

Clustering IP WK 13

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```
##Kira Platinina is a Russian brand that is sold through a defunct chain of retail stores in Russia, UK.
```

```
## The problem to be solved is to find the likely group to visit the page and at what time and period.
```

```
## The metrics of success is to have the least number of misclassification in the clusters.
```

```
## The procedures were:
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```
# 1.Loading the necessary packages and libraries
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```
#2. Data cleaning
```

```
# 3. Exploratory Data Analysis
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```
#4. Clustering using k-means
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```
# 5. Challenging the solution with hierarchical clustering
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```
library (dplyr)
```

```
##
```

```
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:stats':
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```
##
```

```
##      filter, lag
```

```
## The following objects are masked from 'package:base':
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```
##
```

```
##      intersect, setdiff, setequal, union
```

```
library(moments)
```

```
library(factoextra)
```

```
## Loading required package: ggplot2
```

```
## Welcome! Want to learn more? See two factoextra-related books at https://goo.gl/ve3WBa
```

```
## Reading the data
```

```
data<- read.csv("http://bit.ly/EcommerceCustomersDataset")
```

```
## Getting the number of rows
nrow(data)
```

```
## [1] 12330
```

```
## Getting the number of columns
ncol(data)
```

```
## [1] 18
```

There are 18 columns.

```
## The first six records
head(data)
```

```
##      Administrative Administrative_Duration Informational Informational_Duration
## 1                0                      0                0                      0
## 2                0                      0                0                      0
## 3                0                      -1                0                      -1
## 4                0                      0                0                      0
## 5                0                      0                0                      0
## 6                0                      0                0                      0
##      ProductRelated ProductRelated_Duration BounceRates ExitRates PageValues
## 1                1                0.000000  0.20000000  0.20000000          0
## 2                2                64.000000  0.00000000  0.10000000          0
## 3                1                -1.000000  0.20000000  0.20000000          0
## 4                2                2.666667  0.05000000  0.14000000          0
## 5               10                627.500000  0.02000000  0.05000000          0
## 6               19                154.216667  0.01578947  0.0245614          0
##      SpecialDay Month OperatingSystems Browser Region TrafficType
## 1              0   Feb                1      1      1          1
## 2              0   Feb                2      2      1          2
## 3              0   Feb                4      1      9          3
## 4              0   Feb                3      2      2          4
## 5              0   Feb                3      3      1          4
## 6              0   Feb                2      2      1          3
##      VisitorType Weekend Revenue
## 1 Returning_Visitor FALSE FALSE
## 2 Returning_Visitor FALSE FALSE
## 3 Returning_Visitor FALSE FALSE
## 4 Returning_Visitor FALSE FALSE
## 5 Returning_Visitor TRUE  FALSE
## 6 Returning_Visitor FALSE FALSE
```

```
summary(data)
```

```
##      Administrative Administrative_Duration Informational
## Min.   : 0.000   Min.   : -1.00      Min.   : 0.000
## 1st Qu.: 0.000   1st Qu.:  0.00      1st Qu.: 0.000
## Median : 1.000   Median :  8.00      Median : 0.000
## Mean   : 2.318   Mean   : 80.91      Mean   : 0.504
```

```

## 3rd Qu.: 4.000    3rd Qu.: 93.50        3rd Qu.: 0.000
## Max.    :27.000    Max.    :3398.75      Max.    :24.000
## NA's    :14       NA's    :14          NA's    :14
## Informational_Duration ProductRelated    ProductRelated_Duration
## Min.    : -1.00    Min.    : 0.00    Min.    : -1.0
## 1st Qu.: 0.00     1st Qu.: 7.00    1st Qu.: 185.0
## Median : 0.00     Median : 18.00    Median : 599.8
## Mean    : 34.51    Mean    : 31.76    Mean    : 1196.0
## 3rd Qu.: 0.00     3rd Qu.: 38.00    3rd Qu.: 1466.5
## Max.    :2549.38    Max.    :705.00    Max.    :63973.5
## NA's    :14       NA's    :14          NA's    :14
## BounceRates      ExitRates      PageValues      SpecialDay
## Min.    :0.000000 Min.    :0.000000 Min.    : 0.000    Min.    :0.000000
## 1st Qu.:0.000000 1st Qu.:0.01429 1st Qu.: 0.000    1st Qu.:0.000000
## Median :0.003119 Median :0.02512 Median : 0.000    Median :0.000000
## Mean    :0.022152 Mean    :0.04300 Mean    : 5.889    Mean    :0.06143
## 3rd Qu.:0.016684 3rd Qu.:0.05000 3rd Qu.: 0.000    3rd Qu.:0.000000
## Max.    :0.200000 Max.    :0.20000 Max.    :361.764    Max.    :1.00000
## NA's    :14       NA's    :14
## Month            OperatingSystems Browser      Region
## Length:12330     Min.    :1.000    Min.    : 1.000    Min.    :1.000
## Class :character 1st Qu.:2.000    1st Qu.: 2.000    1st Qu.:1.000
## Mode  :character Median :2.000    Median : 2.000    Median :3.000
##                  Mean  :2.124    Mean    : 2.357    Mean    :3.147
##                  3rd Qu.:3.000    3rd Qu.: 2.000    3rd Qu.:4.000
##                  Max.   :8.000    Max.    :13.000    Max.    :9.000
##
## TrafficType      VisitorType      Weekend      Revenue
## Min.    : 1.00    Length:12330    Mode :logical    Mode :logical
## 1st Qu.: 2.00    Class :character FALSE:9462        FALSE:10422
## Median : 2.00    Mode  :character TRUE :2868         TRUE :1908
## Mean    : 4.07
## 3rd Qu.: 4.00
## Max.    :20.00
##

```

```

##checking for null values
is.na(data)

```

```

##      Administrative Administrative_Duration Informational
## [1,]          FALSE          FALSE          FALSE
## [2,]          FALSE          FALSE          FALSE
## [3,]          FALSE          FALSE          FALSE
## [4,]          FALSE          FALSE          FALSE
## [5,]          FALSE          FALSE          FALSE
## [6,]          FALSE          FALSE          FALSE
## [7,]          FALSE          FALSE          FALSE
## [8,]          FALSE          FALSE          FALSE
## [9,]          FALSE          FALSE          FALSE
## [10,]         FALSE          FALSE          FALSE
## [11,]         FALSE          FALSE          FALSE
## [12,]         FALSE          FALSE          FALSE
## [13,]         FALSE          FALSE          FALSE
## [14,]         FALSE          FALSE          FALSE

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##	[15,]	FALSE	FALSE	FALSE
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##	[5461,]	FALSE	FALSE	FALSE
##	[5462,]	FALSE	FALSE	FALSE
##	[5463,]	FALSE	FALSE	FALSE
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##	[5467,]	FALSE	FALSE	FALSE
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##		BounceRates	ExitRates	PageValues	SpecialDay	Month	OperatingSystems
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##	[3,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
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##	[6,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[7,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[8,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[9,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[10,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[11,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[12,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[13,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[14,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[15,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[16,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[17,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[18,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[19,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
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##	[25,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
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##	[5539,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[5540,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[5541,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[5542,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
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##	[5545,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[5546,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
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##	[5548,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[5549,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[5550,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[5551,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[5552,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[5553,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[5554,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[5555,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##		Browser	Region	TrafficType	VisitorType	Weekend	Revenue
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##	[2,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[3,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
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##	[5,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[6,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[7,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[8,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[9,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[10,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[11,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[12,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[13,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[14,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[15,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[16,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[17,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[18,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[19,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[20,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[21,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[22,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[23,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[24,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[25,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[26,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[27,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[28,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[29,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[30,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
##	[31,]	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
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## [5541,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5542,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5543,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5544,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5545,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5546,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5547,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5548,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5549,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5550,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5551,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5552,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5553,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5554,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [5555,] FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [ reached getOption("max.print") -- omitted 6775 rows ]
```

```
## Getting the total number of null values
sum(is.na(data))
```

```
## [1] 112
```

```
data$Administrative[is.na(data$Administrative)] <- mean(data$Administrative, na.rm = TRUE)
data$Administrative_Duration[is.na(data$Administrative_Duration)] <- mean(data$Administrative_Duration,
data$Informational[is.na(data$Informational)] <- mean(data$Informational, na.rm = TRUE)
data$Informational_Duration[is.na(data$Informational_Duration)] <- mean(data$Informational_Duration, na
data$ProductRelated[is.na(data$ProductRelated)] <- mean(data$ProductRelated, na.rm = TRUE)
data$ProductRelated_Duration[is.na(data$ProductRelated_Duration)] <- mean(data$ProductRelated, na.rm =
data$ExitRates[is.na(data$ExitRates)] <- mean(data$ExitRates, na.rm = TRUE)
data$BounceRates[is.na(data$BounceRates)] <- mean(data$BounceRates, na.rm = TRUE)
```

```
is.null(data)
```

```
## [1] FALSE
```

```
sum(is.null(data))
```

```
## [1] 0
```

```
## Checking for duplicates in the dataset
duplicated(data)
```

```
## [1] FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [13] FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [25] FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [37] FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [49] FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [61] FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [73] FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [85] FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
## [97] FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
```

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```
## Checking for duplicates in the dataset
sum(duplicated(data))
```

```
## [1] 119
```

```
## Removing the duplicates
data1 <- distinct(data)
data1
```

```
##      Administrative Administrative_Duration Informational
## 1      0.000000      0.000000      0.000000
## 2      0.000000      0.000000      0.000000
## 3      0.000000     -1.000000      0.000000
## 4      0.000000      0.000000      0.000000
## 5      0.000000      0.000000      0.000000
## 6      0.000000      0.000000      0.000000
## 7      0.000000     -1.000000      0.000000
## 8      1.000000     -1.000000      0.000000
## 9      0.000000      0.000000      0.000000
## 10     0.000000      0.000000      0.000000
## 11     0.000000      0.000000      0.000000
## 12     0.000000      0.000000      0.000000
## 13     0.000000      0.000000      0.000000
## 14     0.000000      0.000000      0.000000
## 15     0.000000      0.000000      0.000000
## 16     2.000000     53.000000      0.000000
## 17     0.000000     -1.000000      0.000000
## 18     0.000000      0.000000      0.000000
## 19     0.000000      0.000000      0.000000
## 20     0.000000      0.000000      0.000000
## 21     0.000000      0.000000      0.000000
## 22     0.000000     -1.000000      0.000000
## 23     0.000000      0.000000      0.000000
## 24     0.000000      0.000000      0.000000
## 25     0.000000     -1.000000      0.000000
## 26     0.000000      0.000000      0.000000
## 27     4.000000     64.600000      0.000000
## 28     0.000000      0.000000      0.000000
## 29     0.000000      0.000000      0.000000
## 30     1.000000      6.000000      1.000000
## 31     0.000000      0.000000      0.000000
## 32     0.000000      0.000000      0.000000
## 33     0.000000      0.000000      0.000000
## 34     0.000000      0.000000      0.000000
## 35     0.000000      0.000000      0.000000
## 36     0.000000      0.000000      0.000000
## 37     0.000000      0.000000      0.000000
## 38     2.000000     18.000000      0.000000
## 39     0.000000      0.000000      0.000000
## 40     0.000000      0.000000      0.000000
## 41     1.000000      9.000000      0.000000
## 42     0.000000      0.000000      0.000000
## 43     0.000000      0.000000      0.000000
```

## 44	0.000000	0.000000	0.0000000
## 45	0.000000	0.000000	0.0000000
## 46	0.000000	0.000000	0.0000000
## 47	0.000000	0.000000	0.0000000
## 48	0.000000	0.000000	0.0000000
## 49	0.000000	0.000000	0.0000000
## 50	0.000000	-1.000000	0.0000000
## 51	0.000000	-1.000000	0.0000000
## 52	0.000000	0.000000	0.0000000
## 53	0.000000	0.000000	0.0000000
## 54	0.000000	0.000000	0.0000000
## 55	0.000000	0.000000	0.0000000
## 56	0.000000	0.000000	0.0000000
## 57	0.000000	0.000000	0.0000000
## 58	4.000000	56.000000	2.0000000
## 59	0.000000	0.000000	0.0000000
## 60	2.000000	16.000000	0.0000000
## 61	0.000000	0.000000	0.0000000
## 62	0.000000	0.000000	0.0000000
## 63	12.000000	279.416667	0.0000000
## 64	0.000000	0.000000	0.0000000
## 65	0.000000	-1.000000	0.0000000
## 66	3.000000	87.833333	0.0000000
## 67	4.000000	44.000000	0.0000000
## 68	0.000000	0.000000	0.0000000
## 69	0.000000	0.000000	0.0000000
## 70	0.000000	0.000000	0.0000000
## 71	0.000000	0.000000	0.0000000
## 72	0.000000	0.000000	0.0000000
## 73	0.000000	0.000000	0.0000000
## 74	0.000000	0.000000	0.0000000
## 75	0.000000	0.000000	0.0000000
## 76	0.000000	0.000000	0.0000000
## 77	10.000000	1005.666667	0.0000000
## 78	0.000000	0.000000	0.0000000
## 79	0.000000	0.000000	0.0000000
## 80	0.000000	0.000000	0.0000000
## 81	0.000000	0.000000	0.0000000
## 82	0.000000	0.000000	0.0000000
## 83	0.000000	0.000000	0.0000000
## 84	0.000000	0.000000	0.0000000
## 85	0.000000	0.000000	0.0000000
## 86	0.000000	0.000000	0.0000000
## 87	0.000000	0.000000	0.0000000
## 88	0.000000	0.000000	0.0000000
## 89	0.000000	0.000000	0.0000000
## 90	0.000000	0.000000	0.0000000
## 91	2.000000	36.000000	0.0000000
## 92	0.000000	0.000000	0.0000000
## 93	0.000000	0.000000	0.0000000
## 94	0.000000	0.000000	0.0000000
## 95	0.000000	0.000000	0.0000000
## 96	0.000000	0.000000	0.0000000
## 97	0.000000	0.000000	0.0000000

## 98	0.000000	0.000000	0.0000000
## 99	0.000000	0.000000	1.0000000
## 100	0.000000	0.000000	0.0000000
## 101	3.000000	18.333333	0.0000000
## 102	4.000000	61.000000	0.0000000
## 103	0.000000	0.000000	0.0000000
## 104	2.000000	31.000000	1.0000000
## 105	3.000000	58.500000	0.0000000
## 106	0.000000	0.000000	0.0000000
## 107	0.000000	0.000000	1.0000000
## 108	0.000000	0.000000	0.0000000
## 109	0.000000	0.000000	0.0000000
## 110	6.000000	326.250000	4.0000000
## 111	0.000000	0.000000	0.0000000
## 112	0.000000	0.000000	0.0000000
## 113	0.000000	0.000000	0.0000000
## 114	2.000000	22.000000	0.0000000
## 115	0.000000	0.000000	1.0000000
## 116	0.000000	0.000000	0.0000000
## 117	0.000000	0.000000	0.0000000
## 118	0.000000	0.000000	0.0000000
## 119	0.000000	0.000000	0.0000000
## 120	0.000000	0.000000	0.0000000
## 121	0.000000	0.000000	0.0000000
## 122	0.000000	0.000000	0.0000000
## 123	0.000000	0.000000	2.0000000
## 124	0.000000	0.000000	0.0000000
## 125	0.000000	0.000000	0.0000000
## 126	0.000000	0.000000	0.0000000
## 127	0.000000	0.000000	0.0000000
## 128	0.000000	0.000000	0.0000000
## 129	4.000000	462.000000	0.0000000
## 130	0.000000	0.000000	0.0000000
## 131	0.000000	0.000000	0.0000000
## 132	2.000000	20.000000	0.0000000
## 133	0.000000	-1.000000	0.0000000
## 134	0.000000	0.000000	0.0000000
## 135	6.000000	111.500000	0.0000000
## 136	0.000000	0.000000	0.0000000
## 137	0.000000	0.000000	0.0000000
## 138	0.000000	0.000000	0.0000000
## 139	0.000000	0.000000	0.0000000
## 140	4.000000	103.625000	0.0000000
## 141	0.000000	-1.000000	0.0000000
## 142	0.000000	0.000000	0.0000000
## 143	3.000000	19.000000	0.0000000
## 144	0.000000	0.000000	0.0000000
## 145	0.000000	0.000000	1.0000000
## 146	0.000000	0.000000	0.0000000
## 147	0.000000	0.000000	0.0000000
## 148	0.000000	0.000000	0.0000000
## 149	0.000000	0.000000	0.0000000
## 150	0.000000	0.000000	0.0000000
## 151	0.000000	0.000000	0.0000000

## 152	0.000000	0.000000	0.0000000
## 153	0.000000	0.000000	0.0000000
## 154	0.000000	0.000000	0.0000000
## 155	0.000000	0.000000	0.0000000
## 156	0.000000	0.000000	0.0000000
## 157	0.000000	0.000000	0.0000000
## 158	0.000000	0.000000	0.0000000
## 159	0.000000	0.000000	0.0000000
## 160	0.000000	0.000000	0.0000000
## 161	2.000000	58.000000	2.0000000
## 162	1.000000	9.500000	0.0000000
## 163	0.000000	0.000000	0.0000000
## 164	0.000000	0.000000	0.0000000
## 165	0.000000	0.000000	0.0000000
## 166	0.000000	0.000000	0.0000000
## 167	0.000000	0.000000	0.0000000
## 168	0.000000	0.000000	0.0000000
## 169	0.000000	0.000000	0.0000000
## 170	1.000000	0.000000	0.0000000
## 171	0.000000	0.000000	0.0000000
## 172	0.000000	0.000000	0.0000000
## 173	0.000000	0.000000	0.0000000
## 174	5.000000	41.300000	0.0000000
## 175	3.000000	87.000000	0.0000000
## 176	0.000000	0.000000	0.0000000
## 177	1.000000	0.000000	0.0000000
## 178	0.000000	0.000000	0.0000000
## 179	0.000000	0.000000	0.0000000
## 180	0.000000	-1.000000	0.0000000
## 181	0.000000	-1.000000	0.0000000
## 182	0.000000	0.000000	0.0000000
## 183	0.000000	0.000000	16.0000000
## 184	0.000000	0.000000	0.0000000
## 185	2.000000	9.000000	0.0000000
## 186	10.000000	293.778205	2.0000000
## 187	9.000000	111.500000	1.0000000
## 188	3.000000	47.000000	1.0000000
## 189	0.000000	0.000000	0.0000000
## 190	3.000000	1226.000000	5.0000000
## 191	3.000000	52.000000	0.0000000
## 192	0.000000	0.000000	0.0000000
## 193	0.000000	0.000000	0.0000000
## 194	0.000000	0.000000	0.0000000
## 195	2.000000	56.000000	1.0000000
## 196	3.000000	112.960784	0.0000000
## 197	0.000000	0.000000	0.0000000
## 198	3.000000	94.000000	2.0000000
## 199	1.000000	32.000000	0.0000000
## 200	0.000000	0.000000	0.0000000
## 201	5.000000	218.000000	0.0000000
## 202	0.000000	0.000000	0.0000000
## 203	1.000000	119.000000	0.0000000
## 204	3.000000	281.000000	0.0000000
## 205	1.000000	18.000000	0.0000000

## 206	2.000000	40.000000	0.0000000
## 207	3.000000	107.000000	0.0000000
## 208	0.000000	0.000000	0.0000000
## 209	2.000000	49.000000	1.0000000
## 210	0.000000	0.000000	0.0000000
## 211	0.000000	0.000000	0.0000000
## 212	4.000000	57.000000	0.0000000
## 213	2.000000	2.000000	3.0000000
## 214	2.000000	123.000000	2.0000000
## 215	2.000000	118.000000	0.0000000
## 216	0.000000	0.000000	0.0000000
## 217	0.000000	0.000000	0.0000000
## 218	0.000000	0.000000	0.0000000
## 219	2.000000	38.000000	0.0000000
## 220	0.000000	0.000000	0.0000000
## 221	0.000000	0.000000	0.0000000
## 222	1.000000	54.000000	0.0000000
## 223	1.000000	993.000000	0.0000000
## 224	0.000000	0.000000	0.0000000
## 225	5.000000	74.250000	2.0000000
## 226	0.000000	0.000000	0.0000000
## 227	0.000000	0.000000	0.0000000
## 228	0.000000	0.000000	0.0000000
## 229	2.000000	32.000000	0.0000000
## 230	6.000000	666.833333	0.0000000
## 231	0.000000	0.000000	0.0000000
## 232	1.000000	73.000000	1.0000000
## 233	2.000000	154.000000	0.0000000
## 234	3.000000	49.333333	5.0000000
## 235	3.000000	118.500000	0.0000000
## 236	6.000000	153.500000	0.0000000
## 237	0.000000	0.000000	0.0000000
## 238	0.000000	0.000000	0.0000000
## 239	8.000000	72.250000	1.0000000
## 240	2.000000	24.500000	0.0000000
## 241	1.000000	0.000000	0.0000000
## 242	0.000000	0.000000	1.0000000
## 243	0.000000	0.000000	0.0000000
## 244	0.000000	0.000000	0.0000000
## 245	0.000000	0.000000	0.0000000
## 246	1.000000	22.000000	0.0000000
## 247	16.000000	155.631313	0.0000000
## 248	1.000000	21.333333	1.0000000
## 249	2.000000	191.000000	1.0000000
## 250	0.000000	0.000000	0.0000000
## 251	0.000000	-1.000000	0.0000000
## 252	0.000000	0.000000	0.0000000
## 253	0.000000	0.000000	0.0000000
## 254	4.000000	96.500000	0.0000000
## 255	1.000000	13.000000	0.0000000
## 256	5.000000	1388.750000	0.0000000
## 257	0.000000	0.000000	0.0000000
## 258	0.000000	0.000000	1.0000000
## 259	3.000000	51.000000	0.0000000

## 260	0.000000	0.000000	0.0000000
## 261	1.000000	158.000000	1.0000000
## 262	0.000000	0.000000	0.0000000
## 263	0.000000	0.000000	0.0000000
## 264	0.000000	0.000000	0.0000000
## 265	0.000000	0.000000	0.0000000
## 266	0.000000	0.000000	0.0000000
## 267	0.000000	0.000000	0.0000000
## 268	0.000000	0.000000	0.0000000
## 269	1.000000	10.000000	0.0000000
## 270	0.000000	0.000000	0.0000000
## 271	1.000000	28.000000	1.0000000
## 272	4.000000	27.000000	0.0000000
## 273	0.000000	0.000000	0.0000000
## 274	0.000000	0.000000	0.0000000
## 275	4.000000	15.000000	0.0000000
## 276	0.000000	0.000000	0.0000000
## 277	0.000000	0.000000	0.0000000
## 278	0.000000	0.000000	0.0000000
## 279	0.000000	0.000000	0.0000000
## 280	0.000000	0.000000	0.0000000
## 281	13.000000	1249.809524	4.0000000
## 282	0.000000	0.000000	0.0000000
## 283	2.000000	390.000000	0.0000000
## 284	0.000000	0.000000	0.0000000
## 285	0.000000	0.000000	0.0000000
## 286	0.000000	0.000000	0.0000000
## 287	11.000000	215.523809	1.0000000
## 288	0.000000	0.000000	0.0000000
## 289	1.000000	11.000000	0.0000000
## 290	2.000000	20.000000	0.0000000
## 291	0.000000	0.000000	0.0000000
## 292	0.000000	0.000000	0.0000000
## 293	2.000000	8.000000	1.0000000
## 294	0.000000	0.000000	0.0000000
## 295	0.000000	0.000000	0.0000000
## 296	4.000000	171.250000	0.0000000
## 297	0.000000	0.000000	0.0000000
## 298	0.000000	0.000000	0.0000000
## 299	5.000000	227.333333	0.0000000
## 300	0.000000	0.000000	0.0000000
## 301	0.000000	0.000000	0.0000000
## 302	0.000000	0.000000	0.0000000
## 303	0.000000	0.000000	0.0000000
## 304	0.000000	0.000000	1.0000000
## 305	0.000000	0.000000	0.0000000
## 306	0.000000	0.000000	0.0000000
## 307	0.000000	0.000000	0.0000000
## 308	5.000000	86.000000	0.0000000
## 309	0.000000	0.000000	0.0000000
## 310	0.000000	0.000000	0.0000000
## 311	2.000000	7.000000	0.0000000
## 312	0.000000	0.000000	1.0000000
## 313	7.000000	186.976191	2.0000000

## 314	3.000000	138.000000	2.0000000
## 315	0.000000	0.000000	0.0000000
## 316	2.000000	374.000000	0.0000000
## 317	2.000000	61.000000	0.0000000
## 318	1.000000	14.000000	0.0000000
## 319	1.000000	38.000000	0.0000000
## 320	0.000000	0.000000	0.0000000
## 321	0.000000	0.000000	0.0000000
## 322	2.000000	96.000000	0.0000000
## 323	6.000000	615.250000	0.0000000
## 324	4.000000	111.000000	0.0000000
## 325	2.000000	147.000000	0.0000000
## 326	0.000000	0.000000	0.0000000
## 327	3.000000	53.166667	0.0000000
## 328	2.000000	58.000000	0.0000000
## 329	0.000000	0.000000	0.0000000
## 330	3.000000	48.500000	0.0000000
## 331	1.000000	21.000000	3.0000000
## 332	4.000000	115.333333	0.0000000
## 333	0.000000	0.000000	1.0000000
## 334	1.000000	8.000000	0.0000000
## 335	1.000000	32.285714	0.0000000
## 336	0.000000	0.000000	0.0000000
## 337	0.000000	0.000000	0.0000000
## 338	1.000000	11.000000	0.0000000
## 339	0.000000	0.000000	0.0000000
## 340	0.000000	0.000000	0.0000000
## 341	0.000000	0.000000	0.0000000
## 342	0.000000	0.000000	0.0000000
## 343	0.000000	0.000000	0.0000000
## 344	4.000000	277.750000	0.0000000
## 345	0.000000	0.000000	0.0000000
## 346	6.000000	241.166667	0.0000000
## 347	3.000000	64.000000	0.0000000
## 348	1.000000	25.500000	0.0000000
## 349	2.000000	64.000000	0.0000000
## 350	0.000000	0.000000	0.0000000
## 351	8.000000	130.000000	1.0000000
## 352	9.000000	79.000000	1.0000000
## 353	3.000000	84.000000	0.0000000
## 354	0.000000	0.000000	1.0000000
## 355	0.000000	0.000000	0.0000000
## 356	0.000000	0.000000	0.0000000
## 357	3.000000	41.000000	0.0000000
## 358	0.000000	0.000000	0.0000000
## 359	0.000000	0.000000	0.0000000
## 360	0.000000	0.000000	0.0000000
## 361	1.000000	14.000000	0.0000000
## 362	4.000000	86.000000	0.0000000
## 363	0.000000	0.000000	0.0000000
## 364	3.000000	618.000000	0.0000000
## 365	0.000000	0.000000	0.0000000
## 366	1.000000	11.888889	0.0000000
## 367	5.000000	51.500000	0.0000000

## 368	2.000000	7.000000	0.0000000
## 369	8.000000	269.000000	0.0000000
## 370	0.000000	0.000000	0.0000000
## 371	2.000000	44.500000	0.0000000
## 372	1.000000	3.000000	14.0000000
## 373	0.000000	0.000000	0.0000000
## 374	0.000000	0.000000	0.0000000
## 375	4.000000	61.000000	0.0000000
## 376	3.000000	90.000000	0.0000000
## 377	0.000000	0.000000	0.0000000
## 378	2.000000	102.500000	3.0000000
## 379	0.000000	0.000000	0.0000000
## 380	0.000000	0.000000	0.0000000
## 381	1.000000	17.000000	0.0000000
## 382	0.000000	-1.000000	0.0000000
## 383	9.000000	213.321429	5.0000000
## 384	0.000000	0.000000	0.0000000
## 385	0.000000	0.000000	0.0000000
## 386	0.000000	0.000000	0.0000000
## 387	0.000000	0.000000	0.0000000
## 388	0.000000	0.000000	0.0000000
## 389	6.000000	71.500000	0.0000000
## 390	0.000000	0.000000	0.0000000
## 391	1.000000	6.000000	0.0000000
## 392	3.000000	304.000000	0.0000000
## 393	0.000000	0.000000	0.0000000
## 394	7.000000	151.000000	0.0000000
## 395	3.000000	199.750000	0.0000000
## 396	1.000000	13.500000	1.0000000
## 397	0.000000	0.000000	0.0000000
## 398	7.000000	191.200000	4.0000000
## 399	2.000000	47.000000	0.0000000
## 400	0.000000	0.000000	0.0000000
## 401	5.000000	197.000000	4.0000000
## 402	3.000000	115.125000	0.0000000
## 403	4.000000	312.750000	0.0000000
## 404	0.000000	0.000000	0.0000000
## 405	4.000000	724.000000	0.0000000
## 406	0.000000	0.000000	0.0000000
## 407	8.000000	237.500000	4.0000000
## 408	3.000000	66.333333	0.0000000
## 409	0.000000	0.000000	0.0000000
## 410	2.000000	190.000000	1.0000000
## 411	4.000000	174.000000	1.0000000
## 412	3.000000	227.000000	0.0000000
## 413	1.000000	23.000000	0.0000000
## 414	0.000000	0.000000	0.0000000
## 415	0.000000	0.000000	2.0000000
## 416	0.000000	0.000000	0.0000000
## 417	0.000000	0.000000	0.0000000
## 418	1.000000	26.000000	1.0000000
## 419	0.000000	0.000000	0.0000000
## 420	0.000000	0.000000	0.0000000
## 421	2.000000	41.000000	0.0000000

## 422	4.000000	74.000000	2.0000000
## 423	0.000000	0.000000	0.0000000
## 424	0.000000	0.000000	0.0000000
## 425	0.000000	0.000000	0.0000000
## 426	0.000000	0.000000	0.0000000
## 427	0.000000	0.000000	0.0000000
## 428	2.000000	74.000000	0.0000000
## 429	0.000000	0.000000	0.0000000
## 430	2.000000	45.000000	0.0000000
## 431	2.000000	112.000000	0.0000000
## 432	0.000000	0.000000	0.0000000
## 433	2.000000	37.000000	0.0000000
## 434	0.000000	0.000000	0.0000000
## 435	0.000000	0.000000	0.0000000
## 436	1.000000	5.500000	0.0000000
## 437	3.000000	50.000000	0.0000000
## 438	0.000000	0.000000	0.0000000
## 439	2.000000	26.000000	0.0000000
## 440	0.000000	0.000000	0.0000000
## 441	5.000000	113.500000	0.0000000
## 442	0.000000	0.000000	0.0000000
## 443	3.000000	279.000000	0.0000000
## 444	3.000000	228.000000	1.0000000
## 445	3.000000	55.000000	2.0000000
## 446	6.000000	112.500000	0.0000000
## 447	1.000000	17.000000	0.0000000
## 448	0.000000	0.000000	0.0000000
## 449	0.000000	0.000000	0.0000000
## 450	0.000000	0.000000	0.0000000
## 451	0.000000	0.000000	0.0000000
## 452	1.000000	8.500000	0.0000000
## 453	0.000000	0.000000	0.0000000
## 454	0.000000	0.000000	0.0000000
## 455	0.000000	0.000000	0.0000000
## 456	0.000000	0.000000	0.0000000
## 457	7.000000	319.500000	0.0000000
## 458	0.000000	0.000000	0.0000000
## 459	0.000000	0.000000	1.0000000
## 460	0.000000	0.000000	0.0000000
## 461	0.000000	0.000000	0.0000000
## 462	5.000000	97.500000	0.0000000
## 463	7.000000	182.083333	0.0000000
## 464	3.000000	97.000000	0.0000000
## 465	0.000000	0.000000	0.0000000
## 466	3.000000	34.833333	0.0000000
## 467	0.000000	0.000000	3.0000000
## 468	0.000000	0.000000	0.0000000
## 469	0.000000	0.000000	0.0000000
## 470	0.000000	0.000000	2.0000000
## 471	0.000000	0.000000	0.0000000
## 472	1.000000	77.000000	0.0000000
## 473	3.000000	107.000000	0.0000000
## 474	10.000000	614.166667	0.0000000
## 475	13.000000	315.966667	1.0000000

## 476	0.000000	0.000000	0.0000000
## 477	1.000000	0.000000	0.0000000
## 478	0.000000	0.000000	0.0000000
## 479	2.000000	11.000000	0.0000000
## 480	2.000000	47.666667	0.0000000
## 481	0.000000	0.000000	0.0000000
## 482	0.000000	0.000000	0.0000000
## 483	0.000000	0.000000	0.0000000
## 484	0.000000	0.000000	0.0000000
## 485	2.000000	30.000000	1.0000000
## 486	0.000000	0.000000	0.0000000
## 487	0.000000	0.000000	0.0000000
## 488	0.000000	0.000000	0.0000000
## 489	0.000000	0.000000	0.0000000
## 490	2.000000	25.000000	0.0000000
## 491	0.000000	0.000000	0.0000000
## 492	8.000000	359.000000	2.0000000
## 493	0.000000	0.000000	0.0000000
## 494	5.000000	59.000000	0.0000000
## 495	4.000000	1347.750000	0.0000000
## 496	0.000000	0.000000	0.0000000
## 497	0.000000	0.000000	0.0000000
## 498	18.000000	280.950000	6.0000000
## 499	4.000000	100.300000	0.0000000
## 500	1.000000	23.000000	0.0000000
## 501	6.000000	53.380952	0.0000000
## 502	2.000000	8.000000	0.0000000
## 503	0.000000	0.000000	0.0000000
## 504	1.000000	0.000000	1.0000000
## 505	0.000000	0.000000	0.0000000
## 506	14.000000	416.392857	6.0000000
## 507	6.000000	573.500000	1.0000000
## 508	6.000000	465.833333	2.0000000
## 509	0.000000	0.000000	1.0000000
## 510	0.000000	0.000000	0.0000000
## 511	0.000000	0.000000	0.0000000
## 512	9.000000	97.642857	0.0000000
## 513	0.000000	0.000000	0.0000000
## 514	3.000000	148.000000	0.0000000
## 515	0.000000	0.000000	0.0000000
## 516	3.000000	58.000000	0.0000000
## 517	0.000000	0.000000	0.0000000
## 518	1.000000	3.000000	0.0000000
## 519	4.000000	97.611111	0.0000000
## 520	4.000000	57.000000	0.0000000
## 521	2.000000	34.000000	0.0000000
## 522	0.000000	0.000000	0.0000000
## 523	0.000000	0.000000	0.0000000
## 524	1.000000	7.000000	0.0000000
## 525	2.000000	37.500000	0.0000000
## 526	1.000000	3.000000	0.0000000
## 527	0.000000	-1.000000	0.0000000
## 528	0.000000	0.000000	0.0000000
## 529	0.000000	0.000000	0.0000000

## 530	2.000000	22.500000	0.0000000
## 531	0.000000	0.000000	1.0000000
## 532	0.000000	0.000000	0.0000000
## 533	0.000000	0.000000	0.0000000
## 534	0.000000	0.000000	0.0000000
## 535	0.000000	-1.000000	0.0000000
## 536	0.000000	0.000000	0.0000000
## 537	0.000000	0.000000	0.0000000
## 538	2.000000	38.000000	0.0000000
## 539	6.000000	77.000000	3.0000000
## 540	2.000000	58.500000	2.0000000
## 541	0.000000	0.000000	0.0000000
## 542	6.000000	99.333333	1.0000000
## 543	3.000000	117.000000	0.0000000
## 544	0.000000	0.000000	0.0000000
## 545	2.000000	16.666667	0.0000000
## 546	0.000000	0.000000	0.0000000
## 547	12.000000	81.500000	0.0000000
## 548	0.000000	0.000000	0.0000000
## 549	0.000000	0.000000	1.0000000
## 550	4.000000	34.000000	0.0000000
## 551	4.000000	38.500000	0.0000000
## 552	0.000000	0.000000	0.0000000
## 553	0.000000	0.000000	0.0000000
## 554	7.000000	156.250000	0.0000000
## 555	3.000000	15.000000	0.0000000
## 556	0.000000	-1.000000	0.0000000
## 557	0.000000	0.000000	2.0000000
## 558	0.000000	0.000000	0.0000000
## 559	1.000000	19.000000	0.0000000
## 560	0.000000	0.000000	0.0000000
## 561	1.000000	7.000000	0.0000000
## 562	0.000000	0.000000	0.0000000
## 563	0.000000	0.000000	0.0000000
## 564	0.000000	0.000000	0.0000000
## 565	0.000000	0.000000	0.0000000
## 566	0.000000	0.000000	0.0000000
## 567	0.000000	0.000000	0.0000000
## 568	5.000000	67.500000	3.0000000
## 569	12.000000	311.409091	0.0000000
## 570	0.000000	0.000000	0.0000000
## 571	0.000000	0.000000	0.0000000
## 572	3.000000	14.000000	0.0000000
## 573	6.000000	145.000000	0.0000000
## 574	0.000000	0.000000	0.0000000
## 575	0.000000	0.000000	1.0000000
## 576	1.000000	43.000000	0.0000000
## 577	0.000000	0.000000	0.0000000
## 578	4.000000	84.000000	0.0000000
## 579	0.000000	0.000000	0.0000000
## 580	4.000000	120.000000	0.0000000
## 581	0.000000	0.000000	1.0000000
## 582	0.000000	0.000000	0.0000000
## 583	0.000000	0.000000	0.0000000

## 584	0.000000	-1.000000	0.0000000
## 585	0.000000	0.000000	0.0000000
## 586	5.000000	263.000000	0.0000000
## 587	1.000000	0.000000	0.0000000
## 588	9.000000	72.944444	2.0000000
## 589	0.000000	0.000000	0.0000000
## 590	0.000000	0.000000	0.0000000
## 591	0.000000	0.000000	0.0000000
## 592	1.000000	18.500000	0.0000000
## 593	6.000000	87.333333	0.0000000
## 594	6.000000	99.605882	0.0000000
## 595	3.000000	63.000000	0.0000000
## 596	3.000000	68.000000	1.0000000
## 597	0.000000	0.000000	0.0000000
## 598	0.000000	0.000000	0.0000000
## 599	3.000000	68.500000	0.0000000
## 600	1.000000	135.000000	0.0000000
## 601	0.000000	0.000000	0.0000000
## 602	1.000000	34.000000	0.0000000
## 603	6.000000	176.250000	12.0000000
## 604	16.000000	315.144986	6.0000000
## 605	6.000000	523.214286	2.0000000
## 606	4.000000	76.000000	0.0000000
## 607	3.000000	118.666667	0.0000000
## 608	0.000000	0.000000	0.0000000
## 609	8.000000	174.500000	0.0000000
## 610	1.000000	40.000000	0.0000000
## 611	8.000000	201.166667	3.0000000
## 612	13.000000	374.875000	1.0000000
## 613	4.000000	56.000000	0.0000000
## 614	3.000000	92.833333	0.0000000
## 615	0.000000	0.000000	0.0000000
## 616	0.000000	0.000000	0.0000000
## 617	1.000000	4.000000	3.0000000
## 618	2.000000	102.000000	0.0000000
## 619	0.000000	0.000000	0.0000000
## 620	1.000000	11.000000	0.0000000
## 621	0.000000	0.000000	1.0000000
## 622	0.000000	0.000000	0.0000000
## 623	3.000000	187.000000	2.0000000
## 624	0.000000	0.000000	0.0000000
## 625	4.000000	185.000000	0.0000000
## 626	0.000000	0.000000	0.0000000
## 627	0.000000	0.000000	0.0000000
## 628	8.000000	166.200000	5.0000000
## 629	0.000000	0.000000	0.0000000
## 630	0.000000	0.000000	0.0000000
## 631	0.000000	-1.000000	0.0000000
## 632	2.000000	84.000000	0.0000000
## 633	3.000000	86.000000	0.0000000
## 634	17.000000	754.109524	2.0000000
## 635	3.000000	24.000000	0.0000000
## 636	0.000000	0.000000	0.0000000
## 637	8.000000	17.348485	0.0000000

## 638	0.000000	0.000000	0.0000000
## 639	2.000000	15.000000	0.0000000
## 640	0.000000	0.000000	0.0000000
## 641	3.000000	36.000000	1.0000000
## 642	2.000000	34.000000	0.0000000
## 643	0.000000	0.000000	0.0000000
## 644	0.000000	0.000000	0.0000000
## 645	2.000000	47.000000	0.0000000
## 646	0.000000	0.000000	0.0000000
## 647	5.000000	44.500000	1.0000000
## 648	6.000000	125.500000	0.0000000
## 649	0.000000	0.000000	0.0000000
## 650	2.000000	42.000000	2.0000000
## 651	0.000000	0.000000	0.0000000
## 652	0.000000	0.000000	0.0000000
## 653	2.000000	95.000000	0.0000000
## 654	4.000000	56.500000	0.0000000
## 655	0.000000	0.000000	0.0000000
## 656	0.000000	0.000000	0.0000000
## 657	5.000000	134.928571	2.0000000
## 658	0.000000	0.000000	0.0000000
## 659	2.000000	64.000000	0.0000000
## 660	3.000000	68.000000	0.0000000
## 661	2.000000	20.500000	0.0000000
## 662	0.000000	0.000000	0.0000000
## 663	0.000000	0.000000	0.0000000
## 664	3.000000	11.333333	0.0000000
## 665	0.000000	0.000000	0.0000000
## 666	5.000000	504.000000	0.0000000
## 667	2.000000	25.000000	0.0000000
## 668	2.000000	20.000000	0.0000000
## 669	1.000000	19.666667	0.0000000
## 670	1.000000	13.000000	0.0000000
## 671	0.000000	0.000000	0.0000000
## 672	0.000000	0.000000	0.0000000
## 673	6.000000	76.333333	0.0000000
## 674	2.000000	45.444444	1.0000000
## 675	3.000000	31.000000	0.0000000
## 676	0.000000	0.000000	0.0000000
## 677	0.000000	0.000000	0.0000000
## 678	0.000000	0.000000	0.0000000
## 679	0.000000	0.000000	0.0000000
## 680	0.000000	0.000000	0.0000000
## 681	0.000000	0.000000	4.0000000
## 682	0.000000	0.000000	0.0000000
## 683	0.000000	0.000000	0.0000000
## 684	8.000000	125.166667	0.0000000
## 685	2.000000	13.000000	0.0000000
## 686	1.000000	72.666667	4.0000000
## 687	5.000000	100.916667	0.0000000
## 688	7.000000	60.000000	3.0000000
## 689	3.000000	49.500000	1.0000000
## 690	8.000000	466.500000	2.0000000
## 691	0.000000	0.000000	0.0000000

## 692	0.000000	0.000000	0.0000000
## 693	5.000000	175.230769	0.0000000
## 694	6.000000	96.857143	0.0000000
## 695	0.000000	0.000000	0.0000000
## 696	19.000000	402.185714	4.0000000
## 697	0.000000	0.000000	0.0000000
## 698	4.000000	178.200000	0.0000000
## 699	7.000000	156.500000	1.0000000
## 700	5.000000	58.000000	0.0000000
## 701	0.000000	0.000000	0.0000000
## 702	1.000000	43.000000	0.0000000
## 703	0.000000	0.000000	0.0000000
## 704	0.000000	0.000000	1.0000000
## 705	0.000000	0.000000	0.0000000
## 706	0.000000	0.000000	0.0000000
## 707	0.000000	0.000000	0.0000000
## 708	2.000000	306.000000	0.0000000
## 709	3.000000	72.000000	1.0000000
## 710	0.000000	0.000000	0.0000000
## 711	1.000000	202.000000	0.0000000
## 712	0.000000	0.000000	0.0000000
## 713	0.000000	0.000000	0.0000000
## 714	4.000000	359.300000	4.0000000
## 715	0.000000	0.000000	0.0000000
## 716	0.000000	0.000000	0.0000000
## 717	0.000000	0.000000	0.0000000
## 718	1.000000	39.000000	0.0000000
## 719	0.000000	0.000000	0.0000000
## 720	0.000000	0.000000	0.0000000
## 721	0.000000	0.000000	0.0000000
## 722	2.000000	41.500000	2.0000000
## 723	0.000000	0.000000	0.0000000
## 724	0.000000	0.000000	0.0000000
## 725	2.000000	123.000000	0.0000000
## 726	3.000000	42.000000	0.0000000
## 727	0.000000	0.000000	1.0000000
## 728	0.000000	0.000000	0.0000000
## 729	1.000000	22.000000	0.0000000
## 730	2.000000	95.500000	0.0000000
## 731	2.000000	48.666667	0.0000000
## 732	5.000000	294.700000	6.0000000
## 733	0.000000	0.000000	0.0000000
## 734	1.000000	0.000000	0.0000000
## 735	0.000000	0.000000	0.0000000
## 736	0.000000	0.000000	0.0000000
## 737	0.000000	0.000000	0.0000000
## 738	3.000000	125.000000	1.0000000
## 739	3.000000	12.000000	1.0000000
## 740	1.000000	10.500000	0.0000000
## 741	0.000000	0.000000	0.0000000
## 742	0.000000	0.000000	0.0000000
## 743	3.000000	99.000000	0.0000000
## 744	6.000000	171.083333	0.0000000
## 745	7.000000	159.500000	0.0000000

## 746	1.000000	5.000000	0.0000000
## 747	5.000000	206.000000	0.0000000
## 748	2.000000	40.000000	2.0000000
## 749	0.000000	0.000000	0.0000000
## 750	0.000000	0.000000	0.0000000
## 751	0.000000	0.000000	0.0000000
## 752	6.000000	262.250000	3.0000000
## 753	2.000000	44.000000	0.0000000
## 754	0.000000	0.000000	0.0000000
## 755	0.000000	0.000000	0.0000000
## 756	0.000000	0.000000	0.0000000
## 757	0.000000	0.000000	0.0000000
## 758	0.000000	0.000000	0.0000000
## 759	0.000000	0.000000	0.0000000
## 760	2.000000	62.500000	0.0000000
## 761	15.000000	937.174603	3.0000000
## 762	2.000000	48.000000	0.0000000
## 763	0.000000	0.000000	0.0000000
## 764	6.000000	437.391304	2.0000000
## 765	7.000000	159.333333	0.0000000
## 766	2.000000	32.500000	0.0000000
## 767	0.000000	0.000000	2.0000000
## 768	11.000000	212.741667	3.0000000
## 769	0.000000	0.000000	0.0000000
## 770	3.000000	16.333333	0.0000000
## 771	0.000000	0.000000	0.0000000
## 772	0.000000	0.000000	0.0000000
## 773	4.000000	130.000000	0.0000000
## 774	4.000000	15.000000	1.0000000
## 775	0.000000	0.000000	1.0000000
## 776	0.000000	0.000000	0.0000000
## 777	0.000000	0.000000	0.0000000
## 778	2.000000	44.000000	0.0000000
## 779	9.000000	140.500000	0.0000000
## 780	0.000000	0.000000	0.0000000
## 781	0.000000	0.000000	0.0000000
## 782	0.000000	0.000000	0.0000000
## 783	4.000000	56.000000	1.0000000
## 784	3.000000	281.000000	0.0000000
## 785	2.000000	88.000000	0.0000000
## 786	1.000000	0.000000	0.0000000
## 787	9.000000	110.409091	1.0000000
## 788	0.000000	0.000000	0.0000000
## 789	0.000000	0.000000	0.0000000
## 790	10.000000	316.140503	7.0000000
## 791	0.000000	0.000000	0.0000000
## 792	2.000000	27.000000	0.0000000
## 793	3.000000	74.000000	2.0000000
## 794	0.000000	0.000000	0.0000000
## 795	0.000000	0.000000	0.0000000
## 796	0.000000	0.000000	0.0000000
## 797	1.000000	0.000000	1.0000000
## 798	0.000000	0.000000	0.0000000
## 799	2.000000	140.000000	0.0000000

## 800	3.000000	119.000000	0.0000000
## 801	7.000000	301.700000	6.0000000
## 802	0.000000	0.000000	0.0000000
## 803	0.000000	0.000000	0.0000000
## 804	0.000000	0.000000	0.0000000
## 805	0.000000	0.000000	0.0000000
## 806	6.000000	113.500000	0.0000000
## 807	3.000000	421.000000	0.0000000
## 808	2.000000	115.000000	0.0000000
## 809	0.000000	0.000000	2.0000000
## 810	0.000000	0.000000	0.0000000
## 811	1.000000	9.000000	0.0000000
## 812	0.000000	0.000000	0.0000000
## 813	0.000000	0.000000	0.0000000
## 814	0.000000	0.000000	0.0000000
## 815	0.000000	0.000000	0.0000000
## 816	0.000000	0.000000	0.0000000
## 817	2.000000	208.000000	1.0000000
## 818	0.000000	0.000000	0.0000000
## 819	5.000000	193.000000	1.0000000
## 820	1.000000	3.000000	0.0000000
## 821	4.000000	87.500000	1.0000000
## 822	0.000000	0.000000	0.0000000
## 823	0.000000	0.000000	0.0000000
## 824	5.000000	42.181818	0.0000000
## 825	3.000000	132.500000	0.0000000
## 826	7.000000	163.666667	0.0000000
## 827	2.000000	83.000000	0.0000000
## 828	5.000000	117.833333	0.0000000
## 829	3.000000	95.000000	0.0000000
## 830	0.000000	0.000000	0.0000000
## 831	3.000000	60.000000	0.0000000
## 832	0.000000	0.000000	0.0000000
## 833	5.000000	55.500000	0.0000000
## 834	0.000000	0.000000	0.0000000
## 835	8.000000	160.500000	2.0000000
## 836	4.000000	64.333333	1.0000000
## 837	4.000000	73.333333	0.0000000
## 838	0.000000	0.000000	0.0000000
## 839	9.000000	215.233333	5.0000000
## 840	4.000000	81.500000	0.0000000
## 841	0.000000	0.000000	1.0000000
## 842	7.000000	201.500000	0.0000000
## 843	0.000000	0.000000	0.0000000
## 844	8.000000	492.416667	4.0000000
## 845	7.000000	146.250000	0.0000000
## 846	5.000000	156.269048	4.0000000
## 847	0.000000	0.000000	0.0000000
## 848	4.000000	13.619048	0.0000000
## 849	0.000000	0.000000	0.0000000
## 850	2.000000	14.000000	0.0000000
## 851	0.000000	0.000000	0.0000000
## 852	0.000000	0.000000	0.0000000
## 853	1.000000	12.000000	0.0000000

## 854	6.000000	352.500000	0.0000000
## 855	0.000000	0.000000	0.0000000
## 856	0.000000	0.000000	0.0000000
## 857	5.000000	92.750000	1.0000000
## 858	0.000000	0.000000	0.0000000
## 859	0.000000	0.000000	0.0000000
## 860	3.000000	168.000000	0.0000000
## 861	0.000000	0.000000	0.0000000
## 862	5.000000	179.500000	0.0000000
## 863	8.000000	274.500000	0.0000000
## 864	3.000000	64.500000	0.0000000
## 865	0.000000	0.000000	0.0000000
## 866	1.000000	4.000000	2.0000000
## 867	9.000000	171.666667	3.0000000
## 868	0.000000	0.000000	0.0000000
## 869	0.000000	0.000000	0.0000000
## 870	0.000000	0.000000	0.0000000
## 871	1.000000	0.000000	0.0000000
## 872	9.000000	311.916667	0.0000000
## 873	1.000000	98.500000	0.0000000
## 874	9.000000	867.922619	0.0000000
## 875	3.000000	147.000000	0.0000000
## 876	2.000000	27.000000	0.0000000
## 877	3.000000	106.750000	0.0000000
## 878	0.000000	0.000000	0.0000000
## 879	0.000000	0.000000	0.0000000
## 880	1.000000	55.000000	1.0000000
## 881	0.000000	0.000000	0.0000000
## 882	0.000000	0.000000	0.0000000
## 883	5.000000	241.666667	5.0000000
## 884	0.000000	0.000000	0.0000000
## 885	1.000000	47.000000	0.0000000
## 886	0.000000	0.000000	0.0000000
## 887	3.000000	35.000000	0.0000000
## 888	0.000000	0.000000	0.0000000
## 889	0.000000	0.000000	0.0000000
## 890	0.000000	0.000000	0.0000000
## 891	0.000000	0.000000	0.0000000
## 892	0.000000	0.000000	0.0000000
## 893	3.000000	33.000000	2.0000000
## 894	3.000000	152.500000	5.0000000
## 895	11.000000	828.052632	6.0000000
## 896	0.000000	0.000000	0.0000000
## 897	0.000000	0.000000	0.0000000
## 898	4.000000	162.000000	3.0000000
## 899	4.000000	539.500000	0.0000000
## 900	0.000000	0.000000	0.0000000
## 901	4.000000	120.500000	0.0000000
## 902	0.000000	0.000000	0.0000000
## 903	0.000000	0.000000	0.0000000
## 904	1.000000	12.000000	0.0000000
## 905	12.000000	285.011905	0.0000000
## 906	0.000000	0.000000	0.0000000
## 907	10.000000	198.500000	2.0000000

## 908	4.000000	224.000000	1.0000000
## 909	0.000000	0.000000	0.0000000
## 910	4.000000	162.500000	2.0000000
## 911	2.000000	77.500000	3.0000000
## 912	6.000000	192.500000	0.0000000
## 913	6.000000	148.800000	4.0000000
## 914	0.000000	0.000000	0.0000000
## 915	0.000000	0.000000	0.0000000
## 916	0.000000	0.000000	0.0000000
## 917	0.000000	0.000000	0.0000000
## 918	0.000000	0.000000	0.0000000
## 919	4.000000	1521.000000	2.0000000
## 920	13.000000	112.266667	0.0000000
## 921	0.000000	0.000000	0.0000000
## 922	3.000000	150.000000	0.0000000
## 923	0.000000	0.000000	0.0000000
## 924	0.000000	0.000000	0.0000000
## 925	0.000000	0.000000	4.0000000
## 926	0.000000	0.000000	0.0000000
## 927	4.000000	167.500000	0.0000000
## 928	4.000000	57.000000	1.0000000
## 929	5.000000	345.000000	0.0000000
## 930	0.000000	0.000000	0.0000000
## 931	0.000000	0.000000	0.0000000
## 932	11.000000	267.166667	0.0000000
## 933	0.000000	0.000000	0.0000000
## 934	3.000000	123.000000	0.0000000
## 935	3.000000	1373.500000	0.0000000
## 936	5.000000	29.000000	0.0000000
## 937	0.000000	0.000000	0.0000000
## 938	0.000000	0.000000	0.0000000
## 939	8.000000	29.500000	0.0000000
## 940	0.000000	0.000000	0.0000000
## 941	0.000000	0.000000	0.0000000
## 942	5.000000	79.333333	3.0000000
## 943	0.000000	0.000000	0.0000000
## 944	0.000000	0.000000	0.0000000
## 945	3.000000	16.000000	0.0000000
## 946	0.000000	0.000000	0.0000000
## 947	0.000000	0.000000	0.0000000
## 948	2.000000	33.000000	0.0000000
## 949	3.000000	139.000000	0.0000000
## 950	2.000000	47.000000	0.0000000
## 951	0.000000	0.000000	0.0000000
## 952	1.000000	54.500000	0.0000000
## 953	14.000000	272.500000	2.0000000
## 954	0.000000	0.000000	0.0000000
## 955	0.000000	0.000000	0.0000000
## 956	0.000000	0.000000	0.0000000
## 957	5.000000	169.000000	0.0000000
## 958	4.000000	59.250000	0.0000000
## 959	4.000000	175.000000	0.0000000
## 960	0.000000	0.000000	0.0000000
## 961	4.000000	159.000000	0.0000000

## 962	0.000000	0.000000	0.0000000
## 963	0.000000	0.000000	0.0000000
## 964	0.000000	0.000000	0.0000000
## 965	11.000000	247.333333	2.0000000
## 966	0.000000	0.000000	0.0000000
## 967	2.000000	78.333333	0.0000000
## 968	0.000000	0.000000	0.0000000
## 969	1.000000	16.000000	0.0000000
## 970	1.000000	8.000000	0.0000000
## 971	0.000000	0.000000	0.0000000
## 972	5.000000	267.500000	0.0000000
## 973	1.000000	14.000000	0.0000000
## 974	0.000000	0.000000	0.0000000
## 975	2.000000	17.000000	0.0000000
## 976	1.000000	12.000000	0.0000000
## 977	5.000000	114.750000	0.0000000
## 978	0.000000	0.000000	0.0000000
## 979	0.000000	0.000000	0.0000000
## 980	0.000000	0.000000	0.0000000
## 981	1.000000	10.000000	0.0000000
## 982	10.000000	164.500000	1.0000000
## 983	0.000000	0.000000	0.0000000
## 984	0.000000	0.000000	0.0000000
## 985	0.000000	0.000000	0.0000000
## 986	0.000000	0.000000	0.0000000
## 987	4.000000	387.500000	0.0000000
## 988	2.000000	123.000000	0.0000000
## 989	4.000000	272.500000	0.0000000
## 990	0.000000	0.000000	0.0000000
## 991	0.000000	0.000000	0.0000000
## 992	0.000000	0.000000	0.0000000
## 993	0.000000	0.000000	0.0000000
## 994	0.000000	0.000000	0.0000000
## 995	4.000000	320.500000	0.0000000
## 996	0.000000	0.000000	0.0000000
## 997	2.000000	35.000000	0.0000000
## 998	0.000000	0.000000	0.0000000
## 999	0.000000	0.000000	0.0000000
## 1000	0.000000	0.000000	0.0000000
## 1001	2.000000	34.000000	0.0000000
## 1002	2.000000	47.000000	0.0000000
## 1003	2.000000	11.000000	3.0000000
## 1004	0.000000	0.000000	0.0000000
## 1005	3.000000	13.000000	0.0000000
## 1006	0.000000	0.000000	0.0000000
## 1007	2.000000	36.000000	0.0000000
## 1008	0.000000	0.000000	0.0000000
## 1009	0.000000	0.000000	0.0000000
## 1010	0.000000	0.000000	0.0000000
## 1011	3.000000	33.000000	0.0000000
## 1012	7.000000	97.000000	6.0000000
## 1013	0.000000	0.000000	0.0000000
## 1014	0.000000	0.000000	0.0000000
## 1015	1.000000	37.000000	0.0000000

## 1016	4.000000	55.000000	0.0000000
## 1017	0.000000	0.000000	0.0000000
## 1018	3.000000	26.000000	0.0000000
## 1019	0.000000	0.000000	0.0000000
## 1020	0.000000	0.000000	0.0000000
## 1021	2.000000	24.500000	1.0000000
## 1022	1.000000	24.000000	3.0000000
## 1023	0.000000	0.000000	0.0000000
## 1024	0.000000	0.000000	0.0000000
## 1025	1.000000	0.000000	0.0000000
## 1026	9.000000	122.000000	1.0000000
## 1027	1.000000	123.000000	0.0000000
## 1028	3.000000	308.000000	0.0000000
## 1029	0.000000	0.000000	0.0000000
## 1030	0.000000	0.000000	0.0000000
## 1031	0.000000	0.000000	0.0000000
## 1032	0.000000	0.000000	0.0000000
## 1033	0.000000	0.000000	0.0000000
## 1034	5.000000	72.500000	0.0000000
## 1035	1.000000	21.000000	1.0000000
## 1036	6.000000	233.083333	2.0000000
## 1037	0.000000	0.000000	0.0000000
## 1038	0.000000	0.000000	0.0000000
## 1039	4.000000	315.000000	0.0000000
## 1040	0.000000	0.000000	0.0000000
## 1041	0.000000	0.000000	0.0000000
## 1042	0.000000	0.000000	0.0000000
## 1043	6.000000	192.500000	0.0000000
## 1044	0.000000	0.000000	0.0000000
## 1045	0.000000	0.000000	0.0000000
## 1046	0.000000	0.000000	0.0000000
## 1047	0.000000	0.000000	0.0000000
## 1048	3.000000	43.500000	0.0000000
## 1049	4.000000	76.000000	0.0000000
## 1050	2.317798	80.906176	0.5039786
## 1051	0.000000	0.000000	0.0000000
## 1052	2.000000	35.000000	0.0000000
## 1053	3.000000	13.000000	0.0000000
## 1054	6.000000	160.095238	3.0000000
## 1055	0.000000	0.000000	0.0000000
## 1056	0.000000	0.000000	0.0000000
## 1057	1.000000	45.000000	0.0000000
## 1058	4.000000	177.166667	0.0000000
## 1059	0.000000	0.000000	0.0000000
## 1060	0.000000	0.000000	1.0000000
## 1061	4.000000	43.500000	0.0000000
## 1062	0.000000	0.000000	0.0000000
## 1063	0.000000	0.000000	0.0000000
## 1064	0.000000	0.000000	0.0000000
## 1065	0.000000	0.000000	0.0000000
## 1066	0.000000	0.000000	2.0000000
## 1067	0.000000	0.000000	0.0000000
## 1068	0.000000	0.000000	0.0000000
## 1069	5.000000	159.000000	0.0000000

## 1070	0.000000	0.000000	0.0000000
## 1071	0.000000	0.000000	0.0000000
## 1072	0.000000	0.000000	0.0000000
## 1073	0.000000	0.000000	0.0000000
## 1074	1.000000	54.000000	1.0000000
## 1075	0.000000	0.000000	0.0000000
## 1076	2.000000	34.000000	0.0000000
## 1077	0.000000	0.000000	0.0000000
## 1078	0.000000	0.000000	0.0000000
## 1079	0.000000	0.000000	0.0000000
## 1080	3.000000	36.000000	0.0000000
## 1081	7.000000	196.000000	3.0000000
## 1082	1.000000	0.000000	2.0000000
## 1083	0.000000	0.000000	0.0000000
## 1084	0.000000	0.000000	0.0000000
## 1085	0.000000	0.000000	1.0000000
## 1086	2.000000	21.000000	1.0000000
## 1087	10.000000	231.000000	1.0000000
## 1088	0.000000	0.000000	0.0000000
## 1089	0.000000	0.000000	0.0000000
## 1090	15.000000	1011.361111	2.0000000
## 1091	6.000000	60.000000	2.0000000
## 1092	0.000000	0.000000	0.0000000
## 1093	3.000000	61.000000	0.0000000
## 1094	0.000000	0.000000	0.0000000
## 1095	0.000000	0.000000	0.0000000
## 1096	3.000000	227.000000	0.0000000
## 1097	0.000000	0.000000	5.0000000
## 1098	1.000000	464.000000	0.0000000
## 1099	0.000000	0.000000	0.0000000
## 1100	0.000000	0.000000	3.0000000
## 1101	0.000000	0.000000	0.0000000
## 1102	3.000000	80.428571	0.0000000
## 1103	0.000000	0.000000	0.0000000
## 1104	0.000000	0.000000	0.0000000
## 1105	0.000000	0.000000	0.0000000
## 1106	3.000000	61.500000	0.0000000
## 1107	0.000000	0.000000	0.0000000
## 1108	0.000000	0.000000	0.0000000
## 1109	1.000000	58.000000	0.0000000
## 1110	0.000000	0.000000	0.0000000
## 1111	2.000000	243.000000	0.0000000
## 1112	0.000000	0.000000	0.0000000
## 1113	1.000000	4.000000	0.0000000
## 1114	0.000000	0.000000	0.0000000
## 1115	9.000000	210.666667	3.0000000
## 1116	2.317798	80.906176	0.5039786
## 1117	2.317798	80.906176	0.5039786
## 1118	2.317798	80.906176	0.5039786
## 1119	2.317798	80.906176	0.5039786
## 1120	1.000000	156.142857	0.0000000
## 1121	2.000000	0.000000	0.0000000
## 1122	5.000000	282.000000	0.0000000
## 1123	0.000000	0.000000	0.0000000

## 1124	3.000000	512.833333	2.0000000
## 1125	0.000000	0.000000	0.0000000
## 1126	0.000000	0.000000	0.0000000
## 1127	1.000000	112.000000	0.0000000
## 1128	4.000000	73.500000	0.0000000
## 1129	3.000000	184.688889	0.0000000
## 1130	5.000000	75.166667	0.0000000
## 1131	0.000000	0.000000	0.0000000
## 1132	0.000000	0.000000	0.0000000
## 1133	0.000000	0.000000	0.0000000
## 1134	1.000000	19.000000	0.0000000
## 1135	6.000000	302.000000	0.0000000
## 1136	0.000000	0.000000	0.0000000
## 1137	0.000000	0.000000	0.0000000
## 1138	0.000000	0.000000	0.0000000
## 1139	0.000000	0.000000	1.0000000
## 1140	10.000000	117.333333	0.0000000
## 1141	0.000000	0.000000	0.0000000
## 1142	1.000000	7.000000	0.0000000
## 1143	1.000000	0.000000	0.0000000
## 1144	1.000000	0.000000	0.0000000
## 1145	0.000000	0.000000	0.0000000
## 1146	0.000000	0.000000	1.0000000
## 1147	1.000000	14.000000	0.0000000
## 1148	1.000000	5.000000	0.0000000
## 1149	2.000000	107.000000	0.0000000
## 1150	1.000000	31.000000	3.0000000
## 1151	0.000000	0.000000	0.0000000
## 1152	0.000000	0.000000	0.0000000
## 1153	0.000000	0.000000	1.0000000
## 1154	0.000000	0.000000	0.0000000
## 1155	1.000000	7.000000	0.0000000
## 1156	0.000000	0.000000	0.0000000
## 1157	0.000000	0.000000	0.0000000
## 1158	2.000000	52.000000	1.0000000
## 1159	0.000000	0.000000	0.0000000
## 1160	1.000000	19.000000	0.0000000
## 1161	0.000000	0.000000	0.0000000
## 1162	1.000000	0.000000	0.0000000
## 1163	9.000000	204.083333	0.0000000
## 1164	2.000000	151.000000	0.0000000
## 1165	6.000000	98.000000	0.0000000
## 1166	6.000000	52.000000	1.0000000
## 1167	0.000000	0.000000	0.0000000
## 1168	0.000000	0.000000	0.0000000
## 1169	4.000000	600.423077	0.0000000
## 1170	0.000000	0.000000	0.0000000
## 1171	4.000000	132.000000	0.0000000
## 1172	0.000000	0.000000	0.0000000
## 1173	3.000000	23.000000	0.0000000
## 1174	2.000000	20.000000	0.0000000
## 1175	3.000000	39.000000	0.0000000
## 1176	2.000000	152.833333	0.0000000
## 1177	0.000000	0.000000	0.0000000

## 1178	0.000000	0.000000	0.0000000
## 1179	0.000000	0.000000	0.0000000
## 1180	0.000000	0.000000	0.0000000
## 1181	4.000000	16.666667	0.0000000
## 1182	0.000000	0.000000	0.0000000
## 1183	2.000000	197.000000	4.0000000
## 1184	0.000000	0.000000	0.0000000
## 1185	0.000000	0.000000	0.0000000
## 1186	2.000000	15.000000	0.0000000
## 1187	0.000000	0.000000	0.0000000
## 1188	5.000000	710.333333	0.0000000
## 1189	4.000000	84.000000	0.0000000
## 1190	0.000000	0.000000	0.0000000
## 1191	3.000000	151.000000	0.0000000
## 1192	4.000000	83.500000	0.0000000
## 1193	0.000000	0.000000	0.0000000
## 1194	0.000000	0.000000	0.0000000
## 1195	0.000000	0.000000	0.0000000
## 1196	0.000000	0.000000	0.0000000
## 1197	9.000000	848.142857	4.0000000
## 1198	0.000000	0.000000	0.0000000
## 1199	0.000000	0.000000	0.0000000
## 1200	3.000000	130.833333	1.0000000
## 1201	0.000000	0.000000	0.0000000
## 1202	0.000000	0.000000	0.0000000
## 1203	2.000000	27.000000	0.0000000
## 1204	0.000000	0.000000	0.0000000
## 1205	0.000000	0.000000	2.0000000
## 1206	0.000000	0.000000	0.0000000
## 1207	0.000000	0.000000	0.0000000
## 1208	2.000000	12.000000	0.0000000
## 1209	0.000000	0.000000	0.0000000
## 1210	11.000000	281.630952	0.0000000
## 1211	0.000000	0.000000	0.0000000
## 1212	9.000000	160.000000	0.0000000
## 1213	0.000000	0.000000	0.0000000
## 1214	0.000000	0.000000	0.0000000
## 1215	0.000000	0.000000	0.0000000
## 1216	0.000000	0.000000	0.0000000
## 1217	0.000000	0.000000	0.0000000
## 1218	0.000000	0.000000	0.0000000
## 1219	0.000000	0.000000	0.0000000
## 1220	3.000000	31.333333	0.0000000
## 1221	0.000000	0.000000	0.0000000
## 1222	0.000000	0.000000	0.0000000
## 1223	0.000000	0.000000	0.0000000
## 1224	3.000000	81.000000	1.0000000
## 1225	1.000000	5.500000	0.0000000
## 1226	4.000000	81.000000	0.0000000
## 1227	1.000000	18.000000	0.0000000
## 1228	0.000000	0.000000	0.0000000
## 1229	0.000000	0.000000	0.0000000
## 1230	3.000000	91.000000	2.0000000
## 1231	2.000000	85.500000	0.0000000

## 1232	1.000000	42.000000	2.0000000
## 1233	5.000000	36.333333	3.0000000
## 1234	0.000000	0.000000	0.0000000
## 1235	2.000000	33.000000	0.0000000
## 1236	0.000000	0.000000	0.0000000
## 1237	7.000000	110.250000	0.0000000
## 1238	0.000000	0.000000	0.0000000
## 1239	0.000000	0.000000	0.0000000
## 1240	0.000000	0.000000	0.0000000
## 1241	2.000000	27.000000	1.0000000
## 1242	0.000000	0.000000	0.0000000
## 1243	4.000000	155.500000	0.0000000
## 1244	0.000000	0.000000	0.0000000
## 1245	0.000000	0.000000	0.0000000
## 1246	5.000000	487.500000	0.0000000
## 1247	0.000000	0.000000	3.0000000
## 1248	0.000000	0.000000	0.0000000
## 1249	0.000000	0.000000	0.0000000
## 1250	0.000000	0.000000	0.0000000
## 1251	5.000000	376.800000	3.0000000
## 1252	4.000000	985.500000	4.0000000
## 1253	0.000000	0.000000	0.0000000
## 1254	0.000000	0.000000	0.0000000
## 1255	7.000000	606.000000	1.0000000
## 1256	11.000000	1640.590909	0.0000000
## 1257	1.000000	0.000000	0.0000000
## 1258	0.000000	0.000000	0.0000000
## 1259	2.000000	63.000000	0.0000000
## 1260	11.000000	228.027778	1.0000000
## 1261	0.000000	0.000000	0.0000000
## 1262	6.000000	136.555556	0.0000000
## 1263	3.000000	76.000000	0.0000000
## 1264	0.000000	0.000000	0.0000000
## 1265	0.000000	0.000000	0.0000000
## 1266	2.000000	11.000000	0.0000000
## 1267	1.000000	0.000000	0.0000000
## 1268	0.000000	0.000000	0.0000000
## 1269	0.000000	0.000000	0.0000000
## 1270	0.000000	0.000000	0.0000000
## 1271	0.000000	0.000000	0.0000000
## 1272	1.000000	1.333333	0.0000000
## 1273	0.000000	0.000000	0.0000000
## 1274	0.000000	0.000000	0.0000000
## 1275	0.000000	0.000000	0.0000000
## 1276	0.000000	0.000000	1.0000000
## 1277	0.000000	0.000000	0.0000000
## 1278	0.000000	0.000000	0.0000000
## 1279	5.000000	310.000000	1.0000000
## 1280	5.000000	1417.500000	0.0000000
## 1281	3.000000	960.000000	0.0000000
## 1282	2.000000	18.000000	0.0000000
## 1283	0.000000	0.000000	0.0000000
## 1284	2.000000	52.000000	0.0000000
## 1285	0.000000	0.000000	0.0000000

## 1286	0.000000	0.000000	0.0000000
## 1287	0.000000	0.000000	0.0000000
## 1288	2.000000	18.333333	0.0000000
## 1289	5.000000	106.000000	0.0000000
## 1290	6.000000	91.888889	0.0000000
## 1291	3.000000	18.000000	0.0000000
## 1292	2.000000	36.000000	0.0000000
## 1293	0.000000	0.000000	1.0000000
## 1294	2.000000	17.000000	0.0000000
## 1295	0.000000	0.000000	0.0000000
## 1296	7.000000	139.500000	0.0000000
## 1297	0.000000	0.000000	0.0000000
## 1298	4.000000	178.000000	2.0000000
## 1299	3.000000	180.000000	0.0000000
## 1300	2.000000	107.333333	0.0000000
## 1301	4.000000	52.000000	1.0000000
## 1302	2.000000	211.000000	1.0000000
## 1303	0.000000	0.000000	2.0000000
## 1304	1.000000	4.000000	0.0000000
## 1305	1.000000	69.000000	0.0000000
## 1306	4.000000	183.250000	1.0000000
## 1307	2.000000	55.000000	0.0000000
## 1308	0.000000	0.000000	0.0000000
## 1309	0.000000	0.000000	0.0000000
## 1310	0.000000	0.000000	0.0000000
## 1311	0.000000	0.000000	1.0000000
## 1312	1.000000	3.000000	2.0000000
## 1313	1.000000	613.666667	0.0000000
## 1314	0.000000	0.000000	0.0000000
## 1315	0.000000	0.000000	0.0000000
## 1316	2.000000	11.923077	2.0000000
## 1317	1.000000	0.000000	0.0000000
## 1318	1.000000	8.000000	1.0000000
## 1319	1.000000	7.000000	7.0000000
## 1320	2.000000	102.000000	0.0000000
## 1321	0.000000	0.000000	0.0000000
## 1322	1.000000	7.000000	0.0000000
## 1323	3.000000	1499.571429	1.0000000
## 1324	0.000000	0.000000	0.0000000
## 1325	0.000000	0.000000	0.0000000
## 1326	1.000000	0.000000	0.0000000
## 1327	1.000000	74.000000	0.0000000
## 1328	2.000000	1223.000000	4.0000000
## 1329	0.000000	0.000000	0.0000000
## 1330	4.000000	206.333333	0.0000000
## 1331	3.000000	67.000000	0.0000000
## 1332	0.000000	0.000000	0.0000000
## 1333	3.000000	242.000000	0.0000000
## 1334	0.000000	0.000000	0.0000000
## 1335	7.000000	217.833333	1.0000000
## 1336	0.000000	0.000000	0.0000000
## 1337	2.000000	136.666667	1.0000000
## 1338	12.000000	739.209195	1.0000000
## 1339	0.000000	0.000000	0.0000000

## 1340	0.000000	0.000000	0.000000
## 1341	4.000000	33.000000	0.000000
## 1342	3.000000	14.000000	0.000000
## 1343	4.000000	68.500000	2.000000
## 1344	5.000000	91.833333	0.000000
## 1345	1.000000	31.000000	0.000000
## 1346	0.000000	0.000000	0.000000
## 1347	2.000000	58.000000	0.000000
## 1348	0.000000	0.000000	0.000000
## 1349	0.000000	0.000000	0.000000
## 1350	0.000000	0.000000	0.000000
## 1351	0.000000	0.000000	0.000000
## 1352	5.000000	89.750000	0.000000
## 1353	1.000000	9.500000	0.000000
## 1354	9.000000	165.500000	0.000000
## 1355	0.000000	0.000000	0.000000
## 1356	0.000000	0.000000	0.000000
## 1357	0.000000	0.000000	0.000000
## 1358	3.000000	57.000000	0.000000
## 1359	0.000000	0.000000	1.000000
## 1360	1.000000	13.000000	0.000000
## 1361	3.000000	63.000000	0.000000
## 1362	3.000000	134.000000	0.000000
## 1363	0.000000	0.000000	0.000000
## 1364	0.000000	0.000000	0.000000
## 1365	2.000000	34.000000	0.000000
## 1366	4.000000	67.071429	0.000000
## 1367	0.000000	0.000000	0.000000
## 1368	0.000000	0.000000	0.000000
## 1369	8.000000	87.500000	0.000000
## 1370	1.000000	22.000000	0.000000
## 1371	0.000000	0.000000	0.000000
## 1372	0.000000	0.000000	0.000000
## 1373	1.000000	17.500000	0.000000
## 1374	0.000000	0.000000	0.000000
## 1375	0.000000	0.000000	0.000000
## 1376	1.000000	14.000000	0.000000
## 1377	5.000000	69.333333	1.000000
## 1378	2.000000	148.000000	0.000000
## 1379	1.000000	85.000000	4.000000
## 1380	0.000000	0.000000	0.000000
## 1381	0.000000	0.000000	0.000000
## 1382	4.000000	103.000000	1.000000
## 1383	0.000000	0.000000	0.000000
## 1384	0.000000	0.000000	0.000000
## 1385	2.000000	33.000000	0.000000
## 1386	1.000000	69.500000	0.000000
## 1387	0.000000	0.000000	0.000000
## 1388	7.000000	77.500000	0.000000
## 1389	4.000000	171.000000	0.000000
## 1390	2.000000	94.000000	0.000000
## 1391	0.000000	0.000000	0.000000
## 1392	7.000000	64.142857	1.000000
## 1393	0.000000	0.000000	0.000000

## 1394	0.000000	0.000000	0.000000
## 1395	4.000000	143.000000	1.000000
## 1396	1.000000	26.000000	0.000000
## 1397	3.000000	221.000000	0.000000
## 1398	1.000000	10.000000	0.000000
## 1399	4.000000	118.000000	3.000000
## 1400	1.000000	0.000000	0.000000
## 1401	1.000000	38.000000	0.000000
## 1402	0.000000	0.000000	0.000000
## 1403	3.000000	124.000000	0.000000
## 1404	0.000000	0.000000	0.000000
## 1405	2.000000	117.000000	0.000000
## 1406	0.000000	0.000000	0.000000
## 1407	2.000000	75.000000	0.000000
## 1408	0.000000	0.000000	0.000000
## 1409	0.000000	0.000000	0.000000
## 1410	2.000000	94.000000	0.000000
## 1411	3.000000	219.000000	0.000000
## 1412	2.000000	45.000000	0.000000
## 1413	3.000000	60.833333	0.000000
## 1414	0.000000	0.000000	0.000000
## 1415	0.000000	0.000000	3.000000
## 1416	2.000000	14.000000	0.000000
## 1417	0.000000	0.000000	0.000000
## 1418	0.000000	0.000000	0.000000
## 1419	8.000000	182.648052	6.000000
## 1420	8.000000	154.291667	0.000000
## 1421	0.000000	0.000000	0.000000
## 1422	0.000000	0.000000	0.000000
## 1423	0.000000	0.000000	0.000000
## 1424	0.000000	0.000000	0.000000
## 1425	0.000000	0.000000	0.000000
## 1426	0.000000	0.000000	0.000000
## 1427	2.000000	17.000000	1.000000
## 1428	2.000000	32.000000	1.000000
## 1429	0.000000	0.000000	0.000000
## 1430	0.000000	0.000000	1.000000
## 1431	5.000000	108.200000	0.000000
## 1432	0.000000	0.000000	0.000000
## 1433	10.000000	1559.750000	1.000000
## 1434	5.000000	249.166667	0.000000
## 1435	2.000000	37.000000	0.000000
## 1436	1.000000	0.000000	1.000000
## 1437	0.000000	0.000000	0.000000
## 1438	5.000000	65.000000	2.000000
## 1439	0.000000	0.000000	0.000000
## 1440	6.000000	143.166667	0.000000
## 1441	4.000000	66.333333	2.000000
## 1442	4.000000	14.000000	0.000000
## 1443	2.317798	80.906176	0.5039786
## 1444	2.317798	80.906176	0.5039786
## 1445	2.317798	80.906176	0.5039786
## 1446	2.317798	80.906176	0.5039786
## 1447	0.000000	0.000000	0.000000

## 1448	0.000000	0.000000	0.000000
## 1449	5.000000	102.533333	0.000000
## 1450	0.000000	0.000000	0.000000
## 1451	0.000000	0.000000	0.000000
## 1452	1.000000	85.000000	0.000000
## 1453	0.000000	0.000000	0.000000
## 1454	6.000000	197.800000	0.000000
## 1455	1.000000	63.000000	1.000000
## 1456	3.000000	31.500000	0.000000
## 1457	7.000000	81.250000	0.000000
## 1458	0.000000	0.000000	0.000000
## 1459	2.000000	120.000000	0.000000
## 1460	4.000000	149.250000	0.000000
## 1461	5.000000	172.200000	0.000000
## 1462	5.000000	523.916667	2.000000
## 1463	0.000000	0.000000	0.000000
## 1464	1.000000	19.000000	0.000000
## 1465	11.000000	377.833333	0.000000
## 1466	4.000000	129.416667	3.000000
## 1467	9.000000	298.666667	0.000000
## 1468	0.000000	0.000000	0.000000
## 1469	0.000000	0.000000	0.000000
## 1470	3.000000	59.000000	0.000000
## 1471	0.000000	0.000000	0.000000
## 1472	0.000000	0.000000	0.000000
## 1473	0.000000	0.000000	0.000000
## 1474	1.000000	5.000000	0.000000
## 1475	0.000000	0.000000	0.000000
## 1476	0.000000	0.000000	0.000000
## 1477	0.000000	0.000000	0.000000
## 1478	0.000000	0.000000	0.000000
## 1479	24.000000	876.233333	5.000000
## 1480	1.000000	95.500000	0.000000
## 1481	6.000000	129.750000	0.000000
## 1482	6.000000	408.200000	0.000000
## 1483	0.000000	0.000000	1.000000
## 1484	0.000000	0.000000	0.000000
## 1485	2.000000	24.428571	7.000000
## 1486	4.000000	52.333333	1.000000
## 1487	0.000000	0.000000	0.000000
## 1488	10.000000	382.833333	4.000000
## 1489	0.000000	0.000000	1.000000
## 1490	0.000000	0.000000	0.000000
## 1491	0.000000	0.000000	0.000000
## 1492	1.000000	27.500000	0.000000
## 1493	6.000000	475.000000	0.000000
## 1494	2.000000	6.000000	0.000000
## 1495	2.000000	210.000000	0.000000
## 1496	2.000000	31.500000	0.000000
## 1497	5.000000	46.000000	1.000000
## 1498	9.000000	546.000000	0.000000
## 1499	1.000000	47.500000	0.000000
## 1500	0.000000	0.000000	0.000000
## 1501	0.000000	0.000000	0.000000

## 1502	3.000000	48.333333	0.0000000
## 1503	0.000000	0.000000	0.0000000
## 1504	3.000000	28.500000	0.0000000
## 1505	0.000000	0.000000	0.0000000
## 1506	1.000000	30.000000	0.0000000
## 1507	2.000000	16.000000	0.0000000
## 1508	0.000000	0.000000	0.0000000
## 1509	0.000000	0.000000	0.0000000
## 1510	0.000000	0.000000	0.0000000
## 1511	1.000000	10.000000	1.0000000
## 1512	3.000000	79.000000	0.0000000
## 1513	2.000000	18.000000	0.0000000
## 1514	7.000000	250.333333	0.0000000
## 1515	2.000000	77.000000	0.0000000
## 1516	2.000000	12.000000	0.0000000
## 1517	6.000000	77.333333	1.0000000
## 1518	0.000000	0.000000	0.0000000
## 1519	0.000000	0.000000	0.0000000
## 1520	0.000000	0.000000	0.0000000
## 1521	4.000000	63.333333	0.0000000
## 1522	0.000000	0.000000	0.0000000
## 1523	7.000000	108.666667	6.0000000
## 1524	0.000000	0.000000	0.0000000
## 1525	7.000000	230.166667	3.0000000
## 1526	1.000000	3.000000	0.0000000
## 1527	0.000000	0.000000	0.0000000
## 1528	0.000000	0.000000	0.0000000
## 1529	0.000000	0.000000	0.0000000
## 1530	2.000000	15.000000	0.0000000
## 1531	0.000000	0.000000	0.0000000
## 1532	0.000000	0.000000	0.0000000
## 1533	1.000000	18.000000	4.0000000
## 1534	1.000000	5.500000	1.0000000
## 1535	0.000000	0.000000	0.0000000
## 1536	0.000000	0.000000	0.0000000
## 1537	0.000000	0.000000	0.0000000
## 1538	0.000000	0.000000	0.0000000
## 1539	3.000000	79.750000	0.0000000
## 1540	2.000000	60.000000	0.0000000
## 1541	11.000000	2047.234848	9.0000000
## 1542	3.000000	14.500000	0.0000000
## 1543	1.000000	11.428571	0.0000000
## 1544	0.000000	0.000000	0.0000000
## 1545	3.000000	32.000000	0.0000000
## 1546	0.000000	0.000000	0.0000000
## 1547	11.000000	348.654762	1.0000000
## 1548	0.000000	0.000000	0.0000000
## 1549	0.000000	0.000000	0.0000000
## 1550	7.000000	187.833333	0.0000000
## 1551	1.000000	9.000000	0.0000000
## 1552	5.000000	184.333333	1.0000000
## 1553	0.000000	0.000000	0.0000000
## 1554	2.000000	66.000000	1.0000000
## 1555	0.000000	0.000000	0.0000000

## 1556	0.000000	0.000000	0.0000000
## 1557	2.000000	124.000000	0.0000000
## 1558	0.000000	0.000000	0.0000000
## 1559	2.000000	69.000000	2.0000000
## 1560	1.000000	41.000000	0.0000000
## 1561	2.000000	14.000000	0.0000000
## 1562	0.000000	0.000000	0.0000000
## 1563	0.000000	0.000000	0.0000000
## 1564	0.000000	0.000000	0.0000000
## 1565	1.000000	24.000000	1.0000000
## 1566	0.000000	0.000000	0.0000000
## 1567	0.000000	0.000000	0.0000000
## 1568	1.000000	6.000000	0.0000000
## 1569	0.000000	0.000000	0.0000000
## 1570	1.000000	412.000000	0.0000000
## 1571	0.000000	0.000000	0.0000000
## 1572	0.000000	0.000000	0.0000000
## 1573	14.000000	1130.502941	6.0000000
## 1574	0.000000	0.000000	0.0000000
## 1575	0.000000	0.000000	0.0000000
## 1576	0.000000	0.000000	3.0000000
## 1577	0.000000	0.000000	0.0000000
## 1578	5.000000	132.466667	0.0000000
## 1579	0.000000	0.000000	0.0000000
## 1580	0.000000	0.000000	0.0000000
## 1581	0.000000	0.000000	0.0000000
## 1582	1.000000	4.000000	0.0000000
## 1583	0.000000	0.000000	0.0000000
## 1584	4.000000	82.000000	0.0000000
## 1585	0.000000	0.000000	0.0000000
## 1586	0.000000	0.000000	0.0000000
## 1587	5.000000	73.500000	0.0000000
## 1588	0.000000	0.000000	0.0000000
## 1589	4.000000	25.500000	0.0000000
## 1590	2.000000	236.000000	0.0000000
## 1591	0.000000	0.000000	0.0000000
## 1592	0.000000	0.000000	0.0000000
## 1593	4.000000	158.333333	1.0000000
## 1594	0.000000	0.000000	0.0000000
## 1595	6.000000	187.000000	0.0000000
## 1596	8.000000	206.000000	3.0000000
## 1597	1.000000	41.000000	0.0000000
## 1598	0.000000	0.000000	0.0000000
## 1599	0.000000	0.000000	0.0000000
## 1600	0.000000	0.000000	0.0000000
## 1601	0.000000	0.000000	0.0000000
## 1602	7.000000	170.000000	0.0000000
## 1603	2.000000	9.000000	1.0000000
## 1604	0.000000	0.000000	0.0000000
## 1605	0.000000	0.000000	0.0000000
## 1606	1.000000	87.000000	3.0000000
## 1607	0.000000	0.000000	0.0000000
## 1608	0.000000	0.000000	0.0000000
## 1609	0.000000	0.000000	0.0000000

## 1610	5.000000	217.666667	0.0000000
## 1611	8.000000	699.166667	0.0000000
## 1612	1.000000	9.000000	0.0000000
## 1613	8.000000	227.532692	3.0000000
## 1614	2.000000	78.000000	0.0000000
## 1615	0.000000	0.000000	0.0000000
## 1616	1.000000	4.750000	2.0000000
## 1617	6.000000	101.333333	0.0000000
## 1618	0.000000	0.000000	0.0000000
## 1619	1.000000	7.000000	2.0000000
## 1620	0.000000	0.000000	0.0000000
## 1621	3.000000	14.500000	2.0000000
## 1622	1.000000	9.000000	0.0000000
## 1623	2.000000	60.000000	0.0000000
## 1624	0.000000	0.000000	0.0000000
## 1625	1.000000	3.000000	0.0000000
## 1626	0.000000	0.000000	0.0000000
## 1627	0.000000	0.000000	0.0000000
## 1628	1.000000	54.000000	0.0000000
## 1629	0.000000	0.000000	0.0000000
## 1630	0.000000	0.000000	0.0000000
## 1631	6.000000	190.285714	6.0000000
## 1632	2.000000	15.666667	0.0000000
## 1633	8.000000	183.000000	4.0000000
## 1634	1.000000	14.000000	0.0000000
## 1635	0.000000	0.000000	0.0000000
## 1636	5.000000	248.500000	0.0000000
## 1637	0.000000	0.000000	0.0000000
## 1638	1.000000	25.000000	0.0000000
## 1639	2.000000	21.000000	0.0000000
## 1640	0.000000	0.000000	0.0000000
## 1641	0.000000	0.000000	0.0000000
## 1642	1.000000	146.000000	0.0000000
## 1643	0.000000	0.000000	1.0000000
## 1644	5.000000	274.333333	0.0000000
## 1645	14.000000	1155.666667	0.0000000
## 1646	0.000000	0.000000	0.0000000
## 1647	0.000000	0.000000	0.0000000
## 1648	6.000000	355.500000	0.0000000
## 1649	3.000000	35.000000	0.0000000
## 1650	0.000000	0.000000	0.0000000
## 1651	6.000000	99.000000	1.0000000
## 1652	0.000000	0.000000	6.0000000
## 1653	0.000000	0.000000	0.0000000
## 1654	2.000000	21.000000	0.0000000
## 1655	0.000000	0.000000	0.0000000
## 1656	0.000000	0.000000	0.0000000
## 1657	4.000000	74.000000	0.0000000
## 1658	0.000000	0.000000	1.0000000
## 1659	0.000000	0.000000	0.0000000
## 1660	0.000000	0.000000	0.0000000
## 1661	2.000000	66.000000	0.0000000
## 1662	0.000000	0.000000	0.0000000
## 1663	1.000000	24.000000	0.0000000

## 1664	5.000000	32.000000	2.0000000
## 1665	3.000000	78.000000	0.0000000
## 1666	0.000000	0.000000	0.0000000
## 1667	0.000000	0.000000	0.0000000
## 1668	0.000000	0.000000	0.0000000
## 1669	1.000000	102.500000	0.0000000
## 1670	4.000000	103.000000	0.0000000
## 1671	2.000000	52.000000	0.0000000
## 1672	0.000000	0.000000	0.0000000
## 1673	4.000000	352.000000	0.0000000
## 1674	0.000000	0.000000	0.0000000
## 1675	5.000000	120.000000	1.0000000
## 1676	9.000000	162.050000	0.0000000
## 1677	1.000000	26.000000	1.0000000
## 1678	0.000000	0.000000	0.0000000
## 1679	0.000000	0.000000	0.0000000
## 1680	0.000000	0.000000	0.0000000
## 1681	0.000000	0.000000	0.0000000
## 1682	0.000000	0.000000	0.0000000
## 1683	0.000000	0.000000	0.0000000
## 1684	0.000000	0.000000	0.0000000
## 1685	1.000000	6.000000	0.0000000
## 1686	0.000000	0.000000	0.0000000
## 1687	0.000000	0.000000	0.0000000
## 1688	6.000000	45.833333	2.0000000
## 1689	0.000000	0.000000	0.0000000
## 1690	2.000000	77.500000	0.0000000
## 1691	0.000000	0.000000	0.0000000
## 1692	4.000000	136.000000	0.0000000
## 1693	0.000000	0.000000	0.0000000
## 1694	2.000000	76.000000	0.0000000
## 1695	0.000000	0.000000	0.0000000
## 1696	0.000000	0.000000	0.0000000
## 1697	3.000000	275.000000	1.0000000
## 1698	7.000000	161.000000	3.0000000
## 1699	3.000000	206.666667	0.0000000
## 1700	0.000000	0.000000	0.0000000
## 1701	2.000000	28.000000	0.0000000
## 1702	0.000000	0.000000	0.0000000
## 1703	0.000000	0.000000	0.0000000
## 1704	2.000000	24.000000	0.0000000
## 1705	5.000000	238.375000	0.0000000
## 1706	0.000000	0.000000	0.0000000
## 1707	0.000000	0.000000	0.0000000
## 1708	0.000000	0.000000	0.0000000
## 1709	1.000000	4.000000	2.0000000
## 1710	0.000000	0.000000	0.0000000
## 1711	0.000000	0.000000	0.0000000
## 1712	0.000000	0.000000	0.0000000
## 1713	7.000000	213.391667	0.0000000
## 1714	0.000000	0.000000	0.0000000
## 1715	0.000000	0.000000	0.0000000
## 1716	0.000000	0.000000	0.0000000
## 1717	7.000000	156.000000	0.0000000

## 1718	0.000000	0.000000	0.000000
## 1719	5.000000	84.250000	0.000000
## 1720	0.000000	0.000000	0.000000
## 1721	4.000000	135.000000	0.000000
## 1722	0.000000	0.000000	0.000000
## 1723	0.000000	0.000000	0.000000
## 1724	3.000000	43.000000	0.000000
## 1725	0.000000	0.000000	0.000000
## 1726	0.000000	0.000000	0.000000
## 1727	8.000000	377.512820	3.000000
## 1728	6.000000	137.000000	0.000000
## 1729	0.000000	0.000000	0.000000
## 1730	0.000000	0.000000	0.000000
## 1731	2.000000	37.000000	0.000000
## 1732	0.000000	0.000000	0.000000
## 1733	0.000000	0.000000	0.000000
## 1734	0.000000	0.000000	0.000000
## 1735	1.000000	14.000000	1.000000
## 1736	0.000000	0.000000	0.000000
## 1737	0.000000	0.000000	1.000000
## 1738	0.000000	0.000000	0.000000
## 1739	6.000000	155.000000	0.000000
## 1740	3.000000	42.600000	2.000000
## 1741	3.000000	62.000000	2.000000
## 1742	4.000000	55.750000	0.000000
## 1743	0.000000	0.000000	0.000000
## 1744	2.000000	26.000000	0.000000
## 1745	3.000000	79.000000	0.000000
## 1746	0.000000	0.000000	0.000000
## 1747	8.000000	429.333333	1.000000
## 1748	6.000000	111.000000	0.000000
## 1749	0.000000	0.000000	0.000000
## 1750	0.000000	0.000000	0.000000
## 1751	1.000000	40.000000	5.000000
## 1752	3.000000	73.000000	0.000000
## 1753	0.000000	0.000000	0.000000
## 1754	4.000000	40.000000	2.000000
## 1755	2.000000	11.000000	0.000000
## 1756	0.000000	0.000000	0.000000
## 1757	0.000000	0.000000	0.000000
## 1758	6.000000	55.000000	1.000000
## 1759	0.000000	0.000000	0.000000
## 1760	0.000000	0.000000	0.000000
## 1761	8.000000	167.000000	3.000000
## 1762	0.000000	0.000000	0.000000
## 1763	6.000000	139.000000	0.000000
## 1764	0.000000	0.000000	0.000000
## 1765	2.000000	22.000000	1.000000
## 1766	2.000000	134.000000	0.000000
## 1767	3.000000	39.000000	0.000000
## 1768	0.000000	0.000000	2.000000
## 1769	2.000000	110.000000	0.000000
## 1770	0.000000	0.000000	0.000000
## 1771	2.000000	43.000000	0.000000

## 1772	0.000000	0.000000	0.0000000
## 1773	4.000000	485.333333	2.0000000
## 1774	1.000000	100.000000	2.0000000
## 1775	0.000000	0.000000	0.0000000
## 1776	4.000000	70.500000	0.0000000
## 1777	0.000000	0.000000	0.0000000
## 1778	0.000000	0.000000	0.0000000
## 1779	2.000000	10.000000	2.0000000
## 1780	3.000000	160.500000	0.0000000
## 1781	0.000000	0.000000	0.0000000
## 1782	0.000000	0.000000	0.0000000
## 1783	0.000000	0.000000	0.0000000
## 1784	0.000000	0.000000	1.0000000
## 1785	0.000000	0.000000	0.0000000
## 1786	5.000000	1283.000000	3.0000000
## 1787	7.000000	63.500000	5.0000000
## 1788	2.000000	24.600000	0.0000000
## 1789	3.000000	22.833333	0.0000000
## 1790	12.000000	187.277778	3.0000000
## 1791	2.000000	98.250000	0.0000000
## 1792	0.000000	0.000000	0.0000000
## 1793	3.000000	23.000000	0.0000000
## 1794	0.000000	0.000000	0.0000000
## 1795	0.000000	0.000000	0.0000000
## 1796	0.000000	0.000000	0.0000000
## 1797	2.000000	89.000000	3.0000000
## 1798	1.000000	45.000000	0.0000000
## 1799	3.000000	31.600000	0.0000000
## 1800	0.000000	0.000000	0.0000000
## 1801	3.000000	648.000000	4.0000000
## 1802	0.000000	0.000000	0.0000000
## 1803	3.000000	18.750000	0.0000000
## 1804	0.000000	0.000000	0.0000000
## 1805	2.000000	28.000000	2.0000000
## 1806	0.000000	0.000000	0.0000000
## 1807	0.000000	0.000000	0.0000000
## 1808	4.000000	197.000000	1.0000000
## 1809	7.000000	211.500000	0.0000000
## 1810	0.000000	0.000000	0.0000000
## 1811	0.000000	0.000000	0.0000000
## 1812	5.000000	494.166667	0.0000000
## 1813	0.000000	0.000000	0.0000000
## 1814	10.000000	511.500000	4.0000000
## 1815	3.000000	58.066667	0.0000000
## 1816	0.000000	0.000000	0.0000000
## 1817	2.000000	125.500000	0.0000000
## 1818	8.000000	387.600000	3.0000000
## 1819	5.000000	143.833333	1.0000000
## 1820	1.000000	6.000000	0.0000000
## 1821	1.000000	11.500000	0.0000000
## 1822	0.000000	0.000000	0.0000000
## 1823	5.000000	141.000000	0.0000000
## 1824	2.000000	135.000000	1.0000000
## 1825	0.000000	0.000000	0.0000000

## 1826	0.000000	0.000000	0.0000000
## 1827	4.000000	48.000000	0.0000000
## 1828	8.000000	57.062500	3.0000000
## 1829	2.000000	6.000000	1.0000000
## 1830	0.000000	0.000000	0.0000000
## 1831	2.000000	7.000000	0.0000000
## 1832	4.000000	63.000000	0.0000000
## 1833	0.000000	0.000000	0.0000000
## 1834	1.000000	40.000000	0.0000000
## 1835	5.000000	28.000000	0.0000000
## 1836	1.000000	12.833333	3.0000000
## 1837	0.000000	0.000000	1.0000000
## 1838	4.000000	179.607143	2.0000000
## 1839	0.000000	0.000000	0.0000000
## 1840	6.000000	135.650000	0.0000000
## 1841	0.000000	0.000000	0.0000000
## 1842	4.000000	62.500000	1.0000000
## 1843	1.000000	30.000000	0.0000000
## 1844	0.000000	0.000000	0.0000000
## 1845	2.000000	21.000000	0.0000000
## 1846	0.000000	0.000000	0.0000000
## 1847	4.000000	56.000000	0.0000000
## 1848	0.000000	0.000000	0.0000000
## 1849	0.000000	0.000000	0.0000000
## 1850	3.000000	40.000000	0.0000000
## 1851	0.000000	0.000000	0.0000000
## 1852	3.000000	36.000000	1.0000000
## 1853	4.000000	45.333333	0.0000000
## 1854	3.000000	39.600000	0.0000000
## 1855	0.000000	0.000000	0.0000000
## 1856	2.000000	35.000000	0.0000000
## 1857	6.000000	228.000000	5.0000000
## 1858	0.000000	0.000000	0.0000000
## 1859	0.000000	0.000000	0.0000000
## 1860	1.000000	34.000000	2.0000000
## 1861	0.000000	0.000000	0.0000000
## 1862	9.000000	309.000000	0.0000000
## 1863	13.000000	456.988095	3.0000000
## 1864	0.000000	0.000000	0.0000000
## 1865	5.000000	78.500000	1.0000000
## 1866	1.000000	75.000000	4.0000000
## 1867	4.000000	99.500000	0.0000000
## 1868	1.000000	28.000000	0.0000000
## 1869	0.000000	0.000000	0.0000000
## 1870	0.000000	0.000000	0.0000000
## 1871	0.000000	0.000000	0.0000000
## 1872	0.000000	0.000000	0.0000000
## 1873	4.000000	64.000000	0.0000000
## 1874	2.000000	37.000000	0.0000000
## 1875	6.000000	163.666667	10.0000000
## 1876	5.000000	333.000000	2.0000000
## 1877	0.000000	0.000000	0.0000000
## 1878	0.000000	0.000000	0.0000000
## 1879	1.000000	51.000000	2.0000000

## 1880	1.000000	44.000000	0.0000000
## 1881	5.000000	825.000000	0.0000000
## 1882	3.000000	44.000000	0.0000000
## 1883	4.000000	203.833333	0.0000000
## 1884	0.000000	0.000000	0.0000000
## 1885	8.000000	195.316667	0.0000000
## 1886	0.000000	0.000000	0.0000000
## 1887	0.000000	0.000000	0.0000000
## 1888	0.000000	0.000000	0.0000000
## 1889	2.000000	9.500000	0.0000000
## 1890	0.000000	0.000000	0.0000000
## 1891	0.000000	0.000000	0.0000000
## 1892	0.000000	0.000000	0.0000000
## 1893	0.000000	0.000000	0.0000000
## 1894	0.000000	0.000000	0.0000000
## 1895	9.000000	74.333333	1.0000000
## 1896	1.000000	7.000000	1.0000000
## 1897	1.000000	13.000000	0.0000000
## 1898	1.000000	0.000000	0.0000000
## 1899	4.000000	55.500000	0.0000000
## 1900	2.000000	80.666667	0.0000000
## 1901	0.000000	0.000000	0.0000000
## 1902	7.000000	156.716667	0.0000000
## 1903	0.000000	0.000000	0.0000000
## 1904	3.000000	172.000000	0.0000000
## 1905	0.000000	0.000000	0.0000000
## 1906	5.000000	146.000000	0.0000000
## 1907	3.000000	13.000000	0.0000000
## 1908	0.000000	0.000000	0.0000000
## 1909	0.000000	0.000000	0.0000000
## 1910	1.000000	11.000000	0.0000000
## 1911	3.000000	42.000000	0.0000000
## 1912	3.000000	33.000000	0.0000000
## 1913	0.000000	0.000000	0.0000000
## 1914	0.000000	0.000000	1.0000000
## 1915	1.000000	38.000000	0.0000000
## 1916	9.000000	324.300000	4.0000000
## 1917	5.000000	413.500000	0.0000000
## 1918	0.000000	0.000000	2.0000000
## 1919	5.000000	55.500000	0.0000000
## 1920	0.000000	0.000000	0.0000000
## 1921	0.000000	0.000000	0.0000000
## 1922	7.000000	75.050000	0.0000000
## 1923	3.000000	43.000000	0.0000000
## 1924	0.000000	0.000000	0.0000000
## 1925	0.000000	0.000000	0.0000000
## 1926	0.000000	0.000000	0.0000000
## 1927	0.000000	0.000000	0.0000000
## 1928	0.000000	0.000000	0.0000000
## 1929	2.000000	77.000000	0.0000000
## 1930	1.000000	29.000000	1.0000000
## 1931	3.000000	78.000000	0.0000000
## 1932	3.000000	52.000000	0.0000000
## 1933	0.000000	0.000000	0.0000000

## 1934	8.000000	354.833333	1.0000000
## 1935	0.000000	0.000000	0.0000000
## 1936	0.000000	0.000000	1.0000000
## 1937	0.000000	0.000000	0.0000000
## 1938	7.000000	169.500000	0.0000000
## 1939	0.000000	0.000000	0.0000000
## 1940	0.000000	0.000000	0.0000000
## 1941	6.000000	104.000000	1.0000000
## 1942	2.000000	4.000000	0.0000000
## 1943	9.000000	81.000000	0.0000000
## 1944	1.000000	0.000000	0.0000000
## 1945	0.000000	0.000000	1.0000000
## 1946	0.000000	0.000000	0.0000000
## 1947	12.000000	765.666667	0.0000000
## 1948	13.000000	214.882353	0.0000000
## 1949	1.000000	143.000000	4.0000000
## 1950	0.000000	0.000000	0.0000000
## 1951	2.000000	15.500000	0.0000000
## 1952	0.000000	0.000000	0.0000000
## 1953	2.000000	42.000000	0.0000000
## 1954	0.000000	0.000000	0.0000000
## 1955	1.000000	702.000000	0.0000000
## 1956	4.000000	22.500000	0.0000000
## 1957	1.000000	14.000000	0.0000000
## 1958	3.000000	188.000000	0.0000000
## 1959	8.000000	352.242857	6.0000000
## 1960	4.000000	73.750000	1.0000000
## 1961	0.000000	0.000000	0.0000000
## 1962	0.000000	0.000000	0.0000000
## 1963	1.000000	95.000000	0.0000000
## 1964	0.000000	0.000000	0.0000000
## 1965	6.000000	145.000000	6.0000000
## 1966	0.000000	0.000000	0.0000000
## 1967	3.000000	221.500000	4.0000000
## 1968	0.000000	0.000000	0.0000000
## 1969	4.000000	82.500000	3.0000000
## 1970	6.000000	92.000000	3.0000000
## 1971	9.000000	183.500000	2.0000000
## 1972	0.000000	0.000000	0.0000000
## 1973	2.000000	36.000000	0.0000000
## 1974	8.000000	139.681818	8.0000000
## 1975	4.000000	50.500000	3.0000000
## 1976	9.000000	124.125000	0.0000000
## 1977	0.000000	0.000000	0.0000000
## 1978	0.000000	0.000000	0.0000000
## 1979	1.000000	5.000000	0.0000000
## 1980	0.000000	0.000000	1.0000000
## 1981	2.000000	47.500000	0.0000000
## 1982	0.000000	0.000000	0.0000000
## 1983	0.000000	0.000000	0.0000000
## 1984	0.000000	0.000000	0.0000000
## 1985	0.000000	0.000000	0.0000000
## 1986	4.000000	55.325758	0.0000000
## 1987	0.000000	0.000000	0.0000000

## 1988	0.000000	0.000000	0.0000000
## 1989	1.000000	185.000000	6.0000000
## 1990	13.000000	241.766667	0.0000000
## 1991	5.000000	145.500000	0.0000000
## 1992	2.000000	160.000000	0.0000000
## 1993	2.000000	28.666667	0.0000000
## 1994	0.000000	0.000000	0.0000000
## 1995	6.000000	253.000000	0.0000000
## 1996	2.317798	80.906176	0.5039786
## 1997	2.317798	80.906176	0.5039786
## 1998	2.000000	220.333333	1.0000000
## 1999	7.000000	445.333333	1.0000000
## 2000	2.000000	50.000000	0.0000000
## 2001	0.000000	0.000000	0.0000000
## 2002	5.000000	76.000000	0.0000000
## 2003	13.000000	654.775000	8.0000000
## 2004	0.000000	-1.000000	0.0000000
## 2005	0.000000	0.000000	0.0000000
## 2006	0.000000	0.000000	0.0000000
## 2007	0.000000	0.000000	0.0000000
## 2008	0.000000	0.000000	0.0000000
## 2009	5.000000	87.000000	0.0000000
## 2010	0.000000	-1.000000	0.0000000
## 2011	2.000000	17.000000	0.0000000
## 2012	0.000000	0.000000	0.0000000
## 2013	0.000000	0.000000	0.0000000
## 2014	3.000000	96.000000	0.0000000
## 2015	0.000000	0.000000	0.0000000
## 2016	0.000000	0.000000	0.0000000
## 2017	0.000000	-1.000000	0.0000000
## 2018	4.000000	35.125000	0.0000000
## 2019	4.000000	71.500000	0.0000000
## 2020	9.000000	222.500000	2.0000000
## 2021	4.000000	200.833333	0.0000000
## 2022	2.000000	33.500000	1.0000000
## 2023	0.000000	0.000000	0.0000000
## 2024	0.000000	0.000000	0.0000000
## 2025	7.000000	120.500000	0.0000000
## 2026	5.000000	243.666667	1.0000000
## 2027	5.000000	53.000000	1.0000000
## 2028	0.000000	0.000000	0.0000000
## 2029	4.000000	148.500000	1.0000000
## 2030	0.000000	0.000000	0.0000000
## 2031	0.000000	0.000000	1.0000000
## 2032	1.000000	6.000000	0.0000000
## 2033	2.000000	26.000000	0.0000000
## 2034	1.000000	6.000000	0.0000000
## 2035	5.000000	129.500000	0.0000000
## 2036	3.000000	223.000000	1.0000000
## 2037	0.000000	0.000000	0.0000000
## 2038	0.000000	0.000000	0.0000000
## 2039	0.000000	0.000000	0.0000000
## 2040	1.000000	5.000000	0.0000000
## 2041	2.000000	91.000000	3.0000000

## 2042	1.000000	78.000000	0.0000000
## 2043	0.000000	0.000000	0.0000000
## 2044	0.000000	0.000000	0.0000000
## 2045	0.000000	0.000000	0.0000000
## 2046	3.000000	46.500000	0.0000000
## 2047	0.000000	0.000000	0.0000000
## 2048	0.000000	0.000000	0.0000000
## 2049	2.000000	254.000000	1.0000000
## 2050	0.000000	0.000000	0.0000000
## 2051	0.000000	0.000000	0.0000000
## 2052	0.000000	0.000000	0.0000000
## 2053	0.000000	0.000000	0.0000000
## 2054	5.000000	85.666667	0.0000000
## 2055	3.000000	154.500000	0.0000000
## 2056	0.000000	0.000000	0.0000000
## 2057	0.000000	0.000000	0.0000000
## 2058	0.000000	0.000000	0.0000000
## 2059	7.000000	598.000000	3.0000000
## 2060	0.000000	0.000000	0.0000000
## 2061	1.000000	3.000000	0.0000000
## 2062	0.000000	0.000000	0.0000000
## 2063	1.000000	7.000000	0.0000000
## 2064	0.000000	0.000000	0.0000000
## 2065	3.000000	226.954545	0.0000000
## 2066	6.000000	97.882353	2.0000000
## 2067	4.000000	515.600000	0.0000000
## 2068	1.000000	397.500000	3.0000000
## 2069	2.000000	16.500000	0.0000000
## 2070	2.000000	30.000000	0.0000000
## 2071	6.000000	60.000000	1.0000000
## 2072	0.000000	0.000000	0.0000000
## 2073	0.000000	0.000000	0.0000000
## 2074	1.000000	22.750000	0.0000000
## 2075	0.000000	0.000000	0.0000000
## 2076	4.000000	46.500000	0.0000000
## 2077	0.000000	0.000000	0.0000000
## 2078	3.000000	27.000000	0.0000000
## 2079	3.000000	23.000000	0.0000000
## 2080	0.000000	0.000000	0.0000000
## 2081	3.000000	62.000000	0.0000000
## 2082	2.000000	102.000000	0.0000000
## 2083	0.000000	0.000000	0.0000000
## 2084	3.000000	61.000000	0.0000000
## 2085	0.000000	0.000000	0.0000000
## 2086	0.000000	0.000000	0.0000000
## 2087	0.000000	0.000000	0.0000000
## 2088	7.000000	238.466667	7.0000000
## 2089	1.000000	92.000000	0.0000000
## 2090	0.000000	0.000000	0.0000000
## 2091	0.000000	0.000000	0.0000000
## 2092	0.000000	0.000000	0.0000000
## 2093	0.000000	0.000000	0.0000000
## 2094	0.000000	0.000000	0.0000000
## 2095	0.000000	0.000000	0.0000000

## 2096	9.000000	175.933333	0.000000
## 2097	0.000000	0.000000	0.000000
## 2098	0.000000	0.000000	0.000000
## 2099	4.000000	47.000000	0.000000
## 2100	4.000000	92.000000	0.000000
## 2101	1.000000	4.000000	0.000000
## 2102	0.000000	0.000000	0.000000
## 2103	0.000000	0.000000	0.000000
## 2104	0.000000	0.000000	0.000000
## 2105	0.000000	0.000000	0.000000
## 2106	2.000000	675.333333	0.000000
## 2107	0.000000	0.000000	0.000000
## 2108	2.000000	37.000000	1.000000
## 2109	2.000000	129.000000	0.000000
## 2110	0.000000	0.000000	0.000000
## 2111	0.000000	0.000000	0.000000
## 2112	0.000000	0.000000	0.000000
## 2113	0.000000	0.000000	0.000000
## 2114	0.000000	0.000000	0.000000
## 2115	0.000000	0.000000	0.000000
## 2116	2.000000	144.000000	0.000000
## 2117	1.000000	6.000000	0.000000
## 2118	0.000000	0.000000	0.000000
## 2119	1.000000	0.000000	0.000000
## 2120	7.000000	89.500000	0.000000
## 2121	3.000000	91.750000	0.000000
## 2122	0.000000	0.000000	0.000000
## 2123	1.000000	81.000000	0.000000
## 2124	0.000000	0.000000	0.000000
## 2125	3.000000	296.000000	0.000000
## 2126	0.000000	0.000000	0.000000
## 2127	0.000000	0.000000	0.000000
## 2128	0.000000	0.000000	0.000000
## 2129	3.000000	269.166667	0.000000
## 2130	3.000000	168.750000	0.000000
## 2131	0.000000	0.000000	0.000000
## 2132	0.000000	0.000000	0.000000
## 2133	0.000000	0.000000	0.000000
## 2134	3.000000	430.833333	1.000000
## 2135	0.000000	0.000000	0.000000
## 2136	0.000000	0.000000	0.000000
## 2137	7.000000	150.500000	0.000000
## 2138	0.000000	0.000000	0.000000
## 2139	0.000000	0.000000	0.000000
## 2140	2.000000	53.000000	0.000000
## 2141	3.000000	102.000000	2.000000
## 2142	5.000000	47.500000	0.000000
## 2143	0.000000	0.000000	0.000000
## 2144	5.000000	724.500000	0.000000
## 2145	0.000000	0.000000	0.000000
## 2146	0.000000	0.000000	1.000000
## 2147	1.000000	7.500000	0.000000
## 2148	1.000000	28.000000	4.000000
## 2149	4.000000	130.500000	2.000000

## 2150	0.000000	0.000000	0.0000000
## 2151	0.000000	0.000000	0.0000000
## 2152	0.000000	0.000000	0.0000000
## 2153	0.000000	0.000000	0.0000000
## 2154	0.000000	0.000000	0.0000000
## 2155	2.000000	96.000000	0.0000000
## 2156	7.000000	228.125000	0.0000000
## 2157	7.000000	133.166667	2.0000000
## 2158	9.000000	357.250000	3.0000000
## 2159	0.000000	0.000000	3.0000000
## 2160	3.000000	14.000000	0.0000000
## 2161	1.000000	6.000000	0.0000000
## 2162	0.000000	0.000000	0.0000000
## 2163	0.000000	0.000000	0.0000000
## 2164	2.000000	418.666667	0.0000000
## 2165	6.000000	335.119048	1.0000000
## 2166	0.000000	0.000000	0.0000000
## 2167	0.000000	0.000000	0.0000000
## 2168	1.000000	10.000000	0.0000000
## 2169	9.000000	329.297619	1.0000000
## 2170	6.000000	91.984848	3.0000000
## 2171	2.000000	47.000000	0.0000000
## 2172	6.000000	153.275000	3.0000000
## 2173	4.000000	86.000000	0.0000000
## 2174	0.000000	0.000000	0.0000000
## 2175	6.000000	89.000000	3.0000000
## 2176	0.000000	0.000000	0.0000000
## 2177	2.000000	2.000000	0.0000000
## 2178	0.000000	0.000000	0.0000000
## 2179	0.000000	0.000000	0.0000000
## 2180	1.000000	0.000000	0.0000000
## 2181	0.000000	0.000000	2.0000000
## 2182	2.000000	48.000000	0.0000000
## 2183	10.000000	527.000000	3.0000000
## 2184	1.000000	135.500000	0.0000000
## 2185	0.000000	0.000000	0.0000000
## 2186	3.000000	133.500000	4.0000000
## 2187	7.000000	186.100000	0.0000000
## 2188	0.000000	0.000000	0.0000000
## 2189	0.000000	0.000000	0.0000000
## 2190	5.000000	69.000000	4.0000000
## 2191	0.000000	0.000000	0.0000000
## 2192	0.000000	0.000000	0.0000000
## 2193	4.000000	91.000000	1.0000000
## 2194	0.000000	0.000000	0.0000000
## 2195	0.000000	0.000000	0.0000000
## 2196	0.000000	0.000000	0.0000000
## 2197	5.000000	43.400000	0.0000000
## 2198	4.000000	32.666667	0.0000000
## 2199	6.000000	86.200000	0.0000000
## 2200	0.000000	0.000000	1.0000000
## 2201	1.000000	299.000000	0.0000000
## 2202	10.000000	295.694056	0.0000000
## 2203	2.000000	14.500000	0.0000000

## 2204	1.000000	41.000000	4.0000000
## 2205	0.000000	0.000000	0.0000000
## 2206	0.000000	0.000000	1.0000000
## 2207	0.000000	0.000000	0.0000000
## 2208	3.000000	177.000000	0.0000000
## 2209	3.000000	77.000000	5.0000000
## 2210	5.000000	187.266667	2.0000000
## 2211	5.000000	587.000000	0.0000000
## 2212	3.000000	76.500000	2.0000000
## 2213	1.000000	35.000000	1.0000000
## 2214	0.000000	0.000000	2.0000000
## 2215	1.000000	7.000000	1.0000000
## 2216	0.000000	0.000000	0.0000000
## 2217	15.000000	161.764411	7.0000000
## 2218	0.000000	0.000000	0.0000000
## 2219	0.000000	0.000000	0.0000000
## 2220	1.000000	5.000000	0.0000000
## 2221	0.000000	0.000000	0.0000000
## 2222	1.000000	25.000000	0.0000000
## 2223	0.000000	0.000000	1.0000000
## 2224	2.000000	36.500000	0.0000000
## 2225	2.000000	145.000000	0.0000000
## 2226	1.000000	13.000000	0.0000000
## 2227	0.000000	0.000000	0.0000000
## 2228	0.000000	0.000000	6.0000000
## 2229	3.000000	80.000000	0.0000000
## 2230	7.000000	75.846154	4.0000000
## 2231	0.000000	0.000000	0.0000000
## 2232	7.000000	164.500000	0.0000000
## 2233	4.000000	309.000000	0.0000000
## 2234	0.000000	0.000000	1.0000000
## 2235	3.000000	47.000000	0.0000000
## 2236	0.000000	0.000000	1.0000000
## 2237	0.000000	0.000000	0.0000000
## 2238	0.000000	0.000000	0.0000000
## 2239	12.000000	240.200000	0.0000000
## 2240	0.000000	0.000000	0.0000000
## 2241	0.000000	0.000000	0.0000000
## 2242	0.000000	0.000000	0.0000000
## 2243	2.000000	123.000000	0.0000000
## 2244	0.000000	0.000000	0.0000000
## 2245	2.000000	29.333333	0.0000000
## 2246	1.000000	47.000000	0.0000000
## 2247	5.000000	152.875000	2.0000000
## 2248	0.000000	0.000000	0.0000000
## 2249	0.000000	0.000000	0.0000000
## 2250	0.000000	0.000000	0.0000000
## 2251	0.000000	0.000000	0.0000000
## 2252	1.000000	10.000000	1.0000000
## 2253	0.000000	0.000000	0.0000000
## 2254	0.000000	0.000000	0.0000000
## 2255	4.000000	96.500000	0.0000000
## 2256	3.000000	44.000000	4.0000000
## 2257	0.000000	0.000000	0.0000000

## 2258	1.000000	35.000000	0.0000000
## 2259	0.000000	0.000000	0.0000000
## 2260	5.000000	72.500000	0.0000000
## 2261	1.000000	38.000000	1.0000000
## 2262	0.000000	0.000000	0.0000000
## 2263	0.000000	0.000000	0.0000000
## 2264	3.000000	76.750000	1.0000000
## 2265	0.000000	0.000000	0.0000000
## 2266	2.000000	353.000000	0.0000000
## 2267	15.000000	275.910444	6.0000000
## 2268	4.000000	104.500000	4.0000000
## 2269	0.000000	0.000000	0.0000000
## 2270	3.000000	134.000000	0.0000000
## 2271	0.000000	0.000000	0.0000000
## 2272	0.000000	0.000000	0.0000000
## 2273	6.000000	43.100000	0.0000000
## 2274	8.000000	119.000000	0.0000000
## 2275	0.000000	0.000000	2.0000000
## 2276	0.000000	0.000000	0.0000000
## 2277	4.000000	38.500000	1.0000000
## 2278	0.000000	0.000000	0.0000000
## 2279	2.000000	16.666667	0.0000000
## 2280	0.000000	0.000000	0.0000000
## 2281	0.000000	0.000000	0.0000000
## 2282	2.000000	18.000000	4.0000000
## 2283	3.000000	231.000000	0.0000000
## 2284	0.000000	0.000000	0.0000000
## 2285	1.000000	24.000000	0.0000000
## 2286	0.000000	0.000000	0.0000000
## 2287	1.000000	0.000000	0.0000000
## 2288	0.000000	0.000000	0.0000000
## 2289	0.000000	0.000000	0.0000000
## 2290	4.000000	92.250000	1.0000000
## 2291	7.000000	145.000000	0.0000000
## 2292	4.000000	155.500000	0.0000000
## 2293	7.000000	135.916667	0.0000000
## 2294	0.000000	0.000000	0.0000000
## 2295	0.000000	0.000000	1.0000000
## 2296	0.000000	0.000000	0.0000000
## 2297	5.000000	119.150000	0.0000000
## 2298	0.000000	0.000000	0.0000000
## 2299	0.000000	0.000000	0.0000000
## 2300	0.000000	0.000000	0.0000000
## 2301	8.000000	123.000000	0.0000000
## 2302	4.000000	59.000000	0.0000000
## 2303	4.000000	107.533333	2.0000000
## 2304	3.000000	84.000000	0.0000000
## 2305	0.000000	0.000000	0.0000000
## 2306	0.000000	0.000000	0.0000000
## 2307	0.000000	0.000000	0.0000000
## 2308	0.000000	0.000000	0.0000000
## 2309	0.000000	0.000000	0.0000000
## 2310	0.000000	0.000000	0.0000000
## 2311	0.000000	0.000000	0.0000000

## 2312	4.000000	124.000000	0.0000000
## 2313	0.000000	0.000000	0.0000000
## 2314	2.000000	61.166667	0.0000000
## 2315	2.000000	39.500000	1.0000000
## 2316	0.000000	0.000000	1.0000000
## 2317	0.000000	0.000000	0.0000000
## 2318	0.000000	0.000000	0.0000000
## 2319	0.000000	0.000000	0.0000000
## 2320	0.000000	0.000000	0.0000000
## 2321	8.000000	217.000000	2.0000000
## 2322	1.000000	80.000000	2.0000000
## 2323	0.000000	0.000000	0.0000000
## 2324	6.000000	124.500000	5.0000000
## 2325	3.000000	277.666667	1.0000000
## 2326	8.000000	398.700000	0.0000000
## 2327	0.000000	0.000000	0.0000000
## 2328	1.000000	56.000000	0.0000000
## 2329	1.000000	29.000000	0.0000000
## 2330	0.000000	0.000000	0.0000000
## 2331	5.000000	147.750000	0.0000000
## 2332	0.000000	0.000000	0.0000000
## 2333	0.000000	0.000000	0.0000000
## 2334	4.000000	149.500000	3.0000000
## 2335	0.000000	0.000000	1.0000000
## 2336	0.000000	0.000000	0.0000000
## 2337	2.000000	13.500000	0.0000000
## 2338	0.000000	0.000000	0.0000000
## 2339	3.000000	42.333333	0.0000000
## 2340	0.000000	0.000000	0.0000000
## 2341	0.000000	0.000000	0.0000000
## 2342	0.000000	0.000000	0.0000000
## 2343	6.000000	34.000000	0.0000000
## 2344	7.000000	200.500000	0.0000000
## 2345	4.000000	85.000000	0.0000000
## 2346	7.000000	424.166667	0.0000000
## 2347	0.000000	0.000000	0.0000000
## 2348	0.000000	0.000000	0.0000000
## 2349	0.000000	0.000000	0.0000000
## 2350	3.000000	65.166667	2.0000000
## 2351	0.000000	0.000000	0.0000000
## 2352	10.000000	220.000000	2.0000000
## 2353	0.000000	0.000000	0.0000000
## 2354	6.000000	389.750000	3.0000000
## 2355	8.000000	462.000000	1.0000000
## 2356	0.000000	0.000000	0.0000000
## 2357	0.000000	0.000000	0.0000000
## 2358	2.000000	37.000000	0.0000000
## 2359	0.000000	0.000000	0.0000000
## 2360	2.000000	28.000000	0.0000000
## 2361	5.000000	118.700000	1.0000000
## 2362	0.000000	0.000000	0.0000000
## 2363	0.000000	0.000000	0.0000000
## 2364	0.000000	0.000000	0.0000000
## 2365	3.000000	9.000000	0.0000000

## 2366	2.000000	89.750000	1.0000000
## 2367	0.000000	0.000000	0.0000000
## 2368	0.000000	0.000000	0.0000000
## 2369	9.000000	281.750000	2.0000000
## 2370	10.000000	513.553571	9.0000000
## 2371	1.000000	0.000000	0.0000000
## 2372	0.000000	0.000000	0.0000000
## 2373	0.000000	0.000000	0.0000000
## 2374	4.000000	69.000000	1.0000000
## 2375	0.000000	0.000000	0.0000000
## 2376	3.000000	131.750000	0.0000000
## 2377	4.000000	15.500000	0.0000000
## 2378	0.000000	0.000000	0.0000000
## 2379	1.000000	4.000000	0.0000000
## 2380	0.000000	0.000000	0.0000000
## 2381	1.000000	4.500000	0.0000000
## 2382	0.000000	0.000000	0.0000000
## 2383	11.000000	143.833333	3.0000000
## 2384	0.000000	0.000000	0.0000000
## 2385	0.000000	0.000000	0.0000000
## 2386	0.000000	0.000000	0.0000000
## 2387	0.000000	0.000000	0.0000000
## 2388	0.000000	0.000000	0.0000000
## 2389	1.000000	3.000000	0.0000000
## 2390	0.000000	0.000000	0.0000000
## 2391	0.000000	0.000000	0.0000000
## 2392	0.000000	0.000000	0.0000000
## 2393	0.000000	0.000000	2.0000000
## 2394	0.000000	0.000000	0.0000000
## 2395	2.000000	37.000000	0.0000000
## 2396	8.000000	181.166667	3.0000000
## 2397	0.000000	0.000000	0.0000000
## 2398	3.000000	45.000000	0.0000000
## 2399	2.000000	33.000000	0.0000000
## 2400	3.000000	54.500000	4.0000000
## 2401	2.000000	1687.500000	0.0000000
## 2402	0.000000	0.000000	0.0000000
## 2403	0.000000	0.000000	0.0000000
## 2404	0.000000	0.000000	0.0000000
## 2405	0.000000	0.000000	0.0000000
## 2406	7.000000	146.000000	2.0000000
## 2407	2.000000	20.000000	0.0000000
## 2408	0.000000	0.000000	0.0000000
## 2409	4.000000	431.000000	0.0000000
## 2410	0.000000	0.000000	0.0000000
## 2411	0.000000	0.000000	0.0000000
## 2412	11.000000	210.855556	0.0000000
## 2413	0.000000	0.000000	0.0000000
## 2414	3.000000	58.333333	0.0000000
## 2415	2.000000	32.000000	0.0000000
## 2416	1.000000	5.000000	0.0000000
## 2417	0.000000	0.000000	0.0000000
## 2418	0.000000	0.000000	0.0000000
## 2419	0.000000	0.000000	2.0000000

## 2420	5.000000	52.000000	0.0000000
## 2421	0.000000	0.000000	2.0000000
## 2422	1.000000	27.000000	0.0000000
## 2423	7.000000	92.500000	0.0000000
## 2424	5.000000	70.000000	0.0000000
## 2425	0.000000	0.000000	0.0000000
## 2426	3.000000	49.333333	2.0000000
## 2427	5.000000	427.000000	2.0000000
## 2428	14.000000	662.535714	2.0000000
## 2429	0.000000	0.000000	0.0000000
## 2430	0.000000	0.000000	0.0000000
## 2431	5.000000	626.000000	1.0000000
## 2432	0.000000	0.000000	0.0000000
## 2433	2.000000	109.000000	5.0000000
## 2434	0.000000	0.000000	0.0000000
## 2435	0.000000	0.000000	0.0000000
## 2436	3.000000	91.000000	0.0000000
## 2437	0.000000	0.000000	0.0000000
## 2438	2.000000	23.000000	0.0000000
## 2439	8.000000	131.333333	1.0000000
## 2440	0.000000	0.000000	0.0000000
## 2441	9.000000	128.571429	1.0000000
## 2442	0.000000	0.000000	0.0000000
## 2443	0.000000	0.000000	0.0000000
## 2444	5.000000	230.333333	2.0000000
## 2445	2.000000	90.000000	0.0000000
## 2446	7.000000	245.333333	0.0000000
## 2447	0.000000	0.000000	0.0000000
## 2448	0.000000	0.000000	0.0000000
## 2449	0.000000	0.000000	0.0000000
## 2450	0.000000	0.000000	0.0000000
## 2451	0.000000	0.000000	0.0000000
## 2452	1.000000	337.000000	1.0000000
## 2453	0.000000	0.000000	0.0000000
## 2454	0.000000	0.000000	0.0000000
## 2455	0.000000	0.000000	0.0000000
## 2456	3.000000	117.500000	0.0000000
## 2457	0.000000	0.000000	0.0000000
## 2458	6.000000	105.500000	0.0000000
## 2459	0.000000	0.000000	0.0000000
## 2460	6.000000	62.500000	0.0000000
## 2461	0.000000	0.000000	0.0000000
## 2462	5.000000	243.000000	0.0000000
## 2463	1.000000	9.000000	0.0000000
## 2464	0.000000	0.000000	0.0000000
## 2465	0.000000	0.000000	0.0000000
## 2466	0.000000	0.000000	0.0000000
## 2467	2.000000	16.500000	0.0000000
## 2468	1.000000	0.000000	0.0000000
## 2469	2.000000	40.000000	0.0000000
## 2470	2.000000	12.000000	0.0000000
## 2471	0.000000	0.000000	2.0000000
## 2472	0.000000	0.000000	0.0000000
## 2473	0.000000	0.000000	0.0000000

## 2474	0.000000	0.000000	0.0000000
## 2475	0.000000	0.000000	0.0000000
## 2476	0.000000	0.000000	0.0000000
## 2477	2.000000	58.000000	5.0000000
## 2478	0.000000	0.000000	0.0000000
## 2479	11.000000	79.750000	0.0000000
## 2480	6.000000	109.500000	1.0000000
## 2481	0.000000	0.000000	1.0000000
## 2482	0.000000	0.000000	0.0000000
## 2483	0.000000	0.000000	0.0000000
## 2484	1.000000	47.166667	1.0000000
## 2485	2.000000	115.000000	2.0000000
## 2486	0.000000	0.000000	0.0000000
## 2487	0.000000	0.000000	0.0000000
## 2488	0.000000	0.000000	0.0000000
## 2489	0.000000	0.000000	0.0000000
## 2490	4.000000	71.300000	0.0000000
## 2491	0.000000	0.000000	0.0000000
## 2492	6.000000	140.000000	1.0000000
## 2493	10.000000	750.750000	3.0000000
## 2494	8.000000	121.666667	2.0000000
## 2495	0.000000	0.000000	0.0000000
## 2496	0.000000	0.000000	0.0000000
## 2497	5.000000	243.000000	3.0000000
## 2498	0.000000	0.000000	0.0000000
## 2499	0.000000	0.000000	0.0000000
## 2500	0.000000	0.000000	0.0000000
## 2501	0.000000	0.000000	0.0000000
## 2502	0.000000	0.000000	0.0000000
## 2503	0.000000	0.000000	0.0000000
## 2504	0.000000	0.000000	0.0000000
## 2505	0.000000	0.000000	0.0000000
## 2506	0.000000	0.000000	0.0000000
## 2507	0.000000	0.000000	2.0000000
## 2508	4.000000	70.833333	1.0000000
## 2509	0.000000	0.000000	0.0000000
## 2510	6.000000	86.083333	0.0000000
## 2511	0.000000	0.000000	0.0000000
## 2512	10.000000	252.500000	2.0000000
## 2513	4.000000	126.000000	0.0000000
## 2514	5.000000	318.000000	0.0000000
## 2515	9.000000	331.166667	4.0000000
## 2516	9.000000	169.500000	2.0000000
## 2517	0.000000	0.000000	0.0000000
## 2518	0.000000	0.000000	0.0000000
## 2519	12.000000	203.471429	1.0000000
## 2520	2.000000	94.000000	0.0000000
## 2521	8.000000	359.000000	1.0000000
## 2522	0.000000	0.000000	0.0000000
## 2523	7.000000	135.500000	2.0000000
## 2524	0.000000	0.000000	0.0000000
## 2525	0.000000	0.000000	0.0000000
## 2526	0.000000	0.000000	0.0000000
## 2527	0.000000	0.000000	0.0000000

## 2528	0.000000	0.000000	0.000000
## 2529	0.000000	0.000000	0.000000
## 2530	1.000000	13.000000	0.000000
## 2531	0.000000	0.000000	0.000000
## 2532	4.000000	21.000000	0.000000
## 2533	3.000000	109.000000	0.000000
## 2534	3.000000	189.000000	1.000000
## 2535	1.000000	36.000000	0.000000
## 2536	2.000000	25.000000	3.000000
## 2537	0.000000	0.000000	4.000000
## 2538	0.000000	0.000000	0.000000
## 2539	4.000000	82.166667	0.000000
## 2540	0.000000	0.000000	0.000000
## 2541	0.000000	0.000000	0.000000
## 2542	8.000000	63.000000	0.000000
## 2543	0.000000	0.000000	0.000000
## 2544	2.000000	101.500000	0.000000
## 2545	19.000000	704.869925	2.000000
## 2546	0.000000	0.000000	0.000000
## 2547	0.000000	0.000000	0.000000
## 2548	0.000000	0.000000	0.000000
## 2549	0.000000	0.000000	0.000000
## 2550	0.000000	0.000000	0.000000
## 2551	0.000000	0.000000	0.000000
## 2552	2.000000	27.000000	2.000000
## 2553	0.000000	0.000000	0.000000
## 2554	24.000000	196.138592	1.000000
## 2555	0.000000	0.000000	0.000000
## 2556	0.000000	0.000000	0.000000
## 2557	7.000000	114.250000	1.000000
## 2558	0.000000	0.000000	0.000000
## 2559	2.000000	100.000000	0.000000
## 2560	0.000000	0.000000	0.000000
## 2561	12.000000	432.583333	3.000000
## 2562	0.000000	0.000000	0.000000
## 2563	9.000000	118.000000	2.000000
## 2564	0.000000	0.000000	0.000000
## 2565	0.000000	0.000000	0.000000
## 2566	0.000000	0.000000	0.000000
## 2567	0.000000	0.000000	0.000000
## 2568	0.000000	0.000000	0.000000
## 2569	5.000000	99.666667	0.000000
## 2570	0.000000	0.000000	0.000000
## 2571	8.000000	364.500000	0.000000
## 2572	12.000000	345.833333	0.000000
## 2573	1.000000	11.428571	2.000000
## 2574	0.000000	0.000000	0.000000
## 2575	1.000000	19.000000	0.000000
## 2576	0.000000	0.000000	0.000000
## 2577	4.000000	248.666667	3.000000
## 2578	0.000000	0.000000	0.000000
## 2579	5.000000	168.000000	0.000000
## 2580	5.000000	106.321429	4.000000
## 2581	2.000000	48.000000	0.000000

## 2582	0.000000	0.000000	0.000000
## 2583	0.000000	0.000000	0.000000
## 2584	0.000000	0.000000	0.000000
## 2585	10.000000	262.000000	0.000000
## 2586	4.000000	122.000000	3.000000
## 2587	1.000000	11.000000	3.000000
## 2588	3.000000	90.000000	0.000000
## 2589	0.000000	0.000000	0.000000
## 2590	3.000000	166.000000	1.000000
## 2591	14.000000	230.106944	0.000000
## 2592	0.000000	0.000000	0.000000
## 2593	2.000000	95.000000	0.000000
## 2594	0.000000	0.000000	0.000000
## 2595	0.000000	0.000000	0.000000
## 2596	0.000000	0.000000	0.000000
## 2597	2.000000	30.000000	0.000000
## 2598	1.000000	7.000000	0.000000
## 2599	4.000000	118.454545	0.000000
## 2600	0.000000	0.000000	0.000000
## 2601	0.000000	0.000000	0.000000
## 2602	10.000000	156.833333	2.000000
## 2603	0.000000	0.000000	0.000000
## 2604	10.000000	290.333333	0.000000
## 2605	0.000000	0.000000	0.000000
## 2606	1.000000	113.000000	0.000000
## 2607	2.000000	45.000000	0.000000
## 2608	0.000000	0.000000	0.000000
## 2609	2.000000	199.000000	0.000000
## 2610	0.000000	0.000000	0.000000
## 2611	0.000000	0.000000	0.000000
## 2612	2.000000	26.500000	0.000000
## 2613	2.000000	77.000000	0.000000
## 2614	2.000000	161.000000	0.000000
## 2615	0.000000	0.000000	0.000000
## 2616	0.000000	0.000000	0.000000
## 2617	8.000000	535.750000	2.000000
## 2618	5.000000	88.000000	0.000000
## 2619	0.000000	0.000000	0.000000
## 2620	5.000000	72.425000	2.000000
## 2621	0.000000	0.000000	0.000000
## 2622	6.000000	96.000000	4.000000
## 2623	0.000000	0.000000	0.000000
## 2624	0.000000	0.000000	0.000000
## 2625	2.000000	65.000000	0.000000
## 2626	1.000000	0.000000	0.000000
## 2627	2.000000	97.000000	0.000000
## 2628	0.000000	0.000000	0.000000
## 2629	5.000000	52.000000	0.000000
## 2630	0.000000	0.000000	0.000000
## 2631	0.000000	0.000000	1.000000
## 2632	1.000000	5.000000	0.000000
## 2633	0.000000	0.000000	0.000000
## 2634	0.000000	0.000000	0.000000
## 2635	0.000000	0.000000	0.000000

## 2636	0.000000	0.000000	0.0000000
## 2637	0.000000	0.000000	0.0000000
## 2638	0.000000	0.000000	0.0000000
## 2639	0.000000	0.000000	0.0000000
## 2640	0.000000	0.000000	0.0000000
## 2641	3.000000	91.833333	0.0000000
## 2642	0.000000	0.000000	0.0000000
## 2643	0.000000	0.000000	0.0000000
## 2644	0.000000	0.000000	0.0000000
## 2645	0.000000	0.000000	0.0000000
## 2646	6.000000	450.400000	0.0000000
## 2647	1.000000	22.000000	0.0000000
## 2648	0.000000	0.000000	0.0000000
## 2649	2.000000	26.000000	0.0000000
## 2650	2.000000	14.000000	0.0000000
## 2651	0.000000	0.000000	0.0000000
## 2652	0.000000	0.000000	0.0000000
## 2653	0.000000	0.000000	0.0000000
## 2654	0.000000	0.000000	0.0000000
## 2655	0.000000	0.000000	0.0000000
## 2656	0.000000	0.000000	0.0000000
## 2657	10.000000	166.931818	2.0000000
## 2658	0.000000	0.000000	0.0000000
## 2659	0.000000	0.000000	0.0000000
## 2660	0.000000	0.000000	0.0000000
## 2661	0.000000	0.000000	0.0000000
## 2662	1.000000	69.500000	0.0000000
## 2663	0.000000	0.000000	0.0000000
## 2664	10.000000	198.400000	2.0000000
## 2665	4.000000	135.666667	0.0000000
## 2666	0.000000	0.000000	0.0000000
## 2667	0.000000	0.000000	0.0000000
## 2668	0.000000	0.000000	0.0000000
## 2669	0.000000	0.000000	0.0000000
## 2670	0.000000	0.000000	0.0000000
## 2671	5.000000	95.325000	0.0000000
## 2672	0.000000	0.000000	0.0000000
## 2673	0.000000	0.000000	0.0000000
## 2674	1.000000	16.000000	0.0000000
## 2675	1.000000	0.000000	0.0000000
## 2676	0.000000	0.000000	0.0000000
## 2677	0.000000	0.000000	0.0000000
## 2678	6.000000	40.166667	0.0000000
## 2679	10.000000	299.603175	2.0000000
## 2680	4.000000	454.000000	3.0000000
## 2681	0.000000	0.000000	0.0000000
## 2682	5.000000	54.000000	0.0000000
## 2683	1.000000	21.000000	0.0000000
## 2684	0.000000	0.000000	0.0000000
## 2685	8.000000	103.500000	0.0000000
## 2686	3.000000	45.500000	0.0000000
## 2687	2.000000	114.000000	0.0000000
## 2688	0.000000	0.000000	0.0000000
## 2689	10.000000	150.000000	0.0000000

## 2690	0.000000	0.000000	0.0000000
## 2691	2.000000	11.000000	0.0000000
## 2692	8.000000	245.333333	4.0000000
## 2693	3.000000	42.000000	0.0000000
## 2694	6.000000	61.666667	0.0000000
## 2695	0.000000	0.000000	0.0000000
## 2696	0.000000	0.000000	0.0000000
## 2697	0.000000	0.000000	0.0000000
## 2698	1.000000	114.000000	1.0000000
## 2699	8.000000	79.166667	2.0000000
## 2700	0.000000	0.000000	0.0000000
## 2701	0.000000	0.000000	0.0000000
## 2702	3.000000	275.000000	2.0000000
## 2703	3.000000	38.000000	0.0000000
## 2704	0.000000	0.000000	0.0000000
## 2705	5.000000	138.500000	0.0000000
## 2706	2.317798	80.906176	0.5039786
## 2707	0.000000	0.000000	0.0000000
## 2708	4.000000	61.000000	0.0000000
## 2709	0.000000	0.000000	0.0000000
## 2710	12.000000	155.600000	6.0000000
## 2711	0.000000	0.000000	0.0000000
## 2712	10.000000	259.166667	0.0000000
## 2713	3.000000	6.000000	0.0000000
## 2714	0.000000	0.000000	0.0000000
## 2715	0.000000	0.000000	0.0000000
## 2716	0.000000	0.000000	0.0000000
## 2717	0.000000	0.000000	0.0000000
## 2718	6.000000	86.500000	1.0000000
## 2719	9.000000	299.083333	1.0000000
## 2720	0.000000	0.000000	0.0000000
## 2721	0.000000	0.000000	0.0000000
## 2722	0.000000	0.000000	0.0000000
## 2723	0.000000	0.000000	0.0000000
## 2724	2.000000	166.000000	2.0000000
## 2725	0.000000	0.000000	0.0000000
## 2726	1.000000	11.000000	2.0000000
## 2727	0.000000	0.000000	0.0000000
## 2728	5.000000	103.000000	0.0000000
## 2729	11.000000	376.500000	4.0000000
## 2730	0.000000	0.000000	1.0000000
## 2731	0.000000	0.000000	0.0000000
## 2732	3.000000	69.000000	0.0000000
## 2733	0.000000	0.000000	0.0000000
## 2734	0.000000	0.000000	0.0000000
## 2735	5.000000	230.250000	2.0000000
## 2736	5.000000	205.500000	1.0000000
## 2737	0.000000	0.000000	1.0000000
## 2738	0.000000	0.000000	0.0000000
## 2739	2.000000	25.000000	0.0000000
## 2740	0.000000	0.000000	0.0000000
## 2741	0.000000	0.000000	0.0000000
## 2742	0.000000	0.000000	0.0000000
## 2743	2.000000	35.000000	0.0000000

## 2744	1.000000	44.500000	0.0000000
## 2745	0.000000	0.000000	0.0000000
## 2746	0.000000	0.000000	0.0000000
## 2747	0.000000	0.000000	0.0000000
## 2748	3.000000	29.000000	0.0000000
## 2749	0.000000	0.000000	0.0000000
## 2750	0.000000	0.000000	0.0000000
## 2751	1.000000	20.000000	0.0000000
## 2752	0.000000	0.000000	0.0000000
## 2753	0.000000	0.000000	0.0000000
## 2754	0.000000	0.000000	1.0000000
## 2755	8.000000	206.000000	0.0000000
## 2756	0.000000	0.000000	0.0000000
## 2757	0.000000	0.000000	0.0000000
## 2758	0.000000	0.000000	0.0000000
## 2759	0.000000	0.000000	0.0000000
## 2760	0.000000	0.000000	0.0000000
## 2761	0.000000	0.000000	0.0000000
## 2762	1.000000	0.000000	0.0000000
## 2763	1.000000	41.333333	0.0000000
## 2764	0.000000	0.000000	0.0000000
## 2765	0.000000	0.000000	0.0000000
## 2766	1.000000	25.750000	3.0000000
## 2767	0.000000	0.000000	0.0000000
## 2768	0.000000	0.000000	0.0000000
## 2769	0.000000	0.000000	0.0000000
## 2770	3.000000	52.000000	0.0000000
## 2771	0.000000	0.000000	0.0000000
## 2772	0.000000	0.000000	0.0000000
## 2773	0.000000	0.000000	0.0000000
## 2774	14.000000	173.083333	3.0000000
## 2775	3.000000	62.000000	0.0000000
## 2776	3.000000	37.000000	0.0000000
## 2777	10.000000	620.952381	5.0000000
## 2778	0.000000	0.000000	0.0000000
## 2779	0.000000	0.000000	0.0000000
## 2780	7.000000	65.833333	0.0000000
## 2781	0.000000	0.000000	0.0000000
## 2782	0.000000	0.000000	0.0000000
## 2783	0.000000	0.000000	0.0000000
## 2784	0.000000	0.000000	0.0000000
## 2785	0.000000	0.000000	0.0000000
## 2786	0.000000	0.000000	0.0000000
## 2787	4.000000	52.000000	0.0000000
## 2788	2.000000	5.000000	0.0000000
## 2789	0.000000	0.000000	0.0000000
## 2790	1.000000	7.000000	0.0000000
## 2791	0.000000	0.000000	0.0000000
## 2792	7.000000	204.500000	2.0000000
## 2793	0.000000	0.000000	0.0000000
## 2794	0.000000	0.000000	0.0000000
## 2795	3.000000	52.333333	5.0000000
## 2796	0.000000	0.000000	0.0000000
## 2797	11.000000	498.900000	3.0000000

## 2798	0.000000	0.000000	0.0000000
## 2799	0.000000	0.000000	0.0000000
## 2800	1.000000	13.000000	0.0000000
## 2801	0.000000	0.000000	0.0000000
## 2802	0.000000	0.000000	0.0000000
## 2803	4.000000	101.000000	0.0000000
## 2804	0.000000	0.000000	0.0000000
## 2805	0.000000	0.000000	0.0000000
## 2806	0.000000	0.000000	0.0000000
## 2807	0.000000	0.000000	1.0000000
## 2808	2.000000	55.000000	0.0000000
## 2809	6.000000	1541.500000	0.0000000
## 2810	0.000000	0.000000	0.0000000
## 2811	0.000000	0.000000	0.0000000
## 2812	10.000000	197.166667	0.0000000
## 2813	6.000000	66.772727	1.0000000
## 2814	0.000000	0.000000	0.0000000
## 2815	4.000000	82.000000	0.0000000
## 2816	1.000000	65.000000	0.0000000
## 2817	0.000000	0.000000	0.0000000
## 2818	5.000000	86.500000	0.0000000
## 2819	2.000000	105.000000	0.0000000
## 2820	0.000000	0.000000	0.0000000
## 2821	2.000000	37.500000	0.0000000
## 2822	0.000000	0.000000	0.0000000
## 2823	0.000000	0.000000	0.0000000
## 2824	0.000000	0.000000	0.0000000
## 2825	0.000000	0.000000	0.0000000
## 2826	0.000000	0.000000	0.0000000
## 2827	0.000000	0.000000	0.0000000
## 2828	0.000000	0.000000	0.0000000
## 2829	4.000000	19.500000	0.0000000
## 2830	0.000000	0.000000	0.0000000
## 2831	5.000000	196.666667	0.0000000
## 2832	0.000000	0.000000	0.0000000
## 2833	0.000000	0.000000	0.0000000
## 2834	5.000000	188.000000	0.0000000
## 2835	0.000000	0.000000	0.0000000
## 2836	3.000000	105.000000	0.0000000
## 2837	4.000000	91.000000	2.0000000
## 2838	0.000000	0.000000	0.0000000
## 2839	1.000000	28.000000	0.0000000
## 2840	6.000000	162.107143	0.0000000
## 2841	0.000000	0.000000	0.0000000
## 2842	1.000000	37.000000	0.0000000
## 2843	6.000000	66.166667	2.0000000
## 2844	6.000000	128.500000	0.0000000
## 2845	0.000000	0.000000	0.0000000
## 2846	0.000000	0.000000	0.0000000
## 2847	7.000000	290.666667	0.0000000
## 2848	0.000000	0.000000	0.0000000
## 2849	0.000000	0.000000	0.0000000
## 2850	0.000000	0.000000	0.0000000
## 2851	0.000000	0.000000	0.0000000

## 2852	0.000000	0.000000	0.0000000
## 2853	0.000000	0.000000	0.0000000
## 2854	6.000000	57.500000	0.0000000
## 2855	5.000000	102.067692	2.0000000
## 2856	4.000000	60.000000	0.0000000
## 2857	0.000000	0.000000	0.0000000
## 2858	14.000000	578.500000	2.0000000
## 2859	2.000000	38.500000	2.0000000
## 2860	5.000000	85.000000	0.0000000
## 2861	0.000000	0.000000	0.0000000
## 2862	0.000000	0.000000	0.0000000
## 2863	0.000000	0.000000	0.0000000
## 2864	1.000000	36.000000	0.0000000
## 2865	5.000000	246.250000	1.0000000
## 2866	0.000000	0.000000	0.0000000
## 2867	0.000000	0.000000	0.0000000
## 2868	0.000000	0.000000	0.0000000
## 2869	0.000000	0.000000	0.0000000
## 2870	0.000000	0.000000	0.0000000
## 2871	0.000000	0.000000	0.0000000
## 2872	2.000000	19.000000	0.0000000
## 2873	0.000000	0.000000	0.0000000
## 2874	0.000000	0.000000	0.0000000
## 2875	1.000000	3.000000	0.0000000
## 2876	0.000000	0.000000	1.0000000
## 2877	0.000000	0.000000	0.0000000
## 2878	3.000000	55.000000	0.0000000
## 2879	0.000000	0.000000	0.0000000
## 2880	0.000000	0.000000	1.0000000
## 2881	0.000000	0.000000	0.0000000
## 2882	1.000000	68.000000	0.0000000
## 2883	3.000000	124.000000	0.0000000
## 2884	0.000000	0.000000	0.0000000
## 2885	1.000000	29.000000	2.0000000
## 2886	4.000000	164.000000	0.0000000
## 2887	4.000000	35.666667	2.0000000
## 2888	1.000000	8.000000	0.0000000
## 2889	0.000000	0.000000	2.0000000
## 2890	0.000000	0.000000	0.0000000
## 2891	8.000000	168.166667	0.0000000
## 2892	12.000000	331.300000	0.0000000
## 2893	0.000000	0.000000	0.0000000
## 2894	5.000000	548.314286	6.0000000
## 2895	8.000000	102.000000	0.0000000
## 2896	0.000000	0.000000	0.0000000
## 2897	3.000000	166.000000	0.0000000
## 2898	1.000000	45.000000	0.0000000
## 2899	0.000000	0.000000	0.0000000
## 2900	0.000000	0.000000	0.0000000
## 2901	0.000000	0.000000	0.0000000
## 2902	0.000000	0.000000	0.0000000
## 2903	0.000000	0.000000	0.0000000
## 2904	1.000000	3.500000	0.0000000
## 2905	1.000000	0.000000	0.0000000

## 2906	0.000000	0.000000	0.0000000
## 2907	0.000000	0.000000	0.0000000
## 2908	0.000000	0.000000	0.0000000
## 2909	2.000000	65.500000	0.0000000
## 2910	0.000000	0.000000	0.0000000
## 2911	4.000000	38.000000	0.0000000
## 2912	0.000000	0.000000	0.0000000
## 2913	0.000000	0.000000	0.0000000
## 2914	0.000000	0.000000	0.0000000
## 2915	0.000000	0.000000	0.0000000
## 2916	0.000000	0.000000	0.0000000
## 2917	6.000000	105.000000	1.0000000
## 2918	0.000000	0.000000	0.0000000
## 2919	0.000000	0.000000	0.0000000
## 2920	13.000000	228.916667	1.0000000
## 2921	8.000000	249.000000	1.0000000
## 2922	10.000000	236.408333	3.0000000
## 2923	1.000000	4.500000	3.0000000
## 2924	0.000000	0.000000	0.0000000
## 2925	3.000000	135.000000	0.0000000
## 2926	0.000000	0.000000	2.0000000
## 2927	10.000000	261.500000	4.0000000
## 2928	0.000000	0.000000	1.0000000
## 2929	0.000000	0.000000	0.0000000
## 2930	0.000000	0.000000	0.0000000
## 2931	0.000000	0.000000	0.0000000
## 2932	0.000000	0.000000	0.0000000
## 2933	0.000000	0.000000	0.0000000
## 2934	0.000000	0.000000	0.0000000
## 2935	2.000000	98.000000	0.0000000
## 2936	0.000000	0.000000	0.0000000
## 2937	3.000000	23.000000	2.0000000
## 2938	0.000000	0.000000	0.0000000
## 2939	5.000000	18.000000	1.0000000
## 2940	1.000000	64.000000	0.0000000
## 2941	2.000000	23.000000	0.0000000
## 2942	0.000000	0.000000	0.0000000
## 2943	0.000000	0.000000	0.0000000
## 2944	0.000000	0.000000	0.0000000
## 2945	4.000000	166.500000	1.0000000
## 2946	2.000000	74.000000	0.0000000
## 2947	1.000000	42.000000	0.0000000
## 2948	2.000000	172.000000	0.0000000
## 2949	3.000000	232.900000	7.0000000
## 2950	3.000000	176.000000	0.0000000
## 2951	1.000000	5.000000	0.0000000
## 2952	0.000000	0.000000	0.0000000
## 2953	1.000000	6.000000	2.0000000
## 2954	4.000000	56.666667	0.0000000
## 2955	0.000000	0.000000	0.0000000
## 2956	1.000000	19.000000	1.0000000
## 2957	0.000000	0.000000	0.0000000
## 2958	0.000000	0.000000	0.0000000
## 2959	3.000000	52.333333	0.0000000

## 2960	0.000000	0.000000	0.0000000
## 2961	0.000000	0.000000	0.0000000
## 2962	0.000000	0.000000	0.0000000
## 2963	0.000000	0.000000	0.0000000
## 2964	6.000000	89.466667	1.0000000
## 2965	0.000000	0.000000	0.0000000
## 2966	0.000000	0.000000	0.0000000
## 2967	1.000000	9.000000	0.0000000
## 2968	3.000000	111.000000	0.0000000
## 2969	3.000000	120.000000	0.0000000
## 2970	0.000000	0.000000	0.0000000
## 2971	0.000000	0.000000	0.0000000
## 2972	9.000000	149.933333	2.0000000
## 2973	0.000000	0.000000	0.0000000
## 2974	3.000000	53.250000	1.0000000
## 2975	0.000000	0.000000	0.0000000
## 2976	2.000000	60.000000	6.0000000
## 2977	1.000000	97.000000	0.0000000
## 2978	2.000000	21.000000	0.0000000
## 2979	0.000000	0.000000	0.0000000
## 2980	0.000000	0.000000	0.0000000
## 2981	0.000000	0.000000	0.0000000
## 2982	5.000000	497.750000	1.0000000
## 2983	0.000000	0.000000	0.0000000
## 2984	5.000000	65.000000	0.0000000
## 2985	3.000000	149.000000	0.0000000
## 2986	5.000000	316.800000	0.0000000
## 2987	0.000000	0.000000	0.0000000
## 2988	3.000000	49.750000	0.0000000
## 2989	2.000000	74.500000	0.0000000
## 2990	3.000000	40.000000	0.0000000
## 2991	3.000000	65.500000	2.0000000
## 2992	9.000000	233.500000	2.0000000
## 2993	1.000000	41.000000	0.0000000
## 2994	0.000000	0.000000	1.0000000
## 2995	0.000000	0.000000	0.0000000
## 2996	0.000000	0.000000	0.0000000
## 2997	0.000000	0.000000	1.0000000
## 2998	2.000000	149.666667	0.0000000
## 2999	0.000000	0.000000	0.0000000
## 3000	0.000000	0.000000	0.0000000
## 3001	0.000000	0.000000	0.0000000
## 3002	4.000000	172.000000	0.0000000
## 3003	0.000000	0.000000	0.0000000
## 3004	0.000000	0.000000	0.0000000
## 3005	0.000000	0.000000	2.0000000
## 3006	0.000000	0.000000	0.0000000
## 3007	5.000000	158.000000	0.0000000
## 3008	0.000000	0.000000	0.0000000
## 3009	0.000000	0.000000	0.0000000
## 3010	0.000000	0.000000	0.0000000
## 3011	0.000000	0.000000	0.0000000
## 3012	7.000000	134.000000	2.0000000
## 3013	0.000000	0.000000	0.0000000

## 3014	0.000000	0.000000	0.000000
## 3015	1.000000	26.000000	2.000000
## 3016	1.000000	38.000000	2.000000
## 3017	0.000000	0.000000	1.000000
## 3018	0.000000	0.000000	0.000000
## 3019	4.000000	26.000000	0.000000
## 3020	1.000000	57.000000	3.000000
## 3021	2.000000	33.000000	0.000000
## 3022	0.000000	0.000000	0.000000
## 3023	3.000000	314.500000	0.000000
## 3024	2.000000	10.666667	0.000000
## 3025	0.000000	0.000000	0.000000
## 3026	6.000000	106.500000	0.000000
## 3027	2.000000	83.000000	0.000000
## 3028	0.000000	0.000000	0.000000
## 3029	1.000000	537.000000	0.000000
## 3030	0.000000	0.000000	0.000000
## 3031	8.000000	211.964286	0.000000
## 3032	4.000000	69.000000	1.000000
## 3033	0.000000	0.000000	0.000000
## 3034	3.000000	19.500000	0.000000
## 3035	0.000000	0.000000	0.000000
## 3036	3.000000	55.000000	0.000000
## 3037	0.000000	0.000000	0.000000
## 3038	0.000000	0.000000	0.000000
## 3039	1.000000	0.000000	0.000000
## 3040	6.000000	175.000000	1.000000
## 3041	0.000000	0.000000	0.000000
## 3042	3.000000	81.000000	0.000000
## 3043	0.000000	0.000000	0.000000
## 3044	7.000000	106.828571	0.000000
## 3045	10.000000	161.708333	1.000000
## 3046	1.000000	50.333333	0.000000
## 3047	5.000000	766.833333	0.000000
## 3048	0.000000	0.000000	0.000000
## 3049	0.000000	0.000000	0.000000
## 3050	3.000000	29.333333	0.000000
## 3051	1.000000	4.000000	0.000000
## 3052	0.000000	0.000000	1.000000
## 3053	0.000000	0.000000	0.000000
## 3054	0.000000	0.000000	0.000000
## 3055	0.000000	0.000000	0.000000
## 3056	0.000000	0.000000	0.000000
## 3057	4.000000	130.500000	0.000000
## 3058	11.000000	1215.333333	0.000000
## 3059	0.000000	0.000000	0.000000
## 3060	0.000000	0.000000	0.000000
## 3061	0.000000	0.000000	0.000000
## 3062	1.000000	69.000000	0.000000
## 3063	0.000000	0.000000	0.000000
## 3064	0.000000	0.000000	0.000000
## 3065	0.000000	0.000000	0.000000
## 3066	1.000000	4.000000	0.000000
## 3067	2.000000	7.000000	1.000000

## 3068	0.000000	0.000000	0.0000000
## 3069	0.000000	0.000000	0.0000000
## 3070	2.000000	37.000000	0.0000000
## 3071	2.000000	57.500000	0.0000000
## 3072	3.000000	148.666667	0.0000000
## 3073	0.000000	0.000000	0.0000000
## 3074	8.000000	152.333333	0.0000000
## 3075	7.000000	405.258333	1.0000000
## 3076	0.000000	0.000000	0.0000000
## 3077	0.000000	0.000000	0.0000000
## 3078	1.000000	60.000000	1.0000000
## 3079	0.000000	0.000000	0.0000000
## 3080	0.000000	0.000000	2.0000000
## 3081	0.000000	0.000000	0.0000000
## 3082	1.000000	294.000000	0.0000000
## 3083	2.000000	28.000000	0.0000000
## 3084	0.000000	0.000000	0.0000000
## 3085	0.000000	0.000000	0.0000000
## 3086	0.000000	0.000000	2.0000000
## 3087	0.000000	0.000000	0.0000000
## 3088	0.000000	0.000000	0.0000000
## 3089	0.000000	0.000000	0.0000000
## 3090	0.000000	0.000000	0.0000000
## 3091	0.000000	0.000000	0.0000000
## 3092	4.000000	99.500000	0.0000000
## 3093	2.000000	70.000000	0.0000000
## 3094	0.000000	0.000000	0.0000000
## 3095	0.000000	0.000000	0.0000000
## 3096	12.000000	637.938889	0.0000000
## 3097	0.000000	0.000000	0.0000000
## 3098	0.000000	0.000000	0.0000000
## 3099	7.000000	84.550000	0.0000000
## 3100	0.000000	0.000000	0.0000000
## 3101	9.000000	381.866667	1.0000000
## 3102	8.000000	236.833333	0.0000000
## 3103	0.000000	0.000000	0.0000000
## 3104	0.000000	0.000000	0.0000000
## 3105	2.000000	22.000000	0.0000000
## 3106	5.000000	244.500000	0.0000000
## 3107	4.000000	109.000000	2.0000000
## 3108	2.000000	180.500000	0.0000000
## 3109	17.000000	592.001401	4.0000000
## 3110	0.000000	0.000000	0.0000000
## 3111	3.000000	335.000000	0.0000000
## 3112	0.000000	0.000000	0.0000000
## 3113	1.000000	58.000000	0.0000000
## 3114	0.000000	0.000000	0.0000000
## 3115	10.000000	118.000000	0.0000000
## 3116	3.000000	41.000000	0.0000000
## 3117	9.000000	269.800000	0.0000000
## 3118	1.000000	15.000000	0.0000000
## 3119	0.000000	0.000000	0.0000000
## 3120	0.000000	0.000000	0.0000000
## 3121	4.000000	97.000000	0.0000000

## 3122	16.000000	235.250000	1.0000000
## 3123	0.000000	0.000000	0.0000000
## 3124	4.000000	98.000000	4.0000000
## 3125	6.000000	277.166667	2.0000000
## 3126	0.000000	0.000000	0.0000000
## 3127	0.000000	0.000000	0.0000000
## 3128	3.000000	25.083333	0.0000000
## 3129	0.000000	0.000000	0.0000000
## 3130	1.000000	27.000000	0.0000000
## 3131	0.000000	0.000000	2.0000000
## 3132	2.000000	124.000000	1.0000000
## 3133	0.000000	0.000000	0.0000000
## 3134	0.000000	0.000000	0.0000000
## 3135	0.000000	0.000000	0.0000000
## 3136	0.000000	0.000000	0.0000000
## 3137	1.000000	76.000000	0.0000000
## 3138	15.000000	1629.333333	3.0000000
## 3139	1.000000	62.500000	3.0000000
## 3140	0.000000	0.000000	0.0000000
## 3141	6.000000	51.000000	0.0000000
## 3142	0.000000	0.000000	1.0000000
## 3143	1.000000	24.000000	0.0000000
## 3144	5.000000	505.000000	0.0000000
## 3145	0.000000	0.000000	0.0000000
## 3146	4.000000	38.000000	3.0000000
## 3147	0.000000	0.000000	0.0000000
## 3148	6.000000	32.500000	2.0000000
## 3149	3.000000	108.500000	0.0000000
## 3150	3.000000	154.000000	2.0000000
## 3151	0.000000	0.000000	0.0000000
## 3152	0.000000	0.000000	0.0000000
## 3153	4.000000	118.903226	6.0000000
## 3154	1.000000	17.000000	0.0000000
## 3155	8.000000	192.555556	1.0000000
## 3156	2.000000	40.000000	1.0000000
## 3157	2.000000	267.000000	0.0000000
## 3158	6.000000	107.000000	1.0000000
## 3159	9.000000	146.000000	0.0000000
## 3160	5.000000	54.833333	0.0000000
## 3161	0.000000	0.000000	0.0000000
## 3162	0.000000	0.000000	0.0000000
## 3163	0.000000	0.000000	0.0000000
## 3164	2.000000	29.000000	1.0000000
## 3165	0.000000	0.000000	0.0000000
## 3166	8.000000	239.833333	2.0000000
## 3167	0.000000	0.000000	0.0000000
## 3168	4.000000	210.500000	0.0000000
## 3169	2.000000	36.400000	0.0000000
## 3170	3.000000	69.166667	0.0000000
## 3171	0.000000	0.000000	0.0000000
## 3172	3.000000	509.666667	0.0000000
## 3173	6.000000	111.000000	0.0000000
## 3174	4.000000	20.000000	0.0000000
## 3175	1.000000	46.000000	0.0000000

## 3176	0.000000	0.000000	0.000000
## 3177	2.000000	125.000000	0.000000
## 3178	0.000000	0.000000	0.000000
## 3179	1.000000	7.000000	0.000000
## 3180	10.000000	1751.047619	3.000000
## 3181	5.000000	827.200000	2.000000
## 3182	2.000000	55.000000	0.000000
## 3183	2.000000	25.000000	0.000000
## 3184	0.000000	0.000000	0.000000
## 3185	2.000000	15.000000	0.000000
## 3186	2.000000	93.000000	3.000000
## 3187	4.000000	73.000000	0.000000
## 3188	6.000000	77.000000	0.000000
## 3189	1.000000	260.000000	0.000000
## 3190	2.000000	13.000000	0.000000
## 3191	2.000000	33.000000	0.000000
## 3192	2.000000	566.000000	0.000000
## 3193	0.000000	0.000000	0.000000
## 3194	0.000000	0.000000	0.000000
## 3195	3.000000	42.000000	0.000000
## 3196	7.000000	85.529167	3.000000
## 3197	0.000000	0.000000	0.000000
## 3198	4.000000	191.000000	0.000000
## 3199	0.000000	0.000000	0.000000
## 3200	8.000000	186.500000	0.000000
## 3201	0.000000	0.000000	0.000000
## 3202	0.000000	0.000000	0.000000
## 3203	4.000000	47.000000	0.000000
## 3204	0.000000	0.000000	0.000000
## 3205	0.000000	0.000000	1.000000
## 3206	1.000000	10.000000	2.000000
## 3207	0.000000	0.000000	0.000000
## 3208	0.000000	0.000000	0.000000
## 3209	0.000000	0.000000	0.000000
## 3210	0.000000	0.000000	0.000000
## 3211	1.000000	6.000000	0.000000
## 3212	11.000000	361.476190	1.000000
## 3213	2.000000	32.000000	0.000000
## 3214	0.000000	0.000000	0.000000
## 3215	0.000000	0.000000	0.000000
## 3216	0.000000	0.000000	0.000000
## 3217	0.000000	0.000000	0.000000
## 3218	4.000000	61.000000	0.000000
## 3219	0.000000	0.000000	1.000000
## 3220	9.000000	794.883333	0.000000
## 3221	0.000000	0.000000	0.000000
## 3222	0.000000	0.000000	0.000000
## 3223	7.000000	89.900000	3.000000
## 3224	0.000000	0.000000	0.000000
## 3225	0.000000	0.000000	0.000000
## 3226	0.000000	0.000000	0.000000
## 3227	1.000000	27.000000	0.000000
## 3228	5.000000	162.500000	1.000000
## 3229	0.000000	0.000000	0.000000

## 3230	0.000000	0.000000	0.000000
## 3231	3.000000	204.750000	0.000000
## 3232	0.000000	0.000000	0.000000
## 3233	0.000000	0.000000	0.000000
## 3234	2.000000	32.000000	0.000000
## 3235	0.000000	0.000000	0.000000
## 3236	3.000000	112.000000	0.000000
## 3237	0.000000	0.000000	0.000000
## 3238	1.000000	0.000000	0.000000
## 3239	6.000000	91.500000	0.000000
## 3240	0.000000	0.000000	0.000000
## 3241	5.000000	423.500000	2.000000
## 3242	0.000000	0.000000	0.000000
## 3243	9.000000	174.475000	0.000000
## 3244	0.000000	0.000000	0.000000
## 3245	0.000000	0.000000	0.000000
## 3246	1.000000	9.000000	5.000000
## 3247	1.000000	26.000000	0.000000
## 3248	0.000000	0.000000	0.000000
## 3249	0.000000	0.000000	0.000000
## 3250	1.000000	41.000000	0.000000
## 3251	0.000000	0.000000	0.000000
## 3252	0.000000	0.000000	0.000000
## 3253	3.000000	40.000000	0.000000
## 3254	0.000000	0.000000	0.000000
## 3255	0.000000	0.000000	0.000000
## 3256	0.000000	0.000000	0.000000
## 3257	0.000000	0.000000	0.000000
## 3258	12.000000	418.333333	2.000000
## 3259	1.000000	88.000000	0.000000
## 3260	2.000000	86.000000	0.000000
## 3261	0.000000	0.000000	0.000000
## 3262	0.000000	0.000000	0.000000
## 3263	1.000000	5.000000	2.000000
## 3264	0.000000	0.000000	2.000000
## 3265	3.000000	249.000000	0.000000
## 3266	1.000000	20.000000	0.000000
## 3267	0.000000	0.000000	0.000000
## 3268	3.000000	100.000000	0.000000
## 3269	0.000000	0.000000	0.000000
## 3270	1.000000	32.000000	0.000000
## 3271	5.000000	90.875000	1.000000
## 3272	0.000000	0.000000	0.000000
## 3273	1.000000	10.000000	0.000000
## 3274	3.000000	110.500000	0.000000
## 3275	0.000000	0.000000	0.000000
## 3276	4.000000	14.000000	0.000000
## 3277	0.000000	0.000000	0.000000
## 3278	8.000000	144.500000	4.000000
## 3279	6.000000	211.000000	1.000000
## 3280	0.000000	0.000000	0.000000
## 3281	0.000000	0.000000	0.000000
## 3282	1.000000	47.000000	0.000000
## 3283	0.000000	0.000000	0.000000

## 3284	2.000000	98.000000	0.0000000
## 3285	0.000000	0.000000	0.0000000
## 3286	10.000000	207.866667	0.0000000
## 3287	0.000000	0.000000	0.0000000
## 3288	8.000000	656.000000	1.0000000
## 3289	0.000000	0.000000	0.0000000
## 3290	1.000000	6.000000	1.0000000
## 3291	4.000000	319.000000	1.0000000
## 3292	2.000000	108.000000	0.0000000
## 3293	0.000000	0.000000	0.0000000
## 3294	0.000000	0.000000	0.0000000
## 3295	0.000000	0.000000	3.0000000
## 3296	0.000000	0.000000	0.0000000
## 3297	0.000000	0.000000	1.0000000
## 3298	8.000000	105.564423	5.0000000
## 3299	0.000000	0.000000	0.0000000
## 3300	5.000000	20.000000	0.0000000
## 3301	0.000000	0.000000	0.0000000
## 3302	0.000000	0.000000	0.0000000
## 3303	0.000000	0.000000	0.0000000
## 3304	0.000000	0.000000	0.0000000
## 3305	2.000000	50.500000	0.0000000
## 3306	0.000000	0.000000	0.0000000
## 3307	3.000000	30.500000	0.0000000
## 3308	0.000000	0.000000	0.0000000
## 3309	10.000000	341.428571	0.0000000
## 3310	3.000000	105.000000	0.0000000
## 3311	0.000000	0.000000	0.0000000
## 3312	0.000000	0.000000	0.0000000
## 3313	0.000000	0.000000	0.0000000
## 3314	5.000000	99.166667	1.0000000
## 3315	5.000000	436.000000	0.0000000
## 3316	0.000000	0.000000	0.0000000
## 3317	0.000000	0.000000	0.0000000
## 3318	1.000000	43.000000	1.0000000
## 3319	8.000000	102.666667	0.0000000
## 3320	7.000000	195.875000	2.0000000
## 3321	0.000000	0.000000	0.0000000
## 3322	4.000000	204.500000	0.0000000
## 3323	0.000000	0.000000	0.0000000
## 3324	3.000000	94.000000	0.0000000
## 3325	1.000000	255.000000	0.0000000
## 3326	0.000000	0.000000	0.0000000
## 3327	1.000000	5.000000	1.0000000
## 3328	0.000000	0.000000	1.0000000
## 3329	0.000000	0.000000	0.0000000
## 3330	1.000000	4.000000	0.0000000
## 3331	0.000000	0.000000	0.0000000
## 3332	0.000000	0.000000	0.0000000
## 3333	0.000000	0.000000	0.0000000
## 3334	2.000000	43.000000	0.0000000
## 3335	0.000000	0.000000	0.0000000
## 3336	0.000000	0.000000	0.0000000
## 3337	0.000000	0.000000	0.0000000

## 3338	5.000000	113.500000	0.0000000
## 3339	0.000000	0.000000	0.0000000
## 3340	1.000000	3.000000	0.0000000
## 3341	0.000000	0.000000	0.0000000
## 3342	6.000000	220.000000	2.0000000
## 3343	0.000000	0.000000	1.0000000
## 3344	0.000000	0.000000	0.0000000
## 3345	2.000000	37.333333	0.0000000
## 3346	1.000000	29.000000	0.0000000
## 3347	2.000000	59.500000	1.0000000
## 3348	11.000000	336.500000	0.0000000
## 3349	1.000000	63.000000	0.0000000
## 3350	0.000000	0.000000	0.0000000
## 3351	2.000000	7.000000	0.0000000
## 3352	0.000000	0.000000	0.0000000
## 3353	0.000000	0.000000	0.0000000
## 3354	0.000000	0.000000	0.0000000
## 3355	1.000000	0.000000	0.0000000
## 3356	0.000000	0.000000	0.0000000
## 3357	15.000000	168.429198	2.0000000
## 3358	2.000000	5.000000	0.0000000
## 3359	3.000000	11.666667	0.0000000
## 3360	7.000000	53.250000	0.0000000
## 3361	4.000000	132.000000	1.0000000
## 3362	7.000000	44.166667	0.0000000
## 3363	7.000000	41.375000	0.0000000
## 3364	1.000000	24.000000	0.0000000
## 3365	0.000000	0.000000	0.0000000
## 3366	0.000000	0.000000	0.0000000
## 3367	0.000000	0.000000	0.0000000
## 3368	0.000000	0.000000	0.0000000
## 3369	0.000000	0.000000	0.0000000
## 3370	6.000000	65.000000	2.0000000
## 3371	0.000000	0.000000	0.0000000
## 3372	8.000000	567.357143	1.0000000
## 3373	2.000000	39.000000	0.0000000
## 3374	2.000000	7.500000	0.0000000
## 3375	1.000000	25.000000	0.0000000
## 3376	0.000000	0.000000	1.0000000
## 3377	0.000000	0.000000	0.0000000
## 3378	0.000000	0.000000	0.0000000
## 3379	12.000000	316.550000	3.0000000
## 3380	2.000000	59.833333	0.0000000
## 3381	0.000000	0.000000	0.0000000
## 3382	2.000000	20.000000	0.0000000
## 3383	0.000000	0.000000	0.0000000
## 3384	0.000000	0.000000	0.0000000
## 3385	2.000000	38.000000	0.0000000
## 3386	0.000000	0.000000	0.0000000
## 3387	1.000000	5.000000	0.0000000
## 3388	0.000000	0.000000	0.0000000
## 3389	11.000000	100.096537	0.0000000
## 3390	0.000000	0.000000	0.0000000
## 3391	7.000000	160.333333	0.0000000

## 3392	2.000000	42.166667	0.0000000
## 3393	2.000000	81.000000	0.0000000
## 3394	0.000000	0.000000	0.0000000
## 3395	0.000000	0.000000	0.0000000
## 3396	0.000000	0.000000	0.0000000
## 3397	0.000000	0.000000	0.0000000
## 3398	5.000000	119.000000	0.0000000
## 3399	1.000000	0.000000	0.0000000
## 3400	0.000000	0.000000	0.0000000
## 3401	0.000000	0.000000	0.0000000
## 3402	0.000000	0.000000	0.0000000
## 3403	4.000000	32.100000	1.0000000
## 3404	0.000000	0.000000	0.0000000
## 3405	0.000000	0.000000	0.0000000
## 3406	0.000000	0.000000	0.0000000
## 3407	4.000000	34.000000	0.0000000
## 3408	0.000000	0.000000	0.0000000
## 3409	0.000000	0.000000	0.0000000
## 3410	5.000000	133.000000	0.0000000
## 3411	0.000000	0.000000	0.0000000
## 3412	0.000000	0.000000	0.0000000
## 3413	0.000000	0.000000	0.0000000
## 3414	1.000000	29.500000	0.0000000
## 3415	0.000000	0.000000	0.0000000
## 3416	0.000000	0.000000	0.0000000
## 3417	1.000000	38.000000	0.0000000
## 3418	1.000000	32.333333	1.0000000
## 3419	0.000000	0.000000	0.0000000
## 3420	0.000000	0.000000	0.0000000
## 3421	1.000000	74.000000	0.0000000
## 3422	1.000000	10.000000	0.0000000
## 3423	0.000000	0.000000	0.0000000
## 3424	7.000000	71.000000	0.0000000
## 3425	0.000000	0.000000	0.0000000
## 3426	1.000000	27.000000	0.0000000
## 3427	0.000000	0.000000	0.0000000
## 3428	4.000000	75.600000	0.0000000
## 3429	0.000000	0.000000	2.0000000
## 3430	0.000000	0.000000	0.0000000
## 3431	2.000000	32.500000	0.0000000
## 3432	8.000000	120.666667	2.0000000
## 3433	0.000000	0.000000	0.0000000
## 3434	0.000000	0.000000	0.0000000
## 3435	0.000000	0.000000	0.0000000
## 3436	4.000000	128.500000	0.0000000
## 3437	1.000000	28.000000	0.0000000
## 3438	3.000000	51.500000	0.0000000
## 3439	2.000000	57.000000	1.0000000
## 3440	0.000000	0.000000	0.0000000
## 3441	14.000000	247.136364	2.0000000
## 3442	0.000000	0.000000	0.0000000
## 3443	2.000000	256.000000	0.0000000
## 3444	0.000000	0.000000	0.0000000
## 3445	2.000000	37.500000	0.0000000

## 3446	0.000000	0.000000	0.000000
## 3447	0.000000	0.000000	0.000000
## 3448	0.000000	0.000000	0.000000
## 3449	10.000000	76.166667	0.000000
## 3450	4.000000	202.000000	0.000000
## 3451	0.000000	0.000000	0.000000
## 3452	1.000000	18.000000	0.000000
## 3453	7.000000	160.230769	0.000000
## 3454	0.000000	0.000000	0.000000
## 3455	2.000000	338.000000	0.000000
## 3456	0.000000	0.000000	3.000000
## 3457	0.000000	0.000000	0.000000
## 3458	0.000000	0.000000	0.000000
## 3459	2.000000	844.000000	0.000000
## 3460	3.000000	73.500000	3.000000
## 3461	2.000000	13.333333	0.000000
## 3462	4.000000	324.500000	0.000000
## 3463	0.000000	0.000000	0.000000
## 3464	0.000000	0.000000	0.000000
## 3465	7.000000	159.500000	0.000000
## 3466	1.000000	37.000000	0.000000
## 3467	4.000000	80.000000	0.000000
## 3468	1.000000	8.500000	0.000000
## 3469	0.000000	0.000000	0.000000
## 3470	0.000000	0.000000	0.000000
## 3471	1.000000	241.000000	0.000000
## 3472	0.000000	0.000000	0.000000
## 3473	0.000000	0.000000	0.000000
## 3474	16.000000	284.850000	0.000000
## 3475	0.000000	0.000000	1.000000
## 3476	7.000000	64.750000	1.000000
## 3477	0.000000	0.000000	0.000000
## 3478	1.000000	2.000000	0.000000
## 3479	4.000000	47.500000	0.000000
## 3480	6.000000	108.916667	0.000000
## 3481	0.000000	0.000000	0.000000
## 3482	0.000000	0.000000	0.000000
## 3483	3.000000	25.571429	1.000000
## 3484	4.000000	123.000000	1.000000
## 3485	1.000000	48.000000	0.000000
## 3486	1.000000	64.000000	0.000000
## 3487	4.000000	69.000000	0.000000
## 3488	0.000000	0.000000	0.000000
## 3489	0.000000	0.000000	0.000000
## 3490	2.000000	18.000000	0.000000
## 3491	4.000000	322.500000	1.000000
## 3492	2.000000	178.500000	2.000000
## 3493	0.000000	0.000000	0.000000
## 3494	1.000000	82.000000	0.000000
## 3495	0.000000	0.000000	0.000000
## 3496	0.000000	0.000000	0.000000
## 3497	0.000000	0.000000	0.000000
## 3498	8.000000	176.666667	2.000000
## 3499	1.000000	0.000000	0.000000

## 3500	0.000000	0.000000	0.0000000
## 3501	1.000000	418.000000	3.0000000
## 3502	0.000000	0.000000	0.0000000
## 3503	0.000000	0.000000	0.0000000
## 3504	1.000000	23.000000	0.0000000
## 3505	1.000000	12.500000	0.0000000
## 3506	0.000000	0.000000	0.0000000
## 3507	0.000000	0.000000	0.0000000
## 3508	0.000000	0.000000	0.0000000
## 3509	0.000000	0.000000	0.0000000
## 3510	0.000000	0.000000	0.0000000
## 3511	5.000000	66.966667	2.0000000
## 3512	1.000000	120.000000	1.0000000
## 3513	0.000000	0.000000	0.0000000
## 3514	5.000000	54.000000	0.0000000
## 3515	0.000000	0.000000	0.0000000
## 3516	0.000000	0.000000	0.0000000
## 3517	0.000000	0.000000	0.0000000
## 3518	0.000000	0.000000	0.0000000
## 3519	0.000000	0.000000	0.0000000
## 3520	1.000000	4.000000	0.0000000
## 3521	7.000000	374.369048	0.0000000
## 3522	0.000000	0.000000	0.0000000
## 3523	1.000000	5.500000	0.0000000
## 3524	0.000000	0.000000	9.0000000
## 3525	0.000000	0.000000	0.0000000
## 3526	0.000000	0.000000	0.0000000
## 3527	6.000000	374.000000	0.0000000
## 3528	0.000000	0.000000	0.0000000
## 3529	0.000000	0.000000	0.0000000
## 3530	0.000000	0.000000	2.0000000
## 3531	1.000000	41.000000	0.0000000
## 3532	1.000000	15.000000	0.0000000
## 3533	0.000000	0.000000	0.0000000
## 3534	1.000000	11.000000	0.0000000
## 3535	0.000000	0.000000	1.0000000
## 3536	0.000000	0.000000	0.0000000
## 3537	1.000000	9.000000	0.0000000
## 3538	0.000000	0.000000	0.0000000
## 3539	0.000000	0.000000	0.0000000
## 3540	7.000000	54.636364	1.0000000
## 3541	0.000000	0.000000	0.0000000
## 3542	1.000000	45.000000	0.0000000
## 3543	2.000000	44.333333	0.0000000
## 3544	0.000000	0.000000	0.0000000
## 3545	4.000000	738.000000	0.0000000
## 3546	0.000000	0.000000	0.0000000
## 3547	0.000000	0.000000	0.0000000
## 3548	1.000000	72.000000	0.0000000
## 3549	0.000000	0.000000	1.0000000
## 3550	1.000000	12.000000	0.0000000
## 3551	9.000000	468.366667	1.0000000
## 3552	5.000000	55.500000	0.0000000
## 3553	3.000000	283.666667	1.0000000

## 3554	0.000000	0.000000	0.0000000
## 3555	0.000000	0.000000	0.0000000
## 3556	0.000000	0.000000	0.0000000
## 3557	0.000000	0.000000	0.0000000
## 3558	0.000000	0.000000	0.0000000
## 3559	0.000000	0.000000	0.0000000
## 3560	3.000000	53.500000	0.0000000
## 3561	0.000000	0.000000	0.0000000
## 3562	8.000000	132.000000	0.0000000
## 3563	0.000000	0.000000	0.0000000
## 3564	3.000000	101.000000	0.0000000
## 3565	0.000000	0.000000	0.0000000
## 3566	0.000000	0.000000	0.0000000
## 3567	1.000000	109.000000	0.0000000
## 3568	7.000000	278.833333	2.0000000
## 3569	0.000000	0.000000	0.0000000
## 3570	1.000000	0.000000	0.0000000
## 3571	0.000000	0.000000	0.0000000
## 3572	0.000000	0.000000	0.0000000
## 3573	0.000000	0.000000	0.0000000
## 3574	0.000000	0.000000	0.0000000
## 3575	1.000000	21.500000	2.0000000
## 3576	0.000000	0.000000	0.0000000
## 3577	4.000000	250.857143	1.0000000
## 3578	0.000000	0.000000	0.0000000
## 3579	6.000000	545.000000	4.0000000
## 3580	0.000000	0.000000	0.0000000
## 3581	0.000000	0.000000	0.0000000
## 3582	6.000000	60.000000	0.0000000
## 3583	0.000000	0.000000	0.0000000
## 3584	1.000000	13.000000	1.0000000
## 3585	3.000000	37.300000	4.0000000
## 3586	0.000000	0.000000	0.0000000
## 3587	5.000000	68.000000	0.0000000
## 3588	0.000000	0.000000	0.0000000
## 3589	0.000000	0.000000	0.0000000
## 3590	0.000000	0.000000	0.0000000
## 3591	4.000000	237.833333	0.0000000
## 3592	0.000000	0.000000	0.0000000
## 3593	3.000000	120.666667	0.0000000
## 3594	0.000000	0.000000	0.0000000
## 3595	3.000000	119.000000	1.0000000
## 3596	0.000000	0.000000	0.0000000
## 3597	0.000000	0.000000	0.0000000
## 3598	0.000000	0.000000	0.0000000
## 3599	2.000000	7.000000	0.0000000
## 3600	1.000000	65.000000	0.0000000
## 3601	0.000000	0.000000	0.0000000
## 3602	4.000000	1764.000000	1.0000000
## 3603	1.000000	68.000000	0.0000000
## 3604	0.000000	0.000000	0.0000000
## 3605	0.000000	0.000000	0.0000000
## 3606	0.000000	0.000000	0.0000000
## 3607	2.000000	63.666667	0.0000000

## 3608	0.000000	0.000000	0.0000000
## 3609	0.000000	0.000000	0.0000000
## 3610	0.000000	0.000000	0.0000000
## 3611	2.000000	37.500000	0.0000000
## 3612	10.000000	312.000000	0.0000000
## 3613	0.000000	0.000000	0.0000000
## 3614	6.000000	299.000000	1.0000000
## 3615	0.000000	0.000000	1.0000000
## 3616	1.000000	0.000000	1.0000000
## 3617	0.000000	0.000000	0.0000000
## 3618	0.000000	0.000000	0.0000000
## 3619	0.000000	0.000000	0.0000000
## 3620	0.000000	0.000000	0.0000000
## 3621	6.000000	93.500000	0.0000000
## 3622	0.000000	0.000000	0.0000000
## 3623	0.000000	0.000000	0.0000000
## 3624	0.000000	0.000000	0.0000000
## 3625	2.000000	67.000000	0.0000000
## 3626	0.000000	0.000000	0.0000000
## 3627	12.000000	251.866667	0.0000000
## 3628	3.000000	121.000000	0.0000000
## 3629	3.000000	71.000000	3.0000000
## 3630	0.000000	0.000000	0.0000000
## 3631	5.000000	110.000000	0.0000000
## 3632	0.000000	0.000000	0.0000000
## 3633	7.000000	136.666667	1.0000000
## 3634	0.000000	0.000000	0.0000000
## 3635	1.000000	8.000000	0.0000000
## 3636	11.000000	167.166667	6.0000000
## 3637	2.000000	15.000000	0.0000000
## 3638	5.000000	142.700000	0.0000000
## 3639	2.000000	114.000000	0.0000000
## 3640	0.000000	0.000000	0.0000000
## 3641	0.000000	0.000000	0.0000000
## 3642	3.000000	86.000000	0.0000000
## 3643	0.000000	0.000000	0.0000000
## 3644	5.000000	147.000000	0.0000000
## 3645	0.000000	0.000000	0.0000000
## 3646	4.000000	47.000000	0.0000000
## 3647	0.000000	0.000000	0.0000000
## 3648	0.000000	0.000000	0.0000000
## 3649	0.000000	0.000000	0.0000000
## 3650	8.000000	276.866667	0.0000000
## 3651	0.000000	0.000000	0.0000000
## 3652	0.000000	0.000000	1.0000000
## 3653	2.000000	132.000000	0.0000000
## 3654	1.000000	64.000000	0.0000000
## 3655	4.000000	103.500000	0.0000000
## 3656	0.000000	0.000000	0.0000000
## 3657	0.000000	0.000000	0.0000000
## 3658	3.000000	23.000000	0.0000000
## 3659	5.000000	1321.250000	0.0000000
## 3660	7.000000	190.583333	2.0000000
## 3661	1.000000	7.000000	0.0000000

## 3662	4.000000	67.000000	0.0000000
## 3663	4.000000	131.000000	1.0000000
## 3664	2.000000	46.000000	0.0000000
## 3665	3.000000	67.000000	0.0000000
## 3666	1.000000	77.000000	1.0000000
## 3667	0.000000	0.000000	0.0000000
## 3668	0.000000	0.000000	0.0000000
## 3669	0.000000	0.000000	0.0000000
## 3670	0.000000	0.000000	0.0000000
## 3671	0.000000	0.000000	2.0000000
## 3672	2.000000	7.000000	0.0000000
## 3673	0.000000	0.000000	1.0000000
## 3674	2.000000	15.000000	0.0000000
## 3675	7.000000	397.833333	0.0000000
## 3676	0.000000	0.000000	0.0000000
## 3677	0.000000	0.000000	1.0000000
## 3678	3.000000	251.000000	2.0000000
## 3679	0.000000	0.000000	0.0000000
## 3680	0.000000	0.000000	0.0000000
## 3681	0.000000	0.000000	0.0000000
## 3682	3.000000	203.000000	0.0000000
## 3683	0.000000	0.000000	0.0000000
## 3684	5.000000	232.400000	0.0000000
## 3685	0.000000	0.000000	0.0000000
## 3686	0.000000	0.000000	0.0000000
## 3687	0.000000	0.000000	0.0000000
## 3688	0.000000	0.000000	0.0000000
## 3689	0.000000	0.000000	0.0000000
## 3690	3.000000	22.333333	1.0000000
## 3691	5.000000	54.000000	0.0000000
## 3692	0.000000	0.000000	0.0000000
## 3693	1.000000	23.000000	0.0000000
## 3694	2.000000	116.000000	0.0000000
## 3695	2.000000	26.000000	3.0000000
## 3696	4.000000	90.500000	0.0000000
## 3697	0.000000	0.000000	0.0000000
## 3698	9.000000	159.716667	1.0000000
## 3699	0.000000	0.000000	0.0000000
## 3700	0.000000	0.000000	0.0000000
## 3701	0.000000	0.000000	0.0000000
## 3702	1.000000	18.000000	1.0000000
## 3703	2.000000	156.000000	1.0000000
## 3704	3.000000	47.000000	1.0000000
## 3705	4.000000	766.833333	0.0000000
## 3706	0.000000	0.000000	1.0000000
## 3707	0.000000	0.000000	0.0000000
## 3708	0.000000	0.000000	0.0000000
## 3709	0.000000	0.000000	0.0000000
## 3710	4.000000	318.666667	0.0000000
## 3711	6.000000	63.000000	1.0000000
## 3712	0.000000	0.000000	0.0000000
## 3713	1.000000	14.000000	0.0000000
## 3714	1.000000	5.384615	0.0000000
## 3715	0.000000	0.000000	0.0000000

## 3716	0.000000	0.000000	0.000000
## 3717	1.000000	15.000000	0.000000
## 3718	4.000000	147.500000	1.000000
## 3719	2.000000	10.000000	1.000000
## 3720	0.000000	0.000000	0.000000
## 3721	0.000000	0.000000	0.000000
## 3722	0.000000	0.000000	0.000000
## 3723	0.000000	0.000000	0.000000
## 3724	0.000000	0.000000	0.000000
## 3725	5.000000	131.200000	3.000000
## 3726	3.000000	61.500000	0.000000
## 3727	2.000000	386.000000	1.000000
## 3728	3.000000	179.500000	0.000000
## 3729	0.000000	0.000000	0.000000
## 3730	0.000000	0.000000	0.000000
## 3731	0.000000	0.000000	0.000000
## 3732	1.000000	45.500000	3.000000
## 3733	0.000000	0.000000	0.000000
## 3734	2.000000	26.666667	0.000000
## 3735	0.000000	0.000000	0.000000
## 3736	4.000000	91.000000	0.000000
## 3737	0.000000	0.000000	0.000000
## 3738	0.000000	0.000000	0.000000
## 3739	0.000000	0.000000	0.000000
## 3740	3.000000	44.750000	0.000000
## 3741	5.000000	53.000000	0.000000
## 3742	1.000000	49.000000	0.000000
## 3743	1.000000	53.000000	0.000000
## 3744	0.000000	0.000000	0.000000
## 3745	0.000000	0.000000	0.000000
## 3746	2.000000	225.000000	0.000000
## 3747	7.000000	108.000000	2.000000
## 3748	2.000000	90.000000	0.000000
## 3749	2.000000	84.000000	0.000000
## 3750	0.000000	0.000000	0.000000
## 3751	5.000000	33.000000	0.000000
## 3752	4.000000	368.833333	0.000000
## 3753	5.000000	73.500000	1.000000
## 3754	5.000000	68.666667	0.000000
## 3755	0.000000	0.000000	0.000000
## 3756	3.000000	45.000000	1.000000
## 3757	8.000000	839.000000	0.000000
## 3758	12.000000	402.500000	0.000000
## 3759	0.000000	0.000000	0.000000
## 3760	1.000000	33.000000	0.000000
## 3761	1.000000	19.000000	0.000000
## 3762	0.000000	0.000000	0.000000
## 3763	1.000000	51.000000	2.000000
## 3764	0.000000	0.000000	0.000000
## 3765	0.000000	0.000000	0.000000
## 3766	1.000000	31.000000	0.000000
## 3767	2.000000	21.333333	0.000000
## 3768	6.000000	71.500000	1.000000
## 3769	7.000000	51.000000	3.000000

## 3770	0.000000	0.000000	0.000000
## 3771	2.000000	72.500000	0.000000
## 3772	0.000000	0.000000	0.000000
## 3773	0.000000	0.000000	0.000000
## 3774	2.000000	71.300000	0.000000
## 3775	0.000000	0.000000	0.000000
## 3776	0.000000	0.000000	0.000000
## 3777	1.000000	0.000000	0.000000
## 3778	5.000000	37.000000	1.000000
## 3779	0.000000	0.000000	0.000000
## 3780	2.000000	30.000000	1.000000
## 3781	2.000000	23.000000	0.000000
## 3782	0.000000	0.000000	0.000000
## 3783	1.000000	4.000000	0.000000
## 3784	0.000000	0.000000	0.000000
## 3785	0.000000	0.000000	0.000000
## 3786	2.000000	105.000000	0.000000
## 3787	0.000000	0.000000	0.000000
## 3788	1.000000	4.000000	0.000000
## 3789	0.000000	0.000000	0.000000
## 3790	0.000000	0.000000	0.000000
## 3791	0.000000	0.000000	0.000000
## 3792	1.000000	20.500000	1.000000
## 3793	1.000000	38.000000	0.000000
## 3794	1.000000	6.000000	0.000000
## 3795	5.000000	112.333333	0.000000
## 3796	0.000000	0.000000	0.000000
## 3797	0.000000	0.000000	0.000000
## 3798	6.000000	245.466667	0.000000
## 3799	5.000000	86.166667	1.000000
## 3800	0.000000	0.000000	0.000000
## 3801	1.000000	10.000000	3.000000
## 3802	0.000000	0.000000	0.000000
## 3803	4.000000	104.500000	1.000000
## 3804	0.000000	0.000000	0.000000
## 3805	0.000000	0.000000	0.000000
## 3806	0.000000	0.000000	0.000000
## 3807	0.000000	0.000000	0.000000
## 3808	0.000000	0.000000	0.000000
## 3809	9.000000	177.000000	2.000000
## 3810	0.000000	0.000000	5.000000
## 3811	5.000000	129.500000	0.000000
## 3812	3.000000	52.000000	0.000000
## 3813	0.000000	0.000000	0.000000
## 3814	0.000000	0.000000	0.000000
## 3815	2.000000	25.500000	0.000000
## 3816	0.000000	0.000000	0.000000
## 3817	2.000000	87.250000	0.000000
## 3818	4.000000	57.500000	0.000000
## 3819	0.000000	0.000000	0.000000
## 3820	5.000000	50.666667	0.000000
## 3821	5.000000	41.000000	1.000000
## 3822	8.000000	294.500000	3.000000
## 3823	0.000000	0.000000	0.000000

## 3824	4.000000	362.000000	1.0000000
## 3825	0.000000	0.000000	0.0000000
## 3826	7.000000	96.000000	3.0000000
## 3827	0.000000	0.000000	0.0000000
## 3828	4.000000	157.000000	0.0000000
## 3829	0.000000	0.000000	0.0000000
## 3830	8.000000	820.800000	1.0000000
## 3831	0.000000	0.000000	0.0000000
## 3832	0.000000	0.000000	0.0000000
## 3833	0.000000	0.000000	0.0000000
## 3834	8.000000	157.000000	4.0000000
## 3835	4.000000	316.833333	1.0000000
## 3836	2.000000	17.000000	0.0000000
## 3837	0.000000	0.000000	0.0000000
## 3838	0.000000	0.000000	0.0000000
## 3839	0.000000	0.000000	0.0000000
## 3840	2.000000	235.000000	0.0000000
## 3841	9.000000	367.000000	0.0000000
## 3842	4.000000	51.019231	0.0000000
## 3843	4.000000	165.000000	0.0000000
## 3844	0.000000	0.000000	0.0000000
## 3845	0.000000	0.000000	0.0000000
## 3846	0.000000	0.000000	0.0000000
## 3847	0.000000	0.000000	0.0000000
## 3848	0.000000	0.000000	0.0000000
## 3849	0.000000	0.000000	0.0000000
## 3850	6.000000	175.000000	0.0000000
## 3851	1.000000	4.000000	0.0000000
## 3852	0.000000	0.000000	0.0000000
## 3853	0.000000	0.000000	0.0000000
## 3854	0.000000	0.000000	0.0000000
## 3855	3.000000	38.166667	0.0000000
## 3856	0.000000	0.000000	0.0000000
## 3857	14.000000	375.278571	0.0000000
## 3858	1.000000	0.000000	0.0000000
## 3859	3.000000	143.000000	2.0000000
## 3860	0.000000	0.000000	0.0000000
## 3861	9.000000	139.000000	1.0000000
## 3862	1.000000	9.000000	0.0000000
## 3863	0.000000	0.000000	0.0000000
## 3864	1.000000	8.000000	0.0000000
## 3865	5.000000	96.250000	0.0000000
## 3866	0.000000	0.000000	0.0000000
## 3867	1.000000	72.000000	1.0000000
## 3868	6.000000	40.666667	0.0000000
## 3869	0.000000	0.000000	0.0000000
## 3870	2.000000	0.000000	0.0000000
## 3871	1.000000	4.000000	0.0000000
## 3872	0.000000	0.000000	0.0000000
## 3873	0.000000	0.000000	0.0000000
## 3874	2.000000	38.333333	0.0000000
## 3875	0.000000	0.000000	8.0000000
## 3876	5.000000	114.666667	0.0000000
## 3877	0.000000	0.000000	0.0000000

## 3878	0.000000	0.000000	0.0000000
## 3879	1.000000	9.000000	1.0000000
## 3880	6.000000	142.300000	0.0000000
## 3881	2.000000	180.000000	3.0000000
## 3882	2.000000	87.000000	0.0000000
## 3883	5.000000	339.166667	0.0000000
## 3884	2.000000	133.000000	0.0000000
## 3885	0.000000	0.000000	0.0000000
## 3886	0.000000	0.000000	0.0000000
## 3887	0.000000	0.000000	0.0000000
## 3888	0.000000	0.000000	0.0000000
## 3889	3.000000	64.000000	0.0000000
## 3890	0.000000	0.000000	0.0000000
## 3891	0.000000	0.000000	1.0000000
## 3892	1.000000	24.500000	0.0000000
## 3893	0.000000	0.000000	0.0000000
## 3894	0.000000	0.000000	0.0000000
## 3895	0.000000	0.000000	0.0000000
## 3896	0.000000	0.000000	0.0000000
## 3897	8.000000	41.000000	0.0000000
## 3898	2.000000	81.500000	1.0000000
## 3899	0.000000	0.000000	0.0000000
## 3900	9.000000	219.250000	2.0000000
## 3901	0.000000	0.000000	0.0000000
## 3902	0.000000	0.000000	0.0000000
## 3903	0.000000	0.000000	0.0000000
## 3904	0.000000	0.000000	0.0000000
## 3905	0.000000	0.000000	0.0000000
## 3906	1.000000	11.000000	0.0000000
## 3907	0.000000	0.000000	0.0000000
## 3908	0.000000	0.000000	2.0000000
## 3909	1.000000	35.000000	0.0000000
## 3910	0.000000	0.000000	0.0000000
## 3911	7.000000	78.300000	5.0000000
## 3912	4.000000	120.000000	4.0000000
## 3913	1.000000	5.000000	0.0000000
## 3914	0.000000	0.000000	3.0000000
## 3915	0.000000	0.000000	0.0000000
## 3916	0.000000	0.000000	1.0000000
## 3917	2.000000	15.600000	0.0000000
## 3918	0.000000	0.000000	0.0000000
## 3919	0.000000	0.000000	0.0000000
## 3920	0.000000	0.000000	0.0000000
## 3921	8.000000	259.833333	0.0000000
## 3922	1.000000	5.000000	0.0000000
## 3923	1.000000	15.000000	0.0000000
## 3924	0.000000	0.000000	0.0000000
## 3925	0.000000	0.000000	0.0000000
## 3926	6.000000	88.000000	0.0000000
## 3927	0.000000	0.000000	0.0000000
## 3928	0.000000	0.000000	0.0000000
## 3929	0.000000	0.000000	0.0000000
## 3930	0.000000	0.000000	0.0000000
## 3931	0.000000	0.000000	0.0000000

## 3932	0.000000	0.000000	0.000000
## 3933	5.000000	389.000000	0.000000
## 3934	0.000000	0.000000	0.000000
## 3935	4.000000	122.500000	0.000000
## 3936	2.000000	127.000000	0.000000
## 3937	1.000000	0.000000	1.000000
## 3938	0.000000	0.000000	0.000000
## 3939	0.000000	0.000000	0.000000
## 3940	2.000000	139.000000	1.000000
## 3941	0.000000	0.000000	0.000000
## 3942	3.000000	78.500000	0.000000
## 3943	2.000000	96.000000	2.000000
## 3944	2.000000	162.000000	0.000000
## 3945	4.000000	41.333333	0.000000
## 3946	0.000000	0.000000	0.000000
## 3947	0.000000	0.000000	0.000000
## 3948	0.000000	0.000000	0.000000
## 3949	1.000000	69.000000	1.000000
## 3950	0.000000	0.000000	0.000000
## 3951	0.000000	0.000000	0.000000
## 3952	3.000000	48.000000	0.000000
## 3953	0.000000	0.000000	0.000000
## 3954	2.000000	84.500000	0.000000
## 3955	0.000000	0.000000	1.000000
## 3956	0.000000	0.000000	0.000000
## 3957	4.000000	85.000000	0.000000
## 3958	3.000000	72.500000	4.000000
## 3959	0.000000	0.000000	0.000000
## 3960	0.000000	0.000000	0.000000
## 3961	0.000000	0.000000	0.000000
## 3962	2.000000	5.000000	0.000000
## 3963	2.000000	73.000000	0.000000
## 3964	0.000000	0.000000	0.000000
## 3965	0.000000	0.000000	0.000000
## 3966	5.000000	35.750000	0.000000
## 3967	0.000000	0.000000	0.000000
## 3968	8.000000	149.500000	0.000000
## 3969	0.000000	0.000000	0.000000
## 3970	3.000000	91.500000	0.000000
## 3971	5.000000	117.333333	4.000000
## 3972	13.000000	388.300000	8.000000
## 3973	0.000000	0.000000	0.000000
## 3974	1.000000	27.000000	2.000000
## 3975	8.000000	245.083333	1.000000
## 3976	3.000000	13.000000	0.000000
## 3977	0.000000	0.000000	1.000000
## 3978	0.000000	0.000000	0.000000
## 3979	4.000000	214.000000	1.000000
## 3980	3.000000	99.000000	0.000000
## 3981	0.000000	0.000000	0.000000
## 3982	5.000000	52.500000	0.000000
## 3983	0.000000	0.000000	0.000000
## 3984	0.000000	0.000000	0.000000
## 3985	0.000000	0.000000	0.000000

## 3986	0.000000	0.000000	0.000000
## 3987	5.000000	142.500000	1.000000
## 3988	1.000000	4.000000	0.000000
## 3989	0.000000	0.000000	0.000000
## 3990	0.000000	0.000000	0.000000
## 3991	3.000000	37.000000	1.000000
## 3992	0.000000	0.000000	0.000000
## 3993	0.000000	0.000000	0.000000
## 3994	5.000000	543.000000	6.000000
## 3995	0.000000	0.000000	0.000000
## 3996	0.000000	0.000000	0.000000
## 3997	5.000000	79.000000	1.000000
## 3998	0.000000	0.000000	0.000000
## 3999	0.000000	0.000000	0.000000
## 4000	0.000000	0.000000	0.000000
## 4001	8.000000	143.166667	1.000000
## 4002	0.000000	0.000000	0.000000
## 4003	0.000000	0.000000	0.000000
## 4004	2.000000	738.000000	0.000000
## 4005	4.000000	132.000000	0.000000
## 4006	2.000000	9.166667	2.000000
## 4007	8.000000	245.166667	2.000000
## 4008	0.000000	0.000000	0.000000
## 4009	0.000000	0.000000	0.000000
## 4010	8.000000	246.500000	0.000000
## 4011	0.000000	0.000000	0.000000
## 4012	4.000000	65.166667	0.000000
## 4013	7.000000	156.900000	0.000000
## 4014	0.000000	0.000000	0.000000
## 4015	4.000000	74.214286	0.000000
## 4016	0.000000	0.000000	0.000000
## 4017	5.000000	210.777778	3.000000
## 4018	0.000000	0.000000	0.000000
## 4019	0.000000	0.000000	7.000000
## 4020	3.000000	92.166667	1.000000
## 4021	3.000000	102.000000	0.000000
## 4022	1.000000	37.000000	0.000000
## 4023	0.000000	0.000000	0.000000
## 4024	0.000000	0.000000	0.000000
## 4025	2.000000	51.000000	0.000000
## 4026	3.000000	90.511111	0.000000
## 4027	0.000000	0.000000	1.000000
## 4028	2.000000	37.000000	0.000000
## 4029	8.000000	185.000000	0.000000
## 4030	0.000000	0.000000	0.000000
## 4031	0.000000	0.000000	0.000000
## 4032	0.000000	0.000000	0.000000
## 4033	0.000000	0.000000	0.000000
## 4034	1.000000	21.000000	0.000000
## 4035	0.000000	0.000000	2.000000
## 4036	0.000000	0.000000	0.000000
## 4037	0.000000	0.000000	0.000000
## 4038	3.000000	131.000000	0.000000
## 4039	1.000000	0.000000	0.000000

## 4040	0.000000	0.000000	0.0000000
## 4041	0.000000	0.000000	0.0000000
## 4042	0.000000	0.000000	0.0000000
## 4043	4.000000	165.000000	0.0000000
## 4044	1.000000	6.000000	0.0000000
## 4045	1.000000	6.000000	0.0000000
## 4046	3.000000	30.000000	0.0000000
## 4047	3.000000	222.500000	0.0000000
## 4048	0.000000	0.000000	0.0000000
## 4049	2.000000	8.500000	0.0000000
## 4050	15.000000	641.535714	3.0000000
## 4051	0.000000	0.000000	0.0000000
## 4052	0.000000	0.000000	0.0000000
## 4053	10.000000	815.766667	3.0000000
## 4054	7.000000	128.166667	1.0000000
## 4055	0.000000	0.000000	0.0000000
## 4056	6.000000	203.500000	0.0000000
## 4057	10.000000	1271.500000	0.0000000
## 4058	0.000000	0.000000	0.0000000
## 4059	11.000000	494.166667	4.0000000
## 4060	13.000000	313.033333	0.0000000
## 4061	0.000000	0.000000	2.0000000
## 4062	0.000000	0.000000	0.0000000
## 4063	3.000000	61.196429	0.0000000
## 4064	2.000000	10.000000	5.0000000
## 4065	3.000000	602.000000	0.0000000
## 4066	0.000000	0.000000	0.0000000
## 4067	0.000000	0.000000	0.0000000
## 4068	0.000000	0.000000	0.0000000
## 4069	0.000000	0.000000	0.0000000
## 4070	0.000000	0.000000	0.0000000
## 4071	0.000000	0.000000	0.0000000
## 4072	0.000000	0.000000	0.0000000
## 4073	0.000000	0.000000	0.0000000
## 4074	3.000000	19.000000	0.0000000
## 4075	11.000000	157.058333	5.0000000
## 4076	4.000000	203.500000	0.0000000
## 4077	6.000000	99.500000	0.0000000
## 4078	2.000000	279.500000	0.0000000
## 4079	11.000000	334.750000	0.0000000
## 4080	0.000000	0.000000	0.0000000
## 4081	0.000000	0.000000	0.0000000
## 4082	4.000000	144.500000	0.0000000
## 4083	0.000000	0.000000	0.0000000
## 4084	0.000000	0.000000	0.0000000
## 4085	2.000000	282.500000	0.0000000
## 4086	0.000000	0.000000	0.0000000
## 4087	0.000000	0.000000	0.0000000
## 4088	2.000000	46.333333	0.0000000
## 4089	0.000000	0.000000	0.0000000
## 4090	0.000000	0.000000	0.0000000
## 4091	5.000000	321.666667	7.0000000
## 4092	0.000000	0.000000	0.0000000
## 4093	0.000000	0.000000	1.0000000

## 4094	2.000000	29.000000	0.0000000
## 4095	7.000000	84.666667	2.0000000
## 4096	3.000000	54.000000	0.0000000
## 4097	0.000000	0.000000	0.0000000
## 4098	4.000000	94.000000	0.0000000
## 4099	1.000000	70.000000	0.0000000
## 4100	0.000000	0.000000	0.0000000
## 4101	0.000000	0.000000	0.0000000
## 4102	10.000000	253.900000	7.0000000
## 4103	0.000000	0.000000	0.0000000
## 4104	0.000000	0.000000	0.0000000
## 4105	2.000000	44.000000	2.0000000
## 4106	0.000000	0.000000	0.0000000
## 4107	7.000000	105.750000	0.0000000
## 4108	0.000000	0.000000	0.0000000
## 4109	8.000000	117.500000	0.0000000
## 4110	0.000000	0.000000	0.0000000
## 4111	0.000000	0.000000	0.0000000
## 4112	1.000000	512.000000	0.0000000
## 4113	2.000000	100.000000	1.0000000
## 4114	0.000000	0.000000	0.0000000
## 4115	0.000000	0.000000	0.0000000
## 4116	10.000000	196.000000	0.0000000
## 4117	17.000000	975.750000	0.0000000
## 4118	1.000000	7.000000	1.0000000
## 4119	0.000000	0.000000	0.0000000
## 4120	0.000000	0.000000	0.0000000
## 4121	2.000000	143.800000	1.0000000
## 4122	0.000000	0.000000	0.0000000
## 4123	3.000000	32.000000	0.0000000
## 4124	7.000000	129.666667	3.0000000
## 4125	10.000000	323.550000	0.0000000
## 4126	0.000000	0.000000	0.0000000
## 4127	4.000000	198.500000	0.0000000
## 4128	4.000000	153.250000	0.0000000
## 4129	0.000000	0.000000	0.0000000
## 4130	1.000000	0.000000	2.0000000
## 4131	0.000000	0.000000	0.0000000
## 4132	5.000000	99.000000	0.0000000
## 4133	1.000000	5.000000	0.0000000
## 4134	4.000000	109.500000	0.0000000
## 4135	0.000000	0.000000	0.0000000
## 4136	7.000000	1474.500000	2.0000000
## 4137	2.000000	38.000000	0.0000000
## 4138	5.000000	73.000000	0.0000000
## 4139	0.000000	0.000000	0.0000000
## 4140	3.000000	19.333333	0.0000000
## 4141	0.000000	0.000000	0.0000000
## 4142	10.000000	464.150000	4.0000000
## 4143	0.000000	0.000000	0.0000000
## 4144	0.000000	0.000000	1.0000000
## 4145	0.000000	0.000000	0.0000000
## 4146	0.000000	0.000000	0.0000000
## 4147	1.000000	0.000000	0.0000000

## 4148	0.000000	0.000000	0.000000
## 4149	6.000000	523.333333	3.000000
## 4150	6.000000	162.500000	0.000000
## 4151	0.000000	0.000000	0.000000
## 4152	2.000000	42.000000	0.000000
## 4153	0.000000	0.000000	0.000000
## 4154	1.000000	4.000000	0.000000
## 4155	0.000000	0.000000	0.000000
## 4156	2.000000	173.000000	0.000000
## 4157	0.000000	0.000000	0.000000
## 4158	3.000000	45.000000	0.000000
## 4159	0.000000	0.000000	0.000000
## 4160	0.000000	0.000000	0.000000
## 4161	1.000000	4.000000	0.000000
## 4162	0.000000	0.000000	0.000000
## 4163	8.000000	77.000000	0.000000
## 4164	0.000000	0.000000	0.000000
## 4165	4.000000	98.000000	1.000000
## 4166	1.000000	15.000000	0.000000
## 4167	0.000000	0.000000	0.000000
## 4168	0.000000	0.000000	0.000000
## 4169	8.000000	31.100000	11.000000
## 4170	4.000000	76.166667	0.000000
## 4171	0.000000	0.000000	0.000000
## 4172	0.000000	0.000000	1.000000
## 4173	9.000000	299.633333	4.000000
## 4174	1.000000	4.000000	0.000000
## 4175	0.000000	0.000000	0.000000
## 4176	8.000000	433.100000	2.000000
## 4177	3.000000	35.333333	0.000000
## 4178	0.000000	0.000000	0.000000
## 4179	0.000000	0.000000	0.000000
## 4180	0.000000	0.000000	0.000000
## 4181	1.000000	14.000000	0.000000
## 4182	0.000000	0.000000	0.000000
## 4183	0.000000	0.000000	1.000000
## 4184	0.000000	0.000000	0.000000
## 4185	0.000000	0.000000	0.000000
## 4186	0.000000	0.000000	1.000000
## 4187	2.000000	10.000000	1.000000
## 4188	6.000000	140.333333	0.000000
## 4189	4.000000	127.000000	0.000000
## 4190	5.000000	200.000000	1.000000
## 4191	0.000000	0.000000	0.000000
## 4192	4.000000	44.500000	0.000000
## 4193	4.000000	63.000000	0.000000
## 4194	5.000000	77.500000	0.000000
## 4195	3.000000	270.000000	1.000000
## 4196	0.000000	0.000000	0.000000
## 4197	0.000000	0.000000	0.000000
## 4198	0.000000	0.000000	0.000000
## 4199	9.000000	104.985714	0.000000
## 4200	3.000000	117.000000	0.000000
## 4201	8.000000	57.500000	0.000000

## 4202	2.000000	310.857143	3.0000000
## 4203	2.000000	37.000000	0.0000000
## 4204	2.000000	88.000000	2.0000000
## 4205	8.000000	732.250000	0.0000000
## 4206	0.000000	0.000000	0.0000000
## 4207	0.000000	0.000000	0.0000000
## 4208	4.000000	126.500000	0.0000000
## 4209	1.000000	9.000000	0.0000000
## 4210	10.000000	139.500000	0.0000000
## 4211	1.000000	42.000000	1.0000000
## 4212	0.000000	0.000000	0.0000000
## 4213	0.000000	0.000000	1.0000000
## 4214	9.000000	216.750000	0.0000000
## 4215	8.000000	321.600000	0.0000000
## 4216	1.000000	9.000000	0.0000000
## 4217	9.000000	666.000000	0.0000000
## 4218	0.000000	0.000000	0.0000000
## 4219	0.000000	0.000000	0.0000000
## 4220	8.000000	332.666667	8.0000000
## 4221	2.000000	115.000000	5.0000000
## 4222	3.000000	17.000000	0.0000000
## 4223	2.000000	45.000000	0.0000000
## 4224	3.000000	59.000000	0.0000000
## 4225	0.000000	0.000000	1.0000000
## 4226	1.000000	11.000000	0.0000000
## 4227	5.000000	661.000000	3.0000000
## 4228	0.000000	0.000000	0.0000000
## 4229	0.000000	0.000000	1.0000000
## 4230	0.000000	0.000000	0.0000000
## 4231	0.000000	0.000000	0.0000000
## 4232	1.000000	24.000000	0.0000000
## 4233	0.000000	0.000000	0.0000000
## 4234	0.000000	0.000000	0.0000000
## 4235	0.000000	0.000000	0.0000000
## 4236	0.000000	0.000000	0.0000000
## 4237	4.000000	259.000000	1.0000000
## 4238	0.000000	0.000000	0.0000000
## 4239	4.000000	46.000000	1.0000000
## 4240	0.000000	0.000000	0.0000000
## 4241	15.000000	591.663636	0.0000000
## 4242	0.000000	0.000000	1.0000000
## 4243	8.000000	228.833333	1.0000000
## 4244	0.000000	0.000000	0.0000000
## 4245	0.000000	0.000000	0.0000000
## 4246	0.000000	0.000000	0.0000000
## 4247	0.000000	0.000000	0.0000000
## 4248	0.000000	0.000000	0.0000000
## 4249	1.000000	18.000000	0.0000000
## 4250	0.000000	0.000000	0.0000000
## 4251	0.000000	0.000000	1.0000000
## 4252	0.000000	0.000000	0.0000000
## 4253	0.000000	0.000000	0.0000000
## 4254	4.000000	221.000000	0.0000000
## 4255	1.000000	0.000000	0.0000000

## 4256	0.000000	0.000000	0.0000000
## 4257	0.000000	0.000000	0.0000000
## 4258	15.000000	370.275000	12.0000000
## 4259	6.000000	34.400000	0.0000000
## 4260	0.000000	0.000000	0.0000000
## 4261	0.000000	0.000000	0.0000000
## 4262	6.000000	200.333333	0.0000000
## 4263	7.000000	214.333333	5.0000000
## 4264	0.000000	0.000000	0.0000000
## 4265	9.000000	208.400000	0.0000000
## 4266	0.000000	0.000000	0.0000000
## 4267	0.000000	0.000000	0.0000000
## 4268	9.000000	779.355662	4.0000000
## 4269	1.000000	9.500000	0.0000000
## 4270	0.000000	0.000000	0.0000000
## 4271	8.000000	172.200000	0.0000000
## 4272	0.000000	0.000000	0.0000000
## 4273	9.000000	64.088235	1.0000000
## 4274	4.000000	160.583333	1.0000000
## 4275	5.000000	62.000000	0.0000000
## 4276	0.000000	0.000000	0.0000000
## 4277	0.000000	0.000000	0.0000000
## 4278	2.000000	67.000000	0.0000000
## 4279	0.000000	0.000000	0.0000000
## 4280	0.000000	0.000000	0.0000000
## 4281	0.000000	0.000000	0.0000000
## 4282	0.000000	0.000000	0.0000000
## 4283	5.000000	262.500000	0.0000000
## 4284	0.000000	0.000000	0.0000000
## 4285	0.000000	0.000000	0.0000000
## 4286	0.000000	0.000000	0.0000000
## 4287	2.000000	39.500000	4.0000000
## 4288	4.000000	87.000000	0.0000000
## 4289	4.000000	244.000000	0.0000000
## 4290	0.000000	0.000000	0.0000000
## 4291	1.000000	21.000000	0.0000000
## 4292	0.000000	0.000000	0.0000000
## 4293	10.000000	293.000000	0.0000000
## 4294	7.000000	340.611111	2.0000000
## 4295	3.000000	30.500000	0.0000000
## 4296	1.000000	3.000000	0.0000000
## 4297	0.000000	0.000000	0.0000000
## 4298	4.000000	89.500000	0.0000000
## 4299	8.000000	137.075000	0.0000000
## 4300	7.000000	157.500000	1.0000000
## 4301	0.000000	0.000000	0.0000000
## 4302	0.000000	0.000000	0.0000000
## 4303	4.000000	45.000000	0.0000000
## 4304	0.000000	0.000000	0.0000000
## 4305	0.000000	0.000000	0.0000000
## 4306	0.000000	0.000000	0.0000000
## 4307	0.000000	0.000000	0.0000000
## 4308	0.000000	0.000000	0.0000000
## 4309	2.000000	88.000000	0.0000000

## 4310	0.000000	0.000000	0.000000
## 4311	1.000000	87.000000	0.000000
## 4312	3.000000	106.000000	0.000000
## 4313	9.000000	726.366667	0.000000
## 4314	1.000000	8.000000	0.000000
## 4315	1.000000	43.666667	0.000000
## 4316	0.000000	0.000000	0.000000
## 4317	0.000000	0.000000	0.000000
## 4318	14.000000	1261.916667	12.000000
## 4319	3.000000	74.000000	0.000000
## 4320	2.000000	59.000000	0.000000
## 4321	2.000000	32.000000	2.000000
## 4322	0.000000	0.000000	0.000000
## 4323	7.000000	123.500000	0.000000
## 4324	4.000000	60.000000	2.000000
## 4325	0.000000	0.000000	0.000000
## 4326	0.000000	0.000000	0.000000
## 4327	0.000000	0.000000	0.000000
## 4328	6.000000	224.000000	0.000000
## 4329	8.000000	71.666667	0.000000
## 4330	0.000000	0.000000	0.000000
## 4331	2.000000	28.000000	0.000000
## 4332	0.000000	0.000000	0.000000
## 4333	4.000000	61.500000	0.000000
## 4334	1.000000	2.000000	1.000000
## 4335	0.000000	0.000000	0.000000
## 4336	1.000000	0.000000	0.000000
## 4337	0.000000	0.000000	0.000000
## 4338	16.000000	770.600000	0.000000
## 4339	0.000000	0.000000	0.000000
## 4340	1.000000	101.000000	0.000000
## 4341	6.000000	186.866667	0.000000
## 4342	0.000000	0.000000	0.000000
## 4343	2.000000	53.500000	0.000000
## 4344	0.000000	0.000000	0.000000
## 4345	4.000000	82.666667	0.000000
## 4346	0.000000	0.000000	0.000000
## 4347	10.000000	236.900000	0.000000
## 4348	0.000000	0.000000	0.000000
## 4349	0.000000	0.000000	0.000000
## 4350	5.000000	39.000000	2.000000
## 4351	1.000000	194.000000	0.000000
## 4352	2.000000	44.000000	0.000000
## 4353	0.000000	0.000000	0.000000
## 4354	0.000000	0.000000	0.000000
## 4355	0.000000	0.000000	0.000000
## 4356	9.000000	424.000000	0.000000
## 4357	0.000000	0.000000	0.000000
## 4358	8.000000	62.500000	0.000000
## 4359	0.000000	0.000000	0.000000
## 4360	4.000000	134.500000	2.000000
## 4361	0.000000	0.000000	0.000000
## 4362	6.000000	253.750000	3.000000
## 4363	5.000000	76.333333	2.000000

## 4364	0.000000	0.000000	0.0000000
## 4365	0.000000	0.000000	0.0000000
## 4366	4.000000	158.000000	0.0000000
## 4367	0.000000	0.000000	0.0000000
## 4368	3.000000	53.000000	0.0000000
## 4369	7.000000	161.250000	1.0000000
## 4370	2.000000	471.500000	5.0000000
## 4371	10.000000	62.500000	1.0000000
## 4372	3.000000	135.500000	0.0000000
## 4373	0.000000	0.000000	1.0000000
## 4374	0.000000	0.000000	0.0000000
## 4375	3.000000	80.000000	1.0000000
## 4376	4.000000	75.000000	0.0000000
## 4377	2.000000	57.000000	0.0000000
## 4378	0.000000	0.000000	0.0000000
## 4379	6.000000	75.000000	0.0000000
## 4380	1.000000	89.000000	0.0000000
## 4381	13.000000	313.090909	4.0000000
## 4382	3.000000	137.566667	2.0000000
## 4383	0.000000	0.000000	0.0000000
## 4384	5.000000	47.071429	0.0000000
## 4385	0.000000	0.000000	0.0000000
## 4386	0.000000	0.000000	0.0000000
## 4387	6.000000	132.000000	1.0000000
## 4388	3.000000	46.000000	3.0000000
## 4389	2.000000	273.000000	1.0000000
## 4390	0.000000	0.000000	0.0000000
## 4391	3.000000	105.000000	0.0000000
## 4392	1.000000	3.000000	0.0000000
## 4393	0.000000	0.000000	0.0000000
## 4394	3.000000	109.000000	0.0000000
## 4395	0.000000	0.000000	0.0000000
## 4396	1.000000	19.000000	0.0000000
## 4397	0.000000	0.000000	0.0000000
## 4398	0.000000	0.000000	0.0000000
## 4399	2.000000	0.000000	0.0000000
## 4400	3.000000	405.166667	2.0000000
## 4401	0.000000	0.000000	0.0000000
## 4402	0.000000	0.000000	0.0000000
## 4403	3.000000	25.400000	0.0000000
## 4404	1.000000	52.000000	0.0000000
## 4405	1.000000	0.000000	0.0000000
## 4406	4.000000	174.000000	0.0000000
## 4407	0.000000	0.000000	0.0000000
## 4408	0.000000	0.000000	0.0000000
## 4409	9.000000	406.416667	0.0000000
## 4410	1.000000	6.400000	0.0000000
## 4411	0.000000	0.000000	0.0000000
## 4412	0.000000	0.000000	0.0000000
## 4413	1.000000	18.000000	0.0000000
## 4414	0.000000	0.000000	0.0000000
## 4415	0.000000	0.000000	0.0000000
## 4416	1.000000	63.000000	0.0000000
## 4417	0.000000	0.000000	0.0000000

## 4418	0.000000	0.000000	0.0000000
## 4419	1.000000	0.000000	0.0000000
## 4420	0.000000	0.000000	0.0000000
## 4421	2.000000	179.000000	1.0000000
## 4422	7.000000	271.333333	0.0000000
## 4423	0.000000	0.000000	0.0000000
## 4424	0.000000	0.000000	0.0000000
## 4425	7.000000	280.000000	0.0000000
## 4426	3.000000	168.000000	1.0000000
## 4427	3.000000	48.000000	0.0000000
## 4428	0.000000	0.000000	0.0000000
## 4429	8.000000	674.000000	0.0000000
## 4430	0.000000	0.000000	0.0000000
## 4431	7.000000	40.500000	0.0000000
## 4432	2.000000	820.000000	0.0000000
## 4433	0.000000	0.000000	0.0000000
## 4434	0.000000	0.000000	0.0000000
## 4435	0.000000	0.000000	0.0000000
## 4436	4.000000	104.000000	1.0000000
## 4437	1.000000	108.000000	0.0000000
## 4438	4.000000	64.500000	0.0000000
## 4439	0.000000	0.000000	0.0000000
## 4440	1.000000	18.000000	0.0000000
## 4441	9.000000	255.866667	0.0000000
## 4442	3.000000	209.000000	0.0000000
## 4443	0.000000	0.000000	0.0000000
## 4444	1.000000	37.000000	0.0000000
## 4445	22.000000	1951.279141	1.0000000
## 4446	0.000000	0.000000	1.0000000
## 4447	6.000000	70.500000	2.0000000
## 4448	0.000000	0.000000	0.0000000
## 4449	1.000000	132.000000	0.0000000
## 4450	0.000000	0.000000	0.0000000
## 4451	13.000000	318.720238	1.0000000
## 4452	9.000000	98.944444	1.0000000
## 4453	0.000000	0.000000	0.0000000
## 4454	5.000000	215.500000	0.0000000
## 4455	0.000000	0.000000	0.0000000
## 4456	2.000000	17.000000	2.0000000
## 4457	15.000000	365.111111	4.0000000
## 4458	0.000000	0.000000	0.0000000
## 4459	0.000000	0.000000	0.0000000
## 4460	0.000000	0.000000	0.0000000
## 4461	0.000000	0.000000	0.0000000
## 4462	0.000000	0.000000	0.0000000
## 4463	0.000000	0.000000	2.0000000
## 4464	0.000000	0.000000	0.0000000
## 4465	0.000000	0.000000	0.0000000
## 4466	4.000000	84.000000	3.0000000
## 4467	3.000000	119.000000	0.0000000
## 4468	5.000000	84.333333	1.0000000
## 4469	0.000000	0.000000	0.0000000
## 4470	0.000000	0.000000	0.0000000
## 4471	0.000000	0.000000	0.0000000

## 4472	3.000000	118.000000	0.0000000
## 4473	0.000000	0.000000	0.0000000
## 4474	0.000000	0.000000	0.0000000
## 4475	4.000000	36.000000	0.0000000
## 4476	6.000000	108.000000	2.0000000
## 4477	2.000000	10.000000	1.0000000
## 4478	3.000000	377.000000	0.0000000
## 4479	2.000000	33.000000	0.0000000
## 4480	4.000000	155.000000	0.0000000
## 4481	3.000000	17.000000	0.0000000
## 4482	5.000000	136.000000	0.0000000
## 4483	1.000000	4.000000	0.0000000
## 4484	0.000000	0.000000	0.0000000
## 4485	6.000000	98.833333	1.0000000
## 4486	0.000000	0.000000	1.0000000
## 4487	0.000000	0.000000	0.0000000
## 4488	0.000000	0.000000	0.0000000
## 4489	0.000000	0.000000	1.0000000
## 4490	1.000000	43.000000	0.0000000
## 4491	12.000000	633.500000	0.0000000
## 4492	0.000000	0.000000	0.0000000
## 4493	0.000000	0.000000	0.0000000
## 4494	0.000000	0.000000	0.0000000
## 4495	1.000000	23.000000	2.0000000
## 4496	0.000000	0.000000	3.0000000
## 4497	0.000000	0.000000	0.0000000
## 4498	2.000000	45.000000	2.0000000
## 4499	0.000000	0.000000	0.0000000
## 4500	1.000000	0.000000	0.0000000
## 4501	2.000000	51.000000	0.0000000
## 4502	5.000000	47.333333	0.0000000
## 4503	3.000000	73.500000	8.0000000
## 4504	0.000000	0.000000	0.0000000
## 4505	0.000000	0.000000	0.0000000
## 4506	0.000000	0.000000	0.0000000
## 4507	0.000000	0.000000	0.0000000
## 4508	5.000000	109.833333	1.0000000
## 4509	3.000000	738.400000	0.0000000
## 4510	0.000000	0.000000	0.0000000
## 4511	8.000000	178.166667	1.0000000
## 4512	0.000000	0.000000	0.0000000
## 4513	4.000000	173.250000	0.0000000
## 4514	0.000000	0.000000	3.0000000
## 4515	6.000000	102.500000	1.0000000
## 4516	0.000000	0.000000	1.0000000
## 4517	0.000000	0.000000	0.0000000
## 4518	0.000000	0.000000	0.0000000
## 4519	0.000000	0.000000	0.0000000
## 4520	6.000000	281.333333	3.0000000
## 4521	0.000000	0.000000	0.0000000
## 4522	3.000000	75.000000	0.0000000
## 4523	0.000000	0.000000	0.0000000
## 4524	0.000000	0.000000	0.0000000
## 4525	0.000000	0.000000	0.0000000

## 4526	3.000000	515.000000	0.0000000
## 4527	0.000000	0.000000	0.0000000
## 4528	3.000000	195.000000	0.0000000
## 4529	2.000000	31.333333	2.0000000
## 4530	0.000000	0.000000	0.0000000
## 4531	0.000000	0.000000	0.0000000
## 4532	0.000000	0.000000	0.0000000
## 4533	4.000000	183.000000	1.0000000
## 4534	0.000000	0.000000	0.0000000
## 4535	0.000000	0.000000	0.0000000
## 4536	11.000000	1064.000000	1.0000000
## 4537	0.000000	0.000000	0.0000000
## 4538	9.000000	208.266667	0.0000000
## 4539	0.000000	0.000000	0.0000000
## 4540	0.000000	0.000000	0.0000000
## 4541	3.000000	14.500000	0.0000000
## 4542	0.000000	0.000000	0.0000000
## 4543	4.000000	112.000000	0.0000000
## 4544	4.000000	103.000000	0.0000000
## 4545	0.000000	0.000000	0.0000000
## 4546	5.000000	69.500000	0.0000000
## 4547	0.000000	0.000000	0.0000000
## 4548	3.000000	334.600000	0.0000000
## 4549	0.000000	0.000000	0.0000000
## 4550	2.000000	29.000000	1.0000000
## 4551	5.000000	115.111111	2.0000000
## 4552	0.000000	0.000000	0.0000000
## 4553	0.000000	0.000000	0.0000000
## 4554	0.000000	0.000000	0.0000000
## 4555	0.000000	0.000000	0.0000000
## 4556	2.000000	51.666667	0.0000000
## 4557	5.000000	78.400000	0.0000000
## 4558	2.000000	58.000000	0.0000000
## 4559	0.000000	0.000000	0.0000000
## 4560	0.000000	0.000000	0.0000000
## 4561	0.000000	0.000000	0.0000000
## 4562	0.000000	0.000000	0.0000000
## 4563	0.000000	0.000000	0.0000000
## 4564	0.000000	0.000000	0.0000000
## 4565	8.000000	50.750000	1.0000000
## 4566	0.000000	0.000000	0.0000000
## 4567	4.000000	15.000000	1.0000000
## 4568	0.000000	0.000000	0.0000000
## 4569	0.000000	0.000000	0.0000000
## 4570	0.000000	0.000000	0.0000000
## 4571	0.000000	0.000000	0.0000000
## 4572	4.000000	99.291667	0.0000000
## 4573	0.000000	0.000000	0.0000000
## 4574	0.000000	0.000000	0.0000000
## 4575	0.000000	0.000000	0.0000000
## 4576	3.000000	99.000000	0.0000000
## 4577	7.000000	624.200000	3.0000000
## 4578	3.000000	96.000000	0.0000000
## 4579	0.000000	0.000000	0.0000000

## 4580	6.000000	1279.500000	0.0000000
## 4581	0.000000	0.000000	0.0000000
## 4582	3.000000	34.000000	1.0000000
## 4583	0.000000	0.000000	0.0000000
## 4584	1.000000	174.000000	0.0000000
## 4585	0.000000	0.000000	0.0000000
## 4586	6.000000	49.183333	0.0000000
## 4587	0.000000	0.000000	0.0000000
## 4588	0.000000	0.000000	0.0000000
## 4589	0.000000	0.000000	0.0000000
## 4590	10.000000	237.833333	2.0000000
## 4591	2.000000	15.000000	0.0000000
## 4592	0.000000	0.000000	2.0000000
## 4593	5.000000	91.500000	0.0000000
## 4594	0.000000	0.000000	0.0000000
## 4595	0.000000	0.000000	0.0000000
## 4596	0.000000	0.000000	0.0000000
## 4597	0.000000	0.000000	0.0000000
## 4598	8.000000	228.500000	0.0000000
## 4599	10.000000	268.166667	0.0000000
## 4600	0.000000	0.000000	0.0000000
## 4601	0.000000	0.000000	0.0000000
## 4602	0.000000	0.000000	0.0000000
## 4603	1.000000	54.000000	0.0000000
## 4604	0.000000	0.000000	0.0000000
## 4605	7.000000	147.790769	2.0000000
## 4606	4.000000	141.761905	0.0000000
## 4607	0.000000	0.000000	0.0000000
## 4608	0.000000	0.000000	0.0000000
## 4609	11.000000	82.234848	0.0000000
## 4610	0.000000	0.000000	0.0000000
## 4611	0.000000	0.000000	0.0000000
## 4612	0.000000	0.000000	0.0000000
## 4613	7.000000	213.433333	0.0000000
## 4614	5.000000	176.000000	0.0000000
## 4615	5.000000	454.000000	1.0000000
## 4616	16.000000	313.866667	3.0000000
## 4617	3.000000	25.200000	0.0000000
## 4618	3.000000	152.000000	0.0000000
## 4619	0.000000	0.000000	0.0000000
## 4620	0.000000	0.000000	0.0000000
## 4621	0.000000	0.000000	0.0000000
## 4622	1.000000	40.250000	0.0000000
## 4623	3.000000	39.500000	2.0000000
## 4624	1.000000	31.000000	2.0000000
## 4625	0.000000	0.000000	0.0000000
## 4626	0.000000	0.000000	0.0000000
## 4627	0.000000	0.000000	0.0000000
## 4628	5.000000	46.000000	1.0000000
## 4629	1.000000	32.000000	0.0000000
## 4630	5.000000	43.750000	1.0000000
## 4631	4.000000	182.000000	0.0000000
## 4632	5.000000	248.800000	4.0000000
## 4633	1.000000	15.000000	1.0000000

## 4634	0.000000	0.000000	0.000000
## 4635	13.000000	189.221515	3.000000
## 4636	0.000000	0.000000	0.000000
## 4637	4.000000	89.800000	1.000000
## 4638	0.000000	0.000000	0.000000
## 4639	0.000000	0.000000	0.000000
## 4640	0.000000	0.000000	0.000000
## 4641	0.000000	0.000000	0.000000
## 4642	3.000000	61.666667	0.000000
## 4643	1.000000	101.000000	0.000000
## 4644	0.000000	0.000000	0.000000
## 4645	1.000000	113.666667	1.000000
## 4646	0.000000	0.000000	0.000000
## 4647	0.000000	0.000000	2.000000
## 4648	0.000000	0.000000	0.000000
## 4649	1.000000	19.333333	1.000000
## 4650	0.000000	0.000000	0.000000
## 4651	4.000000	75.000000	0.000000
## 4652	0.000000	0.000000	0.000000
## 4653	0.000000	0.000000	0.000000
## 4654	0.000000	0.000000	1.000000
## 4655	0.000000	0.000000	0.000000
## 4656	0.000000	0.000000	0.000000
## 4657	1.000000	4.000000	0.000000
## 4658	0.000000	0.000000	0.000000
## 4659	3.000000	51.000000	3.000000
## 4660	7.000000	989.900000	0.000000
## 4661	0.000000	0.000000	0.000000
## 4662	1.000000	5.000000	0.000000
## 4663	2.000000	67.666667	1.000000
## 4664	0.000000	0.000000	0.000000
## 4665	0.000000	0.000000	0.000000
## 4666	0.000000	0.000000	0.000000
## 4667	4.000000	298.000000	1.000000
## 4668	0.000000	0.000000	0.000000
## 4669	2.000000	107.000000	0.000000
## 4670	0.000000	0.000000	0.000000
## 4671	0.000000	0.000000	0.000000
## 4672	0.000000	0.000000	0.000000
## 4673	0.000000	0.000000	0.000000
## 4674	0.000000	0.000000	0.000000
## 4675	3.000000	61.000000	0.000000
## 4676	0.000000	0.000000	0.000000
## 4677	5.000000	75.892857	0.000000
## 4678	0.000000	0.000000	0.000000
## 4679	3.000000	37.500000	0.000000
## 4680	0.000000	0.000000	0.000000
## 4681	0.000000	0.000000	0.000000
## 4682	0.000000	0.000000	0.000000
## 4683	1.000000	36.000000	0.000000
## 4684	5.000000	123.500000	2.000000
## 4685	1.000000	116.000000	0.000000
## 4686	8.000000	127.700000	3.000000
## 4687	2.000000	54.000000	0.000000

## 4688	2.000000	24.000000	0.0000000
## 4689	1.000000	19.000000	0.0000000
## 4690	0.000000	0.000000	0.0000000
## 4691	0.000000	0.000000	0.0000000
## 4692	0.000000	0.000000	0.0000000
## 4693	6.000000	98.666667	3.0000000
## 4694	1.000000	31.000000	2.0000000
## 4695	4.000000	139.000000	1.0000000
## 4696	1.000000	24.000000	1.0000000
## 4697	2.000000	37.000000	0.0000000
## 4698	0.000000	0.000000	2.0000000
## 4699	0.000000	0.000000	0.0000000
## 4700	0.000000	0.000000	2.0000000
## 4701	1.000000	2.000000	0.0000000
## 4702	1.000000	0.000000	0.0000000
## 4703	0.000000	0.000000	0.0000000
## 4704	6.000000	141.500000	3.0000000
## 4705	2.000000	86.000000	0.0000000
## 4706	0.000000	0.000000	0.0000000
## 4707	0.000000	0.000000	0.0000000
## 4708	0.000000	0.000000	0.0000000
## 4709	7.000000	149.916667	0.0000000
## 4710	1.000000	21.000000	0.0000000
## 4711	0.000000	0.000000	0.0000000
## 4712	1.000000	5.000000	0.0000000
## 4713	8.000000	26.416667	1.0000000
## 4714	0.000000	0.000000	0.0000000
## 4715	2.000000	48.833333	6.0000000
## 4716	4.000000	88.628571	0.0000000
## 4717	0.000000	0.000000	0.0000000
## 4718	0.000000	0.000000	0.0000000
## 4719	2.000000	52.000000	0.0000000
## 4720	0.000000	0.000000	0.0000000
## 4721	7.000000	119.000000	0.0000000
## 4722	3.000000	39.000000	0.0000000
## 4723	12.000000	81.222222	0.0000000
## 4724	0.000000	0.000000	1.0000000
## 4725	0.000000	0.000000	0.0000000
## 4726	4.000000	91.333333	0.0000000
## 4727	0.000000	0.000000	0.0000000
## 4728	9.000000	181.375000	0.0000000
## 4729	0.000000	0.000000	0.0000000
## 4730	4.000000	115.000000	0.0000000
## 4731	1.000000	17.000000	0.0000000
## 4732	3.000000	74.000000	0.0000000
## 4733	6.000000	135.500000	0.0000000
## 4734	0.000000	-1.000000	0.0000000
## 4735	0.000000	0.000000	0.0000000
## 4736	0.000000	0.000000	0.0000000
## 4737	6.000000	561.000000	0.0000000
## 4738	0.000000	0.000000	0.0000000
## 4739	0.000000	0.000000	0.0000000
## 4740	5.000000	60.000000	1.0000000
## 4741	0.000000	0.000000	0.0000000

## 4742	4.000000	114.333333	0.0000000
## 4743	2.000000	70.000000	0.0000000
## 4744	4.000000	147.333333	0.0000000
## 4745	1.000000	5.000000	0.0000000
## 4746	1.000000	56.000000	0.0000000
## 4747	0.000000	0.000000	0.0000000
## 4748	0.000000	0.000000	1.0000000
## 4749	0.000000	0.000000	0.0000000
## 4750	0.000000	0.000000	0.0000000
## 4751	6.000000	394.100000	4.0000000
## 4752	0.000000	0.000000	0.0000000
## 4753	0.000000	0.000000	0.0000000
## 4754	2.000000	56.200000	0.0000000
## 4755	6.000000	104.113636	3.0000000
## 4756	0.000000	0.000000	0.0000000
## 4757	0.000000	0.000000	0.0000000
## 4758	0.000000	0.000000	0.0000000
## 4759	0.000000	0.000000	0.0000000
## 4760	0.000000	0.000000	3.0000000
## 4761	0.000000	0.000000	0.0000000
## 4762	5.000000	1023.000000	0.0000000
## 4763	0.000000	0.000000	0.0000000
## 4764	0.000000	0.000000	0.0000000
## 4765	5.000000	341.400000	0.0000000
## 4766	8.000000	117.023809	2.0000000
## 4767	3.000000	150.000000	0.0000000
## 4768	0.000000	0.000000	0.0000000
## 4769	0.000000	0.000000	0.0000000
## 4770	6.000000	449.250000	0.0000000
## 4771	2.000000	14.000000	2.0000000
## 4772	0.000000	0.000000	0.0000000
## 4773	0.000000	0.000000	0.0000000
## 4774	0.000000	0.000000	2.0000000
## 4775	8.000000	121.166667	0.0000000
## 4776	0.000000	0.000000	0.0000000
## 4777	0.000000	0.000000	0.0000000
## 4778	9.000000	146.250000	0.0000000
## 4779	7.000000	233.000000	0.0000000
## 4780	2.000000	135.000000	0.0000000
## 4781	0.000000	0.000000	0.0000000
## 4782	2.000000	127.000000	0.0000000
## 4783	0.000000	0.000000	0.0000000
## 4784	5.000000	224.583333	5.0000000
## 4785	1.000000	23.000000	0.0000000
## 4786	0.000000	0.000000	0.0000000
## 4787	0.000000	0.000000	0.0000000
## 4788	10.000000	268.000000	2.0000000
## 4789	0.000000	0.000000	0.0000000
## 4790	1.000000	16.000000	0.0000000
## 4791	2.000000	55.000000	1.0000000
## 4792	0.000000	0.000000	0.0000000
## 4793	1.000000	4.000000	0.0000000
## 4794	0.000000	0.000000	0.0000000
## 4795	0.000000	0.000000	0.0000000

## 4796	0.000000	0.000000	0.000000
## 4797	0.000000	0.000000	0.000000
## 4798	0.000000	0.000000	0.000000
## 4799	1.000000	0.000000	3.000000
## 4800	3.000000	33.000000	0.000000
## 4801	1.000000	15.000000	1.000000
## 4802	0.000000	0.000000	0.000000
## 4803	4.000000	46.400000	0.000000
## 4804	12.000000	672.095238	2.000000
## 4805	3.000000	604.500000	6.000000
## 4806	1.000000	90.000000	0.000000
## 4807	0.000000	0.000000	0.000000
## 4808	7.000000	188.166667	0.000000
## 4809	0.000000	0.000000	0.000000
## 4810	0.000000	0.000000	0.000000
## 4811	0.000000	0.000000	0.000000
## 4812	4.000000	82.000000	0.000000
## 4813	1.000000	178.000000	0.000000
## 4814	4.000000	177.000000	0.000000
## 4815	0.000000	0.000000	0.000000
## 4816	0.000000	0.000000	1.000000
## 4817	5.000000	2156.166667	2.000000
## 4818	0.000000	0.000000	0.000000
## 4819	0.000000	0.000000	0.000000
## 4820	0.000000	0.000000	0.000000
## 4821	5.000000	105.500000	0.000000
## 4822	6.000000	475.750000	1.000000
## 4823	0.000000	0.000000	0.000000
## 4824	1.000000	30.000000	0.000000
## 4825	6.000000	79.100000	0.000000
## 4826	0.000000	0.000000	0.000000
## 4827	0.000000	0.000000	1.000000
## 4828	1.000000	34.000000	0.000000
## 4829	0.000000	0.000000	0.000000
## 4830	6.000000	595.100000	3.000000
## 4831	0.000000	0.000000	0.000000
## 4832	7.000000	74.000000	3.000000
## 4833	6.000000	212.000000	1.000000
## 4834	3.000000	27.533333	1.000000
## 4835	4.000000	133.583333	2.000000
## 4836	11.000000	136.333333	2.000000
## 4837	9.000000	417.250000	0.000000
## 4838	0.000000	0.000000	0.000000
## 4839	1.000000	56.000000	0.000000
## 4840	4.000000	40.500000	0.000000
## 4841	0.000000	0.000000	0.000000
## 4842	0.000000	0.000000	0.000000
## 4843	0.000000	0.000000	0.000000
## 4844	0.000000	0.000000	0.000000
## 4845	0.000000	0.000000	0.000000
## 4846	0.000000	0.000000	0.000000
## 4847	0.000000	-1.000000	0.000000
## 4848	0.000000	0.000000	0.000000
## 4849	1.000000	90.000000	0.000000

## 4850	8.000000	114.500000	0.0000000
## 4851	0.000000	0.000000	0.0000000
## 4852	6.000000	124.861111	3.0000000
## 4853	0.000000	0.000000	0.0000000
## 4854	3.000000	54.000000	0.0000000
## 4855	2.000000	47.666667	0.0000000
## 4856	0.000000	0.000000	0.0000000
## 4857	0.000000	0.000000	0.0000000
## 4858	0.000000	0.000000	0.0000000
## 4859	3.000000	60.000000	0.0000000
## 4860	5.000000	236.250000	0.0000000
## 4861	0.000000	0.000000	0.0000000
## 4862	1.000000	6.000000	0.0000000
## 4863	0.000000	0.000000	0.0000000
## 4864	2.000000	57.000000	0.0000000
## 4865	8.000000	57.833333	1.0000000
## 4866	0.000000	0.000000	0.0000000
## 4867	0.000000	0.000000	0.0000000
## 4868	8.000000	440.104167	7.0000000
## 4869	24.000000	290.860369	6.0000000
## 4870	0.000000	0.000000	0.0000000
## 4871	0.000000	0.000000	0.0000000
## 4872	4.000000	80.000000	0.0000000
## 4873	2.000000	17.000000	0.0000000
## 4874	1.000000	4.000000	0.0000000
## 4875	0.000000	0.000000	0.0000000
## 4876	0.000000	0.000000	1.0000000
## 4877	2.000000	683.000000	0.0000000
## 4878	0.000000	0.000000	1.0000000
## 4879	2.000000	11.000000	0.0000000
## 4880	0.000000	0.000000	0.0000000
## 4881	4.000000	91.000000	3.0000000
## 4882	2.000000	115.600000	2.0000000
## 4883	0.000000	0.000000	0.0000000
## 4884	7.000000	170.833333	1.0000000
## 4885	7.000000	67.000000	2.0000000
## 4886	0.000000	0.000000	0.0000000
## 4887	0.000000	0.000000	0.0000000
## 4888	0.000000	0.000000	0.0000000
## 4889	0.000000	0.000000	0.0000000
## 4890	0.000000	0.000000	0.0000000
## 4891	0.000000	0.000000	0.0000000
## 4892	2.000000	42.500000	0.0000000
## 4893	0.000000	0.000000	0.0000000
## 4894	2.000000	4.000000	0.0000000
## 4895	9.000000	105.428571	1.0000000
## 4896	1.000000	22.000000	0.0000000
## 4897	0.000000	0.000000	0.0000000
## 4898	1.000000	78.000000	1.0000000
## 4899	8.000000	197.666667	0.0000000
## 4900	3.000000	148.000000	2.0000000
## 4901	0.000000	0.000000	0.0000000
## 4902	2.000000	0.000000	0.0000000
## 4903	2.000000	27.583333	0.0000000

## 4904	0.000000	0.000000	0.0000000
## 4905	0.000000	0.000000	0.0000000
## 4906	0.000000	0.000000	2.0000000
## 4907	0.000000	0.000000	3.0000000
## 4908	0.000000	0.000000	0.0000000
## 4909	1.000000	14.000000	1.0000000
## 4910	0.000000	0.000000	0.0000000
## 4911	0.000000	0.000000	0.0000000
## 4912	0.000000	0.000000	0.0000000
## 4913	5.000000	81.666667	0.0000000
## 4914	0.000000	0.000000	0.0000000
## 4915	0.000000	0.000000	0.0000000
## 4916	0.000000	0.000000	0.0000000
## 4917	3.000000	47.000000	0.0000000
## 4918	1.000000	55.000000	2.0000000
## 4919	3.000000	470.000000	0.0000000
## 4920	0.000000	0.000000	0.0000000
## 4921	0.000000	0.000000	0.0000000
## 4922	5.000000	73.500000	1.0000000
## 4923	0.000000	0.000000	0.0000000
## 4924	3.000000	120.250000	5.0000000
## 4925	3.000000	156.800000	4.0000000
## 4926	4.000000	417.000000	0.0000000
## 4927	1.000000	7.000000	0.0000000
## 4928	0.000000	0.000000	0.0000000
## 4929	2.000000	11.000000	1.0000000
## 4930	3.000000	285.800000	1.0000000
## 4931	0.000000	0.000000	0.0000000
## 4932	0.000000	0.000000	0.0000000
## 4933	1.000000	7.000000	0.0000000
## 4934	0.000000	0.000000	0.0000000
## 4935	1.000000	28.000000	0.0000000
## 4936	2.000000	1172.000000	0.0000000
## 4937	5.000000	200.500000	0.0000000
## 4938	5.000000	237.250000	0.0000000
## 4939	0.000000	0.000000	0.0000000
## 4940	7.000000	221.000000	0.0000000
## 4941	13.000000	611.047059	7.0000000
## 4942	0.000000	0.000000	0.0000000
## 4943	0.000000	0.000000	0.0000000
## 4944	0.000000	0.000000	0.0000000
## 4945	0.000000	0.000000	3.0000000
## 4946	0.000000	0.000000	0.0000000
## 4947	0.000000	0.000000	0.0000000
## 4948	1.000000	4.000000	0.0000000
## 4949	0.000000	0.000000	0.0000000
## 4950	1.000000	17.000000	4.0000000
## 4951	8.000000	224.000000	0.0000000
## 4952	1.000000	3.000000	0.0000000
## 4953	0.000000	0.000000	0.0000000
## 4954	1.000000	14.000000	1.0000000
## 4955	0.000000	0.000000	0.0000000
## 4956	0.000000	0.000000	2.0000000
## 4957	0.000000	0.000000	0.0000000

## 4958	0.000000	0.000000	0.000000
## 4959	10.000000	586.648019	3.000000
## 4960	3.000000	14.000000	0.000000
## 4961	0.000000	0.000000	0.000000
## 4962	10.000000	363.333333	0.000000
## 4963	10.000000	154.791667	2.000000
## 4964	0.000000	0.000000	0.000000
## 4965	0.000000	0.000000	0.000000
## 4966	1.000000	17.500000	0.000000
## 4967	0.000000	0.000000	2.000000
## 4968	0.000000	0.000000	0.000000
## 4969	0.000000	0.000000	0.000000
## 4970	9.000000	183.708333	1.000000
## 4971	1.000000	33.000000	1.000000
## 4972	0.000000	0.000000	2.000000
## 4973	3.000000	112.000000	0.000000
## 4974	1.000000	76.000000	0.000000
## 4975	18.000000	255.716667	0.000000
## 4976	0.000000	0.000000	0.000000
## 4977	3.000000	83.000000	0.000000
## 4978	0.000000	0.000000	0.000000
## 4979	0.000000	0.000000	0.000000
## 4980	1.000000	51.000000	0.000000
## 4981	12.000000	194.036232	3.000000
## 4982	0.000000	0.000000	0.000000
## 4983	0.000000	0.000000	0.000000
## 4984	0.000000	0.000000	0.000000
## 4985	1.000000	57.000000	3.000000
## 4986	0.000000	0.000000	0.000000
## 4987	2.000000	11.500000	0.000000
## 4988	1.000000	9.000000	1.000000
## 4989	0.000000	0.000000	0.000000
## 4990	0.000000	0.000000	0.000000
## 4991	0.000000	0.000000	0.000000
## 4992	0.000000	0.000000	0.000000
## 4993	0.000000	0.000000	0.000000
## 4994	0.000000	0.000000	0.000000
## 4995	2.000000	15.000000	0.000000
## 4996	8.000000	201.333333	2.000000
## 4997	0.000000	0.000000	0.000000
## 4998	0.000000	0.000000	0.000000
## 4999	0.000000	0.000000	0.000000
## 5000	3.000000	26.000000	0.000000
## 5001	7.000000	134.750000	0.000000
## 5002	2.000000	16.000000	0.000000
## 5003	0.000000	0.000000	0.000000
## 5004	4.000000	116.000000	1.000000
## 5005	3.000000	42.000000	0.000000
## 5006	0.000000	0.000000	0.000000
## 5007	0.000000	0.000000	0.000000
## 5008	2.000000	29.000000	1.000000
## 5009	2.000000	12.000000	0.000000
## 5010	0.000000	0.000000	0.000000
## 5011	1.000000	0.000000	1.000000

## 5012	1.000000	43.000000	0.0000000
## 5013	0.000000	0.000000	0.0000000
## 5014	3.000000	108.000000	0.0000000
## 5015	0.000000	0.000000	0.0000000
## 5016	0.000000	0.000000	1.0000000
## 5017	3.000000	57.000000	1.0000000
## 5018	6.000000	110.000000	0.0000000
## 5019	12.000000	310.633333	0.0000000
## 5020	4.000000	699.000000	0.0000000
## 5021	0.000000	0.000000	0.0000000
## 5022	0.000000	0.000000	0.0000000
## 5023	8.000000	85.500000	0.0000000
## 5024	0.000000	-1.000000	0.0000000
## 5025	0.000000	-1.000000	0.0000000
## 5026	0.000000	0.000000	0.0000000
## 5027	0.000000	0.000000	0.0000000
## 5028	2.000000	248.000000	1.0000000
## 5029	3.000000	53.000000	2.0000000
## 5030	0.000000	0.000000	0.0000000
## 5031	9.000000	363.875000	0.0000000
## 5032	0.000000	0.000000	0.0000000
## 5033	0.000000	0.000000	0.0000000
## 5034	1.000000	115.000000	0.0000000
## 5035	0.000000	0.000000	0.0000000
## 5036	0.000000	-1.000000	0.0000000
## 5037	1.000000	11.000000	0.0000000
## 5038	0.000000	0.000000	0.0000000
## 5039	0.000000	0.000000	0.0000000
## 5040	8.000000	274.500000	0.0000000
## 5041	0.000000	0.000000	0.0000000
## 5042	0.000000	0.000000	0.0000000
## 5043	2.000000	178.000000	0.0000000
## 5044	6.000000	17.000000	0.0000000
## 5045	5.000000	78.000000	0.0000000
## 5046	0.000000	0.000000	0.0000000
## 5047	0.000000	0.000000	0.0000000
## 5048	0.000000	0.000000	0.0000000
## 5049	0.000000	0.000000	0.0000000
## 5050	0.000000	0.000000	0.0000000
## 5051	5.000000	188.000000	0.0000000
## 5052	1.000000	-1.000000	0.0000000
## 5053	0.000000	0.000000	0.0000000
## 5054	0.000000	0.000000	0.0000000
## 5055	5.000000	75.000000	0.0000000
## 5056	4.000000	38.305556	0.0000000
## 5057	0.000000	0.000000	0.0000000
## 5058	5.000000	130.333333	1.0000000
## 5059	1.000000	28.000000	0.0000000
## 5060	1.000000	273.000000	2.0000000
## 5061	0.000000	0.000000	0.0000000
## 5062	0.000000	0.000000	0.0000000
## 5063	6.000000	89.000000	1.0000000
## 5064	0.000000	0.000000	0.0000000
## 5065	0.000000	0.000000	0.0000000

## 5066	0.000000	0.000000	0.000000
## 5067	5.000000	131.995614	0.000000
## 5068	4.000000	147.666667	2.000000
## 5069	1.000000	18.500000	0.000000
## 5070	2.000000	78.000000	0.000000
## 5071	0.000000	0.000000	0.000000
## 5072	3.000000	26.000000	0.000000
## 5073	9.000000	249.500000	0.000000
## 5074	7.000000	356.000000	1.000000
## 5075	0.000000	0.000000	0.000000
## 5076	2.000000	25.000000	0.000000
## 5077	6.000000	169.566667	0.000000
## 5078	6.000000	46.272727	0.000000
## 5079	4.000000	74.333333	3.000000
## 5080	17.000000	2629.253968	24.000000
## 5081	3.000000	92.000000	0.000000
## 5082	0.000000	0.000000	0.000000
## 5083	0.000000	0.000000	0.000000
## 5084	0.000000	0.000000	0.000000
## 5085	0.000000	0.000000	0.000000
## 5086	2.000000	79.500000	2.000000
## 5087	2.000000	70.666667	1.000000
## 5088	0.000000	0.000000	0.000000
## 5089	9.000000	150.000000	0.000000
## 5090	2.000000	46.500000	1.000000
## 5091	0.000000	0.000000	0.000000
## 5092	0.000000	0.000000	0.000000
## 5093	0.000000	0.000000	0.000000
## 5094	1.000000	44.000000	0.000000
## 5095	0.000000	0.000000	0.000000
## 5096	0.000000	0.000000	0.000000
## 5097	0.000000	0.000000	0.000000
## 5098	0.000000	0.000000	0.000000
## 5099	0.000000	0.000000	0.000000
## 5100	3.000000	45.000000	0.000000
## 5101	2.000000	32.000000	0.000000
## 5102	7.000000	176.500000	0.000000
## 5103	0.000000	0.000000	0.000000
## 5104	0.000000	0.000000	0.000000
## 5105	0.000000	0.000000	0.000000
## 5106	7.000000	286.833333	7.000000
## 5107	0.000000	0.000000	0.000000
## 5108	0.000000	0.000000	0.000000
## 5109	0.000000	0.000000	0.000000
## 5110	9.000000	65.500000	0.000000
## 5111	2.000000	101.500000	0.000000
## 5112	0.000000	0.000000	2.000000
## 5113	9.000000	134.766667	0.000000
## 5114	3.000000	159.000000	2.000000
## 5115	4.000000	92.000000	0.000000
## 5116	7.000000	187.166667	2.000000
## 5117	1.000000	30.500000	1.000000
## 5118	5.000000	46.000000	0.000000
## 5119	0.000000	0.000000	0.000000

## 5120	1.000000	10.500000	0.0000000
## 5121	1.000000	5.000000	3.0000000
## 5122	9.000000	505.500000	0.0000000
## 5123	3.000000	138.000000	2.0000000
## 5124	1.000000	11.500000	0.0000000
## 5125	2.000000	223.000000	0.0000000
## 5126	1.000000	94.000000	0.0000000
## 5127	0.000000	0.000000	0.0000000
## 5128	0.000000	0.000000	0.0000000
## 5129	6.000000	703.500000	3.0000000
## 5130	0.000000	0.000000	0.0000000
## 5131	2.000000	37.000000	0.0000000
## 5132	0.000000	0.000000	0.0000000
## 5133	5.000000	325.333333	4.0000000
## 5134	8.000000	190.250000	1.0000000
## 5135	0.000000	0.000000	0.0000000
## 5136	0.000000	0.000000	0.0000000
## 5137	0.000000	0.000000	0.0000000
## 5138	0.000000	0.000000	0.0000000
## 5139	0.000000	0.000000	2.0000000
## 5140	4.000000	104.000000	0.0000000
## 5141	3.000000	137.000000	4.0000000
## 5142	3.000000	101.000000	0.0000000
## 5143	15.000000	189.214286	8.0000000
## 5144	4.000000	86.600000	0.0000000
## 5145	1.000000	53.000000	0.0000000
## 5146	0.000000	0.000000	1.0000000
## 5147	0.000000	0.000000	1.0000000
## 5148	4.000000	183.000000	3.0000000
## 5149	0.000000	0.000000	1.0000000
## 5150	0.000000	0.000000	0.0000000
## 5151	3.000000	238.400000	0.0000000
## 5152	2.000000	114.000000	0.0000000
## 5153	0.000000	0.000000	0.0000000
## 5154	0.000000	0.000000	0.0000000
## 5155	0.000000	0.000000	0.0000000
## 5156	0.000000	0.000000	0.0000000
## 5157	0.000000	0.000000	0.0000000
## 5158	0.000000	0.000000	0.0000000
## 5159	0.000000	0.000000	0.0000000
## 5160	0.000000	0.000000	0.0000000
## 5161	5.000000	52.500000	0.0000000
## 5162	0.000000	0.000000	1.0000000
## 5163	10.000000	200.583333	1.0000000
## 5164	1.000000	39.000000	0.0000000
## 5165	6.000000	312.000000	1.0000000
## 5166	0.000000	0.000000	0.0000000
## 5167	2.000000	261.000000	0.0000000
## 5168	2.000000	30.500000	2.0000000
## 5169	1.000000	10.000000	2.0000000
## 5170	3.000000	14.000000	0.0000000
## 5171	0.000000	0.000000	0.0000000
## 5172	2.000000	8.500000	0.0000000
## 5173	0.000000	0.000000	0.0000000

## 5174	2.000000	44.000000	0.0000000
## 5175	5.000000	80.000000	0.0000000
## 5176	0.000000	0.000000	3.0000000
## 5177	7.000000	204.387500	4.0000000
## 5178	1.000000	19.000000	0.0000000
## 5179	0.000000	0.000000	0.0000000
## 5180	0.000000	0.000000	0.0000000
## 5181	0.000000	0.000000	0.0000000
## 5182	0.000000	0.000000	0.0000000
## 5183	1.000000	11.000000	0.0000000
## 5184	0.000000	0.000000	0.0000000
## 5185	2.000000	29.000000	1.0000000
## 5186	1.000000	30.000000	3.0000000
## 5187	1.000000	20.000000	0.0000000
## 5188	9.000000	181.000000	4.0000000
## 5189	0.000000	0.000000	0.0000000
## 5190	0.000000	0.000000	0.0000000
## 5191	1.000000	16.000000	1.0000000
## 5192	4.000000	64.250000	1.0000000
## 5193	0.000000	0.000000	0.0000000
## 5194	0.000000	0.000000	0.0000000
## 5195	0.000000	0.000000	0.0000000
## 5196	0.000000	0.000000	0.0000000
## 5197	6.000000	79.500000	1.0000000
## 5198	0.000000	0.000000	0.0000000
## 5199	1.000000	48.000000	0.0000000
## 5200	7.000000	215.200000	0.0000000
## 5201	3.000000	62.142857	0.0000000
## 5202	0.000000	0.000000	0.0000000
## 5203	0.000000	0.000000	0.0000000
## 5204	1.000000	53.000000	0.0000000
## 5205	6.000000	210.500000	0.0000000
## 5206	0.000000	0.000000	0.0000000
## 5207	0.000000	0.000000	0.0000000
## 5208	0.000000	0.000000	0.0000000
## 5209	0.000000	0.000000	0.0000000
## 5210	3.000000	30.250000	0.0000000
## 5211	0.000000	0.000000	0.0000000
## 5212	5.000000	181.333333	0.0000000
## 5213	0.000000	0.000000	0.0000000
## 5214	0.000000	0.000000	0.0000000
## 5215	0.000000	0.000000	0.0000000
## 5216	0.000000	0.000000	1.0000000
## 5217	0.000000	0.000000	0.0000000
## 5218	2.000000	59.000000	1.0000000
## 5219	0.000000	0.000000	0.0000000
## 5220	3.000000	55.000000	0.0000000
## 5221	0.000000	0.000000	0.0000000
## 5222	10.000000	183.750000	1.0000000
## 5223	1.000000	7.000000	0.0000000
## 5224	1.000000	10.000000	0.0000000
## 5225	0.000000	0.000000	0.0000000
## 5226	0.000000	0.000000	0.0000000
## 5227	0.000000	0.000000	0.0000000

## 5228	0.000000	0.000000	0.000000
## 5229	0.000000	0.000000	0.000000
## 5230	0.000000	0.000000	0.000000
## 5231	0.000000	0.000000	0.000000
## 5232	0.000000	0.000000	0.000000
## 5233	0.000000	0.000000	0.000000
## 5234	0.000000	0.000000	0.000000
## 5235	1.000000	115.000000	0.000000
## 5236	0.000000	0.000000	0.000000
## 5237	0.000000	0.000000	0.000000
## 5238	0.000000	0.000000	0.000000
## 5239	1.000000	6.000000	0.000000
## 5240	0.000000	0.000000	0.000000
## 5241	5.000000	71.666667	1.000000
## 5242	5.000000	53.500000	0.000000
## 5243	0.000000	0.000000	0.000000
## 5244	4.000000	63.600000	0.000000
## 5245	1.000000	77.000000	0.000000
## 5246	0.000000	0.000000	0.000000
## 5247	1.000000	30.000000	1.000000
## 5248	0.000000	0.000000	0.000000
## 5249	0.000000	0.000000	0.000000
## 5250	0.000000	0.000000	0.000000
## 5251	0.000000	0.000000	0.000000
## 5252	0.000000	0.000000	0.000000
## 5253	0.000000	0.000000	0.000000
## 5254	0.000000	0.000000	0.000000
## 5255	0.000000	0.000000	0.000000
## 5256	9.000000	443.291667	1.000000
## 5257	1.000000	32.750000	1.000000
## 5258	1.000000	107.000000	0.000000
## 5259	0.000000	0.000000	0.000000
## 5260	0.000000	0.000000	0.000000
## 5261	2.000000	51.000000	2.000000
## 5262	1.000000	62.000000	1.000000
## 5263	0.000000	0.000000	0.000000
## 5264	0.000000	0.000000	0.000000
## 5265	0.000000	0.000000	0.000000
## 5266	4.000000	53.000000	0.000000
## 5267	7.000000	48.500000	0.000000
## 5268	1.000000	2.000000	0.000000
## 5269	3.000000	44.000000	0.000000
## 5270	0.000000	0.000000	0.000000
## 5271	0.000000	0.000000	0.000000
## 5272	0.000000	0.000000	0.000000
## 5273	0.000000	0.000000	0.000000
## 5274	0.000000	0.000000	0.000000
## 5275	2.000000	121.000000	0.000000
## 5276	2.000000	26.666667	0.000000
## 5277	0.000000	0.000000	0.000000
## 5278	0.000000	0.000000	0.000000
## 5279	0.000000	0.000000	0.000000
## 5280	0.000000	0.000000	0.000000
## 5281	0.000000	0.000000	1.000000

## 5282	4.000000	200.523809	0.0000000
## 5283	0.000000	0.000000	0.0000000
## 5284	1.000000	5.000000	1.0000000
## 5285	0.000000	0.000000	0.0000000
## 5286	4.000000	138.333333	0.0000000
## 5287	2.000000	158.000000	0.0000000
## 5288	0.000000	0.000000	0.0000000
## 5289	2.000000	87.000000	0.0000000
## 5290	7.000000	63.166667	0.0000000
## 5291	8.000000	69.833333	1.0000000
## 5292	0.000000	0.000000	1.0000000
## 5293	6.000000	313.000000	2.0000000
## 5294	0.000000	0.000000	0.0000000
## 5295	0.000000	0.000000	0.0000000
## 5296	4.000000	292.190476	1.0000000
## 5297	0.000000	0.000000	0.0000000
## 5298	0.000000	0.000000	0.0000000
## 5299	0.000000	0.000000	0.0000000
## 5300	0.000000	0.000000	0.0000000
## 5301	0.000000	0.000000	0.0000000
## 5302	0.000000	0.000000	0.0000000
## 5303	7.000000	52.400000	3.0000000
## 5304	0.000000	0.000000	0.0000000
## 5305	0.000000	0.000000	0.0000000
## 5306	0.000000	0.000000	0.0000000
## 5307	1.000000	4.000000	0.0000000
## 5308	0.000000	0.000000	0.0000000
## 5309	0.000000	0.000000	0.0000000
## 5310	0.000000	0.000000	0.0000000
## 5311	1.000000	4.000000	0.0000000
## 5312	0.000000	0.000000	0.0000000
## 5313	0.000000	0.000000	0.0000000
## 5314	0.000000	0.000000	0.0000000
## 5315	4.000000	132.666667	0.0000000
## 5316	6.000000	51.500000	0.0000000
## 5317	0.000000	0.000000	0.0000000
## 5318	4.000000	250.000000	0.0000000
## 5319	1.000000	90.000000	1.0000000
## 5320	0.000000	0.000000	0.0000000
## 5321	3.000000	78.000000	0.0000000
## 5322	0.000000	0.000000	0.0000000
## 5323	11.000000	771.928571	2.0000000
## 5324	1.000000	34.000000	0.0000000
## 5325	0.000000	0.000000	0.0000000
## 5326	2.000000	95.000000	3.0000000
## 5327	0.000000	0.000000	0.0000000
## 5328	0.000000	0.000000	0.0000000
## 5329	3.000000	295.666667	0.0000000
## 5330	1.000000	20.000000	0.0000000
## 5331	2.000000	30.000000	0.0000000
## 5332	0.000000	0.000000	0.0000000
## 5333	0.000000	0.000000	0.0000000
## 5334	9.000000	184.000000	5.0000000
## 5335	0.000000	0.000000	0.0000000

## 5336	0.000000	0.000000	0.0000000
## 5337	0.000000	0.000000	0.0000000
## 5338	4.000000	57.000000	0.0000000
## 5339	0.000000	0.000000	0.0000000
## 5340	5.000000	154.833333	7.0000000
## 5341	2.000000	45.000000	2.0000000
## 5342	0.000000	0.000000	0.0000000
## 5343	4.000000	31.000000	1.0000000
## 5344	1.000000	3.000000	0.0000000
## 5345	1.000000	34.000000	0.0000000
## 5346	6.000000	200.222222	2.0000000
## 5347	2.000000	40.000000	0.0000000
## 5348	0.000000	0.000000	1.0000000
## 5349	5.000000	33.666667	0.0000000
## 5350	1.000000	0.000000	0.0000000
## 5351	0.000000	0.000000	0.0000000
## 5352	0.000000	0.000000	0.0000000
## 5353	0.000000	0.000000	0.0000000
## 5354	4.000000	24.166667	0.0000000
## 5355	9.000000	194.416667	2.0000000
## 5356	4.000000	58.000000	0.0000000
## 5357	0.000000	0.000000	0.0000000
## 5358	0.000000	0.000000	1.0000000
## 5359	2.000000	11.000000	0.0000000
## 5360	1.000000	149.500000	0.0000000
## 5361	3.000000	453.000000	3.0000000
## 5362	1.000000	32.000000	0.0000000
## 5363	0.000000	0.000000	0.0000000
## 5364	3.000000	101.666667	0.0000000
## 5365	2.000000	59.000000	0.0000000
## 5366	0.000000	0.000000	0.0000000
## 5367	4.000000	316.500000	0.0000000
## 5368	9.000000	309.250000	0.0000000
## 5369	3.000000	35.500000	0.0000000
## 5370	5.000000	69.500000	4.0000000
## 5371	2.000000	42.000000	0.0000000
## 5372	4.000000	85.928571	0.0000000
## 5373	0.000000	0.000000	0.0000000
## 5374	2.000000	76.000000	1.0000000
## 5375	0.000000	0.000000	0.0000000
## 5376	0.000000	0.000000	0.0000000
## 5377	3.000000	40.200000	0.0000000
## 5378	1.000000	63.400000	0.0000000
## 5379	6.000000	618.066667	0.0000000
## 5380	0.000000	0.000000	0.0000000
## 5381	3.000000	152.600000	0.0000000
## 5382	7.000000	56.300000	0.0000000
## 5383	0.000000	0.000000	0.0000000
## 5384	1.000000	39.200000	2.0000000
## 5385	3.000000	89.600000	0.0000000
## 5386	2.000000	104.300000	0.0000000
## 5387	0.000000	0.000000	0.0000000
## 5388	4.000000	204.200000	0.0000000
## 5389	17.000000	180.133333	1.0000000

## 5390	1.000000	12.000000	0.0000000
## 5391	2.000000	13.000000	0.0000000
## 5392	0.000000	0.000000	0.0000000
## 5393	3.000000	41.200000	0.0000000
## 5394	4.000000	101.800000	0.0000000
## 5395	1.000000	26.200000	0.0000000
## 5396	2.000000	79.600000	3.0000000
## 5397	4.000000	159.000000	0.0000000
## 5398	7.000000	227.900000	0.0000000
## 5399	2.000000	47.400000	0.0000000
## 5400	0.000000	0.000000	0.0000000
## 5401	1.000000	0.000000	0.0000000
## 5402	0.000000	0.000000	0.0000000
## 5403	2.000000	196.600000	0.0000000
## 5404	3.000000	33.200000	0.0000000
## 5405	0.000000	0.000000	0.0000000
## 5406	3.000000	9.500000	0.0000000
## 5407	2.000000	55.400000	0.0000000
## 5408	0.000000	0.000000	0.0000000
## 5409	10.000000	1222.400000	0.0000000
## 5410	0.000000	0.000000	0.0000000
## 5411	3.000000	13.733333	1.0000000
## 5412	1.000000	23.200000	0.0000000
## 5413	5.000000	150.700000	0.0000000
## 5414	5.000000	66.600000	0.0000000
## 5415	0.000000	0.000000	0.0000000
## 5416	1.000000	92.600000	0.0000000
## 5417	0.000000	0.000000	0.0000000
## 5418	13.000000	1013.056909	2.0000000
## 5419	1.000000	48.400000	0.0000000
## 5420	1.000000	57.400000	0.0000000
## 5421	7.000000	297.600000	0.0000000
## 5422	0.000000	0.000000	0.0000000
## 5423	0.000000	0.000000	0.0000000
## 5424	0.000000	0.000000	0.0000000
## 5425	0.000000	0.000000	0.0000000
## 5426	0.000000	0.000000	0.0000000
## 5427	2.000000	56.733333	0.0000000
## 5428	1.000000	86.600000	0.0000000
## 5429	7.000000	38.600000	0.0000000
## 5430	6.000000	545.650000	3.0000000
## 5431	3.000000	94.600000	0.0000000
## 5432	6.000000	53.000000	0.0000000
## 5433	3.000000	28.800000	5.0000000
## 5434	5.000000	46.520000	0.0000000
## 5435	1.000000	41.400000	0.0000000
## 5436	6.000000	82.140000	0.0000000
## 5437	0.000000	0.000000	0.0000000
## 5438	3.000000	397.700000	4.0000000
## 5439	0.000000	0.000000	0.0000000
## 5440	16.000000	932.797143	0.0000000
## 5441	3.000000	56.800000	1.0000000
## 5442	1.000000	10.000000	0.0000000
## 5443	0.000000	0.000000	0.0000000

## 5444	10.000000	89.980000	0.0000000
## 5445	0.000000	0.000000	0.0000000
## 5446	1.000000	67.500000	0.0000000
## 5447	13.000000	234.566667	0.0000000
## 5448	2.000000	63.500000	0.0000000
## 5449	1.000000	4.000000	0.0000000
## 5450	0.000000	0.000000	0.0000000
## 5451	5.000000	196.880000	0.0000000
## 5452	5.000000	60.200000	0.0000000
## 5453	5.000000	271.000000	2.0000000
## 5454	6.000000	85.200000	0.0000000
## 5455	1.000000	62.466667	0.0000000
## 5456	10.000000	164.066667	0.0000000
## 5457	18.000000	189.264615	0.0000000
## 5458	2.000000	196.600000	0.0000000
## 5459	1.000000	5.066667	0.0000000
## 5460	2.000000	94.700000	0.0000000
## 5461	1.000000	45.400000	0.0000000
## 5462	1.000000	38.800000	0.0000000
## 5463	2.000000	21.000000	0.0000000
## 5464	5.000000	82.600000	1.0000000
## 5465	0.000000	0.000000	0.0000000
## 5466	6.000000	89.800000	0.0000000
## 5467	5.000000	850.000000	0.0000000
## 5468	0.000000	0.000000	0.0000000
## 5469	0.000000	0.000000	0.0000000
## 5470	0.000000	0.000000	0.0000000
## 5471	4.000000	585.800000	0.0000000
## 5472	0.000000	0.000000	0.0000000
## 5473	0.000000	0.000000	2.0000000
## 5474	0.000000	0.000000	0.0000000
## 5475	10.000000	491.666667	0.0000000
## 5476	10.000000	340.900000	3.0000000
## 5477	2.000000	112.800000	0.0000000
## 5478	0.000000	0.000000	0.0000000
## 5479	0.000000	0.000000	0.0000000
## 5480	0.000000	0.000000	0.0000000
## 5481	0.000000	0.000000	0.0000000
## 5482	17.000000	698.133333	1.0000000
## 5483	0.000000	0.000000	0.0000000
## 5484	3.000000	32.200000	0.0000000
## 5485	1.000000	16.600000	0.0000000
## 5486	4.000000	54.200000	1.0000000
## 5487	0.000000	0.000000	0.0000000
## 5488	1.000000	11.000000	0.0000000
## 5489	0.000000	0.000000	0.0000000
## 5490	11.000000	455.066667	3.0000000
## 5491	2.000000	32.200000	1.0000000
## 5492	4.000000	601.900000	0.0000000
## 5493	1.000000	136.500000	0.0000000
## 5494	0.000000	0.000000	0.0000000
## 5495	4.000000	49.300000	0.0000000
## 5496	10.000000	278.666667	0.0000000
## 5497	0.000000	0.000000	0.0000000

## 5498	1.000000	118.800000	0.0000000
## 5499	0.000000	0.000000	0.0000000
## 5500	2.000000	13.000000	0.0000000
## 5501	1.000000	44.000000	0.0000000
## 5502	1.000000	4.000000	0.0000000
## 5503	0.000000	0.000000	0.0000000
## 5504	2.000000	75.050000	0.0000000
## 5505	1.000000	17.100000	1.0000000
## 5506	1.000000	2.000000	6.0000000
## 5507	1.000000	4.000000	0.0000000
## 5508	1.000000	5.000000	0.0000000
## 5509	0.000000	0.000000	0.0000000
## 5510	0.000000	0.000000	0.0000000
## 5511	0.000000	0.000000	0.0000000
## 5512	0.000000	0.000000	0.0000000
## 5513	2.000000	268.080000	0.0000000
## 5514	1.000000	22.200000	0.0000000
## 5515	0.000000	0.000000	0.0000000
## 5516	0.000000	0.000000	0.0000000
## 5517	7.000000	68.400000	0.0000000
## 5518	24.000000	468.100663	6.0000000
## 5519	3.000000	43.200000	0.0000000
## 5520	2.000000	132.000000	1.0000000
## 5521	6.000000	45.033333	1.0000000
## 5522	0.000000	0.000000	0.0000000
## 5523	1.000000	80.600000	0.0000000
## 5524	4.000000	26.200000	0.0000000
## 5525	12.000000	137.900000	0.0000000
## 5526	0.000000	0.000000	0.0000000
## 5527	2.000000	9.600000	3.0000000
## 5528	2.000000	161.200000	0.0000000
## 5529	9.000000	301.000000	0.0000000
## 5530	2.000000	45.200000	0.0000000
## 5531	2.000000	167.400000	0.0000000
## 5532	0.000000	0.000000	0.0000000
## 5533	0.000000	0.000000	0.0000000
## 5534	2.000000	19.400000	3.0000000
## 5535	3.000000	157.400000	0.0000000
## 5536	0.000000	0.000000	0.0000000
## 5537	5.000000	56.800000	0.0000000
## 5538	4.000000	459.500000	4.0000000
## 5539	0.000000	0.000000	0.0000000
## 5540	0.000000	0.000000	0.0000000
## 5541	2.000000	42.200000	0.0000000
## 5542	0.000000	0.000000	0.0000000
## 5543	1.000000	12.000000	0.0000000
## 5544	0.000000	0.000000	0.0000000
## 5545	0.000000	0.000000	0.0000000
## 5546	0.000000	0.000000	0.0000000
## 5547	0.000000	0.000000	0.0000000
## 5548	3.000000	69.600000	0.0000000
## 5549	0.000000	0.000000	0.0000000
## 5550	6.000000	66.550000	0.0000000
## 5551	8.000000	103.733333	0.0000000

## 5552	4.000000	60.400000	0.0000000
## 5553	2.000000	423.600000	0.0000000
## 5554	6.000000	63.683333	0.0000000
## 5555	5.000000	148.500000	0.0000000
##	Informational_Duration	ProductRelated	ProductRelated_Duration BounceRates
## 1	0.000000	1.00000	0.000000 0.200000000
## 2	0.000000	2.00000	64.000000 0.000000000
## 3	-1.000000	1.00000	-1.000000 0.200000000
## 4	0.000000	2.00000	2.666667 0.050000000
## 5	0.000000	10.00000	627.500000 0.020000000
## 6	0.000000	19.00000	154.216667 0.015789474
## 7	-1.000000	1.00000	-1.000000 0.200000000
## 8	-1.000000	1.00000	-1.000000 0.200000000
## 9	0.000000	2.00000	37.000000 0.000000000
## 10	0.000000	3.00000	738.000000 0.000000000
## 11	0.000000	3.00000	395.000000 0.000000000
## 12	0.000000	16.00000	407.750000 0.018750000
## 13	0.000000	7.00000	280.500000 0.000000000
## 14	0.000000	6.00000	98.000000 0.000000000
## 15	0.000000	2.00000	68.000000 0.000000000
## 16	0.000000	23.00000	1668.285119 0.008333333
## 17	-1.000000	1.00000	-1.000000 0.200000000
## 18	0.000000	13.00000	334.966667 0.000000000
## 19	0.000000	2.00000	32.000000 0.000000000
## 20	0.000000	20.00000	2981.166667 0.000000000
## 21	0.000000	8.00000	136.166667 0.000000000
## 22	-1.000000	1.00000	-1.000000 0.200000000
## 23	0.000000	3.00000	105.000000 0.000000000
## 24	0.000000	2.00000	15.000000 0.000000000
## 25	-1.000000	1.00000	-1.000000 0.200000000
## 26	0.000000	5.00000	156.000000 0.000000000
## 27	0.000000	32.00000	1135.444444 0.002857143
## 28	0.000000	4.00000	76.000000 0.050000000
## 29	0.000000	4.00000	63.000000 0.000000000
## 30	0.000000	45.00000	1582.750000 0.043478261
## 31	0.000000	2.00000	35.000000 0.000000000
## 32	0.000000	3.00000	78.000000 0.000000000
## 33	0.000000	8.00000	209.500000 0.000000000
## 34	0.000000	10.00000	183.666667 0.040000000
## 35	0.000000	14.00000	380.500000 0.014285714
## 36	0.000000	52.00000	2086.242857 0.015384615
## 37	0.000000	8.00000	388.000000 0.025000000
## 38	0.000000	5.00000	298.000000 0.000000000
## 39	0.000000	7.00000	63.000000 0.028571429
## 40	0.000000	9.00000	482.000000 0.000000000
## 41	0.000000	46.00000	4084.393939 0.000000000
## 42	0.000000	3.00000	22.000000 0.000000000
## 43	0.000000	15.00000	310.166667 0.000000000
## 44	0.000000	2.00000	34.000000 0.000000000
## 45	0.000000	4.00000	88.000000 0.000000000
## 46	0.000000	22.00000	622.250000 0.003030303
## 47	0.000000	14.00000	222.400000 0.017142857
## 48	0.000000	3.00000	80.000000 0.066666667
## 49	0.000000	11.00000	800.833333 0.000000000

## 50	-1.000000	1.00000	-1.000000 0.200000000
## 51	-1.000000	1.00000	-1.000000 0.200000000
## 52	0.000000	12.00000	265.166667 0.011111111
## 53	0.000000	2.00000	29.000000 0.000000000
## 54	0.000000	4.00000	160.000000 0.000000000
## 55	0.000000	4.00000	135.666667 0.050000000
## 56	0.000000	1.00000	0.000000 0.200000000
## 57	0.000000	1.00000	0.000000 0.200000000
## 58	120.000000	36.00000	998.741667 0.000000000
## 59	0.000000	4.00000	104.000000 0.000000000
## 60	0.000000	16.00000	381.686508 0.011764706
## 61	0.000000	6.00000	169.000000 0.000000000
## 62	0.000000	8.00000	400.800000 0.050000000
## 63	0.000000	42.00000	1553.583333 0.009000000
## 64	0.000000	14.00000	706.500000 0.000000000
## 65	-1.000000	1.00000	-1.000000 0.200000000
## 66	0.000000	27.00000	798.333333 0.000000000
## 67	0.000000	90.00000	6951.972222 0.002150538
## 68	0.000000	1.00000	0.000000 0.200000000
## 69	0.000000	18.00000	902.000000 0.000000000
## 70	0.000000	1.00000	0.000000 0.200000000
## 71	0.000000	1.00000	0.000000 0.200000000
## 72	0.000000	20.00000	197.377778 0.025000000
## 73	0.000000	2.00000	43.000000 0.000000000
## 74	0.000000	8.00000	426.666667 0.000000000
## 75	0.000000	3.00000	135.000000 0.000000000
## 76	0.000000	16.00000	588.333333 0.000000000
## 77	0.000000	36.00000	2111.341667 0.004347826
## 78	0.000000	2.00000	76.000000 0.000000000
## 79	0.000000	1.00000	0.000000 0.200000000
## 80	0.000000	1.00000	0.000000 0.200000000
## 81	0.000000	7.00000	208.000000 0.000000000
## 82	0.000000	4.00000	270.000000 0.000000000
## 83	0.000000	6.00000	39.500000 0.000000000
## 84	0.000000	12.00000	375.000000 0.016666667
## 85	0.000000	1.00000	0.000000 0.200000000
## 86	0.000000	1.00000	0.000000 0.200000000
## 87	0.000000	7.00000	150.000000 0.057142857
## 88	0.000000	3.00000	138.000000 0.000000000
## 89	0.000000	7.00000	337.500000 0.028571429
## 90	0.000000	19.00000	620.033333 0.000000000
## 91	0.000000	15.00000	168.846154 0.000000000
## 92	0.000000	1.00000	0.000000 0.200000000
## 93	0.000000	2.00000	52.000000 0.000000000
## 94	0.000000	13.00000	649.250000 0.000000000
## 95	0.000000	27.00000	925.333333 0.003703704
## 96	0.000000	2.00000	33.000000 0.000000000
## 97	0.000000	6.00000	1566.500000 0.050000000
## 98	0.000000	4.00000	105.000000 0.000000000
## 99	0.000000	7.00000	50.000000 0.038095238
## 100	0.000000	16.00000	644.200000 0.004166667
## 101	0.000000	38.00000	2635.177778 0.000000000
## 102	0.000000	19.00000	607.000000 0.000000000
## 103	0.000000	6.00000	415.000000 0.000000000

## 104	16.000000	36.00000	2083.530952	0.000000000
## 105	0.000000	17.00000	281.666667	0.007058824
## 106	0.000000	2.00000	27.000000	0.150000000
## 107	0.000000	9.00000	215.000000	0.044444444
## 108	0.000000	12.00000	162.000000	0.050000000
## 109	0.000000	2.00000	114.000000	0.050000000
## 110	94.000000	128.00000	5062.213753	0.000854701
## 111	0.000000	4.00000	253.000000	0.000000000
## 112	0.000000	4.00000	0.000000	0.200000000
## 113	0.000000	1.00000	0.000000	0.200000000
## 114	0.000000	25.00000	436.500000	0.008000000
## 115	93.000000	30.00000	1045.833333	0.012903226
## 116	0.000000	12.00000	317.833333	0.000000000
## 117	0.000000	21.00000	1146.333333	0.000000000
## 118	0.000000	11.00000	577.000000	0.018181818
## 119	0.000000	8.00000	95.000000	0.000000000
## 120	0.000000	6.00000	301.500000	0.000000000
## 121	0.000000	6.00000	243.000000	0.000000000
## 122	0.000000	4.00000	135.500000	0.000000000
## 123	75.000000	14.00000	442.333333	0.000000000
## 124	0.000000	3.00000	41.000000	0.000000000
## 125	0.000000	11.00000	292.900000	0.028000000
## 126	0.000000	1.00000	0.000000	0.200000000
## 127	0.000000	9.00000	1238.333333	0.000000000
## 128	0.000000	10.00000	225.466667	0.000000000
## 129	0.000000	51.00000	1873.216667	0.000000000
## 130	0.000000	3.00000	13.000000	0.133333333
## 131	0.000000	2.00000	222.000000	0.000000000
## 132	0.000000	16.00000	214.833333	0.000000000
## 133	-1.000000	1.00000	-1.000000	0.200000000
## 134	0.000000	6.00000	2017.166667	0.000000000
## 135	0.000000	26.00000	449.027778	0.000000000
## 136	0.000000	6.00000	158.166667	0.000000000
## 137	0.000000	9.00000	303.666667	0.005555556
## 138	0.000000	3.00000	25.000000	0.000000000
## 139	0.000000	2.00000	42.000000	0.050000000
## 140	0.000000	14.00000	1003.416667	0.000000000
## 141	-1.000000	1.00000	-1.000000	0.200000000
## 142	0.000000	9.00000	272.500000	0.000000000
## 143	0.000000	8.00000	344.000000	0.000000000
## 144	0.000000	1.00000	0.000000	0.200000000
## 145	19.000000	10.00000	852.000000	0.000000000
## 146	0.000000	3.00000	780.000000	0.066666667
## 147	0.000000	3.00000	1038.000000	0.000000000
## 148	0.000000	4.00000	573.000000	0.000000000
## 149	0.000000	28.00000	1231.233333	0.007142857
## 150	0.000000	11.00000	316.666667	0.000000000
## 151	0.000000	20.00000	873.736508	0.007500000
## 152	0.000000	1.00000	0.000000	0.200000000
## 153	0.000000	4.00000	16.000000	0.100000000
## 154	0.000000	19.00000	615.000000	0.000000000
## 155	0.000000	9.00000	261.750000	0.000000000
## 156	0.000000	21.00000	615.883117	0.033333333
## 157	0.000000	1.00000	0.000000	0.200000000

## 158	0.000000	6.00000	117.500000	0.000000000
## 159	0.000000	1.00000	0.000000	0.200000000
## 160	0.000000	23.00000	501.666667	0.008695652
## 161	22.000000	31.00000	829.166667	0.030303030
## 162	0.000000	23.00000	1223.000000	0.015217391
## 163	0.000000	6.00000	467.000000	0.000000000
## 164	0.000000	23.00000	737.166667	0.008695652
## 165	0.000000	12.00000	129.000000	0.000000000
## 166	0.000000	5.00000	63.000000	0.000000000
## 167	0.000000	5.00000	125.000000	0.086666667
## 168	0.000000	11.00000	684.333333	0.018181818
## 169	0.000000	20.00000	665.472222	0.000000000
## 170	0.000000	15.00000	487.500000	0.000000000
## 171	0.000000	17.00000	437.166667	0.011111111
## 172	0.000000	3.00000	55.000000	0.066666667
## 173	0.000000	1.00000	0.000000	0.200000000
## 174	0.000000	24.00000	446.927778	0.000000000
## 175	0.000000	10.00000	320.500000	0.000000000
## 176	0.000000	7.00000	666.000000	0.000000000
## 177	0.000000	21.00000	405.709524	0.010743802
## 178	0.000000	6.00000	163.250000	0.033333333
## 179	0.000000	17.00000	284.250000	0.000000000
## 180	-1.000000	1.00000	-1.000000	0.200000000
## 181	-1.000000	1.00000	-1.000000	0.200000000
## 182	0.000000	8.00000	260.000000	0.008333333
## 183	1210.397619	5.00000	279.857143	0.003174603
## 184	0.000000	20.00000	927.450000	0.011111111
## 185	0.000000	50.00000	836.800000	0.000000000
## 186	153.000000	96.00000	3283.166739	0.001960784
## 187	48.500000	49.00000	1868.819697	0.000000000
## 188	51.000000	68.00000	3008.124108	0.007142857
## 189	0.000000	2.00000	0.000000	0.200000000
## 190	3.000000	24.00000	3230.250000	0.036190476
## 191	0.000000	9.00000	319.000000	0.000000000
## 192	0.000000	3.00000	42.000000	0.000000000
## 193	0.000000	22.00000	354.333333	0.009090909
## 194	0.000000	98.00000	3556.612410	0.002061856
## 195	144.000000	67.00000	2563.783333	0.000000000
## 196	0.000000	13.00000	3014.018519	0.013068182
## 197	0.000000	17.00000	840.233333	0.000000000
## 198	125.000000	55.00000	1970.844805	0.000000000
## 199	0.000000	50.00000	2867.000000	0.000000000
## 200	0.000000	5.00000	43.000000	0.000000000
## 201	0.000000	13.00000	284.500000	0.000000000
## 202	0.000000	3.00000	133.500000	0.000000000
## 203	0.000000	12.00000	297.666667	0.000000000
## 204	0.000000	16.00000	453.750000	0.000000000
## 205	0.000000	16.00000	1331.750000	0.000000000
## 206	0.000000	5.00000	558.500000	0.000000000
## 207	0.000000	4.00000	145.833333	0.000000000
## 208	0.000000	8.00000	731.000000	0.000000000
## 209	127.000000	4.00000	188.000000	0.033333333
## 210	0.000000	14.00000	565.333333	0.037619048
## 211	0.000000	2.00000	50.000000	0.000000000

## 212	0.000000	7.00000	591.000000	0.006666667
## 213	261.000000	10.00000	281.000000	0.000000000
## 214	306.333333	18.00000	483.833333	0.000000000
## 215	0.000000	4.00000	42.000000	0.000000000
## 216	0.000000	35.00000	1192.386111	0.005714286
## 217	0.000000	12.00000	198.000000	0.016666667
## 218	0.000000	3.00000	15.000000	0.000000000
## 219	0.000000	14.00000	643.000000	0.000000000
## 220	0.000000	5.00000	23.000000	0.080000000
## 221	0.000000	4.00000	14.000000	0.100000000
## 222	0.000000	6.00000	210.500000	0.000000000
## 223	0.000000	28.00000	1529.304670	0.001481481
## 224	0.000000	2.00000	19.000000	0.000000000
## 225	84.000000	37.00000	1599.083333	0.000000000
## 226	0.000000	9.00000	102.500000	0.000000000
## 227	0.000000	16.00000	2337.000000	0.000000000
## 228	0.000000	19.00000	1883.500000	0.010526316
## 229	0.000000	50.00000	1245.300000	0.004000000
## 230	0.000000	22.00000	1674.583333	0.000000000
## 231	0.000000	9.00000	132.000000	0.011111111
## 232	740.000000	50.00000	1434.255128	0.000000000
## 233	0.000000	18.00000	367.250000	0.005263158
## 234	303.250000	7.00000	148.500000	0.000000000
## 235	0.000000	29.00000	1482.210784	0.006896552
## 236	0.000000	34.00000	1048.492063	0.011578947
## 237	0.000000	9.00000	478.000000	0.000000000
## 238	0.000000	16.00000	980.250000	0.000000000
## 239	21.500000	51.00000	1124.693074	0.022807018
## 240	0.000000	22.00000	353.166667	0.018181818
## 241	0.000000	18.00000	1489.083333	0.023529412
## 242	1220.000000	28.00000	2389.333333	0.016666667
## 243	0.000000	7.00000	753.000000	0.000000000
## 244	0.000000	31.00000	688.166667	0.000000000
## 245	0.000000	14.00000	811.000000	0.015384615
## 246	0.000000	9.00000	415.250000	0.033333333
## 247	0.000000	32.00000	908.013456	0.005000000
## 248	235.000000	71.00000	2753.378571	0.012676056
## 249	100.000000	46.00000	2452.582143	0.007246377
## 250	0.000000	18.00000	5188.500000	0.000000000
## 251	-1.000000	1.00000	-1.000000	0.200000000
## 252	0.000000	5.00000	57.000000	0.080000000
## 253	0.000000	2.00000	8.000000	0.000000000
## 254	0.000000	19.00000	1430.659091	0.010000000
## 255	0.000000	2.00000	20.000000	0.000000000
## 256	0.000000	4.00000	1373.750000	0.000000000
## 257	0.000000	45.00000	844.250000	0.000000000
## 258	0.000000	7.00000	188.000000	0.000000000
## 259	0.000000	14.00000	527.375000	0.015555556
## 260	0.000000	1.00000	0.000000	0.200000000
## 261	64.000000	29.00000	1916.761905	0.006451613
## 262	0.000000	9.00000	116.333333	0.000000000
## 263	0.000000	30.00000	397.000000	0.000000000
## 264	0.000000	63.00000	5220.083333	0.000000000
## 265	0.000000	20.00000	219.333333	0.000000000

## 266	0.000000	5.00000	74.000000	0.000000000
## 267	0.000000	15.00000	1559.600000	0.000000000
## 268	0.000000	6.00000	236.500000	0.000000000
## 269	0.000000	14.00000	348.666667	0.035714286
## 270	0.000000	1.00000	0.000000	0.200000000
## 271	47.000000	13.00000	224.500000	0.000000000
## 272	0.000000	42.00000	601.766667	0.000000000
## 273	0.000000	5.00000	75.500000	0.020000000
## 274	0.000000	2.00000	153.000000	0.000000000
## 275	0.000000	10.00000	197.200000	0.000000000
## 276	0.000000	18.00000	3658.500000	0.016666667
## 277	0.000000	5.00000	1162.500000	0.000000000
## 278	0.000000	32.00000	556.600000	0.014583333
## 279	0.000000	3.00000	41.000000	0.000000000
## 280	0.000000	11.00000	300.071429	0.000000000
## 281	205.000000	36.00000	1626.625433	0.010638298
## 282	0.000000	6.00000	69.250000	0.000000000
## 283	0.000000	10.00000	1169.100000	0.020000000
## 284	0.000000	8.00000	402.000000	0.000000000
## 285	0.000000	1.00000	0.000000	0.200000000
## 286	0.000000	35.00000	3324.333333	0.011428571
## 287	70.000000	87.00000	3037.499952	0.002150538
## 288	0.000000	4.00000	59.000000	0.000000000
## 289	0.000000	51.00000	1059.253472	0.010588235
## 290	0.000000	7.00000	720.000000	0.000000000
## 291	0.000000	40.00000	905.485606	0.013500000
## 292	0.000000	1.00000	0.000000	0.200000000
## 293	14.333333	14.00000	603.666667	0.000000000
## 294	0.000000	13.00000	328.916667	0.000000000
## 295	0.000000	33.00000	778.816667	0.000000000
## 296	0.000000	22.00000	851.559524	0.004545455
## 297	0.000000	1.00000	0.000000	0.200000000
## 298	0.000000	3.00000	227.500000	0.000000000
## 299	0.000000	17.00000	528.900000	0.000000000
## 300	0.000000	15.00000	872.833333	0.000000000
## 301	0.000000	2.00000	0.000000	0.200000000
## 302	0.000000	35.00000	835.066667	0.012571429
## 303	0.000000	4.00000	82.500000	0.000000000
## 304	0.000000	1.00000	13.000000	0.000000000
## 305	0.000000	2.00000	9.000000	0.000000000
## 306	0.000000	2.00000	7.000000	0.000000000
## 307	0.000000	12.00000	94.500000	0.033333333
## 308	0.000000	23.00000	267.300000	0.000000000
## 309	0.000000	29.00000	3312.500000	0.013793103
## 310	0.000000	3.00000	75.000000	0.000000000
## 311	0.000000	10.00000	75.000000	0.050000000
## 312	24.000000	27.00000	1547.500000	0.003703704
## 313	40.000000	35.00000	1276.157071	0.000000000
## 314	136.000000	54.00000	2631.100000	0.000000000
## 315	0.000000	2.00000	96.000000	0.000000000
## 316	0.000000	3.00000	1370.000000	0.000000000
## 317	0.000000	5.00000	97.000000	0.000000000
## 318	0.000000	46.00000	1380.166667	0.000000000
## 319	0.000000	23.00000	1483.600000	0.022916667

## 320	0.000000	5.00000	156.000000	0.000000000
## 321	0.000000	10.00000	240.750000	0.000000000
## 322	0.000000	37.00000	1238.500000	0.005128205
## 323	0.000000	68.00000	2524.719048	0.000000000
## 324	0.000000	4.00000	54.000000	0.000000000
## 325	0.000000	2.00000	35.000000	0.000000000
## 326	0.000000	15.00000	175.916667	0.013333333
## 327	0.000000	11.00000	263.600000	0.000000000
## 328	0.000000	7.00000	101.800000	0.000000000
## 329	0.000000	1.00000	0.000000	0.200000000
## 330	0.000000	55.00000	1042.242857	0.000000000
## 331	116.000000	21.00000	613.666667	0.008333333
## 332	0.000000	64.00000	1588.944444	0.003076923
## 333	929.000000	75.00000	4105.666667	0.002631579
## 334	0.000000	14.00000	269.500000	0.000000000
## 335	0.000000	8.00000	1236.200000	0.000000000
## 336	0.000000	49.00000	1384.016667	0.000000000
## 337	0.000000	4.00000	52.000000	0.000000000
## 338	0.000000	29.00000	664.750000	0.000000000
## 339	0.000000	7.00000	64.000000	0.000000000
## 340	0.000000	1.00000	0.000000	0.200000000
## 341	0.000000	8.00000	326.500000	0.100000000
## 342	0.000000	25.00000	1690.977778	0.008000000
## 343	0.000000	1.00000	0.000000	0.200000000
## 344	0.000000	3.00000	178.750000	0.000000000
## 345	0.000000	12.00000	407.000000	0.000000000
## 346	0.000000	39.00000	1513.566667	0.005128205
## 347	0.000000	24.00000	832.090909	0.000000000
## 348	0.000000	12.00000	250.833333	0.000000000
## 349	0.000000	15.00000	565.666667	0.000000000
## 350	0.000000	10.00000	194.000000	0.020000000
## 351	18.000000	19.00000	298.000000	0.000000000
## 352	155.500000	55.00000	1743.066667	0.000000000
## 353	0.000000	27.00000	655.916667	0.000000000
## 354	9.000000	30.00000	1992.833333	0.000000000
## 355	0.000000	3.00000	0.000000	0.200000000
## 356	0.000000	24.00000	308.863553	0.000000000
## 357	0.000000	46.00000	2749.666667	0.000000000
## 358	0.000000	1.00000	0.000000	0.200000000
## 359	0.000000	25.00000	812.000000	0.000000000
## 360	0.000000	12.00000	166.000000	0.028571429
## 361	0.000000	4.00000	65.000000	0.000000000
## 362	0.000000	46.00000	2450.688095	0.027083333
## 363	0.000000	10.00000	226.833333	0.000000000
## 364	0.000000	9.00000	341.000000	0.000000000
## 365	0.000000	13.00000	226.000000	0.000000000
## 366	0.000000	111.00000	3510.879903	0.000098300
## 367	0.000000	2.00000	6.000000	0.000000000
## 368	0.000000	27.00000	559.400000	0.014814815
## 369	0.000000	33.00000	1109.883333	0.013888889
## 370	0.000000	5.00000	239.000000	0.000000000
## 371	0.000000	7.00000	212.166667	0.000000000
## 372	1165.166667	81.00000	2820.952419	0.008897485
## 373	0.000000	6.00000	44.000000	0.066666667

## 374	0.000000	8.00000	781.000000 0.028571429
## 375	0.000000	14.00000	175.666667 0.000000000
## 376	0.000000	25.00000	397.884615 0.005333333
## 377	0.000000	25.00000	770.028571 0.011200000
## 378	60.000000	22.00000	1034.975000 0.000000000
## 379	0.000000	2.00000	12.000000 0.000000000
## 380	0.000000	3.00000	8.000000 0.066666667
## 381	0.000000	22.00000	399.800000 0.019047619
## 382	-1.000000	1.00000	-1.000000 0.200000000
## 383	528.000000	61.00000	2258.430586 0.010000000
## 384	0.000000	2.00000	254.000000 0.000000000
## 385	0.000000	7.00000	67.000000 0.000000000
## 386	0.000000	4.00000	57.000000 0.000000000
## 387	0.000000	12.00000	240.416667 0.000000000
## 388	0.000000	8.00000	551.166667 0.025000000
## 389	0.000000	47.00000	1532.200000 0.009929078
## 390	0.000000	7.00000	379.500000 0.057142857
## 391	0.000000	14.00000	548.185714 0.028571429
## 392	0.000000	31.00000	1735.301587 0.015625000
## 393	0.000000	3.00000	103.000000 0.000000000
## 394	0.000000	44.00000	1406.100000 0.004081633
## 395	0.000000	8.00000	331.400000 0.000000000
## 396	28.000000	88.00000	1759.275703 0.004545455
## 397	0.000000	1.00000	0.000000 0.200000000
## 398	654.333333	31.00000	1204.600433 0.000854701
## 399	0.000000	39.00000	1743.366667 0.000000000
## 400	0.000000	10.00000	236.000000 0.000000000
## 401	246.000000	17.00000	427.083333 0.000000000
## 402	0.000000	46.00000	909.522619 0.004255319
## 403	0.000000	14.00000	702.916667 0.000000000
## 404	0.000000	40.00000	962.333333 0.000000000
## 405	0.000000	2.00000	159.000000 0.000000000
## 406	0.000000	2.00000	24.000000 0.000000000
## 407	142.000000	30.00000	1569.625000 0.000000000
## 408	0.000000	15.00000	424.833333 0.000000000
## 409	0.000000	16.00000	154.833333 0.000000000
## 410	0.000000	37.00000	758.442857 0.000000000
## 411	18.500000	11.00000	305.875000 0.000000000
## 412	0.000000	2.00000	62.000000 0.000000000
## 413	0.000000	15.00000	656.250000 0.028571429
## 414	0.000000	29.00000	617.500000 0.006896552
## 415	39.000000	15.00000	245.000000 0.000000000
## 416	0.000000	3.00000	20.000000 0.000000000
## 417	0.000000	2.00000	22.000000 0.000000000
## 418	0.000000	55.00000	872.400000 0.003508772
## 419	0.000000	1.00000	0.000000 0.200000000
## 420	0.000000	38.00000	1372.000000 0.005405405
## 421	0.000000	7.00000	139.000000 0.022222222
## 422	629.000000	149.00000	5042.458059 0.003870968
## 423	0.000000	5.00000	288.500000 0.000000000
## 424	0.000000	2.00000	0.000000 0.200000000
## 425	0.000000	6.00000	192.000000 0.000000000
## 426	0.000000	27.00000	954.666667 0.000000000
## 427	0.000000	1.00000	0.000000 0.200000000

## 428	0.000000	13.00000	429.000000 0.013333333
## 429	0.000000	41.00000	1546.500000 0.000000000
## 430	0.000000	9.00000	96.466667 0.000000000
## 431	0.000000	9.00000	198.833333 0.000000000
## 432	0.000000	8.00000	181.000000 0.075000000
## 433	0.000000	15.00000	208.500000 0.000000000
## 434	0.000000	21.00000	517.423809 0.019047619
## 435	0.000000	12.00000	358.066667 0.000000000
## 436	0.000000	22.00000	339.250000 0.000000000
## 437	0.000000	13.00000	796.000000 0.000000000
## 438	0.000000	31.00000	1759.416667 0.000000000
## 439	0.000000	19.00000	3277.000000 0.015789474
## 440	0.000000	13.00000	265.166667 0.000000000
## 441	0.000000	13.00000	437.200000 0.000000000
## 442	0.000000	6.00000	92.000000 0.000000000
## 443	0.000000	0.00000	0.000000 0.000000000
## 444	267.500000	23.00000	1266.267677 0.002197802
## 445	4.000000	2.00000	19.000000 0.000000000
## 446	0.000000	47.00000	1882.113409 0.004000000
## 447	0.000000	12.00000	616.400000 0.000000000
## 448	0.000000	5.00000	155.000000 0.040000000
## 449	0.000000	11.00000	814.500000 0.000000000
## 450	0.000000	21.00000	460.416667 0.019047619
## 451	0.000000	5.00000	819.500000 0.000000000
## 452	0.000000	30.00000	659.200000 0.000000000
## 453	0.000000	5.00000	427.000000 0.000000000
## 454	0.000000	17.00000	766.500000 0.000000000
## 455	0.000000	1.00000	0.000000 0.200000000
## 456	0.000000	14.00000	2425.000000 0.000000000
## 457	0.000000	11.00000	416.500000 0.000000000
## 458	0.000000	15.00000	638.642857 0.003571429
## 459	132.000000	8.00000	445.000000 0.000000000
## 460	0.000000	4.00000	81.000000 0.000000000
## 461	0.000000	20.00000	1985.000000 0.030000000
## 462	0.000000	24.00000	758.144444 0.040000000
## 463	0.000000	15.00000	310.900000 0.000000000
## 464	0.000000	15.00000	482.000000 0.012500000
## 465	0.000000	2.00000	0.000000 0.200000000
## 466	0.000000	30.00000	709.833333 0.026666667
## 467	57.000000	31.00000	4547.166667 0.012903226
## 468	0.000000	9.00000	1040.000000 0.077777778
## 469	0.000000	3.00000	223.000000 0.066666667
## 470	14.000000	11.00000	687.500000 0.020512821
## 471	0.000000	30.00000	632.583333 0.000000000
## 472	0.000000	9.00000	312.000000 0.000000000
## 473	0.000000	45.00000	2502.966667 0.000000000
## 474	0.000000	47.00000	3608.900000 0.000000000
## 475	0.000000	15.00000	406.575000 0.019047619
## 476	0.000000	1.00000	0.000000 0.200000000
## 477	0.000000	39.00000	2487.500000 0.017105263
## 478	0.000000	15.00000	212.800000 0.019047619
## 479	0.000000	20.00000	510.000000 0.013636364
## 480	0.000000	5.00000	72.333333 0.000000000
## 481	0.000000	13.00000	96.500000 0.030769231

## 482	0.000000	8.00000	267.000000 0.000000000
## 483	0.000000	8.00000	481.166667 0.000000000
## 484	0.000000	4.00000	2528.000000 0.000000000
## 485	148.500000	24.00000	1530.194444 0.007407407
## 486	0.000000	7.00000	289.500000 0.000000000
## 487	0.000000	1.00000	10.000000 0.000000000
## 488	0.000000	16.00000	676.750000 0.014285714
## 489	0.000000	4.00000	36.000000 0.050000000
## 490	0.000000	6.00000	65.000000 0.000000000
## 491	0.000000	16.00000	630.750000 0.000000000
## 492	954.000000	14.00000	336.500000 0.000000000
## 493	0.000000	5.00000	77.000000 0.000000000
## 494	0.000000	3.00000	44.666667 0.000000000
## 495	0.000000	22.00000	3410.875000 0.019871795
## 496	0.000000	10.00000	322.500000 0.040000000
## 497	0.000000	11.00000	919.000000 0.000000000
## 498	762.500000	79.00000	2096.911364 0.003333333
## 499	0.000000	66.00000	2868.133333 0.011428571
## 500	0.000000	27.00000	1058.893939 0.000000000
## 501	0.000000	5.00000	54.380952 0.000000000
## 502	0.000000	11.00000	543.500000 0.007692308
## 503	0.000000	29.00000	1089.000000 0.006896552
## 504	60.000000	43.00000	1131.808333 0.028787879
## 505	0.000000	7.00000	314.500000 0.033333333
## 506	449.333333	258.00000	11301.204160 0.000000000
## 507	0.000000	33.00000	1946.942857 0.005882353
## 508	71.000000	26.00000	1558.000000 0.006666667
## 509	212.500000	21.00000	1198.750000 0.000000000
## 510	0.000000	1.00000	0.000000 0.200000000
## 511	0.000000	17.00000	927.166667 0.000000000
## 512	0.000000	37.00000	584.595887 0.005128205
## 513	0.000000	4.00000	135.500000 0.000000000
## 514	0.000000	8.00000	292.500000 0.000000000
## 515	0.000000	2.00000	68.500000 0.000000000
## 516	0.000000	23.00000	364.166667 0.004000000
## 517	0.000000	26.00000	694.300000 0.023076923
## 518	0.000000	3.00000	236.000000 0.000000000
## 519	0.000000	24.00000	1128.468254 0.038461538
## 520	0.000000	5.00000	81.000000 0.000000000
## 521	0.000000	21.00000	521.500000 0.018181818
## 522	0.000000	7.00000	496.750000 0.000000000
## 523	0.000000	9.00000	104.833333 0.022222222
## 524	0.000000	4.00000	45.000000 0.000000000
## 525	0.000000	2.00000	492.500000 0.000000000
## 526	0.000000	40.00000	624.750000 0.000000000
## 527	-1.000000	1.00000	-1.000000 0.200000000
## 528	0.000000	6.00000	116.500000 0.000000000
## 529	0.000000	8.00000	144.000000 0.025000000
## 530	0.000000	28.00000	686.322222 0.000000000
## 531	1411.000000	1.00000	1411.000000 0.000000000
## 532	0.000000	7.00000	126.000000 0.028571429
## 533	0.000000	6.00000	185.000000 0.000000000
## 534	0.000000	6.00000	218.000000 0.000000000
## 535	-1.000000	1.00000	-1.000000 0.200000000

## 536	0.000000	30.00000	484.672619	0.000000000
## 537	0.000000	19.00000	439.833333	0.005555556
## 538	0.000000	21.00000	733.700000	0.000000000
## 539	447.000000	34.00000	1469.702381	0.000000000
## 540	125.000000	16.00000	485.833333	0.000000000
## 541	0.000000	3.00000	19.000000	0.000000000
## 542	28.500000	5.00000	345.500000	0.000000000
## 543	0.000000	20.00000	543.800000	0.009523810
## 544	0.000000	3.00000	48.000000	0.000000000
## 545	0.000000	22.00000	343.369048	0.001298701
## 546	0.000000	9.00000	171.000000	0.022222222
## 547	0.000000	61.00000	2202.579167	0.005797101
## 548	0.000000	11.00000	299.500000	0.036363636
## 549	90.000000	11.00000	1056.500000	0.018181818
## 550	0.000000	46.00000	627.308333	0.000000000
## 551	0.000000	33.00000	583.833333	0.002631579
## 552	0.000000	7.00000	221.500000	0.000000000
## 553	0.000000	44.00000	441.791667	0.004545455
## 554	0.000000	37.00000	1037.355013	0.000000000
## 555	0.000000	11.00000	246.000000	0.018181818
## 556	-1.000000	1.00000	-1.000000	0.000000000
## 557	18.000000	1.00000	46.000000	0.000000000
## 558	0.000000	80.00000	801.802381	0.000000000
## 559	0.000000	40.00000	1361.166667	0.005000000
## 560	0.000000	5.00000	53.000000	0.040000000
## 561	0.000000	17.00000	2648.500000	0.012500000
## 562	0.000000	3.00000	27.000000	0.066666667
## 563	0.000000	13.00000	255.000000	0.000000000
## 564	0.000000	2.00000	221.500000	0.000000000
## 565	0.000000	7.00000	225.000000	0.028571429
## 566	0.000000	7.00000	125.000000	0.000000000
## 567	0.000000	12.00000	323.000000	0.033333333
## 568	245.000000	32.00000	1929.329762	0.000000000
## 569	0.000000	96.00000	4233.480700	0.006635802
## 570	0.000000	5.00000	116.000000	0.000000000
## 571	0.000000	2.00000	0.000000	0.200000000
## 572	0.000000	27.00000	1585.666667	0.026666667
## 573	0.000000	13.00000	644.000000	0.000000000
## 574	0.000000	5.00000	488.500000	0.032727273
## 575	15.000000	25.00000	1235.650000	0.041666667
## 576	0.000000	37.00000	1505.166667	0.000000000
## 577	0.000000	7.00000	495.000000	0.000000000
## 578	0.000000	21.00000	270.000000	0.000000000
## 579	0.000000	2.00000	0.000000	0.200000000
## 580	0.000000	13.00000	293.000000	0.000000000
## 581	0.000000	51.00000	2122.656061	0.000000000
## 582	0.000000	35.00000	1231.160256	0.005714286
## 583	0.000000	17.00000	341.666667	0.011764706
## 584	-1.000000	1.00000	-1.000000	0.200000000
## 585	0.000000	21.00000	1686.333333	0.000000000
## 586	0.000000	3.00000	212.000000	0.000000000
## 587	0.000000	34.00000	2161.979365	0.006250000
## 588	125.095238	17.00000	318.073016	0.008695652
## 589	0.000000	1.00000	13.000000	0.000000000

## 590	0.000000	30.00000	390.666667	0.006666667
## 591	0.000000	11.00000	253.000000	0.000000000
## 592	0.000000	12.00000	208.000000	0.045454545
## 593	0.000000	62.00000	1470.853037	0.000000000
## 594	0.000000	83.00000	2585.618350	0.000000000
## 595	0.000000	13.00000	400.333333	0.030769231
## 596	103.000000	10.00000	808.500000	0.000000000
## 597	0.000000	12.00000	1484.000000	0.000000000
## 598	0.000000	4.00000	505.000000	0.000000000
## 599	0.000000	37.00000	1121.205556	0.005405405
## 600	0.000000	2.00000	141.000000	0.000000000
## 601	0.000000	3.00000	234.000000	0.000000000
## 602	0.000000	7.00000	179.000000	0.000000000
## 603	404.000000	41.00000	2720.671429	0.012962963
## 604	147.866667	173.00000	6255.017866	0.002531328
## 605	263.000000	48.00000	2309.732468	0.003846154
## 606	0.000000	39.00000	1936.550000	0.004761905
## 607	0.000000	17.00000	694.000000	0.003703704
## 608	0.000000	11.00000	125.000000	0.018181818
## 609	0.000000	10.00000	195.500000	0.000000000
## 610	0.000000	27.00000	1400.500000	0.000000000
## 611	41.000000	18.00000	914.166667	0.000000000
## 612	53.000000	88.00000	5958.071931	0.002105263
## 613	0.000000	31.00000	270.491667	0.000000000
## 614	0.000000	24.00000	463.816667	0.002666667
## 615	0.000000	16.00000	371.500000	0.012500000
## 616	0.000000	6.00000	13.000000	0.133333333
## 617	148.500000	5.00000	185.833333	0.000000000
## 618	0.000000	16.00000	502.833333	0.000000000
## 619	0.000000	3.00000	1016.500000	0.066666667
## 620	0.000000	16.00000	253.000000	0.000000000
## 621	126.000000	17.00000	887.066667	0.012500000
## 622	0.000000	58.00000	3200.366667	0.003448276
## 623	41.000000	48.00000	1769.697383	0.000606061
## 624	0.000000	14.00000	1037.500000	0.014285714
## 625	0.000000	40.00000	1694.750000	0.020512821
## 626	0.000000	37.00000	1643.435516	0.005555556
## 627	0.000000	7.00000	383.500000	0.000000000
## 628	371.000000	23.00000	626.221368	0.004444444
## 629	0.000000	4.00000	34.000000	0.100000000
## 630	0.000000	27.00000	1070.461905	0.000000000
## 631	-1.000000	1.00000	-1.000000	0.200000000
## 632	0.000000	3.00000	195.000000	0.000000000
## 633	0.000000	22.00000	1187.833333	0.009090909
## 634	77.000000	31.00000	1021.619336	0.004545455
## 635	0.000000	6.00000	58.000000	0.000000000
## 636	0.000000	18.00000	771.083333	0.055555556
## 637	0.000000	19.00000	291.258974	0.000000000
## 638	0.000000	15.00000	695.400000	0.014285714
## 639	0.000000	3.00000	21.000000	0.000000000
## 640	0.000000	45.00000	1594.283333	0.000000000
## 641	395.000000	12.00000	343.583333	0.000000000
## 642	0.000000	81.00000	2241.002381	0.002439024
## 643	0.000000	2.00000	5.000000	0.000000000

## 644	0.000000	2.00000	63.000000 0.000000000
## 645	0.000000	21.00000	825.083333 0.000000000
## 646	0.000000	54.00000	1357.617830 0.000000000
## 647	4.000000	37.00000	836.333333 0.005000000
## 648	0.000000	19.00000	1409.416667 0.002469136
## 649	0.000000	10.00000	60.500000 0.020000000
## 650	54.000000	10.00000	420.000000 0.000000000
## 651	0.000000	1.00000	0.000000 0.200000000
## 652	0.000000	9.00000	389.000000 0.000000000
## 653	0.000000	15.00000	449.500000 0.012500000
## 654	0.000000	8.00000	202.166667 0.000000000
## 655	0.000000	2.00000	17.000000 0.000000000
## 656	0.000000	12.00000	689.285714 0.000000000
## 657	41.000000	31.00000	2013.595238 0.000000000
## 658	0.000000	17.00000	933.416667 0.031932773
## 659	0.000000	19.00000	371.227273 0.001666667
## 660	0.000000	8.00000	306.000000 0.000000000
## 661	0.000000	21.00000	719.738095 0.004347826
## 662	0.000000	1.00000	0.000000 0.200000000
## 663	0.000000	2.00000	56.000000 0.000000000
## 664	0.000000	20.00000	302.388889 0.000000000
## 665	0.000000	19.00000	491.666667 0.011111111
## 666	0.000000	13.00000	922.083333 0.023529412
## 667	0.000000	20.00000	667.916667 0.000000000
## 668	0.000000	13.00000	181.500000 0.000000000
## 669	0.000000	14.00000	512.111111 0.028571429
## 670	0.000000	15.00000	317.000000 0.000000000
## 671	0.000000	17.00000	85.666667 0.023529412
## 672	0.000000	8.00000	128.500000 0.000000000
## 673	0.000000	7.00000	78.833333 0.004444444
## 674	40.666667	57.00000	851.642653 0.000000000
## 675	0.000000	58.00000	1400.438961 0.000000000
## 676	0.000000	6.00000	84.000000 0.000000000
## 677	0.000000	12.00000	167.222222 0.000000000
## 678	0.000000	12.00000	396.500000 0.000000000
## 679	0.000000	2.00000	22.000000 0.000000000
## 680	0.000000	5.00000	371.000000 0.000000000
## 681	399.333333	46.00000	1814.583333 0.003673469
## 682	0.000000	4.00000	30.500000 0.000000000
## 683	0.000000	27.00000	644.000000 0.007692308
## 684	0.000000	27.00000	1802.250000 0.006060606
## 685	0.000000	23.00000	855.166667 0.008000000
## 686	345.000000	24.00000	879.909091 0.000000000
## 687	0.000000	56.00000	1432.223333 0.000000000
## 688	23.000000	111.00000	2524.501905 0.001694915
## 689	29.500000	45.00000	1545.500000 0.000000000
## 690	75.250000	44.00000	1616.425824 0.006944444
## 691	0.000000	8.00000	332.000000 0.000000000
## 692	0.000000	1.00000	40.000000 0.000000000
## 693	0.000000	20.00000	2224.850000 0.004347826
## 694	0.000000	28.00000	672.545238 0.000000000
## 695	0.000000	6.00000	551.000000 0.033333333
## 696	116.000000	64.00000	3179.354257 0.002531646
## 697	0.000000	10.00000	203.000000 0.000000000

## 698	0.000000	9.00000	368.200000	0.020000000
## 699	122.000000	26.00000	694.712121	0.000000000
## 700	0.000000	10.00000	657.261905	0.000000000
## 701	0.000000	7.00000	974.666667	0.085714286
## 702	0.000000	43.00000	1223.347222	0.000000000
## 703	0.000000	10.00000	276.000000	0.044444444
## 704	844.000000	6.00000	1108.000000	0.066666667
## 705	0.000000	7.00000	223.000000	0.000000000
## 706	0.000000	3.00000	261.000000	0.000000000
## 707	0.000000	21.00000	1372.700000	0.019047619
## 708	0.000000	14.00000	964.500000	0.000000000
## 709	0.000000	38.00000	461.500000	0.010000000
## 710	0.000000	4.00000	41.000000	0.050000000
## 711	0.000000	2.00000	8.000000	0.000000000
## 712	0.000000	1.00000	0.000000	0.200000000
## 713	0.000000	7.00000	39.250000	0.028571429
## 714	407.000000	69.00000	5485.105556	0.010526316
## 715	0.000000	8.00000	450.000000	0.000000000
## 716	0.000000	1.00000	0.000000	0.200000000
## 717	0.000000	20.00000	438.333333	0.020000000
## 718	0.000000	15.00000	787.000000	0.000000000
## 719	0.000000	1.00000	0.000000	0.200000000
## 720	0.000000	6.00000	319.000000	0.000000000
## 721	0.000000	15.00000	1148.000000	0.014285714
## 722	60.500000	21.00000	534.500000	0.004347826
## 723	0.000000	20.00000	644.400000	0.000000000
## 724	0.000000	14.00000	875.000000	0.000000000
## 725	0.000000	7.00000	873.000000	0.000000000
## 726	0.000000	31.00000	3121.369048	0.002857143
## 727	81.000000	82.00000	3214.020563	0.000000000
## 728	0.000000	3.00000	14.000000	0.000000000
## 729	0.000000	52.00000	1551.666667	0.001818182
## 730	0.000000	13.00000	334.500000	0.000000000
## 731	0.000000	48.00000	3726.333333	0.000000000
## 732	329.500000	59.00000	2816.781781	0.003214696
## 733	0.000000	38.00000	667.166667	0.000000000
## 734	0.000000	41.00000	1202.904762	0.011529933
## 735	0.000000	3.00000	0.000000	0.200000000
## 736	0.000000	20.00000	1117.333333	0.000000000
## 737	0.000000	9.00000	211.000000	0.000000000
## 738	70.000000	29.00000	705.400000	0.000000000
## 739	24.000000	3.00000	5.333333	0.033333333
## 740	0.000000	7.00000	525.000000	0.000000000
## 741	0.000000	13.00000	635.333333	0.000000000
## 742	0.000000	50.00000	1803.768849	0.001360544
## 743	0.000000	37.00000	2419.133333	0.007894737
## 744	0.000000	28.00000	952.285714	0.000000000
## 745	0.000000	14.00000	249.000000	0.011764706
## 746	0.000000	13.00000	271.000000	0.000000000
## 747	0.000000	15.00000	650.696193	0.000000000
## 748	162.000000	17.00000	481.666667	0.024561404
## 749	0.000000	7.00000	258.500000	0.028571429
## 750	0.000000	14.00000	510.500000	0.000000000
## 751	0.000000	16.00000	600.750000	0.000000000

## 752	298.000000	49.00000	2302.021242	0.000308642
## 753	0.000000	26.00000	1636.016667	0.007692308
## 754	0.000000	16.00000	519.750000	0.012500000
## 755	0.000000	1.00000	0.000000	0.200000000
## 756	0.000000	11.00000	673.000000	0.018181818
## 757	0.000000	4.00000	173.500000	0.000000000
## 758	0.000000	16.00000	156.533333	0.000000000
## 759	0.000000	21.00000	574.533333	0.000000000
## 760	0.000000	17.00000	548.333333	0.000000000
## 761	357.000000	109.00000	6682.677557	0.000833333
## 762	0.000000	51.00000	1671.375000	0.001098901
## 763	0.000000	11.00000	1390.166667	0.012121212
## 764	235.550000	83.00000	2503.881781	0.002197802
## 765	0.000000	24.00000	520.666667	0.000000000
## 766	0.000000	19.00000	423.816667	0.005952381
## 767	30.000000	11.00000	1114.916667	0.000000000
## 768	104.000000	71.00000	1678.905125	0.000000000
## 769	0.000000	29.00000	438.866667	0.000000000
## 770	0.000000	23.00000	505.583333	0.008000000
## 771	0.000000	9.00000	76.000000	0.022222222
## 772	0.000000	7.00000	203.500000	0.000000000
## 773	0.000000	28.00000	818.791667	0.000000000
## 774	17.000000	17.00000	490.000000	0.000000000
## 775	0.000000	12.00000	645.916667	0.000000000
## 776	0.000000	8.00000	142.000000	0.000000000
## 777	0.000000	6.00000	25.000000	0.000000000
## 778	0.000000	16.00000	672.500000	0.005555556
## 779	0.000000	35.00000	1090.490476	0.013675214
## 780	0.000000	3.00000	30.000000	0.000000000
## 781	0.000000	13.00000	244.166667	0.000000000
## 782	0.000000	13.00000	129.500000	0.061538462
## 783	88.000000	22.00000	1734.780952	0.000000000
## 784	0.000000	6.00000	145.000000	0.000000000
## 785	0.000000	16.00000	1106.333333	0.025000000
## 786	0.000000	17.00000	684.916667	0.015686275
## 787	51.000000	62.00000	3120.211102	0.000563380
## 788	0.000000	12.00000	1178.666667	0.024242424
## 789	0.000000	3.00000	58.000000	0.000000000
## 790	321.666667	287.00000	12983.787710	0.000668896
## 791	0.000000	6.00000	139.000000	0.000000000
## 792	0.000000	6.00000	558.000000	0.000000000
## 793	26.000000	53.00000	893.511111	0.003571429
## 794	0.000000	5.00000	26.500000	0.040000000
## 795	0.000000	2.00000	0.000000	0.200000000
## 796	0.000000	3.00000	0.000000	0.200000000
## 797	0.000000	15.00000	708.533333	0.000000000
## 798	0.000000	8.00000	244.000000	0.025000000
## 799	0.000000	6.00000	130.000000	0.000000000
## 800	0.000000	41.00000	1282.500000	0.000000000
## 801	336.500000	42.00000	1981.016667	0.005660377
## 802	0.000000	8.00000	186.500000	0.000000000
## 803	0.000000	6.00000	119.000000	0.000000000
## 804	0.000000	22.00000	1310.500000	0.009523810
## 805	0.000000	4.00000	1111.000000	0.000000000

## 806	0.000000	18.00000	1066.500000	0.000000000
## 807	0.000000	4.00000	110.500000	0.000000000
## 808	0.000000	5.00000	36.000000	0.000000000
## 809	76.500000	22.00000	850.533333	0.004545455
## 810	0.000000	3.00000	16.000000	0.033333333
## 811	0.000000	5.00000	49.000000	0.000000000
## 812	0.000000	10.00000	214.250000	0.000000000
## 813	0.000000	3.00000	0.000000	0.200000000
## 814	0.000000	7.00000	141.833333	0.064285714
## 815	0.000000	5.00000	143.500000	0.000000000
## 816	0.000000	51.00000	5818.916667	0.000980392
## 817	50.000000	30.00000	1461.666667	0.000000000
## 818	0.000000	13.00000	123.000000	0.000000000
## 819	13.000000	66.00000	2049.458471	0.004489796
## 820	0.000000	11.00000	271.716667	0.000000000
## 821	20.000000	36.00000	1279.166667	0.000000000
## 822	0.000000	4.00000	0.000000	0.200000000
## 823	0.000000	4.00000	70.500000	0.050000000
## 824	0.000000	12.00000	231.181818	0.000000000
## 825	0.000000	36.00000	1567.966667	0.000000000
## 826	0.000000	8.00000	119.333333	0.015384615
## 827	0.000000	15.00000	605.885714	0.000000000
## 828	0.000000	35.00000	502.547619	0.010256410
## 829	0.000000	27.00000	808.700000	0.006896552
## 830	0.000000	3.00000	58.000000	0.000000000
## 831	0.000000	19.00000	494.500000	0.000000000
## 832	0.000000	6.00000	203.150000	0.000000000
## 833	0.000000	63.00000	1656.316667	0.004166667
## 834	0.000000	32.00000	1420.250000	0.006250000
## 835	1467.000000	26.00000	721.000000	0.000000000
## 836	13.000000	27.00000	1433.916667	0.000000000
## 837	0.000000	17.00000	478.833333	0.000000000
## 838	0.000000	7.00000	182.000000	0.028571429
## 839	450.000000	35.00000	1974.352381	0.004761905
## 840	0.000000	12.00000	223.583333	0.000000000
## 841	26.000000	15.00000	817.416667	0.026666667
## 842	0.000000	17.00000	750.166667	0.000000000
## 843	0.000000	2.00000	13.000000	0.100000000
## 844	384.000000	52.00000	4699.277778	0.007258065
## 845	0.000000	42.00000	1030.266667	0.000000000
## 846	90.000000	35.00000	776.019048	0.000000000
## 847	0.000000	3.00000	558.000000	0.000000000
## 848	0.000000	27.00000	520.333333	0.000000000
## 849	0.000000	8.00000	349.500000	0.000000000
## 850	0.000000	31.00000	754.500000	0.000000000
## 851	0.000000	13.00000	305.000000	0.000000000
## 852	0.000000	21.00000	399.851190	0.000000000
## 853	0.000000	6.00000	74.000000	0.000000000
## 854	0.000000	21.00000	696.666667	0.000000000
## 855	0.000000	3.00000	59.000000	0.000000000
## 856	0.000000	3.00000	50.000000	0.000000000
## 857	74.750000	84.00000	2756.215152	0.000000000
## 858	0.000000	12.00000	425.166667	0.000000000
## 859	0.000000	78.00000	1781.696970	0.003205128

## 860	0.000000	7.00000	296.166667	0.000000000
## 861	0.000000	1.00000	0.000000	0.200000000
## 862	0.000000	36.00000	1792.800000	0.000000000
## 863	0.000000	24.00000	515.575758	0.000000000
## 864	0.000000	35.00000	1334.551371	0.000000000
## 865	0.000000	6.00000	64.000000	0.100000000
## 866	102.000000	31.00000	624.583333	0.016216216
## 867	109.750000	41.00000	1284.663492	0.016326531
## 868	0.000000	10.00000	316.500000	0.000000000
## 869	0.000000	22.00000	925.833333	0.018181818
## 870	0.000000	7.00000	97.000000	0.057142857
## 871	0.000000	1.00000	28.000000	0.000000000
## 872	0.000000	40.00000	633.400000	0.002272727
## 873	0.000000	5.00000	436.500000	0.000000000
## 874	0.000000	137.00000	3909.368290	0.000000000
## 875	0.000000	3.00000	24.000000	0.000000000
## 876	0.000000	18.00000	915.166667	0.021052632
## 877	0.000000	5.00000	137.333333	0.000000000
## 878	0.000000	5.00000	95.000000	0.040000000
## 879	0.000000	24.00000	778.166667	0.000000000
## 880	47.000000	47.00000	1842.950000	0.000000000
## 881	0.000000	27.00000	1206.000000	0.016000000
## 882	0.000000	9.00000	324.500000	0.014814815
## 883	229.000000	38.00000	1054.944444	0.010869565
## 884	0.000000	12.00000	402.166667	0.041666667
## 885	0.000000	5.00000	388.000000	0.000000000
## 886	0.000000	1.00000	0.000000	0.200000000
## 887	0.000000	16.00000	352.000000	0.000000000
## 888	0.000000	11.00000	194.000000	0.000000000
## 889	0.000000	15.00000	751.800000	0.026666667
## 890	0.000000	9.00000	465.500000	0.006666667
## 891	0.000000	25.00000	585.000000	0.000000000
## 892	0.000000	10.00000	253.500000	0.000000000
## 893	84.500000	4.00000	46.500000	0.000000000
## 894	243.500000	43.00000	3065.945238	0.000000000
## 895	389.366667	57.00000	2099.930554	0.003333333
## 896	0.000000	2.00000	30.000000	0.000000000
## 897	0.000000	3.00000	52.000000	0.000000000
## 898	75.500000	4.00000	158.500000	0.000000000
## 899	0.000000	1.00000	0.000000	0.000000000
## 900	0.000000	9.00000	250.500000	0.000000000
## 901	0.000000	66.00000	3960.646154	0.002941176
## 902	0.000000	9.00000	280.000000	0.000000000
## 903	0.000000	13.00000	281.547619	0.003846154
## 904	0.000000	13.00000	2004.500000	0.028571429
## 905	0.000000	53.00000	967.210697	0.000892857
## 906	0.000000	6.00000	100.000000	0.000000000
## 907	158.000000	6.00000	73.214286	0.000000000
## 908	32.000000	20.00000	789.350000	0.000000000
## 909	0.000000	30.00000	1281.000000	0.006666667
## 910	44.500000	20.00000	1115.266667	0.000000000
## 911	92.000000	18.00000	341.291667	0.000000000
## 912	0.000000	113.00000	3000.666667	0.003478261
## 913	81.333333	29.00000	1715.687897	0.010909091

## 914	0.000000	8.00000	607.000000	0.037500000
## 915	0.000000	2.00000	31.000000	0.000000000
## 916	0.000000	16.00000	1027.657143	0.012500000
## 917	0.000000	1.00000	0.000000	0.200000000
## 918	0.000000	8.00000	196.500000	0.000000000
## 919	64.000000	30.00000	2284.687302	0.019354839
## 920	0.000000	49.00000	1503.490909	0.000000000
## 921	0.000000	1.00000	0.000000	0.200000000
## 922	0.000000	12.00000	271.333333	0.000000000
## 923	0.000000	6.00000	97.333333	0.000000000
## 924	0.000000	5.00000	161.333333	0.000000000
## 925	32.500000	7.00000	67.000000	0.000000000
## 926	0.000000	34.00000	1006.257576	0.000000000
## 927	0.000000	22.00000	869.900000	0.000000000
## 928	0.000000	19.00000	479.866667	0.000000000
## 929	0.000000	7.00000	229.500000	0.030000000
## 930	0.000000	1.00000	0.000000	0.200000000
## 931	0.000000	20.00000	606.000000	0.000000000
## 932	0.000000	39.00000	881.441667	0.004166667
## 933	0.000000	1.00000	0.000000	0.200000000
## 934	0.000000	8.00000	371.666667	0.000000000
## 935	0.000000	43.00000	2798.073810	0.000000000
## 936	0.000000	4.00000	12.000000	0.000000000
## 937	0.000000	42.00000	1185.666667	0.000000000
## 938	0.000000	2.00000	60.000000	0.000000000
## 939	0.000000	89.00000	6770.274267	0.006315789
## 940	0.000000	5.00000	337.250000	0.000000000
## 941	0.000000	13.00000	323.916667	0.000000000
## 942	242.055556	17.00000	1142.816919	0.006818182
## 943	0.000000	1.00000	0.000000	0.200000000
## 944	0.000000	4.00000	148.500000	0.050000000
## 945	0.000000	11.00000	207.000000	0.000000000
## 946	0.000000	2.00000	11.000000	0.000000000
## 947	0.000000	6.00000	53.000000	0.000000000
## 948	0.000000	9.00000	354.000000	0.000000000
## 949	0.000000	10.00000	277.142857	0.000000000
## 950	0.000000	17.00000	411.625000	0.000000000
## 951	0.000000	16.00000	392.142857	0.006250000
## 952	0.000000	68.00000	3135.517677	0.003361345
## 953	52.250000	55.00000	1127.288305	0.003125000
## 954	0.000000	25.00000	954.470238	0.000000000
## 955	0.000000	33.00000	3506.166667	0.000000000
## 956	0.000000	19.00000	370.380952	0.000000000
## 957	0.000000	3.00000	50.000000	0.000000000
## 958	0.000000	9.00000	139.250000	0.015384615
## 959	0.000000	15.00000	270.500000	0.000000000
## 960	0.000000	9.00000	321.000000	0.033333333
## 961	0.000000	3.00000	64.750000	0.000000000
## 962	0.000000	4.00000	26.500000	0.000000000
## 963	0.000000	14.00000	927.277778	0.000000000
## 964	0.000000	7.00000	141.166667	0.000000000
## 965	369.000000	90.00000	7221.000000	0.001030928
## 966	0.000000	12.00000	218.500000	0.000000000
## 967	0.000000	12.00000	262.500000	0.028571429

## 968	0.000000	17.00000	469.416667	0.000000000
## 969	0.000000	27.00000	1240.916667	0.000000000
## 970	0.000000	5.00000	143.500000	0.000000000
## 971	0.000000	7.00000	101.000000	0.028571429
## 972	0.000000	5.00000	62.500000	0.022222222
## 973	0.000000	6.00000	156.000000	0.000000000
## 974	0.000000	6.00000	104.000000	0.000000000
## 975	0.000000	15.00000	1349.000000	0.000000000
## 976	0.000000	11.00000	331.250000	0.016666667
## 977	0.000000	8.00000	301.500000	0.000000000
## 978	0.000000	8.00000	157.571429	0.000000000
## 979	0.000000	1.00000	0.000000	0.200000000
## 980	0.000000	19.00000	224.958333	0.000000000
## 981	0.000000	39.00000	1152.500000	0.011965812
## 982	3.000000	61.00000	2292.679762	0.000000000
## 983	0.000000	9.00000	329.000000	0.022222222
## 984	0.000000	8.00000	111.666667	0.000000000
## 985	0.000000	15.00000	1074.428571	0.015384615
## 986	0.000000	32.00000	1080.047619	0.000000000
## 987	0.000000	23.00000	666.946429	0.007692308
## 988	0.000000	14.00000	239.000000	0.000000000
## 989	0.000000	14.00000	279.900000	0.000000000
## 990	0.000000	1.00000	0.000000	0.200000000
## 991	0.000000	15.00000	1674.000000	0.000000000
## 992	0.000000	3.00000	15.000000	0.000000000
## 993	0.000000	22.00000	480.966667	0.004848485
## 994	0.000000	3.00000	62.000000	0.000000000
## 995	0.000000	23.00000	1841.171429	0.000000000
## 996	0.000000	2.00000	37.500000	0.000000000
## 997	0.000000	11.00000	131.300000	0.000000000
## 998	0.000000	2.00000	92.000000	0.000000000
## 999	0.000000	3.00000	78.333333	0.000000000
## 1000	0.000000	7.00000	114.600000	0.028571429
## 1001	0.000000	18.00000	671.000000	0.000000000
## 1002	0.000000	11.00000	624.000000	0.000000000
## 1003	123.333333	34.00000	448.750000	0.021621622
## 1004	0.000000	4.00000	35.000000	0.000000000
## 1005	0.000000	7.00000	79.500000	0.000000000
## 1006	0.000000	10.00000	189.500000	0.000000000
## 1007	0.000000	15.00000	2190.666667	0.000000000
## 1008	0.000000	2.00000	0.000000	0.200000000
## 1009	0.000000	2.00000	0.000000	0.200000000
## 1010	0.000000	5.00000	672.500000	0.000000000
## 1011	0.000000	67.00000	2502.816667	0.006060606
## 1012	281.500000	83.00000	1778.125214	0.007967033
## 1013	0.000000	4.00000	49.500000	0.050000000
## 1014	0.000000	12.00000	261.000000	0.033333333
## 1015	0.000000	12.00000	663.500000	0.000000000
## 1016	0.000000	16.00000	284.900000	0.003333333
## 1017	0.000000	7.00000	236.000000	0.057142857
## 1018	0.000000	19.00000	576.083333	0.009090909
## 1019	0.000000	3.00000	77.000000	0.000000000
## 1020	0.000000	3.00000	79.000000	0.066666667
## 1021	710.000000	66.00000	4566.952839	0.006470588

## 1022	125.500000	65.00000	8646.000000	0.000000000
## 1023	0.000000	17.00000	600.500000	0.000000000
## 1024	0.000000	21.00000	434.500000	0.000000000
## 1025	0.000000	35.00000	499.400000	0.011764706
## 1026	87.000000	50.00000	1694.797619	0.008928571
## 1027	0.000000	7.00000	181.500000	0.000000000
## 1028	0.000000	54.00000	1306.151974	0.003508772
## 1029	0.000000	6.00000	75.000000	0.000000000
## 1030	0.000000	6.00000	61.000000	0.000000000
## 1031	0.000000	12.00000	1165.333333	0.004166667
## 1032	0.000000	1.00000	0.000000	0.200000000
## 1033	0.000000	6.00000	70.833333	0.000000000
## 1034	0.000000	31.00000	649.307143	0.000000000
## 1035	61.000000	49.00000	1647.152381	0.000000000
## 1036	63.000000	60.00000	3135.442572	0.001666667
## 1037	0.000000	9.00000	181.333333	0.029629630
## 1038	0.000000	9.00000	159.000000	0.000000000
## 1039	0.000000	8.00000	465.833333	0.000000000
## 1040	0.000000	3.00000	112.000000	0.066666667
## 1041	0.000000	40.00000	952.966667	0.001666667
## 1042	0.000000	8.00000	372.833333	0.000000000
## 1043	0.000000	14.00000	327.000000	0.000000000
## 1044	0.000000	1.00000	0.000000	0.200000000
## 1045	0.000000	6.00000	1057.000000	0.000000000
## 1046	0.000000	3.00000	12.000000	0.000000000
## 1047	0.000000	1.00000	36.000000	0.000000000
## 1048	0.000000	30.00000	2264.333333	0.000000000
## 1049	0.000000	28.00000	866.000000	0.000000000
## 1050	34.506387	31.76388	31.763884	0.022152462
## 1051	0.000000	17.00000	701.542424	0.013333333
## 1052	0.000000	20.00000	979.083333	0.000000000
## 1053	0.000000	28.00000	324.769231	0.000000000
## 1054	94.500000	47.00000	1682.870247	0.001333333
## 1055	0.000000	9.00000	210.000000	0.044444444
## 1056	0.000000	20.00000	332.000000	0.030000000
## 1057	0.000000	13.00000	1610.916667	0.000000000
## 1058	0.000000	50.00000	1188.566667	0.007843137
## 1059	0.000000	3.00000	98.000000	0.000000000
## 1060	36.333333	38.00000	1663.683333	0.005405405
## 1061	0.000000	39.00000	930.300000	0.001190476
## 1062	0.000000	21.00000	1003.000000	0.000000000
## 1063	0.000000	3.00000	69.000000	0.000000000
## 1064	0.000000	27.00000	1199.725758	0.007407407
## 1065	0.000000	34.00000	1524.058333	0.019393939
## 1066	45.000000	11.00000	624.000000	0.015384615
## 1067	0.000000	37.00000	1229.766667	0.005405405
## 1068	0.000000	13.00000	972.600000	0.000000000
## 1069	0.000000	17.00000	438.433333	0.003030303
## 1070	0.000000	10.00000	270.000000	0.000000000
## 1071	0.000000	3.00000	333.000000	0.000000000
## 1072	0.000000	20.00000	504.233333	0.010000000
## 1073	0.000000	27.00000	845.500000	0.000000000
## 1074	237.000000	16.00000	744.500000	0.013333333
## 1075	0.000000	21.00000	1129.000000	0.009523810

## 1076	0.000000	8.00000	358.000000 0.000000000
## 1077	0.000000	24.00000	832.000000 0.000000000
## 1078	0.000000	4.00000	36.500000 0.000000000
## 1079	0.000000	7.00000	157.000000 0.000000000
## 1080	0.000000	9.00000	71.333333 0.000000000
## 1081	138.500000	11.00000	227.500000 0.000000000
## 1082	56.000000	22.00000	1054.309524 0.004761905
## 1083	0.000000	6.00000	308.166667 0.083333333
## 1084	0.000000	10.00000	229.250000 0.000000000
## 1085	29.000000	9.00000	225.833333 0.000000000
## 1086	26.000000	22.00000	326.583333 0.018181818
## 1087	8.000000	104.00000	3486.690476 0.003301887
## 1088	0.000000	8.00000	863.333333 0.000000000
## 1089	0.000000	1.00000	67.000000 0.100000000
## 1090	171.500000	54.00000	1405.131241 0.000000000
## 1091	61.000000	23.00000	1031.704762 0.000000000
## 1092	0.000000	24.00000	917.083333 0.008333333
## 1093	0.000000	19.00000	573.657143 0.036842105
## 1094	0.000000	5.00000	94.500000 0.000000000
## 1095	0.000000	13.00000	238.166667 0.000000000
## 1096	0.000000	3.00000	164.000000 0.000000000
## 1097	14.000000	31.00000	750.590476 0.007407407
## 1098	0.000000	19.00000	1834.083333 0.020000000
## 1099	0.000000	19.00000	606.833333 0.031578947
## 1100	300.000000	13.00000	509.121429 0.006666667
## 1101	0.000000	2.00000	19.000000 0.000000000
## 1102	0.000000	61.00000	5900.351378 0.000000000
## 1103	0.000000	1.00000	0.000000 0.200000000
## 1104	0.000000	13.00000	449.333333 0.006153846
## 1105	0.000000	12.00000	200.000000 0.000000000
## 1106	0.000000	16.00000	946.166667 0.000000000
## 1107	0.000000	2.00000	0.000000 0.200000000
## 1108	0.000000	3.00000	514.000000 0.000000000
## 1109	0.000000	5.00000	64.000000 0.000000000
## 1110	0.000000	2.00000	210.000000 0.000000000
## 1111	0.000000	12.00000	1180.500000 0.000000000
## 1112	0.000000	9.00000	771.500000 0.022222222
## 1113	0.000000	37.00000	1096.750000 0.000000000
## 1114	0.000000	5.00000	381.666667 0.000000000
## 1115	127.000000	55.00000	1509.594444 0.006451613
## 1116	34.506387	31.76388	31.763884 0.022152462
## 1117	34.506387	31.76388	31.763884 0.022152462
## 1118	34.506387	31.76388	31.763884 0.022152462
## 1119	34.506387	31.76388	31.763884 0.022152462
## 1120	0.000000	18.00000	1181.198413 0.000000000
## 1121	0.000000	17.00000	1394.666667 0.000000000
## 1122	0.000000	8.00000	326.000000 0.000000000
## 1123	0.000000	9.00000	459.830769 0.000000000
## 1124	278.000000	3.00000	162.000000 0.000000000
## 1125	0.000000	1.00000	0.000000 0.200000000
## 1126	0.000000	1.00000	0.000000 0.200000000
## 1127	0.000000	37.00000	2043.500000 0.005555556
## 1128	0.000000	24.00000	663.466667 0.002564103
## 1129	0.000000	129.00000	7669.250794 0.000000000

## 1130	0.000000	12.00000	115.166667	0.028571429
## 1131	0.000000	11.00000	296.450000	0.000000000
## 1132	0.000000	56.00000	2633.869048	0.003703704
## 1133	0.000000	19.00000	392.000000	0.021052632
## 1134	0.000000	13.00000	748.666667	0.000000000
## 1135	0.000000	18.00000	834.666667	0.004761905
## 1136	0.000000	2.00000	5.000000	0.000000000
## 1137	0.000000	1.00000	0.000000	0.200000000
## 1138	0.000000	3.00000	11.000000	0.050000000
## 1139	37.000000	15.00000	497.333333	0.012500000
## 1140	0.000000	28.00000	631.989682	0.017647059
## 1141	0.000000	11.00000	315.600000	0.000000000
## 1142	0.000000	14.00000	183.333333	0.000000000
## 1143	0.000000	8.00000	192.166667	0.000000000
## 1144	0.000000	16.00000	1296.600000	0.022222222
## 1145	0.000000	3.00000	17.000000	0.100000000
## 1146	41.000000	13.00000	698.000000	0.000000000
## 1147	0.000000	17.00000	1093.142857	0.000000000
## 1148	0.000000	9.00000	2397.500000	0.000000000
## 1149	0.000000	3.00000	56.000000	0.000000000
## 1150	62.000000	11.00000	196.200000	0.000000000
## 1151	0.000000	3.00000	39.666667	0.000000000
## 1152	0.000000	1.00000	0.000000	0.200000000
## 1153	42.000000	20.00000	408.333333	0.000000000
## 1154	0.000000	2.00000	0.000000	0.200000000
## 1155	0.000000	29.00000	906.566667	0.000000000
## 1156	0.000000	4.00000	149.000000	0.000000000
## 1157	0.000000	30.00000	1224.750000	0.000000000
## 1158	17.666667	18.00000	1262.000000	0.000000000
## 1159	0.000000	12.00000	207.000000	0.000000000
## 1160	0.000000	7.00000	115.666667	0.000000000
## 1161	0.000000	1.00000	0.000000	0.200000000
## 1162	0.000000	3.00000	321.500000	0.050000000
## 1163	0.000000	63.00000	3552.702381	0.000000000
## 1164	0.000000	19.00000	716.357143	0.004761905
## 1165	0.000000	12.00000	343.000000	0.019444444
## 1166	24.000000	56.00000	3763.166667	0.003389831
## 1167	0.000000	7.00000	272.500000	0.000000000
## 1168	0.000000	3.00000	81.000000	0.000000000
## 1169	0.000000	17.00000	1883.827222	0.000751880
## 1170	0.000000	7.00000	251.666667	0.028571429
## 1171	0.000000	7.00000	1413.333333	0.036000000
## 1172	0.000000	3.00000	79.500000	0.000000000
## 1173	0.000000	6.00000	83.000000	0.000000000
## 1174	0.000000	17.00000	584.500000	0.000000000
## 1175	0.000000	30.00000	940.833333	0.012121212
## 1176	0.000000	20.00000	791.666667	0.011111111
## 1177	0.000000	77.00000	4346.541667	0.003070175
## 1178	0.000000	5.00000	50.500000	0.000000000
## 1179	0.000000	6.00000	74.000000	0.000000000
## 1180	0.000000	8.00000	83.000000	0.057142857
## 1181	0.000000	68.00000	2593.741667	0.002941176
## 1182	0.000000	6.00000	59.000000	0.000000000
## 1183	219.000000	53.00000	1518.761111	0.007272727

## 1184	0.000000	6.00000	62.000000	0.000000000
## 1185	0.000000	30.00000	365.400000	0.027586207
## 1186	0.000000	7.00000	50.500000	0.000000000
## 1187	0.000000	12.00000	468.000000	0.016666667
## 1188	0.000000	23.00000	7533.272727	0.000000000
## 1189	0.000000	35.00000	1059.000000	0.000000000
## 1190	0.000000	5.00000	52.000000	0.000000000
## 1191	0.000000	6.00000	892.000000	0.000000000
## 1192	0.000000	9.00000	430.500000	0.000000000
## 1193	0.000000	17.00000	132.633333	0.011764706
## 1194	0.000000	14.00000	363.318182	0.014285714
## 1195	0.000000	3.00000	73.000000	0.000000000
## 1196	0.000000	8.00000	612.000000	0.000000000
## 1197	388.666667	33.00000	595.009524	0.000000000
## 1198	0.000000	6.00000	495.000000	0.000000000
## 1199	0.000000	4.00000	49.500000	0.000000000
## 1200	109.000000	47.00000	1813.208333	0.000000000
## 1201	0.000000	9.00000	218.000000	0.000000000
## 1202	0.000000	4.00000	102.000000	0.000000000
## 1203	0.000000	23.00000	1278.090909	0.000000000
## 1204	0.000000	3.00000	25.000000	0.000000000
## 1205	445.000000	38.00000	996.516667	0.000854701
## 1206	0.000000	6.00000	69.500000	0.000000000
## 1207	0.000000	40.00000	1530.248485	0.005128205
## 1208	0.000000	43.00000	2595.280952	0.009090909
## 1209	0.000000	12.00000	471.500000	0.016666667
## 1210	0.000000	54.00000	923.675735	0.000000000
## 1211	0.000000	10.00000	153.000000	0.020000000
## 1212	0.000000	48.00000	3946.008333	0.007272727
## 1213	0.000000	26.00000	648.400000	0.000000000
## 1214	0.000000	5.00000	56.000000	0.040000000
## 1215	0.000000	1.00000	0.000000	0.200000000
## 1216	0.000000	21.00000	263.000000	0.009523810
## 1217	0.000000	6.00000	193.000000	0.000000000
## 1218	0.000000	3.00000	38.000000	0.100000000
## 1219	0.000000	8.00000	116.000000	0.025000000
## 1220	0.000000	33.00000	1077.869048	0.001562500
## 1221	0.000000	5.00000	266.333333	0.040000000
## 1222	0.000000	3.00000	17.000000	0.000000000
## 1223	0.000000	3.00000	67.500000	0.000000000
## 1224	0.000000	28.00000	499.666667	0.000000000
## 1225	0.000000	7.00000	286.000000	0.025000000
## 1226	0.000000	8.00000	112.728571	0.000000000
## 1227	0.000000	24.00000	1571.000000	0.000000000
## 1228	0.000000	11.00000	241.000000	0.000000000
## 1229	0.000000	11.00000	187.000000	0.031818182
## 1230	338.000000	11.00000	451.000000	0.000000000
## 1231	0.000000	42.00000	1741.483333	0.000000000
## 1232	80.500000	46.00000	838.683333	0.000000000
## 1233	53.000000	22.00000	406.000000	0.002564103
## 1234	0.000000	18.00000	437.187500	0.011111111
## 1235	0.000000	28.00000	898.500000	0.000000000
## 1236	0.000000	19.00000	215.750000	0.000000000
## 1237	0.000000	20.00000	266.583333	0.011111111

## 1238	0.000000	6.00000	546.000000	0.000000000
## 1239	0.000000	16.00000	2156.000000	0.018750000
## 1240	0.000000	17.00000	557.166667	0.023529412
## 1241	35.000000	19.00000	461.050000	0.016666667
## 1242	0.000000	18.00000	1473.333333	0.011111111
## 1243	0.000000	13.00000	474.833333	0.000000000
## 1244	0.000000	1.00000	0.000000	0.200000000
## 1245	0.000000	6.00000	212.000000	0.026666667
## 1246	0.000000	11.00000	500.000000	0.000000000
## 1247	56.000000	10.00000	369.000000	0.000000000
## 1248	0.000000	5.00000	136.666667	0.020000000
## 1249	0.000000	10.00000	243.200000	0.020000000
## 1250	0.000000	12.00000	459.000000	0.000000000
## 1251	105.666667	6.00000	441.466667	0.000000000
## 1252	308.000000	6.00000	328.000000	0.000000000
## 1253	0.000000	3.00000	36.000000	0.000000000
## 1254	0.000000	20.00000	518.666667	0.000000000
## 1255	33.000000	26.00000	631.458333	0.000000000
## 1256	0.000000	16.00000	1849.833333	0.000000000
## 1257	0.000000	8.00000	436.000000	0.000000000
## 1258	0.000000	5.00000	132.000000	0.000000000
## 1259	0.000000	35.00000	850.333333	0.000000000
## 1260	32.000000	17.00000	457.795727	0.007258065
## 1261	0.000000	5.00000	143.000000	0.000000000
## 1262	0.000000	59.00000	3224.819084	0.002985075
## 1263	0.000000	24.00000	1038.845238	0.000000000
## 1264	0.000000	1.00000	0.000000	0.200000000
## 1265	0.000000	6.00000	216.000000	0.000000000
## 1266	0.000000	20.00000	363.666667	0.010000000
## 1267	0.000000	17.00000	1314.250000	0.045833333
## 1268	0.000000	5.00000	146.000000	0.146666667
## 1269	0.000000	8.00000	228.000000	0.000000000
## 1270	0.000000	11.00000	419.750000	0.000000000
## 1271	0.000000	15.00000	270.000000	0.028571429
## 1272	0.000000	32.00000	395.222222	0.006060606
## 1273	0.000000	4.00000	9.000000	0.100000000
## 1274	0.000000	17.00000	945.010870	0.006334842
## 1275	0.000000	3.00000	90.000000	0.000000000
## 1276	55.000000	9.00000	936.833333	0.000000000
## 1277	0.000000	3.00000	8.000000	0.000000000
## 1278	0.000000	20.00000	447.500000	0.020000000
## 1279	73.000000	16.00000	416.400000	0.000000000
## 1280	0.000000	36.00000	1051.248276	0.000000000
## 1281	0.000000	10.00000	1218.000000	0.000000000
## 1282	0.000000	15.00000	756.333333	0.012500000
## 1283	0.000000	5.00000	210.000000	0.120000000
## 1284	0.000000	24.00000	427.083333	0.026388889
## 1285	0.000000	2.00000	31.000000	0.000000000
## 1286	0.000000	4.00000	388.000000	0.050000000
## 1287	0.000000	4.00000	151.500000	0.000000000
## 1288	0.000000	36.00000	1387.606061	0.005263158
## 1289	0.000000	30.00000	1418.000000	0.000000000
## 1290	0.000000	25.00000	437.222222	0.028571429
## 1291	0.000000	14.00000	411.500000	0.000000000

## 1292	0.000000	13.00000	142.000000	0.000000000
## 1293	28.000000	13.00000	474.666667	0.000000000
## 1294	0.000000	20.00000	1415.625000	0.012698413
## 1295	0.000000	1.00000	0.000000	0.000000000
## 1296	0.000000	30.00000	1448.752381	0.006060606
## 1297	0.000000	3.00000	96.500000	0.000000000
## 1298	209.000000	17.00000	2777.666667	0.000000000
## 1299	0.000000	12.00000	1436.500000	0.000000000
## 1300	0.000000	8.00000	224.000000	0.000000000
## 1301	7.000000	46.00000	3087.000000	0.003773585
## 1302	58.000000	71.00000	3424.583333	0.001315789
## 1303	46.000000	9.00000	546.000000	0.000000000
## 1304	0.000000	43.00000	1418.500000	0.000000000
## 1305	0.000000	8.00000	423.000000	0.000000000
## 1306	21.000000	20.00000	651.400000	0.000000000
## 1307	0.000000	6.00000	249.500000	0.000000000
## 1308	0.000000	11.00000	337.000000	0.045454545
## 1309	0.000000	1.00000	0.000000	0.200000000
## 1310	0.000000	26.00000	1377.769697	0.000000000
## 1311	83.000000	16.00000	223.000000	0.000000000
## 1312	373.000000	6.00000	66.833333	0.000000000
## 1313	0.000000	4.00000	957.000000	0.161904762
## 1314	0.000000	2.00000	135.000000	0.000000000
## 1315	0.000000	36.00000	1166.726190	0.000000000
## 1316	139.000000	80.00000	4099.737392	0.004117063
## 1317	0.000000	4.00000	31.000000	0.000000000
## 1318	101.000000	12.00000	205.976191	0.015384615
## 1319	141.000000	25.00000	1644.000000	0.002150538
## 1320	0.000000	4.00000	268.000000	0.000000000
## 1321	0.000000	8.00000	158.500000	0.000000000
## 1322	0.000000	11.00000	298.000000	0.000000000
## 1323	186.000000	31.00000	2905.943651	0.000000000
## 1324	0.000000	41.00000	419.000000	0.013008130
## 1325	0.000000	5.00000	279.000000	0.000000000
## 1326	0.000000	43.00000	1286.688889	0.004545455
## 1327	0.000000	49.00000	1616.083333	0.004000000
## 1328	416.000000	21.00000	2755.670940	0.004545455
## 1329	0.000000	26.00000	655.783333	0.003846154
## 1330	0.000000	20.00000	917.350000	0.000000000
## 1331	0.000000	12.00000	353.000000	0.000000000
## 1332	0.000000	2.00000	27.000000	0.000000000
## 1333	0.000000	12.00000	286.000000	0.000000000
## 1334	0.000000	6.00000	835.833333	0.033333333
## 1335	23.500000	18.00000	338.127273	0.000000000
## 1336	0.000000	2.00000	22.000000	0.000000000
## 1337	9.500000	20.00000	1572.571429	0.000000000
## 1338	16.000000	21.00000	1321.059195	0.009032258
## 1339	0.000000	2.00000	0.000000	0.200000000
## 1340	0.000000	2.00000	187.000000	0.100000000
## 1341	0.000000	19.00000	502.458333	0.000000000
## 1342	0.000000	20.00000	1424.928571	0.010000000
## 1343	845.000000	82.00000	2448.784448	0.000374532
## 1344	0.000000	32.00000	1480.666667	0.000000000
## 1345	0.000000	6.00000	25.500000	0.066666667

## 1346	0.000000	5.00000	236.000000 0.000000000
## 1347	0.000000	50.00000	952.434524 0.000000000
## 1348	0.000000	5.00000	182.000000 0.000000000
## 1349	0.000000	24.00000	854.333333 0.000000000
## 1350	0.000000	3.00000	39.000000 0.000000000
## 1351	0.000000	15.00000	1332.833333 0.014285714
## 1352	0.000000	16.00000	467.916667 0.011111111
## 1353	0.000000	25.00000	674.250000 0.000000000
## 1354	0.000000	50.00000	2207.391667 0.001724138
## 1355	0.000000	10.00000	300.000000 0.000000000
## 1356	0.000000	6.00000	177.500000 0.033333333
## 1357	0.000000	34.00000	311.500000 0.000000000
## 1358	0.000000	15.00000	486.516667 0.000000000
## 1359	255.000000	15.00000	1418.250000 0.000000000
## 1360	0.000000	10.00000	391.850000 0.018055556
## 1361	0.000000	10.00000	142.666667 0.000000000
## 1362	0.000000	53.00000	1659.319697 0.000000000
## 1363	0.000000	1.00000	0.000000 0.200000000
## 1364	0.000000	59.00000	1560.601163 0.005172414
## 1365	0.000000	65.00000	1451.227362 0.003030303
## 1366	0.000000	21.00000	2588.958333 0.000000000
## 1367	0.000000	3.00000	80.000000 0.000000000
## 1368	0.000000	1.00000	0.000000 0.200000000
## 1369	0.000000	31.00000	496.583333 0.005405405
## 1370	0.000000	21.00000	678.273809 0.000000000
## 1371	0.000000	4.00000	55.000000 0.000000000
## 1372	0.000000	4.00000	34.000000 0.100000000
## 1373	0.000000	8.00000	163.000000 0.000000000
## 1374	0.000000	7.00000	286.500000 0.000000000
## 1375	0.000000	20.00000	1395.258333 0.000000000
## 1376	0.000000	10.00000	90.000000 0.000000000
## 1377	0.000000	5.00000	142.000000 0.000000000
## 1378	0.000000	9.00000	416.666667 0.000000000
## 1379	208.500000	12.00000	413.800000 0.000000000
## 1380	0.000000	2.00000	403.000000 0.100000000
## 1381	0.000000	6.00000	106.000000 0.100000000
## 1382	41.000000	16.00000	515.000000 0.000000000
## 1383	0.000000	26.00000	392.000000 0.007692308
## 1384	0.000000	1.00000	0.000000 0.200000000
## 1385	0.000000	25.00000	1720.000000 0.000000000
## 1386	0.000000	8.00000	226.500000 0.000000000
## 1387	0.000000	10.00000	130.166667 0.055555556
## 1388	0.000000	14.00000	192.933333 0.000000000
## 1389	0.000000	20.00000	745.333333 0.009523810
## 1390	0.000000	5.00000	97.000000 0.000000000
## 1391	0.000000	4.00000	233.000000 0.050000000
## 1392	0.000000	20.00000	1409.809524 0.008695652
## 1393	0.000000	12.00000	448.500000 0.000000000
## 1394	0.000000	6.00000	73.750000 0.033333333
## 1395	20.500000	10.00000	386.150000 0.000000000
## 1396	0.000000	16.00000	638.833333 0.000000000
## 1397	0.000000	17.00000	489.583333 0.000000000
## 1398	0.000000	23.00000	660.816667 0.000000000
## 1399	67.000000	44.00000	1489.144444 0.004081633

## 1400	0.000000	20.00000	2270.833333	0.000000000
## 1401	0.000000	12.00000	121.000000	0.028571429
## 1402	0.000000	15.00000	296.000000	0.000000000
## 1403	0.000000	0.00000	0.000000	0.000000000
## 1404	0.000000	12.00000	481.833333	0.000000000
## 1405	0.000000	13.00000	309.933333	0.000000000
## 1406	0.000000	7.00000	55.000000	0.057142857
## 1407	0.000000	14.00000	851.000000	0.000000000
## 1408	0.000000	3.00000	55.000000	0.066666667
## 1409	0.000000	7.00000	88.333333	0.000000000
## 1410	0.000000	25.00000	893.100000	0.000000000
## 1411	0.000000	12.00000	526.333333	0.022222222
## 1412	0.000000	26.00000	535.345960	0.007407407
## 1413	0.000000	18.00000	884.633333	0.021052632
## 1414	0.000000	2.00000	24.000000	0.000000000
## 1415	100.000000	22.00000	2175.993651	0.010000000
## 1416	0.000000	8.00000	57.000000	0.000000000
## 1417	0.000000	28.00000	1028.116667	0.000000000
## 1418	0.000000	4.00000	93.000000	0.000000000
## 1419	291.500000	35.00000	1373.464719	0.001550388
## 1420	0.000000	34.00000	991.367857	0.005263158
## 1421	0.000000	1.00000	1.000000	0.000000000
## 1422	0.000000	7.00000	147.250000	0.028571429
## 1423	0.000000	2.00000	0.000000	0.200000000
## 1424	0.000000	9.00000	1225.500000	0.022222222
## 1425	0.000000	3.00000	183.000000	0.000000000
## 1426	0.000000	10.00000	250.800000	0.000000000
## 1427	105.000000	9.00000	148.250000	0.020000000
## 1428	70.000000	16.00000	504.083333	0.005714286
## 1429	0.000000	43.00000	1650.416667	0.000000000
## 1430	0.000000	28.00000	2743.216667	0.020689655
## 1431	0.000000	37.00000	1288.533333	0.005263158
## 1432	0.000000	15.00000	447.500000	0.030000000
## 1433	7.000000	41.00000	1663.761905	0.004347826
## 1434	0.000000	22.00000	1165.583333	0.000000000
## 1435	0.000000	3.00000	17.000000	0.000000000
## 1436	60.500000	46.00000	1038.916667	0.021276596
## 1437	0.000000	12.00000	249.500000	0.005555556
## 1438	34.000000	17.00000	1302.500000	0.000000000
## 1439	0.000000	10.00000	172.500000	0.010000000
## 1440	0.000000	50.00000	925.947619	0.000000000
## 1441	58.166667	38.00000	1524.702381	0.000000000
## 1442	0.000000	13.00000	288.000000	0.012500000
## 1443	34.506387	31.76388	31.763884	0.022152462
## 1444	34.506387	31.76388	31.763884	0.022152462
## 1445	34.506387	31.76388	31.763884	0.022152462
## 1446	34.506387	31.76388	31.763884	0.022152462
## 1447	0.000000	13.00000	1476.300000	0.007692308
## 1448	0.000000	9.00000	685.000000	0.000000000
## 1449	0.000000	74.00000	2396.690316	0.002699055
## 1450	0.000000	7.00000	451.833333	0.028571429
## 1451	0.000000	25.00000	1512.523810	0.000000000
## 1452	0.000000	14.00000	306.500000	0.000000000
## 1453	0.000000	5.00000	62.000000	0.120000000

## 1454	0.000000	48.00000	3332.293511	0.000000000
## 1455	0.000000	22.00000	2815.416667	0.000000000
## 1456	0.000000	13.00000	956.500000	0.000000000
## 1457	0.000000	37.00000	1500.422543	0.014634146
## 1458	0.000000	20.00000	2271.000000	0.000000000
## 1459	0.000000	8.00000	588.166667	0.000000000
## 1460	0.000000	27.00000	1212.809524	0.000000000
## 1461	0.000000	23.00000	792.722222	0.000000000
## 1462	21.000000	25.00000	439.523810	0.000000000
## 1463	0.000000	2.00000	5.000000	0.000000000
## 1464	0.000000	22.00000	525.266667	0.000000000
## 1465	0.000000	40.00000	1337.842794	0.008695652
## 1466	62.000000	43.00000	1770.625000	0.004255319
## 1467	0.000000	27.00000	1084.500000	0.000000000
## 1468	0.000000	1.00000	0.000000	0.200000000
## 1469	0.000000	93.00000	4261.842857	0.002930403
## 1470	0.000000	29.00000	527.208333	0.000000000
## 1471	0.000000	4.00000	0.000000	0.200000000
## 1472	0.000000	7.00000	110.000000	0.057142857
## 1473	0.000000	15.00000	1733.666667	0.000000000
## 1474	0.000000	12.00000	306.000000	0.000000000
## 1475	0.000000	2.00000	62.000000	0.000000000
## 1476	0.000000	2.00000	5.000000	0.000000000
## 1477	0.000000	14.00000	198.522150	0.001230769
## 1478	0.000000	17.00000	504.000000	0.000000000
## 1479	625.500000	34.00000	1588.666667	0.000000000
## 1480	0.000000	7.00000	381.500000	0.000000000
## 1481	0.000000	42.00000	1173.070000	0.000000000
## 1482	0.000000	33.00000	878.623809	0.000000000
## 1483	0.000000	35.00000	1928.000000	0.008333333
## 1484	0.000000	5.00000	83.000000	0.040000000
## 1485	278.166667	76.00000	2735.728571	0.002439024
## 1486	239.000000	14.00000	337.500000	0.000000000
## 1487	0.000000	1.00000	0.000000	0.200000000
## 1488	319.300000	72.00000	4163.797619	0.000297619
## 1489	65.000000	15.00000	1728.321429	0.014285714
## 1490	0.000000	6.00000	255.000000	0.000000000
## 1491	0.000000	13.00000	449.600000	0.000000000
## 1492	0.000000	11.00000	243.666667	0.000000000
## 1493	0.000000	33.00000	2760.716667	0.038596491
## 1494	0.000000	42.00000	1503.250000	0.001550388
## 1495	0.000000	10.00000	591.166667	0.020000000
## 1496	0.000000	12.00000	402.500000	0.000000000
## 1497	17.000000	33.00000	1540.583333	0.000000000
## 1498	0.000000	28.00000	1561.083333	0.010000000
## 1499	0.000000	15.00000	1330.300000	0.000000000
## 1500	0.000000	2.00000	42.000000	0.000000000
## 1501	0.000000	5.00000	360.750000	0.000000000
## 1502	0.000000	15.00000	245.500000	0.014285714
## 1503	0.000000	4.00000	7.000000	0.000000000
## 1504	0.000000	15.00000	608.416667	0.000000000
## 1505	0.000000	18.00000	708.250000	0.000000000
## 1506	0.000000	7.00000	157.500000	0.000000000
## 1507	0.000000	33.00000	1123.242857	0.006060606

## 1508	0.000000	19.00000	926.633333	0.011111111
## 1509	0.000000	39.00000	2808.666667	0.000000000
## 1510	0.000000	26.00000	1685.266667	0.007692308
## 1511	0.000000	69.00000	2124.726768	0.002898551
## 1512	0.000000	38.00000	1272.916667	0.004878049
## 1513	0.000000	30.00000	474.500000	0.000000000
## 1514	0.000000	7.00000	180.333333	0.000000000
## 1515	0.000000	43.00000	1607.297619	0.002272727
## 1516	0.000000	8.00000	60.000000	0.000000000
## 1517	52.333333	6.00000	126.666667	0.000000000
## 1518	0.000000	7.00000	865.277778	0.000000000
## 1519	0.000000	49.00000	2612.357143	0.000000000
## 1520	0.000000	22.00000	850.208333	0.000000000
## 1521	0.000000	13.00000	556.666667	0.000000000
## 1522	0.000000	9.00000	186.700000	0.000000000
## 1523	853.750000	194.00000	6737.271825	0.000123762
## 1524	0.000000	24.00000	1762.250000	0.008333333
## 1525	222.000000	140.00000	8961.407671	0.001379310
## 1526	0.000000	14.00000	128.000000	0.000000000
## 1527	0.000000	8.00000	213.500000	0.000000000
## 1528	0.000000	21.00000	849.883333	0.012698413
## 1529	0.000000	1.00000	0.000000	0.200000000
## 1530	0.000000	13.00000	77.000000	0.014285714
## 1531	0.000000	2.00000	73.000000	0.050000000
## 1532	0.000000	8.00000	316.000000	0.000000000
## 1533	123.500000	24.00000	4114.083333	0.000000000
## 1534	12.000000	54.00000	1470.966667	0.009090909
## 1535	0.000000	7.00000	451.000000	0.000000000
## 1536	0.000000	3.00000	48.000000	0.000000000
## 1537	0.000000	3.00000	189.000000	0.000000000
## 1538	0.000000	27.00000	780.166667	0.000000000
## 1539	0.000000	3.00000	73.500000	0.040000000
## 1540	0.000000	20.00000	717.616667	0.000000000
## 1541	1146.666667	45.00000	3641.213151	0.002636535
## 1542	0.000000	25.00000	1040.750000	0.000000000
## 1543	0.000000	13.00000	833.233333	0.000000000
## 1544	0.000000	1.00000	0.000000	0.200000000
## 1545	0.000000	20.00000	453.625000	0.000000000
## 1546	0.000000	5.00000	51.250000	0.000000000
## 1547	11.000000	64.00000	1229.289286	0.000000000
## 1548	0.000000	28.00000	1202.000000	0.000000000
## 1549	0.000000	4.00000	538.000000	0.000000000
## 1550	0.000000	36.00000	1775.516667	0.000000000
## 1551	0.000000	7.00000	638.000000	0.037500000
## 1552	108.000000	10.00000	558.800000	0.000000000
## 1553	0.000000	3.00000	190.000000	0.033333333
## 1554	0.000000	10.00000	302.000000	0.042857143
## 1555	0.000000	5.00000	164.000000	0.040000000
## 1556	0.000000	5.00000	218.000000	0.000000000
## 1557	0.000000	13.00000	495.000000	0.000000000
## 1558	0.000000	2.00000	30.000000	0.000000000
## 1559	92.000000	37.00000	796.957143	0.000000000
## 1560	0.000000	9.00000	314.900000	0.000000000
## 1561	0.000000	49.00000	789.958333	0.004166667

## 1562	0.000000	19.00000	422.833333 0.010526316
## 1563	0.000000	7.00000	362.000000 0.000000000
## 1564	0.000000	18.00000	628.833333 0.000000000
## 1565	239.000000	11.00000	839.500000 0.016666667
## 1566	0.000000	31.00000	5764.366667 0.032258065
## 1567	0.000000	3.00000	161.000000 0.000000000
## 1568	0.000000	20.00000	739.833333 0.019047619
## 1569	0.000000	5.00000	66.000000 0.000000000
## 1570	0.000000	54.00000	2377.000000 0.000000000
## 1571	0.000000	2.00000	22.000000 0.000000000
## 1572	0.000000	9.00000	381.000000 0.000000000
## 1573	261.633333	26.00000	2559.898333 0.015789474
## 1574	0.000000	23.00000	553.150000 0.034782609
## 1575	0.000000	37.00000	651.000000 0.005405405
## 1576	65.000000	15.00000	1957.616667 0.000000000
## 1577	0.000000	2.00000	0.000000 0.200000000
## 1578	0.000000	59.00000	1660.222222 0.000000000
## 1579	0.000000	8.00000	170.000000 0.075000000
## 1580	0.000000	4.00000	47.000000 0.100000000
## 1581	0.000000	7.00000	165.000000 0.042857143
## 1582	0.000000	0.00000	0.000000 0.000000000
## 1583	0.000000	14.00000	406.866667 0.000000000
## 1584	0.000000	23.00000	570.516667 0.007407407
## 1585	0.000000	37.00000	1138.500000 0.000000000
## 1586	0.000000	63.00000	2777.616667 0.000000000
## 1587	0.000000	26.00000	463.758333 0.000000000
## 1588	0.000000	1.00000	0.000000 0.200000000
## 1589	0.000000	28.00000	775.500000 0.006451613
## 1590	0.000000	18.00000	490.066667 0.000000000
## 1591	0.000000	14.00000	266.016667 0.000000000
## 1592	0.000000	5.00000	1306.000000 0.060000000
## 1593	9.000000	9.00000	634.200000 0.005555556
## 1594	0.000000	1.00000	0.000000 0.000000000
## 1595	0.000000	22.00000	1220.433333 0.007692308
## 1596	132.000000	39.00000	1750.333333 0.000000000
## 1597	0.000000	43.00000	1087.250000 0.000000000
## 1598	0.000000	22.00000	762.547619 0.000000000
## 1599	0.000000	9.00000	244.500000 0.000000000
## 1600	0.000000	10.00000	1010.000000 0.022222222
## 1601	0.000000	2.00000	32.000000 0.000000000
## 1602	0.000000	27.00000	1342.666667 0.003333333
## 1603	201.000000	33.00000	1593.388889 0.011428571
## 1604	0.000000	9.00000	639.000000 0.000000000
## 1605	0.000000	4.00000	521.000000 0.100000000
## 1606	40.000000	17.00000	546.000000 0.000000000
## 1607	0.000000	8.00000	377.500000 0.012500000
## 1608	0.000000	14.00000	183.666667 0.000000000
## 1609	0.000000	5.00000	84.000000 0.040000000
## 1610	0.000000	18.00000	494.666667 0.000000000
## 1611	0.000000	62.00000	1003.965152 0.009850746
## 1612	0.000000	32.00000	536.683333 0.000000000
## 1613	292.684211	66.00000	3025.521713 0.015995116
## 1614	0.000000	24.00000	424.000000 0.000000000
## 1615	0.000000	5.00000	171.500000 0.000000000

## 1616	78.000000	67.00000	1231.136508 0.002985075
## 1617	0.000000	10.00000	266.500000 0.028571429
## 1618	0.000000	16.00000	1533.000000 0.000000000
## 1619	562.000000	36.00000	1300.190476 0.010810811
## 1620	0.000000	2.00000	74.000000 0.100000000
## 1621	907.833333	28.00000	804.283333 0.014141414
## 1622	0.000000	19.00000	734.583333 0.016666667
## 1623	0.000000	44.00000	3113.516667 0.001481481
## 1624	0.000000	3.00000	64.000000 0.000000000
## 1625	0.000000	7.00000	114.833333 0.014285714
## 1626	0.000000	6.00000	95.500000 0.000000000
## 1627	0.000000	7.00000	93.666667 0.028571429
## 1628	0.000000	3.00000	59.000000 0.000000000
## 1629	0.000000	3.00000	26.000000 0.000000000
## 1630	0.000000	62.00000	1136.603030 0.000000000
## 1631	609.000000	47.00000	2989.494048 0.000000000
## 1632	0.000000	30.00000	1724.250000 0.013793103
## 1633	571.500000	14.00000	333.600000 0.000000000
## 1634	0.000000	21.00000	334.785714 0.000000000
## 1635	0.000000	9.00000	355.166667 0.000000000
## 1636	0.000000	11.00000	456.666667 0.000000000
## 1637	0.000000	15.00000	1298.500000 0.026666667
## 1638	0.000000	28.00000	2258.833333 0.007142857
## 1639	0.000000	65.00000	2881.133333 0.000000000
## 1640	0.000000	10.00000	206.500000 0.000000000
## 1641	0.000000	8.00000	143.000000 0.000000000
## 1642	0.000000	11.00000	267.833333 0.018181818
## 1643	57.000000	5.00000	454.000000 0.000000000
## 1644	0.000000	13.00000	717.600000 0.000000000
## 1645	0.000000	20.00000	1069.168290 0.000000000
## 1646	0.000000	27.00000	807.833333 0.022222222
## 1647	0.000000	15.00000	477.000000 0.000000000
## 1648	0.000000	11.00000	134.900000 0.013333333
## 1649	0.000000	16.00000	314.000000 0.000000000
## 1650	0.000000	5.00000	59.000000 0.080000000
## 1651	1.000000	23.00000	637.000000 0.000000000
## 1652	270.333333	11.00000	160.500000 0.000000000
## 1653	0.000000	8.00000	1577.000000 0.000000000
## 1654	0.000000	11.00000	660.166667 0.000000000
## 1655	0.000000	7.00000	169.000000 0.000000000
## 1656	0.000000	6.00000	89.333333 0.000000000
## 1657	0.000000	37.00000	2517.048459 0.005128205
## 1658	0.000000	1.00000	44.000000 0.000000000
## 1659	0.000000	5.00000	29.000000 0.000000000
## 1660	0.000000	2.00000	86.000000 0.000000000
## 1661	0.000000	18.00000	229.750000 0.021052632
## 1662	0.000000	4.00000	17.000000 0.000000000
## 1663	0.000000	17.00000	498.333333 0.000000000
## 1664	3.000000	33.00000	1039.766667 0.000000000
## 1665	0.000000	11.00000	369.166667 0.000000000
## 1666	0.000000	23.00000	1669.000000 0.000000000
## 1667	0.000000	3.00000	44.500000 0.000000000
## 1668	0.000000	6.00000	140.000000 0.000000000
## 1669	0.000000	5.00000	97.000000 0.000000000

## 1670	0.000000	13.00000	250.166667	0.000000000
## 1671	0.000000	17.00000	221.200000	0.000000000
## 1672	0.000000	12.00000	127.000000	0.016666667
## 1673	0.000000	17.00000	229.333333	0.011111111
## 1674	0.000000	7.00000	370.833333	0.028571429
## 1675	0.000000	27.00000	1583.596154	0.000000000
## 1676	0.000000	27.00000	399.693939	0.000000000
## 1677	55.000000	12.00000	457.000000	0.014285714
## 1678	0.000000	3.00000	24.000000	0.066666667
## 1679	0.000000	5.00000	180.333333	0.020000000
## 1680	0.000000	15.00000	581.416667	0.000000000
## 1681	0.000000	13.00000	574.666667	0.000000000
## 1682	0.000000	5.00000	56.000000	0.000000000
## 1683	0.000000	16.00000	1011.000000	0.000000000
## 1684	0.000000	15.00000	139.833333	0.026666667
## 1685	0.000000	16.00000	608.833333	0.011764706
## 1686	0.000000	6.00000	1251.000000	0.033333333
## 1687	0.000000	14.00000	264.500000	0.000000000
## 1688	284.000000	54.00000	1509.800000	0.000000000
## 1689	0.000000	22.00000	356.800000	0.000000000
## 1690	0.000000	19.00000	598.783333	0.000000000
## 1691	0.000000	4.00000	298.000000	0.100000000
## 1692	0.000000	31.00000	1141.833333	0.000000000
## 1693	0.000000	6.00000	93.000000	0.000000000
## 1694	0.000000	40.00000	1209.802992	0.004878049
## 1695	0.000000	1.00000	0.000000	0.200000000
## 1696	0.000000	2.00000	67.000000	0.000000000
## 1697	29.500000	30.00000	1107.047619	0.000000000
## 1698	775.500000	19.00000	4996.666667	0.008000000
## 1699	0.000000	15.00000	936.166667	0.018750000
## 1700	0.000000	16.00000	666.100000	0.000000000
## 1701	0.000000	6.00000	170.833333	0.000000000
## 1702	0.000000	37.00000	1118.647186	0.000000000
## 1703	0.000000	2.00000	86.000000	0.000000000
## 1704	0.000000	28.00000	1206.614719	0.000000000
## 1705	0.000000	24.00000	2174.375000	0.008928571
## 1706	0.000000	2.00000	30.500000	0.000000000
## 1707	0.000000	6.00000	330.000000	0.066666667
## 1708	0.000000	13.00000	437.250000	0.069230769
## 1709	11.000000	110.00000	3211.827706	0.003571429
## 1710	0.000000	59.00000	3036.400000	0.000000000
## 1711	0.000000	9.00000	640.666667	0.000000000
## 1712	0.000000	30.00000	480.250000	0.007777778
## 1713	0.000000	32.00000	1350.391667	0.000000000
## 1714	0.000000	7.00000	38.000000	0.000000000
## 1715	0.000000	12.00000	976.200000	0.016666667
## 1716	0.000000	8.00000	70.200000	0.025000000
## 1717	0.000000	60.00000	2126.461941	0.008087680
## 1718	0.000000	44.00000	1112.000000	0.000000000
## 1719	0.000000	19.00000	409.750000	0.000000000
## 1720	0.000000	2.00000	171.000000	0.000000000
## 1721	0.000000	12.00000	401.285714	0.000000000
## 1722	0.000000	10.00000	423.833333	0.000000000
## 1723	0.000000	2.00000	115.000000	0.000000000

## 1724	0.000000	10.00000	427.166667	0.000000000
## 1725	0.000000	39.00000	609.500000	0.000000000
## 1726	0.000000	12.00000	547.333333	0.000000000
## 1727	265.000000	60.00000	2062.890972	0.014009662
## 1728	0.000000	49.00000	1077.007576	0.000000000
## 1729	0.000000	2.00000	19.000000	0.000000000
## 1730	0.000000	20.00000	1606.333333	0.010000000
## 1731	0.000000	21.00000	775.333333	0.000000000
## 1732	0.000000	13.00000	973.500000	0.000000000
## 1733	0.000000	4.00000	32.000000	0.000000000
## 1734	0.000000	24.00000	727.500000	0.000000000
## 1735	0.000000	14.00000	710.250000	0.000000000
## 1736	0.000000	48.00000	3644.752381	0.000000000
## 1737	44.000000	41.00000	1089.750000	0.000000000
## 1738	0.000000	14.00000	494.000000	0.000000000
## 1739	0.000000	84.00000	2566.220887	0.000000000
## 1740	41.500000	18.00000	1049.516667	0.023809524
## 1741	193.000000	4.00000	139.000000	0.000000000
## 1742	0.000000	19.00000	685.950000	0.000000000
## 1743	0.000000	8.00000	758.166667	0.025000000
## 1744	0.000000	46.00000	1852.750000	0.000000000
## 1745	0.000000	36.00000	2517.000000	0.000000000
## 1746	0.000000	19.00000	751.333333	0.000000000
## 1747	56.000000	35.00000	1549.857143	0.005263158
## 1748	0.000000	12.00000	202.250000	0.025000000
## 1749	0.000000	29.00000	669.967949	0.013793103
## 1750	0.000000	7.00000	95.000000	0.014285714
## 1751	279.500000	62.00000	1088.830952	0.000980392
## 1752	0.000000	9.00000	2151.000000	0.000000000
## 1753	0.000000	12.00000	130.500000	0.000000000
## 1754	146.000000	56.00000	2866.902020	0.000000000
## 1755	0.000000	19.00000	608.942857	0.009090909
## 1756	0.000000	7.00000	360.750000	0.000000000
## 1757	0.000000	2.00000	7.000000	0.000000000
## 1758	7.000000	132.00000	4056.175369	0.005882353
## 1759	0.000000	4.00000	46.000000	0.000000000
## 1760	0.000000	1.00000	0.000000	0.200000000
## 1761	869.000000	34.00000	771.591667	0.009090909
## 1762	0.000000	5.00000	112.000000	0.000000000
## 1763	0.000000	29.00000	491.100000	0.000000000
## 1764	0.000000	2.00000	14.000000	0.000000000
## 1765	49.000000	22.00000	602.166667	0.000000000
## 1766	0.000000	7.00000	77.333333	0.000000000
## 1767	0.000000	2.00000	4.000000	0.000000000
## 1768	90.000000	9.00000	103.666667	0.018181818
## 1769	0.000000	4.00000	125.000000	0.000000000
## 1770	0.000000	24.00000	387.884615	0.025000000
## 1771	0.000000	3.00000	23.000000	0.000000000
## 1772	0.000000	3.00000	249.000000	0.000000000
## 1773	18.000000	19.00000	345.383333	0.000000000
## 1774	111.000000	13.00000	1001.000000	0.000000000
## 1775	0.000000	8.00000	70.666667	0.025000000
## 1776	0.000000	20.00000	1298.000000	0.000000000
## 1777	0.000000	4.00000	75.500000	0.000000000

## 1778	0.000000	2.00000	57.000000	0.000000000
## 1779	451.500000	27.00000	1686.966667	0.006451613
## 1780	0.000000	10.00000	370.500000	0.000000000
## 1781	0.000000	4.00000	738.000000	0.100000000
## 1782	0.000000	13.00000	89.000000	0.046153846
## 1783	0.000000	5.00000	164.333333	0.060000000
## 1784	0.000000	24.00000	2244.666667	0.008000000
## 1785	0.000000	2.00000	5.000000	0.000000000
## 1786	148.500000	50.00000	3246.977381	0.000000000
## 1787	100.250000	62.00000	1573.233333	0.000000000
## 1788	0.000000	26.00000	779.505159	0.011111111
## 1789	0.000000	115.00000	2625.009524	0.000000000
## 1790	88.583333	43.00000	3266.127778	0.004242424
## 1791	0.000000	10.00000	303.250000	0.000000000
## 1792	0.000000	17.00000	806.666667	0.000000000
## 1793	0.000000	30.00000	465.416667	0.000000000
## 1794	0.000000	7.00000	1018.000000	0.000000000
## 1795	0.000000	7.00000	261.500000	0.000000000
## 1796	0.000000	4.00000	910.000000	0.000000000
## 1797	119.000000	41.00000	4270.141667	0.004444444
## 1798	0.000000	10.00000	413.000000	0.000000000
## 1799	0.000000	17.00000	372.800000	0.013333333
## 1800	0.000000	18.00000	550.500000	0.000000000
## 1801	168.833333	31.00000	1300.728987	0.000555556
## 1802	0.000000	4.00000	44.000000	0.050000000
## 1803	0.000000	7.00000	68.750000	0.000000000
## 1804	0.000000	37.00000	684.727273	0.005405405
## 1805	175.500000	27.00000	1253.333333	0.006666667
## 1806	0.000000	4.00000	331.000000	0.050000000
## 1807	0.000000	30.00000	1791.700000	0.013333333
## 1808	25.000000	46.00000	1596.672282	0.000000000
## 1809	0.000000	54.00000	9128.283883	0.011461988
## 1810	0.000000	7.00000	128.000000	0.000000000
## 1811	0.000000	13.00000	313.000000	0.000000000
## 1812	0.000000	8.00000	204.000000	0.000000000
## 1813	0.000000	2.00000	49.000000	0.000000000
## 1814	164.000000	73.00000	2490.138095	0.000000000
## 1815	0.000000	5.00000	86.000000	0.000000000
## 1816	0.000000	9.00000	140.000000	0.022222222
## 1817	0.000000	6.00000	162.750000	0.000000000
## 1818	32.000000	328.00000	9694.260714	0.001780415
## 1819	55.000000	19.00000	1762.500000	0.000000000
## 1820	0.000000	61.00000	2183.500000	0.000000000
## 1821	0.000000	10.00000	234.475000	0.000000000
## 1822	0.000000	10.00000	139.708333	0.000000000
## 1823	0.000000	33.00000	1371.633333	0.000000000
## 1824	2.000000	11.00000	711.566667	0.000000000
## 1825	0.000000	7.00000	232.666667	0.000000000
## 1826	0.000000	3.00000	51.500000	0.000000000
## 1827	0.000000	2.00000	11.000000	0.000000000
## 1828	172.000000	23.00000	176.819363	0.019444444
## 1829	35.000000	12.00000	240.000000	0.014285714
## 1830	0.000000	9.00000	415.833333	0.000000000
## 1831	0.000000	3.00000	66.000000	0.000000000

## 1832	0.000000	5.00000	95.500000 0.000000000
## 1833	0.000000	11.00000	200.850000 0.036363636
## 1834	0.000000	15.00000	839.500000 0.018750000
## 1835	0.000000	6.00000	80.000000 0.000000000
## 1836	77.000000	31.00000	2372.333333 0.000000000
## 1837	65.500000	49.00000	574.833333 0.000000000
## 1838	5.500000	34.00000	1045.102381 0.000000000
## 1839	0.000000	7.00000	971.000000 0.028571429
## 1840	0.000000	40.00000	1589.273810 0.000000000
## 1841	0.000000	10.00000	1656.666667 0.060000000
## 1842	64.000000	56.00000	1246.919048 0.003333333
## 1843	0.000000	16.00000	597.600000 0.000000000
## 1844	0.000000	31.00000	3888.166667 0.020000000
## 1845	0.000000	34.00000	2600.258333 0.011111111
## 1846	0.000000	9.00000	223.000000 0.000000000
## 1847	0.000000	10.00000	709.000000 0.000000000
## 1848	0.000000	5.00000	82.000000 0.100000000
## 1849	0.000000	23.00000	760.250000 0.000000000
## 1850	0.000000	9.00000	1362.000000 0.000000000
## 1851	0.000000	1.00000	0.000000 0.200000000
## 1852	62.000000	19.00000	924.333333 0.000000000
## 1853	0.000000	53.00000	1440.298918 0.012727273
## 1854	0.000000	53.00000	856.752240 0.000000000
## 1855	0.000000	2.00000	8.000000 0.000000000
## 1856	0.000000	2.00000	6.000000 0.000000000
## 1857	89.333333	18.00000	513.466667 0.000000000
## 1858	0.000000	2.00000	0.000000 0.200000000
## 1859	0.000000	15.00000	748.566667 0.016000000
## 1860	9.000000	3.00000	149.000000 0.000000000
## 1861	0.000000	2.00000	288.000000 0.000000000
## 1862	0.000000	25.00000	383.083333 0.018181818
## 1863	72.833333	39.00000	976.710317 0.004166667
## 1864	0.000000	32.00000	1916.633333 0.015625000
## 1865	26.000000	48.00000	1266.119048 0.000000000
## 1866	250.666667	44.00000	1679.833333 0.000000000
## 1867	0.000000	16.00000	315.166667 0.000000000
## 1868	0.000000	8.00000	290.000000 0.000000000
## 1869	0.000000	6.00000	463.500000 0.000000000
## 1870	0.000000	4.00000	1833.000000 0.000000000
## 1871	0.000000	9.00000	196.000000 0.000000000
## 1872	0.000000	2.00000	0.000000 0.200000000
## 1873	0.000000	53.00000	1200.892857 0.001818182
## 1874	0.000000	7.00000	139.333333 0.000000000
## 1875	403.000000	15.00000	665.566667 0.007142857
## 1876	166.000000	12.00000	151.900000 0.031111111
## 1877	0.000000	5.00000	1620.000000 0.140000000
## 1878	0.000000	24.00000	1268.000000 0.012500000
## 1879	117.285714	15.00000	969.102381 0.005882353
## 1880	0.000000	25.00000	773.466667 0.000000000
## 1881	0.000000	33.00000	808.166667 0.000000000
## 1882	0.000000	14.00000	469.876191 0.000000000
## 1883	0.000000	30.00000	823.500000 0.000000000
## 1884	0.000000	8.00000	201.000000 0.000000000
## 1885	0.000000	54.00000	1063.950000 0.000000000

## 1886	0.000000	13.00000	412.000000 0.000000000
## 1887	0.000000	14.00000	1789.398810 0.000000000
## 1888	0.000000	18.00000	644.125000 0.006250000
## 1889	0.000000	18.00000	529.702381 0.000000000
## 1890	0.000000	10.00000	254.000000 0.020000000
## 1891	0.000000	7.00000	221.714286 0.028571429
## 1892	0.000000	1.00000	0.000000 0.200000000
## 1893	0.000000	30.00000	312.333333 0.000000000
## 1894	0.000000	22.00000	325.750000 0.000000000
## 1895	419.000000	63.00000	2717.327381 0.002857143
## 1896	0.000000	79.00000	3380.691558 0.002666667
## 1897	0.000000	19.00000	614.944444 0.000000000
## 1898	0.000000	1.00000	19.000000 0.000000000
## 1899	0.000000	33.00000	1274.190476 0.005714286
## 1900	0.000000	12.00000	1071.611111 0.030769231
## 1901	0.000000	10.00000	408.000000 0.000000000
## 1902	0.000000	52.00000	2335.064286 0.007142857
## 1903	0.000000	2.00000	18.000000 0.100000000
## 1904	0.000000	53.00000	1299.383333 0.000000000
## 1905	0.000000	6.00000	83.000000 0.016666667
## 1906	0.000000	8.00000	489.000000 0.000000000
## 1907	0.000000	16.00000	226.500000 0.000000000
## 1908	0.000000	8.00000	233.666667 0.025000000
## 1909	0.000000	1.00000	0.000000 0.200000000
## 1910	0.000000	5.00000	71.000000 0.000000000
## 1911	0.000000	16.00000	1266.500000 0.000000000
## 1912	0.000000	8.00000	182.583333 0.000000000
## 1913	0.000000	12.00000	169.300000 0.000000000
## 1914	0.000000	37.00000	1358.750000 0.001754386
## 1915	0.000000	5.00000	131.000000 0.033333333
## 1916	205.000000	71.00000	2816.438810 0.000000000
## 1917	0.000000	25.00000	3484.233333 0.000000000
## 1918	156.000000	6.00000	131.000000 0.000000000
## 1919	0.000000	12.00000	1076.500000 0.000000000
## 1920	0.000000	8.00000	357.250000 0.000000000
## 1921	0.000000	6.00000	197.000000 0.000000000
## 1922	0.000000	31.00000	489.145238 0.011111111
## 1923	0.000000	11.00000	610.000000 0.000000000
## 1924	0.000000	17.00000	445.000000 0.047058824
## 1925	0.000000	17.00000	588.666667 0.011764706
## 1926	0.000000	24.00000	580.200000 0.000000000
## 1927	0.000000	32.00000	999.000000 0.000000000
## 1928	0.000000	16.00000	622.000000 0.000000000
## 1929	0.000000	6.00000	112.000000 0.000000000
## 1930	13.500000	24.00000	1005.849206 0.000000000
## 1931	0.000000	3.00000	29.000000 0.033333333
## 1932	0.000000	60.00000	3451.751515 0.006666667
## 1933	0.000000	5.00000	96.500000 0.000000000
## 1934	57.000000	19.00000	2217.333333 0.008333333
## 1935	0.000000	4.00000	50.000000 0.000000000
## 1936	0.000000	16.00000	485.666667 0.000000000
## 1937	0.000000	9.00000	388.000000 0.066666667
## 1938	0.000000	21.00000	484.950000 0.008695652
## 1939	0.000000	3.00000	55.000000 0.000000000

## 1940	0.000000	7.00000	111.666667	0.000000000
## 1941	0.000000	14.00000	269.500000	0.000000000
## 1942	0.000000	10.00000	284.000000	0.000000000
## 1943	0.000000	34.00000	1219.113725	0.007017544
## 1944	0.000000	21.00000	574.722619	0.000000000
## 1945	0.000000	46.00000	4053.092208	0.014184397
## 1946	0.000000	18.00000	1485.416667	0.000000000
## 1947	0.000000	7.00000	634.166667	0.015384615
## 1948	0.000000	41.00000	1182.106162	0.000000000
## 1949	48.000000	16.00000	333.750000	0.000000000
## 1950	0.000000	2.00000	4.000000	0.000000000
## 1951	0.000000	28.00000	550.066667	0.000000000
## 1952	0.000000	1.00000	0.000000	0.200000000
## 1953	0.000000	29.00000	218.000000	0.000000000
## 1954	0.000000	93.00000	2243.666667	0.010989011
## 1955	0.000000	38.00000	2193.150794	0.012280702
## 1956	0.000000	15.00000	289.850000	0.000000000
## 1957	0.000000	13.00000	909.500000	0.000000000
## 1958	0.000000	22.00000	1436.450000	0.000000000
## 1959	241.500000	45.00000	1998.444081	0.009090909
## 1960	58.000000	12.00000	777.500000	0.000000000
## 1961	0.000000	4.00000	126.500000	0.016666667
## 1962	0.000000	8.00000	100.000000	0.000000000
## 1963	0.000000	27.00000	598.450000	0.000000000
## 1964	0.000000	7.00000	87.714286	0.042857143
## 1965	199.000000	40.00000	1834.166667	0.000000000
## 1966	0.000000	2.00000	15.000000	0.000000000
## 1967	172.000000	28.00000	1365.216667	0.000000000
## 1968	0.000000	6.00000	36.000000	0.066666667
## 1969	419.000000	22.00000	1005.806061	0.000000000
## 1970	101.000000	76.00000	5186.116667	0.004878049
## 1971	29.666667	52.00000	2211.608333	0.008888889
## 1972	0.000000	8.00000	167.000000	0.000000000
## 1973	0.000000	47.00000	2102.581502	0.004166667
## 1974	353.333333	45.00000	2003.415152	0.007142857
## 1975	54.000000	41.00000	1490.552778	0.000000000
## 1976	0.000000	35.00000	1988.658333	0.008943089
## 1977	0.000000	8.00000	148.750000	0.000000000
## 1978	0.000000	2.00000	134.000000	0.000000000
## 1979	0.000000	16.00000	191.071429	0.000000000
## 1980	0.000000	16.00000	222.000000	0.025000000
## 1981	0.000000	5.00000	116.500000	0.000000000
## 1982	0.000000	3.00000	190.000000	0.000000000
## 1983	0.000000	68.00000	809.245635	0.002985075
## 1984	0.000000	8.00000	262.166667	0.000000000
## 1985	0.000000	4.00000	22.000000	0.050000000
## 1986	0.000000	11.00000	234.992424	0.000000000
## 1987	0.000000	8.00000	258.000000	0.025000000
## 1988	0.000000	2.00000	0.000000	0.200000000
## 1989	263.000000	6.00000	133.333333	0.000000000
## 1990	0.000000	12.00000	255.300000	0.002000000
## 1991	0.000000	96.00000	1524.748377	0.000000000
## 1992	0.000000	17.00000	1306.666667	0.010526316
## 1993	0.000000	12.00000	224.166667	0.000000000

## 1994	0.000000	24.00000	473.683333 0.008333333
## 1995	0.000000	21.00000	686.400000 0.003846154
## 1996	34.506387	31.76388	31.763884 0.022152462
## 1997	34.506387	31.76388	31.763884 0.022152462
## 1998	70.500000	75.00000	3537.991667 0.011714286
## 1999	135.500000	52.00000	1896.272222 0.005310734
## 2000	0.000000	29.00000	598.297619 0.000000000
## 2001	0.000000	10.00000	127.500000 0.000000000
## 2002	0.000000	7.00000	154.000000 0.000000000
## 2003	604.800000	160.00000	5349.563713 0.001142857
## 2004	-1.000000	1.00000	-1.000000 0.000000000
## 2005	0.000000	3.00000	77.000000 0.000000000
## 2006	0.000000	7.00000	98.500000 0.071428571
## 2007	0.000000	12.00000	810.000000 0.000000000
## 2008	0.000000	3.00000	903.000000 0.000000000
## 2009	0.000000	86.00000	2973.008333 0.002222222
## 2010	-1.000000	1.00000	-1.000000 0.200000000
## 2011	0.000000	7.00000	1093.000000 0.037500000
## 2012	0.000000	3.00000	137.000000 0.000000000
## 2013	0.000000	8.00000	136.750000 0.005000000
## 2014	0.000000	6.00000	384.000000 0.000000000
## 2015	0.000000	9.00000	125.000000 0.000000000
## 2016	0.000000	2.00000	44.000000 0.000000000
## 2017	-1.000000	1.00000	-1.000000 0.200000000
## 2018	0.000000	31.00000	1975.458333 0.000000000
## 2019	0.000000	42.00000	758.750000 0.004444444
## 2020	46.666667	20.00000	1267.155556 0.001481481
## 2021	0.000000	18.00000	381.333333 0.000000000
## 2022	91.000000	31.00000	1271.821212 0.000000000
## 2023	0.000000	32.00000	827.646212 0.000000000
## 2024	0.000000	5.00000	36.000000 0.150000000
## 2025	0.000000	19.00000	1011.500000 0.000000000
## 2026	415.000000	20.00000	1267.233333 0.000000000
## 2027	97.000000	66.00000	4891.972222 0.000000000
## 2028	0.000000	27.00000	694.303571 0.000000000
## 2029	118.000000	150.00000	4764.429997 0.000000000
## 2030	0.000000	31.00000	1350.500000 0.006451613
## 2031	56.000000	17.00000	1385.833333 0.005882353
## 2032	0.000000	15.00000	500.000000 0.026666667
## 2033	0.000000	22.00000	285.988095 0.000000000
## 2034	0.000000	6.00000	45.500000 0.057142857
## 2035	0.000000	13.00000	1507.333333 0.016666667
## 2036	24.000000	27.00000	1460.566667 0.000000000
## 2037	0.000000	4.00000	214.000000 0.000000000
## 2038	0.000000	6.00000	136.500000 0.000000000
## 2039	0.000000	6.00000	254.000000 0.025000000
## 2040	0.000000	13.00000	545.571429 0.013333333
## 2041	865.000000	27.00000	1244.833333 0.000000000
## 2042	0.000000	21.00000	555.894444 0.000000000
## 2043	0.000000	19.00000	429.633333 0.000000000
## 2044	0.000000	10.00000	111.000000 0.000000000
## 2045	0.000000	1.00000	0.000000 0.200000000
## 2046	0.000000	16.00000	402.690476 0.000000000
## 2047	0.000000	15.00000	292.694444 0.000000000

## 2048	0.000000	24.00000	654.066667	0.000000000
## 2049	39.000000	95.00000	4990.959524	0.004123711
## 2050	0.000000	4.00000	158.000000	0.050000000
## 2051	0.000000	77.00000	3332.208333	0.002040816
## 2052	0.000000	130.00000	4164.936905	0.006153846
## 2053	0.000000	1.00000	0.000000	0.200000000
## 2054	0.000000	25.00000	1194.500000	0.000000000
## 2055	0.000000	21.00000	638.333333	0.000000000
## 2056	0.000000	13.00000	152.250000	0.030769231
## 2057	0.000000	17.00000	631.500000	0.011764706
## 2058	0.000000	9.00000	58.000000	0.155555556
## 2059	144.500000	83.00000	6860.632738	0.011512297
## 2060	0.000000	2.00000	0.000000	0.200000000
## 2061	0.000000	28.00000	271.125000	0.000000000
## 2062	0.000000	1.00000	0.000000	0.200000000
## 2063	0.000000	151.00000	2564.278157	0.009172260
## 2064	0.000000	12.00000	896.500000	0.008333333
## 2065	0.000000	57.00000	4895.022989	0.003333333
## 2066	9.000000	58.00000	2293.599020	0.008357771
## 2067	0.000000	77.00000	1449.683333	0.000000000
## 2068	89.500000	8.00000	249.000000	0.066666667
## 2069	0.000000	5.00000	37.500000	0.000000000
## 2070	0.000000	10.00000	121.000000	0.016666667
## 2071	30.000000	51.00000	1403.841919	0.003636364
## 2072	0.000000	8.00000	227.000000	0.025000000
## 2073	0.000000	8.00000	228.000000	0.025000000
## 2074	0.000000	16.00000	461.083333	0.000000000
## 2075	0.000000	2.00000	12.000000	0.000000000
## 2076	0.000000	34.00000	762.500000	0.000000000
## 2077	0.000000	5.00000	74.500000	0.000000000
## 2078	0.000000	21.00000	898.000000	0.015384615
## 2079	0.000000	5.00000	91.000000	0.000000000
## 2080	0.000000	19.00000	583.166667	0.010526316
## 2081	0.000000	13.00000	392.928571	0.012500000
## 2082	0.000000	13.00000	177.500000	0.000000000
## 2083	0.000000	13.00000	436.000000	0.030769231
## 2084	0.000000	79.00000	2819.966667	0.006097561
## 2085	0.000000	2.00000	4.000000	0.000000000
## 2086	0.000000	1.00000	0.000000	0.200000000
## 2087	0.000000	23.00000	1888.500000	0.000000000
## 2088	300.900000	33.00000	1801.371429	0.005500000
## 2089	0.000000	117.00000	13158.666670	0.006896552
## 2090	0.000000	6.00000	140.000000	0.000000000
## 2091	0.000000	5.00000	252.500000	0.000000000
## 2092	0.000000	12.00000	666.000000	0.000000000
## 2093	0.000000	36.00000	851.333333	0.010810811
## 2094	0.000000	18.00000	224.000000	0.011764706
## 2095	0.000000	13.00000	253.333333	0.030769231
## 2096	0.000000	28.00000	717.219048	0.005882353
## 2097	0.000000	22.00000	370.333333	0.018181818
## 2098	0.000000	1.00000	0.000000	0.200000000
## 2099	0.000000	29.00000	5198.533333	0.000000000
## 2100	0.000000	19.00000	1148.838095	0.012121212
## 2101	0.000000	13.00000	152.666667	0.033333333

## 2102	0.000000	6.00000	474.000000	0.000000000
## 2103	0.000000	15.00000	907.500000	0.006666667
## 2104	0.000000	12.00000	505.333333	0.083333333
## 2105	0.000000	20.00000	497.000000	0.015000000
## 2106	0.000000	46.00000	1103.916667	0.000000000
## 2107	0.000000	4.00000	0.000000	0.200000000
## 2108	18.000000	25.00000	430.500000	0.000000000
## 2109	0.000000	31.00000	866.700000	0.011827957
## 2110	0.000000	21.00000	1492.166667	0.023809524
## 2111	0.000000	7.00000	17.000000	0.085714286
## 2112	0.000000	7.00000	137.500000	0.000000000
## 2113	0.000000	20.00000	950.328571	0.072108844
## 2114	0.000000	2.00000	7.000000	0.000000000
## 2115	0.000000	18.00000	286.000000	0.011111111
## 2116	0.000000	25.00000	1711.333333	0.000000000
## 2117	0.000000	45.00000	2487.333333	0.018604651
## 2118	0.000000	5.00000	829.500000	0.000000000
## 2119	0.000000	7.00000	88.000000	0.062500000
## 2120	0.000000	26.00000	1163.333333	0.000000000
## 2121	0.000000	20.00000	1171.333333	0.003174603
## 2122	0.000000	8.00000	149.000000	0.133333333
## 2123	0.000000	12.00000	131.500000	0.000000000
## 2124	0.000000	4.00000	81.500000	0.000000000
## 2125	0.000000	9.00000	394.500000	0.000000000
## 2126	0.000000	17.00000	336.000000	0.000000000
## 2127	0.000000	21.00000	452.797619	0.000000000
## 2128	0.000000	1.00000	0.000000	0.200000000
## 2129	0.000000	36.00000	2281.208333	0.022916667
## 2130	0.000000	36.00000	1262.833333	0.000000000
## 2131	0.000000	1.00000	0.000000	0.200000000
## 2132	0.000000	1.00000	643.000000	0.133333333
## 2133	0.000000	6.00000	189.000000	0.066666667
## 2134	262.000000	49.00000	2338.567766	0.023529412
## 2135	0.000000	6.00000	181.000000	0.000000000
## 2136	0.000000	24.00000	597.833333	0.008333333
## 2137	0.000000	28.00000	549.083333	0.000000000
## 2138	0.000000	1.00000	0.000000	0.200000000
## 2139	0.000000	10.00000	170.000000	0.040000000
## 2140	0.000000	4.00000	46.000000	0.026666667
## 2141	108.000000	51.00000	1742.325216	0.003636364
## 2142	0.000000	40.00000	787.200000	0.000000000
## 2143	0.000000	33.00000	1239.500000	0.070588235
## 2144	0.000000	23.00000	867.333333	0.000000000
## 2145	0.000000	1.00000	0.000000	0.200000000
## 2146	0.000000	124.00000	4093.430519	0.005816216
## 2147	0.000000	19.00000	216.166667	0.038095238
## 2148	162.000000	23.00000	659.083333	0.013580247
## 2149	51.000000	43.00000	2265.529221	0.004000000
## 2150	0.000000	8.00000	729.000000	0.041666667
## 2151	0.000000	23.00000	1299.500000	0.034782609
## 2152	0.000000	6.00000	103.000000	0.000000000
## 2153	0.000000	16.00000	129.333333	0.000000000
## 2154	0.000000	2.00000	162.000000	0.000000000
## 2155	0.000000	5.00000	122.000000	0.028571429

## 2156	0.000000	71.00000	1294.251207	0.002631579
## 2157	80.000000	10.00000	246.791667	0.000000000
## 2158	115.000000	45.00000	2889.250000	0.000000000
## 2159	470.000000	84.00000	3882.025758	0.004909561
## 2160	0.000000	25.00000	4207.666667	0.008333333
## 2161	0.000000	18.00000	199.500000	0.016666667
## 2162	0.000000	28.00000	2529.750000	0.066666667
## 2163	0.000000	9.00000	2081.000000	0.044444444
## 2164	0.000000	21.00000	1845.666667	0.018787879
## 2165	8.000000	51.00000	1927.031548	0.003954802
## 2166	0.000000	1.00000	0.000000	0.200000000
## 2167	0.000000	11.00000	831.933333	0.000000000
## 2168	0.000000	82.00000	706.299603	0.000000000
## 2169	75.000000	32.00000	1888.547619	0.010810811
## 2170	58.952381	54.00000	2407.322811	0.003448276
## 2171	0.000000	42.00000	1528.382468	0.000000000
## 2172	394.000000	25.00000	599.100000	0.013333333
## 2173	0.000000	34.00000	4656.800366	0.006306306
## 2174	0.000000	5.00000	151.200000	0.000000000
## 2175	12.000000	75.00000	5378.045851	0.020132610
## 2176	0.000000	7.00000	212.000000	0.028571429
## 2177	0.000000	0.00000	0.000000	0.100000000
## 2178	0.000000	16.00000	748.400000	0.014285714
## 2179	0.000000	38.00000	314.833333	0.010526316
## 2180	0.000000	19.00000	867.833333	0.015000000
## 2181	56.000000	9.00000	379.000000	0.000000000
## 2182	0.000000	3.00000	66.500000	0.050000000
## 2183	213.000000	26.00000	994.822222	0.000000000
## 2184	0.000000	50.00000	824.666667	0.000000000
## 2185	0.000000	1.00000	0.000000	0.200000000
## 2186	191.000000	15.00000	443.933333	0.000000000
## 2187	0.000000	32.00000	906.300000	0.005128205
## 2188	0.000000	3.00000	57.000000	0.000000000
## 2189	0.000000	6.00000	117.000000	0.083333333
## 2190	163.000000	50.00000	2424.750000	0.000000000
## 2191	0.000000	1.00000	0.000000	0.200000000
## 2192	0.000000	3.00000	311.000000	0.100000000
## 2193	188.000000	160.00000	2418.529040	0.004878049
## 2194	0.000000	39.00000	905.600000	0.012820513
## 2195	0.000000	8.00000	100.000000	0.075000000
## 2196	0.000000	30.00000	986.500000	0.006666667
## 2197	0.000000	32.00000	3121.555556	0.009259259
## 2198	0.000000	34.00000	1378.966667	0.007894737
## 2199	0.000000	49.00000	3003.419048	0.010526316
## 2200	25.000000	43.00000	2053.933333	0.012878788
## 2201	0.000000	4.00000	212.500000	0.000000000
## 2202	0.000000	29.00000	785.474359	0.000000000
## 2203	0.000000	23.00000	316.333333	0.008333333
## 2204	360.000000	28.00000	769.500000	0.024242424
## 2205	0.000000	15.00000	298.166667	0.013333333
## 2206	48.000000	32.00000	1808.333333	0.050000000
## 2207	0.000000	30.00000	1184.500000	0.006666667
## 2208	0.000000	3.00000	184.500000	0.040000000
## 2209	243.000000	127.00000	2573.875000	0.000256410

## 2210	17.000000	64.00000	2121.304304	0.003188406
## 2211	0.000000	125.00000	4639.410534	0.012433862
## 2212	66.000000	16.00000	315.366667	0.000000000
## 2213	49.500000	11.00000	1464.000000	0.000000000
## 2214	236.000000	66.00000	1483.550000	0.000000000
## 2215	97.000000	53.00000	2247.608298	0.004848485
## 2216	0.000000	19.00000	950.000000	0.000000000
## 2217	227.250000	104.00000	6254.420122	0.028065242
## 2218	0.000000	1.00000	0.000000	0.200000000
## 2219	0.000000	3.00000	29.000000	0.000000000
## 2220	0.000000	7.00000	228.000000	0.000000000
## 2221	0.000000	2.00000	205.000000	0.000000000
## 2222	0.000000	35.00000	1570.500000	0.000000000
## 2223	0.000000	14.00000	101.000000	0.131250000
## 2224	0.000000	11.00000	295.900000	0.000000000
## 2225	0.000000	7.00000	196.500000	0.000000000
## 2226	0.000000	15.00000	524.500000	0.000000000
## 2227	0.000000	2.00000	0.000000	0.200000000
## 2228	451.500000	28.00000	674.434524	0.005882353
## 2229	0.000000	32.00000	931.500000	0.008823529
## 2230	246.333333	16.00000	672.879487	0.021428571
## 2231	0.000000	5.00000	0.000000	0.200000000
## 2232	0.000000	73.00000	3022.478571	0.002631579
## 2233	0.000000	27.00000	877.500000	0.000000000
## 2234	416.000000	20.00000	412.833333	0.019047619
## 2235	0.000000	22.00000	486.500000	0.000000000
## 2236	51.000000	29.00000	1225.500000	0.000000000
## 2237	0.000000	1.00000	0.000000	0.200000000
## 2238	0.000000	2.00000	0.000000	0.200000000
## 2239	0.000000	90.00000	1221.853846	0.002061856
## 2240	0.000000	14.00000	258.000000	0.164285714
## 2241	0.000000	30.00000	1370.833333	0.042145594
## 2242	0.000000	15.00000	1652.000000	0.040000000
## 2243	0.000000	6.00000	178.333333	0.000000000
## 2244	0.000000	43.00000	1146.500000	0.006976744
## 2245	0.000000	98.00000	2680.828571	0.009183673
## 2246	0.000000	11.00000	197.500000	0.000000000
## 2247	81.000000	46.00000	2295.182143	0.004081633
## 2248	0.000000	1.00000	0.000000	0.200000000
## 2249	0.000000	17.00000	248.900000	0.000000000
## 2250	0.000000	2.00000	44.000000	0.000000000
## 2251	0.000000	44.00000	1151.116667	0.000000000
## 2252	0.000000	28.00000	830.000000	0.013793103
## 2253	0.000000	15.00000	125.250000	0.025000000
## 2254	0.000000	3.00000	17.000000	0.000000000
## 2255	0.000000	42.00000	2172.333333	0.000000000
## 2256	1636.000000	49.00000	4945.083333	0.009259259
## 2257	0.000000	21.00000	358.250000	0.038095238
## 2258	0.000000	13.00000	233.166667	0.000000000
## 2259	0.000000	20.00000	528.000000	0.000000000
## 2260	0.000000	16.00000	1154.766667	0.005263158
## 2261	16.000000	30.00000	1522.816667	0.026666667
## 2262	0.000000	13.00000	468.166667	0.000000000
## 2263	0.000000	15.00000	432.500000	0.000000000

## 2264	0.000000	36.00000	1100.916667	0.007692308
## 2265	0.000000	33.00000	663.233333	0.026470588
## 2266	0.000000	24.00000	2874.083333	0.025000000
## 2267	606.750000	47.00000	1813.864610	0.007377049
## 2268	261.833333	13.00000	214.692208	0.033333333
## 2269	0.000000	2.00000	28.000000	0.000000000
## 2270	0.000000	5.00000	78.500000	0.000000000
## 2271	0.000000	28.00000	534.583333	0.000000000
## 2272	0.000000	10.00000	262.666667	0.020000000
## 2273	0.000000	56.00000	1056.150000	0.026502732
## 2274	0.000000	31.00000	1273.875000	0.000000000
## 2275	66.000000	27.00000	875.500000	0.000000000
## 2276	0.000000	1.00000	0.000000	0.200000000
## 2277	308.000000	14.00000	582.000000	0.000000000
## 2278	0.000000	13.00000	0.000000	0.200000000
## 2279	0.000000	9.00000	63.666667	0.088888889
## 2280	0.000000	1.00000	0.000000	0.200000000
## 2281	0.000000	22.00000	1443.250000	0.063636364
## 2282	15.000000	30.00000	569.119048	0.000000000
## 2283	0.000000	16.00000	386.444444	0.000000000
## 2284	0.000000	13.00000	399.500000	0.000000000
## 2285	0.000000	10.00000	238.500000	0.000000000
## 2286	0.000000	3.00000	17.000000	0.066666667
## 2287	0.000000	0.00000	0.000000	0.200000000
## 2288	0.000000	1.00000	0.000000	0.200000000
## 2289	0.000000	2.00000	59.000000	0.000000000
## 2290	0.000000	47.00000	1506.220833	0.000000000
## 2291	0.000000	7.00000	96.000000	0.000000000
## 2292	0.000000	20.00000	588.900000	0.000000000
## 2293	0.000000	43.00000	1719.416667	0.004347826
## 2294	0.000000	4.00000	41.000000	0.100000000
## 2295	257.000000	31.00000	1906.800000	0.018750000
## 2296	0.000000	10.00000	262.500000	0.000000000
## 2297	0.000000	17.00000	457.233333	0.000000000
## 2298	0.000000	1.00000	0.000000	0.200000000
## 2299	0.000000	6.00000	227.333333	0.000000000
## 2300	0.000000	2.00000	0.000000	0.000000000
## 2301	0.000000	8.00000	95.000000	0.009090909
## 2302	0.000000	8.00000	517.500000	0.000000000
## 2303	298.000000	16.00000	570.333333	0.011764706
## 2304	0.000000	15.00000	183.095238	0.000000000
## 2305	0.000000	10.00000	366.000000	0.020000000
## 2306	0.000000	3.00000	133.500000	0.100000000
## 2307	0.000000	1.00000	0.000000	0.200000000
## 2308	0.000000	25.00000	280.933333	0.000000000
## 2309	0.000000	4.00000	44.000000	0.000000000
## 2310	0.000000	9.00000	265.600000	0.022222222
## 2311	0.000000	1.00000	0.000000	0.200000000
## 2312	0.000000	3.00000	165.000000	0.000000000
## 2313	0.000000	5.00000	109.000000	0.080000000
## 2314	0.000000	47.00000	901.250000	0.008333333
## 2315	161.000000	34.00000	1406.209524	0.010810811
## 2316	33.000000	25.00000	972.250000	0.019230769
## 2317	0.000000	34.00000	965.833333	0.000000000

## 2318	0.000000	2.00000	0.000000 0.200000000
## 2319	0.000000	5.00000	214.000000 0.000000000
## 2320	0.000000	7.00000	267.000000 0.000000000
## 2321	281.500000	5.00000	236.166667 0.000000000
## 2322	48.000000	25.00000	879.666667 0.000000000
## 2323	0.000000	6.00000	1044.000000 0.000000000
## 2324	132.833333	45.00000	901.091667 0.004000000
## 2325	32.000000	32.00000	1671.257393 0.005555556
## 2326	0.000000	50.00000	1483.366667 0.000000000
## 2327	0.000000	19.00000	5538.916667 0.024000000
## 2328	0.000000	11.00000	191.000000 0.000000000
## 2329	0.000000	20.00000	451.933333 0.014285714
## 2330	0.000000	10.00000	224.000000 0.000000000
## 2331	0.000000	44.00000	670.300000 0.012765957
## 2332	0.000000	5.00000	210.000000 0.160000000
## 2333	0.000000	19.00000	900.916667 0.027777778
## 2334	56.500000	10.00000	368.000000 0.000000000
## 2335	0.000000	0.00000	0.000000 0.200000000
## 2336	0.000000	9.00000	216.000000 0.066666667
## 2337	0.000000	23.00000	1580.166667 0.024000000
## 2338	0.000000	40.00000	587.691176 0.005000000
## 2339	0.000000	64.00000	2471.391775 0.005555556
## 2340	0.000000	23.00000	502.466667 0.000000000
## 2341	0.000000	7.00000	317.000000 0.025000000
## 2342	0.000000	65.00000	3864.428571 0.006153846
## 2343	0.000000	69.00000	2456.297619 0.001408451
## 2344	0.000000	66.00000	2656.183333 0.000925926
## 2345	0.000000	19.00000	599.000000 0.015000000
## 2346	0.000000	13.00000	1212.000000 0.000000000
## 2347	0.000000	3.00000	127.000000 0.000000000
## 2348	0.000000	9.00000	0.000000 0.200000000
## 2349	0.000000	10.00000	173.250000 0.000000000
## 2350	16.000000	23.00000	599.333333 0.008333333
## 2351	0.000000	48.00000	2215.866667 0.001041667
## 2352	88.000000	77.00000	5284.765079 0.000000000
## 2353	0.000000	17.00000	433.133333 0.023529412
## 2354	545.000000	65.00000	1690.790351 0.014642857
## 2355	57.000000	63.00000	1621.152083 0.007692308
## 2356	0.000000	13.00000	454.500000 0.000000000
## 2357	0.000000	14.00000	197.500000 0.021428571
## 2358	0.000000	29.00000	911.500000 0.022988506
## 2359	0.000000	10.00000	196.500000 0.044444444
## 2360	0.000000	7.00000	115.666667 0.000000000
## 2361	26.000000	41.00000	1019.293939 0.049481481
## 2362	0.000000	53.00000	715.500000 0.022641509
## 2363	0.000000	150.00000	3147.584294 0.005547653
## 2364	0.000000	11.00000	321.958333 0.000000000
## 2365	0.000000	22.00000	169.500000 0.009090909
## 2366	89.000000	49.00000	2104.311400 0.009615385
## 2367	0.000000	12.00000	499.000000 0.000000000
## 2368	0.000000	9.00000	120.000000 0.000000000
## 2369	144.500000	116.00000	7009.095996 0.000000000
## 2370	186.000000	105.00000	8704.372405 0.026260504
## 2371	0.000000	1.00000	0.000000 0.200000000

## 2372	0.000000	42.00000	2058.250000	0.021138211
## 2373	0.000000	1.00000	0.000000	0.200000000
## 2374	0.000000	19.00000	580.500000	0.010526316
## 2375	0.000000	1.00000	0.000000	0.200000000
## 2376	0.000000	52.00000	1701.857143	0.003200000
## 2377	0.000000	15.00000	312.700000	0.010000000
## 2378	0.000000	2.00000	0.000000	0.200000000
## 2379	0.000000	9.00000	495.000000	0.022222222
## 2380	0.000000	6.00000	202.000000	0.033333333
## 2381	0.000000	39.00000	908.333333	0.000000000
## 2382	0.000000	30.00000	480.500000	0.033333333
## 2383	404.583333	58.00000	3473.857143	0.005714286
## 2384	0.000000	5.00000	277.000000	0.000000000
## 2385	0.000000	5.00000	226.000000	0.086666667
## 2386	0.000000	5.00000	138.000000	0.020000000
## 2387	0.000000	8.00000	59.000000	0.000000000
## 2388	0.000000	1.00000	0.000000	0.200000000
## 2389	0.000000	19.00000	273.000000	0.035294118
## 2390	0.000000	10.00000	0.000000	0.200000000
## 2391	0.000000	16.00000	360.000000	0.000000000
## 2392	0.000000	2.00000	40.000000	0.000000000
## 2393	28.000000	1.00000	0.000000	0.066666667
## 2394	0.000000	27.00000	1547.500000	0.000000000
## 2395	0.000000	25.00000	1127.250000	0.002666667
## 2396	52.000000	29.00000	996.083333	0.002777778
## 2397	0.000000	13.00000	227.700000	0.027777778
## 2398	0.000000	10.00000	579.333333	0.000000000
## 2399	0.000000	12.00000	237.000000	0.000000000
## 2400	472.000000	14.00000	678.500000	0.000000000
## 2401	0.000000	29.00000	3098.033333	0.000000000
## 2402	0.000000	6.00000	81.000000	0.080000000
## 2403	0.000000	12.00000	285.166667	0.000000000
## 2404	0.000000	1.00000	340.200000	0.066666667
## 2405	0.000000	10.00000	231.000000	0.120000000
## 2406	37.000000	28.00000	2054.114286	0.000000000
## 2407	0.000000	21.00000	2008.833333	0.000000000
## 2408	0.000000	19.00000	1065.900000	0.016666667
## 2409	0.000000	6.00000	619.000000	0.000000000
## 2410	0.000000	21.00000	584.133333	0.000000000
## 2411	0.000000	1.00000	0.000000	0.200000000
## 2412	0.000000	149.00000	4107.119658	0.006369427
## 2413	0.000000	12.00000	293.500000	0.050000000
## 2414	0.000000	9.00000	229.666667	0.033333333
## 2415	0.000000	11.00000	155.833333	0.000000000
## 2416	0.000000	92.00000	1688.058761	0.004347826
## 2417	0.000000	10.00000	234.000000	0.022222222
## 2418	0.000000	13.00000	197.200000	0.030769231
## 2419	39.666667	89.00000	3509.130952	0.005617978
## 2420	0.000000	16.00000	866.500000	0.000000000
## 2421	499.000000	12.00000	755.000000	0.000000000
## 2422	0.000000	4.00000	30.000000	0.040000000
## 2423	0.000000	48.00000	1681.523810	0.000000000
## 2424	0.000000	61.00000	2635.616270	0.000000000
## 2425	0.000000	22.00000	231.500000	0.036363636

## 2426	346.166667	9.00000	194.333333 0.000000000
## 2427	108.000000	36.00000	1564.161905 0.018333333
## 2428	58.000000	41.00000	854.286325 0.018750000
## 2429	0.000000	4.00000	124.500000 0.050000000
## 2430	0.000000	34.00000	1021.750000 0.000000000
## 2431	66.000000	77.00000	2660.150000 0.000000000
## 2432	0.000000	2.00000	12.000000 0.050000000
## 2433	125.000000	1.00000	34.000000 0.000000000
## 2434	0.000000	2.00000	17.000000 0.100000000
## 2435	0.000000	36.00000	1135.166667 0.007407407
## 2436	0.000000	13.00000	298.233333 0.000000000
## 2437	0.000000	12.00000	554.500000 0.000000000
## 2438	0.000000	22.00000	335.666667 0.000000000
## 2439	4.000000	95.00000	2107.583333 0.000000000
## 2440	0.000000	4.00000	96.333333 0.000000000
## 2441	10.666667	75.00000	2755.336111 0.002812500
## 2442	0.000000	69.00000	653.277778 0.014705882
## 2443	0.000000	4.00000	44.000000 0.000000000
## 2444	64.000000	33.00000	964.047619 0.000000000
## 2445	0.000000	22.00000	650.666667 0.026086957
## 2446	0.000000	5.00000	256.666667 0.027272727
## 2447	0.000000	5.00000	28.000000 0.120000000
## 2448	0.000000	23.00000	1516.966667 0.000000000
## 2449	0.000000	24.00000	648.067857 0.016666667
## 2450	0.000000	16.00000	462.000000 0.012500000
## 2451	0.000000	6.00000	63.000000 0.000000000
## 2452	39.000000	16.00000	630.500000 0.000000000
## 2453	0.000000	5.00000	42.000000 0.040000000
## 2454	0.000000	19.00000	688.666667 0.042105263
## 2455	0.000000	8.00000	181.000000 0.000000000
## 2456	0.000000	14.00000	285.416667 0.000000000
## 2457	0.000000	7.00000	61.333333 0.014285714
## 2458	0.000000	81.00000	2961.483333 0.007058824
## 2459	0.000000	23.00000	406.000000 0.030434783
## 2460	0.000000	60.00000	3222.758730 0.014367816
## 2461	0.000000	7.00000	128.000000 0.028571429
## 2462	0.000000	19.00000	500.788095 0.000000000
## 2463	0.000000	22.00000	375.750000 0.053968254
## 2464	0.000000	16.00000	534.916667 0.000000000
## 2465	0.000000	8.00000	134.000000 0.000000000
## 2466	0.000000	27.00000	2098.238095 0.037037037
## 2467	0.000000	48.00000	869.100000 0.008510638
## 2468	0.000000	0.00000	0.000000 0.200000000
## 2469	0.000000	21.00000	1494.500000 0.009090909
## 2470	0.000000	13.00000	510.000000 0.000000000
## 2471	52.000000	12.00000	699.250000 0.023809524
## 2472	0.000000	5.00000	331.333333 0.053333333
## 2473	0.000000	2.00000	0.000000 0.200000000
## 2474	0.000000	8.00000	321.000000 0.000000000
## 2475	0.000000	1.00000	0.000000 0.200000000
## 2476	0.000000	13.00000	88.000000 0.115384615
## 2477	115.000000	71.00000	1563.930952 0.006578947
## 2478	0.000000	3.00000	55.000000 0.044444444
## 2479	0.000000	31.00000	419.250000 0.006818182

## 2480	21.000000	157.00000	4643.755952	0.001687764
## 2481	172.000000	21.00000	564.500000	0.000000000
## 2482	0.000000	6.00000	65.666667	0.066666667
## 2483	0.000000	1.00000	0.000000	0.200000000
## 2484	3.000000	42.00000	1462.659125	0.004651163
## 2485	31.000000	23.00000	404.619048	0.000000000
## 2486	0.000000	13.00000	392.000000	0.000000000
## 2487	0.000000	19.00000	960.733333	0.015789474
## 2488	0.000000	1.00000	0.000000	0.200000000
## 2489	0.000000	38.00000	726.276190	0.031578947
## 2490	0.000000	66.00000	4415.333333	0.009950249
## 2491	0.000000	7.00000	40.000000	0.142857143
## 2492	12.000000	52.00000	723.315873	0.001212121
## 2493	80.000000	49.00000	1088.050000	0.011320755
## 2494	62.000000	30.00000	1688.726190	0.000000000
## 2495	0.000000	3.00000	0.000000	0.200000000
## 2496	0.000000	50.00000	998.954545	0.007600000
## 2497	106.000000	22.00000	1654.722222	0.028571429
## 2498	0.000000	12.00000	281.500000	0.016666667
## 2499	0.000000	14.00000	1501.000000	0.093333333
## 2500	0.000000	13.00000	153.583333	0.000000000
## 2501	0.000000	3.00000	109.000000	0.000000000
## 2502	0.000000	19.00000	483.583333	0.021052632
## 2503	0.000000	38.00000	586.333333	0.010526316
## 2504	0.000000	1.00000	0.000000	0.200000000
## 2505	0.000000	41.00000	2213.000000	0.004545455
## 2506	0.000000	7.00000	50.500000	0.057142857
## 2507	10.000000	15.00000	178.000000	0.019607843
## 2508	30.000000	27.00000	1150.192063	0.003125000
## 2509	0.000000	1.00000	0.000000	0.200000000
## 2510	0.000000	32.00000	892.916667	0.005714286
## 2511	0.000000	12.00000	173.000000	0.000000000
## 2512	506.000000	14.00000	289.666667	0.000000000
## 2513	0.000000	22.00000	633.985714	0.004166667
## 2514	0.000000	36.00000	1837.966667	0.032894737
## 2515	154.000000	154.00000	8038.325302	0.007332941
## 2516	724.000000	31.00000	706.983766	0.005714286
## 2517	0.000000	1.00000	0.000000	0.200000000
## 2518	0.000000	4.00000	352.000000	0.000000000
## 2519	0.000000	220.00000	11308.097950	0.001699507
## 2520	0.000000	9.00000	501.500000	0.060000000
## 2521	16.000000	19.00000	497.666667	0.007692308
## 2522	0.000000	27.00000	406.000000	0.064285714
## 2523	30.000000	129.00000	4115.978571	0.001470588
## 2524	0.000000	4.00000	2.333333	0.150000000
## 2525	0.000000	12.00000	121.500000	0.025000000
## 2526	0.000000	9.00000	869.000000	0.000000000
## 2527	0.000000	4.00000	403.000000	0.050000000
## 2528	0.000000	1.00000	12.000000	0.000000000
## 2529	0.000000	15.00000	865.000000	0.026666667
## 2530	0.000000	13.00000	220.333333	0.000000000
## 2531	0.000000	3.00000	222.000000	0.133333333
## 2532	0.000000	16.00000	657.166667	0.000000000
## 2533	0.000000	6.00000	131.000000	0.000000000

## 2534	32.000000	26.00000	1517.900000	0.000000000
## 2535	0.000000	17.00000	538.287879	0.000000000
## 2536	52.000000	60.00000	4139.625000	0.013636364
## 2537	140.000000	26.00000	832.833333	0.006896552
## 2538	0.000000	9.00000	464.000000	0.000000000
## 2539	0.000000	45.00000	673.481380	0.016326531
## 2540	0.000000	18.00000	217.000000	0.005555556
## 2541	0.000000	13.00000	472.995238	0.015384615
## 2542	0.000000	36.00000	1500.380952	0.010810811
## 2543	0.000000	6.00000	241.000000	0.000000000
## 2544	0.000000	16.00000	692.666667	0.000000000
## 2545	269.500000	187.00000	9487.639162	0.000033500
## 2546	0.000000	15.00000	455.500000	0.000000000
## 2547	0.000000	2.00000	49.000000	0.000000000
## 2548	0.000000	4.00000	259.000000	0.100000000
## 2549	0.000000	20.00000	2065.150000	0.005000000
## 2550	0.000000	34.00000	4190.750000	0.021764706
## 2551	0.000000	3.00000	65.000000	0.100000000
## 2552	6.000000	6.00000	129.200000	0.029629630
## 2553	0.000000	37.00000	607.466667	0.000000000
## 2554	28.000000	113.00000	8699.407065	0.019308469
## 2555	0.000000	24.00000	2022.250000	0.008333333
## 2556	0.000000	21.00000	761.250000	0.000000000
## 2557	17.333333	25.00000	874.583333	0.000000000
## 2558	0.000000	21.00000	1483.000000	0.007894737
## 2559	0.000000	22.00000	639.500000	0.000000000
## 2560	0.000000	18.00000	356.000000	0.011111111
## 2561	112.000000	42.00000	2132.683333	0.021288515
## 2562	0.000000	22.00000	431.083333	0.018181818
## 2563	10.000000	16.00000	401.950000	0.004761905
## 2564	0.000000	28.00000	2524.000000	0.008928571
## 2565	0.000000	11.00000	151.500000	0.016666667
## 2566	0.000000	4.00000	117.500000	0.050000000
## 2567	0.000000	31.00000	822.650000	0.020689655
## 2568	0.000000	5.00000	102.000000	0.000000000
## 2569	0.000000	14.00000	1714.166667	0.000000000
## 2570	0.000000	1.00000	0.000000	0.200000000
## 2571	0.000000	26.00000	783.500000	0.007692308
## 2572	0.000000	52.00000	3258.071212	0.000000000
## 2573	146.000000	20.00000	1329.261905	0.010434783
## 2574	0.000000	1.00000	0.000000	0.200000000
## 2575	0.000000	8.00000	87.000000	0.000000000
## 2576	0.000000	43.00000	813.800000	0.023255814
## 2577	382.333333	30.00000	1039.477564	0.004285714
## 2578	0.000000	9.00000	531.000000	0.000000000
## 2579	0.000000	31.00000	1239.083333	0.006666667
## 2580	189.000000	37.00000	1306.028022	0.004263566
## 2581	0.000000	24.00000	543.750000	0.016000000
## 2582	0.000000	9.00000	315.600000	0.022222222
## 2583	0.000000	8.00000	258.833333	0.037500000
## 2584	0.000000	27.00000	420.000000	0.000000000
## 2585	0.000000	22.00000	623.416667	0.018518519
## 2586	124.000000	12.00000	1040.333333	0.000000000
## 2587	27.500000	154.00000	3395.729484	0.007660455

## 2588	0.000000	4.00000	126.000000	0.000000000
## 2589	0.000000	2.00000	21.000000	0.000000000
## 2590	140.000000	35.00000	701.500000	0.029411765
## 2591	0.000000	52.00000	2059.109203	0.003747073
## 2592	0.000000	3.00000	11.000000	0.033333333
## 2593	0.000000	10.00000	203.416667	0.000000000
## 2594	0.000000	4.00000	60.000000	0.050000000
## 2595	0.000000	7.00000	65.000000	0.114285714
## 2596	0.000000	21.00000	197.333333	0.009523810
## 2597	0.000000	24.00000	300.666667	0.008333333
## 2598	0.000000	28.00000	471.000000	0.029629630
## 2599	0.000000	112.00000	7968.903361	0.003093259
## 2600	0.000000	8.00000	105.000000	0.000000000
## 2601	0.000000	26.00000	2607.500000	0.024000000
## 2602	14.000000	51.00000	865.672222	0.007407407
## 2603	0.000000	42.00000	1076.977778	0.010975610
## 2604	0.000000	60.00000	2818.094444	0.016666667
## 2605	0.000000	5.00000	234.966667	0.000000000
## 2606	0.000000	13.00000	935.000000	0.000000000
## 2607	0.000000	22.00000	1662.733333	0.000000000
## 2608	0.000000	1.00000	0.000000	0.200000000
## 2609	0.000000	10.00000	155.000000	0.000000000
## 2610	0.000000	13.00000	436.600000	0.002564103
## 2611	0.000000	6.00000	80.000000	0.100000000
## 2612	0.000000	47.00000	716.625000	0.000000000
## 2613	0.000000	32.00000	1223.416667	0.000000000
## 2614	0.000000	28.00000	1286.750000	0.000000000
## 2615	0.000000	2.00000	83.000000	0.000000000
## 2616	0.000000	35.00000	897.666667	0.011764706
## 2617	12.000000	22.00000	2178.672222	0.013827160
## 2618	0.000000	34.00000	3195.828571	0.002564103
## 2619	0.000000	5.00000	116.500000	0.000000000
## 2620	72.000000	33.00000	1143.657143	0.000000000
## 2621	0.000000	1.00000	43.000000	0.000000000
## 2622	141.166667	50.00000	2871.262932	0.001851852
## 2623	0.000000	25.00000	417.966667	0.000000000
## 2624	0.000000	3.00000	129.000000	0.000000000
## 2625	0.000000	13.00000	1248.000000	0.000000000
## 2626	0.000000	9.00000	837.666667	0.000000000
## 2627	0.000000	23.00000	418.233333	0.000000000
## 2628	0.000000	8.00000	370.000000	0.000000000
## 2629	0.000000	21.00000	743.916667	0.004000000
## 2630	0.000000	1.00000	0.000000	0.200000000
## 2631	113.000000	27.00000	3178.583333	0.025000000
## 2632	0.000000	17.00000	463.666667	0.000000000
## 2633	0.000000	23.00000	178.600000	0.086956522
## 2634	0.000000	1.00000	0.000000	0.200000000
## 2635	0.000000	8.00000	24.000000	0.150000000
## 2636	0.000000	12.00000	689.750000	0.000000000
## 2637	0.000000	0.00000	0.000000	0.200000000
## 2638	0.000000	39.00000	963.166667	0.005405405
## 2639	0.000000	6.00000	387.000000	0.133333333
## 2640	0.000000	1.00000	0.000000	0.200000000
## 2641	0.000000	11.00000	534.000000	0.015384615

## 2642	0.000000	1.00000	0.000000 0.200000000
## 2643	0.000000	26.00000	338.233333 0.024871795
## 2644	0.000000	20.00000	255.750000 0.000000000
## 2645	0.000000	9.00000	228.500000 0.022222222
## 2646	0.000000	6.00000	72.900000 0.000000000
## 2647	0.000000	26.00000	982.833333 0.000000000
## 2648	0.000000	22.00000	473.500000 0.000000000
## 2649	0.000000	4.00000	636.000000 0.000000000
## 2650	0.000000	58.00000	1806.504167 0.013793103
## 2651	0.000000	6.00000	21.000000 0.000000000
## 2652	0.000000	40.00000	1111.245175 0.014750000
## 2653	0.000000	11.00000	1055.500000 0.018181818
## 2654	0.000000	7.00000	59.000000 0.000000000
## 2655	0.000000	2.00000	23.000000 0.000000000
## 2656	0.000000	5.00000	25.000000 0.120000000
## 2657	246.000000	51.00000	2697.487879 0.004310345
## 2658	0.000000	1.00000	0.000000 0.200000000
## 2659	0.000000	3.00000	115.000000 0.000000000
## 2660	0.000000	15.00000	272.333333 0.013333333
## 2661	0.000000	1.00000	0.000000 0.200000000
## 2662	0.000000	16.00000	895.809524 0.000000000
## 2663	0.000000	16.00000	200.000000 0.034375000
## 2664	114.000000	26.00000	607.977778 0.000000000
## 2665	0.000000	28.00000	615.816667 0.007407407
## 2666	0.000000	1.00000	0.000000 0.200000000
## 2667	0.000000	6.00000	1133.666667 0.028205128
## 2668	0.000000	5.00000	131.500000 0.040000000
## 2669	0.000000	30.00000	2759.833333 0.025000000
## 2670	0.000000	42.00000	1433.083333 0.005000000
## 2671	0.000000	15.00000	743.666667 0.010000000
## 2672	0.000000	16.00000	680.750000 0.000000000
## 2673	0.000000	11.00000	118.666667 0.027272727
## 2674	0.000000	7.00000	136.000000 0.000000000
## 2675	0.000000	19.00000	2236.900000 0.000000000
## 2676	0.000000	29.00000	2841.000000 0.000000000
## 2677	0.000000	2.00000	15.000000 0.000000000
## 2678	0.000000	41.00000	895.833333 0.057142857
## 2679	166.000000	86.00000	2559.541228 0.008333333
## 2680	584.000000	25.00000	1161.767949 0.018070818
## 2681	0.000000	17.00000	252.000000 0.023529412
## 2682	0.000000	4.00000	13.000000 0.028571429
## 2683	0.000000	11.00000	385.000000 0.000000000
## 2684	0.000000	29.00000	582.000000 0.006896552
## 2685	0.000000	64.00000	1550.211111 0.000000000
## 2686	0.000000	43.00000	1738.250000 0.006349206
## 2687	0.000000	17.00000	176.666667 0.078947368
## 2688	0.000000	2.00000	3.000000 0.100000000
## 2689	0.000000	24.00000	304.523077 0.000000000
## 2690	0.000000	9.00000	268.500000 0.055555556
## 2691	0.000000	14.00000	101.250000 0.000000000
## 2692	168.500000	14.00000	361.500000 0.009090909
## 2693	0.000000	41.00000	492.683333 0.000000000
## 2694	0.000000	18.00000	397.666667 0.000000000
## 2695	0.000000	5.00000	73.000000 0.040000000

## 2696	0.000000	2.00000	0.000000 0.200000000
## 2697	0.000000	67.00000	4290.833333 0.000000000
## 2698	173.000000	36.00000	2542.333333 0.042592593
## 2699	45.000000	62.00000	3657.101515 0.000952381
## 2700	0.000000	10.00000	60.000000 0.000000000
## 2701	0.000000	18.00000	920.000000 0.122222222
## 2702	97.000000	34.00000	670.422619 0.010810811
## 2703	0.000000	83.00000	2101.466667 0.000000000
## 2704	0.000000	1.00000	0.000000 0.200000000
## 2705	0.000000	11.00000	578.333333 0.050000000
## 2706	34.506387	31.76388	31.763884 0.022152462
## 2707	0.000000	7.00000	82.000000 0.000000000
## 2708	0.000000	16.00000	502.500000 0.000000000
## 2709	0.000000	5.00000	465.500000 0.120000000
## 2710	282.000000	52.00000	1283.052597 0.024747475
## 2711	0.000000	23.00000	226.256410 0.008695652
## 2712	0.000000	46.00000	1535.242063 0.021938776
## 2713	0.000000	24.00000	762.333333 0.030769231
## 2714	0.000000	3.00000	0.000000 0.200000000
## 2715	0.000000	16.00000	177.500000 0.025000000
## 2716	0.000000	7.00000	80.000000 0.028571429
## 2717	0.000000	34.00000	1266.333333 0.005882353
## 2718	2.000000	39.00000	1050.708333 0.021162791
## 2719	0.000000	14.00000	212.833333 0.010526316
## 2720	0.000000	35.00000	1386.716667 0.020000000
## 2721	0.000000	1.00000	0.000000 0.200000000
## 2722	0.000000	27.00000	2514.250000 0.000000000
## 2723	0.000000	8.00000	125.000000 0.000000000
## 2724	55.000000	10.00000	1968.250000 0.014285714
## 2725	0.000000	9.00000	300.000000 0.011111111
## 2726	42.000000	37.00000	1517.750000 0.019512195
## 2727	0.000000	26.00000	1056.666667 0.016571429
## 2728	0.000000	16.00000	399.000000 0.021052632
## 2729	63.000000	104.00000	2743.819189 0.000000000
## 2730	125.000000	12.00000	332.000000 0.000000000
## 2731	0.000000	4.00000	56.000000 0.100000000
## 2732	0.000000	37.00000	769.000000 0.000000000
## 2733	0.000000	13.00000	178.833333 0.000000000
## 2734	0.000000	7.00000	88.000000 0.000000000
## 2735	135.000000	27.00000	517.392857 0.000000000
## 2736	8.000000	37.00000	1683.633333 0.000000000
## 2737	165.000000	12.00000	833.000000 0.016666667
## 2738	0.000000	25.00000	319.333333 0.016666667
## 2739	0.000000	20.00000	733.500000 0.012698413
## 2740	0.000000	6.00000	224.000000 0.000000000
## 2741	0.000000	11.00000	822.000000 0.054545455
## 2742	0.000000	14.00000	838.550000 0.000000000
## 2743	0.000000	44.00000	2479.000000 0.022727273
## 2744	0.000000	18.00000	519.500000 0.000000000
## 2745	0.000000	38.00000	1035.935714 0.037894737
## 2746	0.000000	2.00000	0.000000 0.200000000
## 2747	0.000000	8.00000	149.000000 0.000000000
## 2748	0.000000	8.00000	160.500000 0.000000000
## 2749	0.000000	2.00000	0.000000 0.200000000

## 2750	0.000000	10.00000	3.000000	0.140000000
## 2751	0.000000	20.00000	219.500000	0.120000000
## 2752	0.000000	7.00000	858.500000	0.028571429
## 2753	0.000000	2.00000	54.500000	0.100000000
## 2754	25.000000	15.00000	412.833333	0.000000000
## 2755	0.000000	8.00000	107.000000	0.000000000
## 2756	0.000000	14.00000	342.500000	0.000000000
## 2757	0.000000	31.00000	1138.504762	0.020000000
## 2758	0.000000	16.00000	544.833333	0.004761905
## 2759	0.000000	7.00000	176.333333	0.000000000
## 2760	0.000000	2.00000	19.000000	0.000000000
## 2761	0.000000	13.00000	687.500000	0.000000000
## 2762	0.000000	3.00000	22.000000	0.066666667
## 2763	0.000000	44.00000	3227.500000	0.000000000
## 2764	0.000000	39.00000	440.666667	0.015789474
## 2765	0.000000	3.00000	65.000000	0.111111111
## 2766	189.500000	22.00000	2297.801282	0.014743590
## 2767	0.000000	6.00000	28.000000	0.066666667
## 2768	0.000000	10.00000	22.500000	0.100000000
## 2769	0.000000	15.00000	194.066667	0.001904762
## 2770	0.000000	56.00000	2145.563492	0.011403509
## 2771	0.000000	33.00000	1703.321429	0.000000000
## 2772	0.000000	15.00000	1999.833333	0.015384615
## 2773	0.000000	1.00000	0.000000	0.200000000
## 2774	424.500000	115.00000	3382.287999	0.005346832
## 2775	0.000000	13.00000	2038.000000	0.000000000
## 2776	0.000000	53.00000	2409.068434	0.001960784
## 2777	1307.000000	131.00000	9487.940434	0.001726619
## 2778	0.000000	159.00000	4668.052051	0.005696203
## 2779	0.000000	12.00000	201.666667	0.018181818
## 2780	0.000000	7.00000	156.833333	0.000000000
## 2781	0.000000	8.00000	412.166667	0.000000000
## 2782	0.000000	50.00000	2617.233333	0.000000000
## 2783	0.000000	1.00000	0.000000	0.200000000
## 2784	0.000000	22.00000	465.705128	0.000000000
## 2785	0.000000	8.00000	245.000000	0.100000000
## 2786	0.000000	14.00000	803.000000	0.046153846
## 2787	0.000000	16.00000	360.000000	0.000000000
## 2788	0.000000	3.00000	20.000000	0.053333333
## 2789	0.000000	3.00000	258.500000	0.000000000
## 2790	0.000000	20.00000	887.583333	0.000000000
## 2791	0.000000	14.00000	394.250000	0.000000000
## 2792	37.000000	52.00000	1941.083333	0.017543860
## 2793	0.000000	16.00000	142.500000	0.037500000
## 2794	0.000000	6.00000	270.214286	0.000000000
## 2795	81.500000	23.00000	541.666667	0.001111111
## 2796	0.000000	1.00000	0.000000	0.200000000
## 2797	147.166667	43.00000	1090.060606	0.004081633
## 2798	0.000000	2.00000	34.000000	0.000000000
## 2799	0.000000	4.00000	219.500000	0.000000000
## 2800	0.000000	14.00000	253.800000	0.000000000
## 2801	0.000000	12.00000	202.000000	0.000000000
## 2802	0.000000	38.00000	2259.533333	0.002105263
## 2803	0.000000	14.00000	797.333333	0.000000000

## 2804	0.000000	29.00000	594.966667	0.013793103
## 2805	0.000000	7.00000	117.000000	0.000000000
## 2806	0.000000	9.00000	108.000000	0.000000000
## 2807	3.500000	13.00000	503.000000	0.000000000
## 2808	0.000000	46.00000	1425.750000	0.008888889
## 2809	0.000000	8.00000	188.500000	0.000000000
## 2810	0.000000	20.00000	1722.866667	0.010000000
## 2811	0.000000	6.00000	313.000000	0.000000000
## 2812	0.000000	35.00000	1078.727778	0.000000000
## 2813	83.000000	62.00000	2050.395743	0.005882353
## 2814	0.000000	1.00000	0.000000	0.200000000
## 2815	0.000000	32.00000	1040.166667	0.011764706
## 2816	0.000000	65.00000	1803.758333	0.004687500
## 2817	0.000000	12.00000	136.500000	0.016666667
## 2818	0.000000	68.00000	2241.844444	0.010958904
## 2819	0.000000	19.00000	482.500000	0.000000000
## 2820	0.000000	25.00000	1225.857143	0.012000000
## 2821	0.000000	10.00000	573.166667	0.000000000
## 2822	0.000000	16.00000	507.833333	0.000000000
## 2823	0.000000	5.00000	108.000000	0.000000000
## 2824	0.000000	11.00000	458.500000	0.000000000
## 2825	0.000000	4.00000	25.000000	0.050000000
## 2826	0.000000	10.00000	724.000000	0.000000000
## 2827	0.000000	5.00000	93.500000	0.000000000
## 2828	0.000000	19.00000	196.500000	0.000000000
## 2829	0.000000	47.00000	483.300000	0.016326531
## 2830	0.000000	37.00000	511.166667	0.018018018
## 2831	0.000000	94.00000	2129.536752	0.003157895
## 2832	0.000000	16.00000	480.300000	0.012500000
## 2833	0.000000	13.00000	143.000000	0.100000000
## 2834	0.000000	22.00000	352.800000	0.000000000
## 2835	0.000000	6.00000	657.500000	0.000000000
## 2836	0.000000	37.00000	1384.383333	0.006766917
## 2837	39.000000	16.00000	1280.166667	0.000000000
## 2838	0.000000	5.00000	95.500000	0.000000000
## 2839	0.000000	115.00000	1822.008117	0.001169591
## 2840	0.000000	31.00000	1269.766667	0.012121212
## 2841	0.000000	10.00000	149.600000	0.020000000
## 2842	0.000000	23.00000	1817.000000	0.053333333
## 2843	120.000000	204.00000	9143.435714	0.004807692
## 2844	0.000000	68.00000	1080.150000	0.000000000
## 2845	0.000000	7.00000	316.250000	0.000000000
## 2846	0.000000	40.00000	1783.250000	0.008333333
## 2847	0.000000	35.00000	1384.533333	0.001754386
## 2848	0.000000	12.00000	197.500000	0.000000000
## 2849	0.000000	5.00000	0.000000	0.200000000
## 2850	0.000000	23.00000	996.438095	0.000000000
## 2851	0.000000	7.00000	368.500000	0.000000000
## 2852	0.000000	3.00000	54.500000	0.000000000
## 2853	0.000000	4.00000	228.500000	0.033333333
## 2854	0.000000	66.00000	1285.548533	0.004109589
## 2855	16.000000	142.00000	6223.870847	0.000000000
## 2856	0.000000	33.00000	841.033333	0.015151515
## 2857	0.000000	25.00000	1250.500000	0.056000000

## 2858	913.000000	31.00000	699.500000 0.000000000
## 2859	15.000000	50.00000	1766.855952 0.002884615
## 2860	0.000000	24.00000	567.450000 0.040000000
## 2861	0.000000	5.00000	90.666667 0.040000000
## 2862	0.000000	14.00000	158.500000 0.000000000
## 2863	0.000000	24.00000	981.166667 0.051388889
## 2864	0.000000	19.00000	1661.750000 0.000000000
## 2865	9.000000	14.00000	548.250000 0.022222222
## 2866	0.000000	36.00000	808.083333 0.000000000
## 2867	0.000000	7.00000	87.500000 0.028571429
## 2868	0.000000	11.00000	276.000000 0.000000000
## 2869	0.000000	19.00000	130.500000 0.084210526
## 2870	0.000000	8.00000	321.500000 0.075000000
## 2871	0.000000	1.00000	0.000000 0.200000000
## 2872	0.000000	23.00000	1875.744689 0.028571429
## 2873	0.000000	3.00000	117.000000 0.066666667
## 2874	0.000000	48.00000	4346.916667 0.020138889
## 2875	0.000000	45.00000	884.335714 0.001086957
## 2876	31.000000	41.00000	1678.733333 0.010000000
## 2877	0.000000	24.00000	325.833333 0.000000000
## 2878	0.000000	19.00000	436.000000 0.000000000
## 2879	0.000000	3.00000	27.000000 0.066666667
## 2880	44.000000	14.00000	549.500000 0.000000000
## 2881	0.000000	1.00000	0.000000 0.200000000
## 2882	0.000000	55.00000	4277.000000 0.003636364
## 2883	0.000000	13.00000	173.000000 0.000000000
## 2884	0.000000	6.00000	179.500000 0.033333333
## 2885	149.000000	11.00000	561.550000 0.014285714
## 2886	0.000000	30.00000	2136.000000 0.000000000
## 2887	9.000000	43.00000	2797.816667 0.000000000
## 2888	0.000000	28.00000	643.875000 0.000000000
## 2889	47.000000	32.00000	898.833333 0.068571429
## 2890	0.000000	31.00000	453.000000 0.000000000
## 2891	0.000000	28.00000	888.000000 0.014285714
## 2892	0.000000	206.00000	9997.728571 0.001439737
## 2893	0.000000	16.00000	588.333333 0.028571429
## 2894	448.500000	102.00000	5703.476786 0.001739130
## 2895	0.000000	83.00000	1495.580952 0.000000000
## 2896	0.000000	6.00000	66.500000 0.011111111
## 2897	0.000000	2.00000	134.000000 0.000000000
## 2898	0.000000	22.00000	2905.500000 0.010000000
## 2899	0.000000	18.00000	521.500000 0.022222222
## 2900	0.000000	5.00000	47.000000 0.020000000
## 2901	0.000000	1.00000	0.000000 0.200000000
## 2902	0.000000	52.00000	1192.317857 0.006410256
## 2903	0.000000	22.00000	355.666667 0.047619048
## 2904	0.000000	11.00000	332.500000 0.000000000
## 2905	0.000000	11.00000	297.300000 0.000000000
## 2906	0.000000	53.00000	2309.995238 0.047479439
## 2907	0.000000	26.00000	810.371377 0.019230769
## 2908	0.000000	7.00000	384.500000 0.000000000
## 2909	0.000000	53.00000	975.972222 0.001851852
## 2910	0.000000	4.00000	127.000000 0.000000000
## 2911	0.000000	6.00000	107.000000 0.006060606

## 2912	0.000000	6.00000	50.000000	0.000000000
## 2913	0.000000	43.00000	3382.083333	0.000000000
## 2914	0.000000	8.00000	541.500000	0.050000000
## 2915	0.000000	2.00000	25.000000	0.000000000
## 2916	0.000000	9.00000	210.500000	0.044444444
## 2917	0.000000	43.00000	1343.097619	0.037878788
## 2918	0.000000	9.00000	953.833333	0.000000000
## 2919	0.000000	24.00000	674.500000	0.041666667
## 2920	10.000000	64.00000	817.016377	0.000000000
## 2921	36.333333	31.00000	1124.916667	0.000000000
## 2922	118.000000	313.00000	7428.181584	0.002509267
## 2923	61.000000	145.00000	5577.826456	0.002688695
## 2924	0.000000	17.00000	887.833333	0.006250000
## 2925	0.000000	25.00000	2765.200000	0.008000000
## 2926	13.000000	4.00000	145.000000	0.000000000
## 2927	406.000000	60.00000	3121.283333	0.002857143
## 2928	0.000000	57.00000	1190.548851	0.007017544
## 2929	0.000000	18.00000	410.916667	0.105263158
## 2930	0.000000	25.00000	710.500000	0.032000000
## 2931	0.000000	9.00000	319.666667	0.033333333
## 2932	0.000000	1.00000	0.000000	0.200000000
## 2933	0.000000	5.00000	91.000000	0.000000000
## 2934	0.000000	6.00000	191.000000	0.066666667
## 2935	0.000000	20.00000	401.500000	0.000000000
## 2936	0.000000	7.00000	117.500000	0.000000000
## 2937	10.166667	85.00000	1311.072012	0.002657807
## 2938	0.000000	4.00000	157.000000	0.000000000
## 2939	9.500000	17.00000	414.333333	0.000000000
## 2940	0.000000	54.00000	1155.033333	0.001282051
## 2941	0.000000	97.00000	1589.183333	0.008070175
## 2942	0.000000	2.00000	233.500000	0.000000000
## 2943	0.000000	28.00000	1384.071429	0.007142857
## 2944	0.000000	1.00000	0.000000	0.000000000
## 2945	27.000000	21.00000	452.814103	0.044000000
## 2946	0.000000	30.00000	1708.083333	0.006666667
## 2947	0.000000	10.00000	1057.000000	0.022222222
## 2948	0.000000	61.00000	3374.916667	0.001111111
## 2949	646.000000	83.00000	5448.994444	0.008888889
## 2950	0.000000	21.00000	654.500000	0.009090909
## 2951	0.000000	17.00000	389.000000	0.000000000
## 2952	0.000000	11.00000	1435.000000	0.054545455
## 2953	15.000000	19.00000	512.066667	0.009523810
## 2954	0.000000	21.00000	797.295238	0.000000000
## 2955	0.000000	22.00000	555.866667	0.009523810
## 2956	0.000000	56.00000	2954.759524	0.013793103
## 2957	0.000000	2.00000	0.000000	0.200000000
## 2958	0.000000	5.00000	97.166667	0.000000000
## 2959	0.000000	2.00000	291.000000	0.000000000
## 2960	0.000000	4.00000	36.000000	0.100000000
## 2961	0.000000	18.00000	472.000000	0.030555556
## 2962	0.000000	14.00000	628.000000	0.014285714
## 2963	0.000000	6.00000	129.000000	0.000000000
## 2964	32.000000	81.00000	1141.061905	0.001605136
## 2965	0.000000	5.00000	105.000000	0.040000000

## 2966	0.000000	5.00000	273.500000 0.000000000
## 2967	0.000000	11.00000	467.000000 0.000000000
## 2968	0.000000	25.00000	461.222222 0.000000000
## 2969	0.000000	5.00000	198.000000 0.000000000
## 2970	0.000000	7.00000	220.333333 0.000000000
## 2971	0.000000	5.00000	241.000000 0.000000000
## 2972	26.666667	67.00000	1783.122222 0.000000000
## 2973	0.000000	34.00000	731.523809 0.020588235
## 2974	77.000000	198.00000	3057.809524 0.000000000
## 2975	0.000000	90.00000	601.790196 0.002222222
## 2976	459.000000	17.00000	1370.067857 0.021739130
## 2977	0.000000	4.00000	59.000000 0.000000000
## 2978	0.000000	27.00000	694.000000 0.007142857
## 2979	0.000000	4.00000	39.000000 0.040000000
## 2980	0.000000	27.00000	321.666667 0.051190476
## 2981	0.000000	11.00000	540.500000 0.000000000
## 2982	10.000000	51.00000	4977.850000 0.000000000
## 2983	0.000000	20.00000	1066.166667 0.005000000
## 2984	0.000000	48.00000	1142.666667 0.000000000
## 2985	0.000000	25.00000	1294.183333 0.014814815
## 2986	0.000000	26.00000	1086.178571 0.014285714
## 2987	0.000000	14.00000	221.500000 0.000000000
## 2988	0.000000	59.00000	754.226191 0.000000000
## 2989	0.000000	22.00000	432.571429 0.000000000
## 2990	0.000000	19.00000	1051.500000 0.008333333
## 2991	12.000000	39.00000	1101.333333 0.009523810
## 2992	102.000000	81.00000	2477.666667 0.001149425
## 2993	0.000000	37.00000	1501.166667 0.000000000
## 2994	18.000000	85.00000	1736.447368 0.003069054
## 2995	0.000000	13.00000	94.500000 0.015384615
## 2996	0.000000	10.00000	269.000000 0.000000000
## 2997	18.000000	36.00000	833.083333 0.032432432
## 2998	0.000000	4.00000	86.750000 0.000000000
## 2999	0.000000	44.00000	547.000000 0.060000000
## 3000	0.000000	5.00000	1474.500000 0.000000000
## 3001	0.000000	1.00000	0.000000 0.200000000
## 3002	0.000000	11.00000	787.000000 0.033333333
## 3003	0.000000	3.00000	17.000000 0.066666667
## 3004	0.000000	7.00000	323.500000 0.000000000
## 3005	163.000000	62.00000	813.051948 0.003225806
## 3006	0.000000	11.00000	2028.500000 0.000000000
## 3007	0.000000	56.00000	2220.871465 0.003389831
## 3008	0.000000	15.00000	440.000000 0.000000000
## 3009	0.000000	17.00000	1356.000000 0.000000000
## 3010	0.000000	6.00000	399.000000 0.000000000
## 3011	0.000000	13.00000	231.500000 0.015384615
## 3012	196.000000	11.00000	438.583333 0.012500000
## 3013	0.000000	5.00000	164.000000 0.000000000
## 3014	0.000000	8.00000	347.666667 0.087500000
## 3015	33.000000	6.00000	64.000000 0.000000000
## 3016	20.000000	57.00000	2931.580303 0.004000000
## 3017	55.000000	63.00000	1462.450000 0.000000000
## 3018	0.000000	22.00000	402.500000 0.047619048
## 3019	0.000000	18.00000	727.619048 0.000000000

## 3020	59.500000	15.00000	553.166667	0.000000000
## 3021	0.000000	22.00000	460.666667	0.000000000
## 3022	0.000000	2.00000	0.000000	0.200000000
## 3023	0.000000	22.00000	2837.166667	0.000000000
## 3024	0.000000	34.00000	541.500000	0.017142857
## 3025	0.000000	2.00000	13.000000	0.000000000
## 3026	0.000000	3.00000	70.500000	0.000000000
## 3027	0.000000	3.00000	264.000000	0.000000000
## 3028	0.000000	89.00000	1638.888095	0.014367816
## 3029	0.000000	14.00000	1383.500000	0.000000000
## 3030	0.000000	5.00000	215.000000	0.040000000
## 3031	0.000000	26.00000	1382.665140	0.017283951
## 3032	537.000000	42.00000	352.500000	0.004255319
## 3033	0.000000	41.00000	1444.166667	0.009756098
## 3034	0.000000	16.00000	250.083333	0.000000000
## 3035	0.000000	15.00000	327.500000	0.000000000
## 3036	0.000000	48.00000	1085.078571	0.015833333
## 3037	0.000000	58.00000	2665.798039	0.007142857
## 3038	0.000000	5.00000	164.000000	0.040000000
## 3039	0.000000	20.00000	816.500000	0.050000000
## 3040	10.000000	25.00000	2877.500000	0.007692308
## 3041	0.000000	3.00000	36.000000	0.000000000
## 3042	0.000000	19.00000	448.033333	0.000000000
## 3043	0.000000	6.00000	30.000000	0.183333333
## 3044	0.000000	181.00000	6842.002513	0.000000000
## 3045	0.000000	126.00000	2645.833333	0.004511278
## 3046	0.000000	21.00000	586.189286	0.000000000
## 3047	0.000000	37.00000	1133.016667	0.000000000
## 3048	0.000000	42.00000	562.666667	0.009340659
## 3049	0.000000	11.00000	219.500000	0.018181818
## 3050	0.000000	35.00000	468.000000	0.011428571
## 3051	0.000000	62.00000	3000.250794	0.004918033
## 3052	20.000000	13.00000	816.954545	0.028571429
## 3053	0.000000	1.00000	0.000000	0.200000000
## 3054	0.000000	9.00000	143.000000	0.055555556
## 3055	0.000000	15.00000	1861.500000	0.000000000
## 3056	0.000000	6.00000	815.000000	0.050000000
## 3057	0.000000	6.00000	165.500000	0.000000000
## 3058	0.000000	26.00000	1090.916667	0.014193548
## 3059	0.000000	8.00000	133.000000	0.000000000
## 3060	0.000000	9.00000	83.000000	0.044444444
## 3061	0.000000	7.00000	24.000000	0.042857143
## 3062	0.000000	25.00000	533.071429	0.000000000
## 3063	0.000000	13.00000	303.400000	0.000000000
## 3064	0.000000	31.00000	516.476191	0.006896552
## 3065	0.000000	5.00000	72.500000	0.000000000
## 3066	0.000000	34.00000	652.923809	0.006250000
## 3067	0.000000	79.00000	3393.903571	0.017761848
## 3068	0.000000	11.00000	210.000000	0.009090909
## 3069	0.000000	10.00000	466.500000	0.000000000
## 3070	0.000000	28.00000	2778.333333	0.007142857
## 3071	0.000000	10.00000	677.500000	0.047619048
## 3072	0.000000	23.00000	908.466667	0.033333333
## 3073	0.000000	22.00000	346.833333	0.038095238

## 3074	0.000000	25.00000	481.166667	0.000000000
## 3075	88.000000	22.00000	661.630952	0.007692308
## 3076	0.000000	13.00000	324.000000	0.000000000
## 3077	0.000000	11.00000	185.000000	0.000000000
## 3078	15.000000	26.00000	670.166667	0.000000000
## 3079	0.000000	15.00000	183.833333	0.066666667
## 3080	193.250000	106.00000	5633.538274	0.008878505
## 3081	0.000000	5.00000	17.000000	0.000000000
## 3082	0.000000	12.00000	936.000000	0.000000000
## 3083	0.000000	42.00000	1329.666667	0.000000000
## 3084	0.000000	1.00000	24.000000	0.000000000
## 3085	0.000000	26.00000	1026.750000	0.000000000
## 3086	76.000000	35.00000	2068.928571	0.000000000
## 3087	0.000000	4.00000	118.000000	0.050000000
## 3088	0.000000	9.00000	167.000000	0.022222222
## 3089	0.000000	3.00000	35.000000	0.066666667
## 3090	0.000000	1.00000	0.000000	0.200000000
## 3091	0.000000	4.00000	57.000000	0.100000000
## 3092	0.000000	46.00000	953.068687	0.000000000
## 3093	0.000000	11.00000	714.500000	0.014285714
## 3094	0.000000	1.00000	0.000000	0.200000000
## 3095	0.000000	5.00000	25.000000	0.120000000
## 3096	0.000000	61.00000	1797.298291	0.025147059
## 3097	0.000000	10.00000	154.500000	0.000000000
## 3098	0.000000	8.00000	118.000000	0.000000000
## 3099	0.000000	48.00000	805.099298	0.000000000
## 3100	0.000000	9.00000	138.500000	0.022222222
## 3101	33.000000	38.00000	1190.616667	0.004444444
## 3102	0.000000	20.00000	411.388889	0.009523810
## 3103	0.000000	47.00000	778.761905	0.042553191
## 3104	0.000000	18.00000	495.000000	0.011111111
## 3105	0.000000	22.00000	512.050000	0.043750000
## 3106	0.000000	21.00000	998.400000	0.004000000
## 3107	34.000000	30.00000	1049.833333	0.012500000
## 3108	0.000000	12.00000	472.916667	0.000000000
## 3109	1360.000000	157.00000	5645.176455	0.002692308
## 3110	0.000000	1.00000	0.000000	0.200000000
## 3111	0.000000	6.00000	1615.000000	0.000000000
## 3112	0.000000	5.00000	28.333333	0.040000000
## 3113	0.000000	2.00000	7.000000	0.000000000
## 3114	0.000000	19.00000	283.500000	0.000000000
## 3115	0.000000	85.00000	2694.833333	0.000000000
## 3116	0.000000	32.00000	1130.846970	0.014705882
## 3117	0.000000	112.00000	2478.622727	0.000000000
## 3118	0.000000	29.00000	1714.400000	0.024074074
## 3119	0.000000	46.00000	2213.366667	0.034782609
## 3120	0.000000	2.00000	0.000000	0.200000000
## 3121	0.000000	22.00000	739.583333	0.009090909
## 3122	46.666667	74.00000	3206.193407	0.004819277
## 3123	0.000000	1.00000	0.000000	0.200000000
## 3124	216.000000	17.00000	1243.500000	0.000000000
## 3125	900.500000	24.00000	1448.333333	0.000000000
## 3126	0.000000	1.00000	0.000000	0.200000000
## 3127	0.000000	11.00000	304.000000	0.000000000

## 3128	0.000000	25.00000	304.500000	0.000000000
## 3129	0.000000	86.00000	1699.666667	0.013953488
## 3130	0.000000	4.00000	467.000000	0.000000000
## 3131	13.000000	63.00000	4833.925000	0.006153846
## 3132	9.000000	109.00000	3731.138116	0.004861111
## 3133	0.000000	2.00000	20.000000	0.000000000
## 3134	0.000000	1.00000	0.000000	0.200000000
## 3135	0.000000	6.00000	245.000000	0.083333333
## 3136	0.000000	1.00000	504.000000	0.000000000
## 3137	0.000000	19.00000	1263.333333	0.011764706
## 3138	214.500000	112.00000	4509.823016	0.004166667
## 3139	196.000000	36.00000	585.178355	0.000000000
## 3140	0.000000	0.00000	0.000000	0.200000000
## 3141	0.000000	26.00000	536.000000	0.007407407
## 3142	78.000000	18.00000	570.333333	0.000000000
## 3143	0.000000	15.00000	496.750000	0.000000000
## 3144	0.000000	85.00000	2197.195238	0.015000000
## 3145	0.000000	4.00000	72.666667	0.000000000
## 3146	909.000000	23.00000	542.333333	0.000000000
## 3147	0.000000	10.00000	342.166667	0.000000000
## 3148	62.500000	80.00000	1190.418903	0.005714286
## 3149	0.000000	2.00000	74.666667	0.000000000
## 3150	107.000000	58.00000	1978.214286	0.000000000
## 3151	0.000000	79.00000	3129.393438	0.018258179
## 3152	0.000000	11.00000	751.500000	0.018181818
## 3153	104.500000	111.00000	2748.624538	0.005420054
## 3154	0.000000	12.00000	321.833333	0.015384615
## 3155	91.000000	109.00000	2926.431962	0.000000000
## 3156	93.666667	54.00000	2070.643939	0.003773585
## 3157	0.000000	8.00000	214.333333	0.040000000
## 3158	10.500000	5.00000	39.500000	0.000000000
## 3159	0.000000	49.00000	1592.133333	0.003636364
## 3160	0.000000	26.00000	986.916667	0.000000000
## 3161	0.000000	12.00000	418.333333	0.000000000
## 3162	0.000000	12.00000	1111.000000	0.000000000
## 3163	0.000000	4.00000	536.500000	0.000000000
## 3164	38.500000	32.00000	410.116667	0.004301075
## 3165	0.000000	3.00000	5.000000	0.100000000
## 3166	33.000000	79.00000	2650.408502	0.000766284
## 3167	0.000000	15.00000	450.200000	0.000000000
## 3168	0.000000	131.00000	2749.058333	0.009090909
## 3169	0.000000	75.00000	1959.304762	0.005479452
## 3170	0.000000	35.00000	869.061111	0.000000000
## 3171	0.000000	25.00000	1320.500000	0.000000000
## 3172	0.000000	19.00000	976.338235	0.000000000
## 3173	0.000000	13.00000	522.000000	0.000000000
## 3174	0.000000	57.00000	1008.916667	0.003508772
## 3175	0.000000	17.00000	931.000000	0.027777778
## 3176	0.000000	1.00000	0.000000	0.200000000
## 3177	0.000000	7.00000	49.000000	0.025000000
## 3178	0.000000	6.00000	25.000000	0.133333333
## 3179	0.000000	26.00000	933.333333	0.008000000
## 3180	69.000000	22.00000	1552.547619	0.013725490
## 3181	48.500000	71.00000	3439.733242	0.000000000

## 3182	0.000000	16.00000	1851.500000	0.023529412
## 3183	0.000000	5.00000	40.000000	0.066666667
## 3184	0.000000	20.00000	457.583333	0.022222222
## 3185	0.000000	33.00000	2081.500000	0.000000000
## 3186	808.500000	33.00000	1310.472222	0.018518519
## 3187	0.000000	34.00000	1001.166667	0.000000000
## 3188	0.000000	42.00000	3436.066667	0.000757576
## 3189	0.000000	11.00000	198.166667	0.000000000
## 3190	0.000000	17.00000	296.233333	0.012500000
## 3191	0.000000	13.00000	1649.000000	0.000000000
## 3192	0.000000	11.00000	574.333333	0.000000000
## 3193	0.000000	6.00000	161.000000	0.000000000
## 3194	0.000000	39.00000	2643.333333	0.000000000
## 3195	0.000000	10.00000	706.000000	0.000000000
## 3196	255.500000	45.00000	2996.487500	0.014814815
## 3197	0.000000	5.00000	108.000000	0.000000000
## 3198	0.000000	45.00000	2171.174592	0.000000000
## 3199	0.000000	23.00000	255.638889	0.000000000
## 3200	0.000000	57.00000	1925.102381	0.005000000
## 3201	0.000000	8.00000	202.333333	0.000000000
## 3202	0.000000	15.00000	239.000000	0.048888889
## 3203	0.000000	26.00000	380.166667	0.000000000
## 3204	0.000000	16.00000	79.000000	0.025000000
## 3205	1.000000	93.00000	4324.737073	0.021112782
## 3206	108.000000	89.00000	2114.083333	0.000000000
## 3207	0.000000	2.00000	149.000000	0.000000000
## 3208	0.000000	15.00000	894.000000	0.000000000
## 3209	0.000000	36.00000	925.833333	0.041666667
## 3210	0.000000	4.00000	50.000000	0.000000000
## 3211	0.000000	2.00000	85.000000	0.000000000
## 3212	68.000000	35.00000	625.085689	0.011149826
## 3213	0.000000	7.00000	164.500000	0.000000000
## 3214	0.000000	20.00000	275.666667	0.066666667
## 3215	0.000000	89.00000	5044.756890	0.002528736
## 3216	0.000000	5.00000	691.000000	0.000000000
## 3217	0.000000	2.00000	0.000000	0.200000000
## 3218	0.000000	117.00000	1569.866667	0.003418803
## 3219	1.500000	43.00000	1368.484848	0.015909091
## 3220	0.000000	36.00000	1697.550000	0.017500000
## 3221	0.000000	1.00000	0.000000	0.200000000
## 3222	0.000000	23.00000	1134.500000	0.066459627
## 3223	84.000000	58.00000	2787.250000	0.000000000
## 3224	0.000000	11.00000	297.250000	0.000000000
## 3225	0.000000	27.00000	352.083333	0.014814815
## 3226	0.000000	4.00000	26.000000	0.000000000
## 3227	0.000000	15.00000	1486.666667	0.000000000
## 3228	11.000000	82.00000	1164.099635	0.010714286
## 3229	0.000000	18.00000	1360.500000	0.016666667
## 3230	0.000000	6.00000	156.000000	0.000000000
## 3231	0.000000	46.00000	1942.933333	0.010119048
## 3232	0.000000	10.00000	133.833333	0.000000000
## 3233	0.000000	5.00000	36.000000	0.066666667
## 3234	0.000000	30.00000	1407.500000	0.006451613
## 3235	0.000000	1.00000	0.000000	0.200000000

## 3236	0.000000	20.00000	1187.500000	0.000000000
## 3237	0.000000	40.00000	1090.566667	0.018392857
## 3238	0.000000	1.00000	0.000000	0.200000000
## 3239	0.000000	9.00000	115.500000	0.018181818
## 3240	0.000000	8.00000	463.000000	0.000000000
## 3241	111.500000	6.00000	91.500000	0.050000000
## 3242	0.000000	42.00000	840.833333	0.000000000
## 3243	0.000000	43.00000	895.973169	0.000000000
## 3244	0.000000	7.00000	76.500000	0.007142857
## 3245	0.000000	7.00000	104.333333	0.085714286
## 3246	86.000000	26.00000	466.500000	0.000000000
## 3247	0.000000	11.00000	345.166667	0.022222222
## 3248	0.000000	8.00000	203.000000	0.012500000
## 3249	0.000000	20.00000	869.800000	0.011111111
## 3250	0.000000	6.00000	68.500000	0.000000000
## 3251	0.000000	57.00000	980.833333	0.007142857
## 3252	0.000000	45.00000	1438.722222	0.004545455
## 3253	0.000000	10.00000	423.666667	0.000000000
## 3254	0.000000	8.00000	185.500000	0.025000000
## 3255	0.000000	5.00000	74.000000	0.000000000
## 3256	0.000000	13.00000	421.166667	0.000000000
## 3257	0.000000	7.00000	578.200000	0.000000000
## 3258	85.000000	127.00000	6931.049725	0.004347826
## 3259	0.000000	11.00000	522.666667	0.000000000
## 3260	0.000000	36.00000	1720.416667	0.000000000
## 3261	0.000000	22.00000	2464.900000	0.003030303
## 3262	0.000000	8.00000	240.000000	0.000000000
## 3263	134.000000	101.00000	5459.967105	0.038654646
## 3264	15.000000	15.00000	328.416667	0.000000000
## 3265	0.000000	8.00000	1046.500000	0.040000000
## 3266	0.000000	8.00000	268.000000	0.000000000
## 3267	0.000000	14.00000	354.250000	0.000000000
## 3268	0.000000	8.00000	127.666667	0.000000000
## 3269	0.000000	3.00000	15.000000	0.066666667
## 3270	0.000000	9.00000	455.000000	0.000000000
## 3271	15.000000	58.00000	2153.718590	0.007526882
## 3272	0.000000	8.00000	166.250000	0.000000000
## 3273	0.000000	11.00000	578.000000	0.000000000
## 3274	0.000000	10.00000	284.000000	0.000000000
## 3275	0.000000	2.00000	130.000000	0.000000000
## 3276	0.000000	28.00000	341.350000	0.007142857
## 3277	0.000000	4.00000	40.500000	0.000000000
## 3278	181.722222	52.00000	2826.790048	0.007258065
## 3279	58.000000	41.00000	2078.666667	0.008333333
## 3280	0.000000	2.00000	0.000000	0.200000000
## 3281	0.000000	1.00000	0.000000	0.200000000
## 3282	0.000000	19.00000	881.166667	0.000000000
## 3283	0.000000	30.00000	950.833333	0.006666667
## 3284	0.000000	44.00000	2279.222222	0.001111111
## 3285	0.000000	16.00000	729.000000	0.012500000
## 3286	0.000000	8.00000	217.866667	0.000000000
## 3287	0.000000	12.00000	354.000000	0.000000000
## 3288	9.000000	39.00000	1390.866667	0.000000000
## 3289	0.000000	4.00000	104.000000	0.000000000

## 3290	7.000000	25.00000	591.892857	0.000000000
## 3291	21.500000	33.00000	1829.183333	0.000000000
## 3292	0.000000	8.00000	316.500000	0.033333333
## 3293	0.000000	25.00000	903.700000	0.036000000
## 3294	0.000000	5.00000	517.500000	0.025000000
## 3295	341.333333	59.00000	2946.600000	0.003278689
## 3296	0.000000	29.00000	740.500000	0.000000000
## 3297	0.000000	34.00000	4566.238095	0.020476190
## 3298	249.000000	128.00000	3158.561476	0.005474453
## 3299	0.000000	2.00000	55.000000	0.000000000
## 3300	0.000000	56.00000	441.216667	0.008474576
## 3301	0.000000	3.00000	242.000000	0.066666667
## 3302	0.000000	5.00000	1439.500000	0.000000000
## 3303	0.000000	12.00000	312.666667	0.000000000
## 3304	0.000000	8.00000	56.333333	0.000000000
## 3305	0.000000	14.00000	689.383333	0.000000000
## 3306	0.000000	15.00000	614.333333	0.007692308
## 3307	0.000000	23.00000	422.730303	0.008333333
## 3308	0.000000	24.00000	485.283974	0.004938272
## 3309	0.000000	78.00000	2588.077268	0.008333333
## 3310	0.000000	34.00000	603.707143	0.000000000
## 3311	0.000000	2.00000	0.000000	0.200000000
## 3312	0.000000	6.00000	600.000000	0.000000000
## 3313	0.000000	8.00000	82.833333	0.000000000
## 3314	27.000000	33.00000	483.266667	0.002777778
## 3315	0.000000	7.00000	26.000000	0.066666667
## 3316	0.000000	12.00000	272.666667	0.000000000
## 3317	0.000000	1.00000	0.000000	0.200000000
## 3318	0.000000	3.00000	65.000000	0.000000000
## 3319	0.000000	49.00000	4051.375000	0.007272727
## 3320	0.000000	68.00000	1725.870671	0.003200000
## 3321	0.000000	27.00000	359.000000	0.000000000
## 3322	0.000000	12.00000	159.000000	0.000000000
## 3323	0.000000	24.00000	676.166667	0.000000000
## 3324	0.000000	19.00000	707.266667	0.000000000
## 3325	0.000000	35.00000	1178.000000	0.035294118
## 3326	0.000000	6.00000	56.000000	0.000000000
## 3327	292.000000	35.00000	1916.900000	0.000000000
## 3328	12.000000	57.00000	2773.166667	0.015517241
## 3329	0.000000	18.00000	297.300000	0.000000000
## 3330	0.000000	18.00000	631.666667	0.000000000
## 3331	0.000000	14.00000	1340.750000	0.000000000
## 3332	0.000000	23.00000	282.500000	0.043478261
## 3333	0.000000	7.00000	76.000000	0.000000000
## 3334	0.000000	17.00000	434.000000	0.000000000
## 3335	0.000000	4.00000	464.666667	0.000000000
## 3336	0.000000	5.00000	240.500000	0.080000000
## 3337	0.000000	24.00000	530.000000	0.000000000
## 3338	0.000000	24.00000	495.273810	0.016666667
## 3339	0.000000	62.00000	2232.450000	0.008196721
## 3340	0.000000	5.00000	151.000000	0.000000000
## 3341	0.000000	2.00000	49.000000	0.000000000
## 3342	327.000000	50.00000	1845.166667	0.011111111
## 3343	19.000000	27.00000	1523.050000	0.000000000

## 3344	0.000000	5.00000	70.000000 0.040000000
## 3345	0.000000	31.00000	1552.883333 0.000000000
## 3346	0.000000	25.00000	381.357143 0.000000000
## 3347	20.000000	96.00000	5604.977381 0.004888889
## 3348	0.000000	40.00000	1239.949603 0.025000000
## 3349	0.000000	9.00000	265.250000 0.000000000
## 3350	0.000000	24.00000	657.666667 0.013636364
## 3351	0.000000	3.00000	11.000000 0.000000000
## 3352	0.000000	25.00000	1157.452381 0.012000000
## 3353	0.000000	17.00000	1673.653846 0.039215686
## 3354	0.000000	16.00000	355.500000 0.000000000
## 3355	0.000000	90.00000	5621.599206 0.000000000
## 3356	0.000000	11.00000	123.000000 0.000000000
## 3357	10.000000	98.00000	2806.829918 0.013144750
## 3358	0.000000	3.00000	32.000000 0.000000000
## 3359	0.000000	39.00000	557.245238 0.028947368
## 3360	0.000000	42.00000	650.033333 0.004347826
## 3361	23.000000	24.00000	1614.226190 0.000000000
## 3362	0.000000	108.00000	2973.125000 0.005309735
## 3363	0.000000	67.00000	3014.290476 0.001917808
## 3364	0.000000	54.00000	801.509524 0.007547170
## 3365	0.000000	3.00000	27.000000 0.100000000
## 3366	0.000000	8.00000	70.500000 0.075000000
## 3367	0.000000	23.00000	363.500000 0.000000000
## 3368	0.000000	15.00000	436.000000 0.013333333
## 3369	0.000000	31.00000	1087.000000 0.000000000
## 3370	243.000000	19.00000	681.619048 0.000000000
## 3371	0.000000	119.00000	1243.180556 0.000000000
## 3372	122.000000	41.00000	2504.699567 0.000000000
## 3373	0.000000	9.00000	128.000000 0.000000000
## 3374	0.000000	63.00000	1903.666667 0.008064516
## 3375	0.000000	14.00000	397.000000 0.036250000
## 3376	232.000000	16.00000	343.200000 0.000000000
## 3377	0.000000	5.00000	71.000000 0.000000000
## 3378	0.000000	24.00000	653.000000 0.008333333
## 3379	221.000000	67.00000	1564.444444 0.002631579
## 3380	0.000000	70.00000	2509.250000 0.000000000
## 3381	0.000000	3.00000	0.000000 0.166666667
## 3382	0.000000	24.00000	242.000000 0.018181818
## 3383	0.000000	13.00000	646.791667 0.005128205
## 3384	0.000000	23.00000	209.833333 0.002173913
## 3385	0.000000	11.00000	713.000000 0.000000000
## 3386	0.000000	4.00000	112.500000 0.000000000
## 3387	0.000000	44.00000	630.316667 0.025000000
## 3388	0.000000	1.00000	0.000000 0.200000000
## 3389	0.000000	122.00000	6141.432139 0.013593814
## 3390	0.000000	19.00000	536.266667 0.044736842
## 3391	0.000000	31.00000	590.516667 0.005208333
## 3392	0.000000	17.00000	490.533333 0.000000000
## 3393	0.000000	18.00000	631.000000 0.010000000
## 3394	0.000000	6.00000	916.250000 0.000000000
## 3395	0.000000	2.00000	37.000000 0.000000000
## 3396	0.000000	16.00000	571.500000 0.041666667
## 3397	0.000000	14.00000	1025.000000 0.042857143

## 3398	0.000000	49.00000	1143.348504	0.000000000
## 3399	0.000000	23.00000	975.750000	0.000000000
## 3400	0.000000	13.00000	169.000000	0.015384615
## 3401	0.000000	20.00000	499.666667	0.010000000
## 3402	0.000000	7.00000	139.500000	0.000000000
## 3403	75.000000	88.00000	3827.753571	0.000000000
## 3404	0.000000	5.00000	24.000000	0.040000000
## 3405	0.000000	91.00000	2058.534091	0.021348315
## 3406	0.000000	15.00000	1639.500000	0.025000000
## 3407	0.000000	3.00000	24.000000	0.000000000
## 3408	0.000000	11.00000	720.500000	0.000000000
## 3409	0.000000	6.00000	56.000000	0.040000000
## 3410	0.000000	16.00000	324.500000	0.000000000
## 3411	0.000000	36.00000	472.666667	0.075675676
## 3412	0.000000	5.00000	38.000000	0.120000000
## 3413	0.000000	4.00000	568.478261	0.050000000
## 3414	0.000000	29.00000	569.166667	0.000000000
## 3415	0.000000	3.00000	0.000000	0.200000000
## 3416	0.000000	37.00000	1669.559524	0.016190476
## 3417	0.000000	29.00000	986.833333	0.013793103
## 3418	56.000000	62.00000	2414.900000	0.000000000
## 3419	0.000000	24.00000	330.083333	0.037500000
## 3420	0.000000	6.00000	83.000000	0.033333333
## 3421	0.000000	21.00000	744.833333	0.000000000
## 3422	0.000000	16.00000	120.000000	0.053333333
## 3423	0.000000	2.00000	0.000000	0.200000000
## 3424	0.000000	34.00000	1540.750000	0.004878049
## 3425	0.000000	8.00000	89.500000	0.000000000
## 3426	0.000000	17.00000	1723.000000	0.000000000
## 3427	0.000000	7.00000	191.000000	0.000000000
## 3428	0.000000	94.00000	1576.205078	0.010752688
## 3429	23.000000	15.00000	506.000000	0.033333333
## 3430	0.000000	39.00000	537.000000	0.005128205
## 3431	0.000000	12.00000	239.750000	0.000000000
## 3432	559.000000	44.00000	1470.333333	0.016000000
## 3433	0.000000	3.00000	105.250000	0.000000000
## 3434	0.000000	21.00000	1636.500000	0.042857143
## 3435	0.000000	1.00000	0.000000	0.200000000
## 3436	0.000000	14.00000	273.250000	0.000000000
## 3437	0.000000	19.00000	362.000000	0.000000000
## 3438	0.000000	21.00000	1623.500000	0.000000000
## 3439	4.000000	35.00000	1643.333333	0.010526316
## 3440	0.000000	4.00000	0.000000	0.200000000
## 3441	120.666667	56.00000	1080.266667	0.018840580
## 3442	0.000000	12.00000	152.000000	0.000000000
## 3443	0.000000	14.00000	574.500000	0.000000000
## 3444	0.000000	11.00000	142.416667	0.000000000
## 3445	0.000000	55.00000	1420.472496	0.001212121
## 3446	0.000000	5.00000	19.000000	0.000000000
## 3447	0.000000	10.00000	3291.000000	0.020000000
## 3448	0.000000	47.00000	1144.483333	0.041843972
## 3449	0.000000	17.00000	404.000000	0.000000000
## 3450	0.000000	28.00000	714.966667	0.014666667
## 3451	0.000000	25.00000	527.500000	0.000000000

## 3452	0.000000	8.00000	66.000000 0.075000000
## 3453	0.000000	125.00000	4313.139103 0.001736111
## 3454	0.000000	15.00000	454.750000 0.026666667
## 3455	0.000000	17.00000	1205.566667 0.012500000
## 3456	29.000000	41.00000	1652.750000 0.013636364
## 3457	0.000000	7.00000	239.500000 0.000000000
## 3458	0.000000	14.00000	1539.000000 0.015384615
## 3459	0.000000	6.00000	192.500000 0.050000000
## 3460	171.000000	76.00000	2208.788095 0.000000000
## 3461	0.000000	105.00000	2062.443592 0.012205270
## 3462	0.000000	30.00000	1456.783333 0.000000000
## 3463	0.000000	12.00000	260.000000 0.050000000
## 3464	0.000000	7.00000	604.000000 0.000000000
## 3465	0.000000	13.00000	362.500000 0.000000000
## 3466	0.000000	30.00000	1584.300000 0.000000000
## 3467	0.000000	79.00000	3855.200000 0.012345679
## 3468	0.000000	14.00000	543.833333 0.000000000
## 3469	0.000000	12.00000	574.000000 0.016666667
## 3470	0.000000	10.00000	127.750000 0.053333333
## 3471	0.000000	39.00000	2666.000000 0.015384615
## 3472	0.000000	3.00000	0.000000 0.200000000
## 3473	0.000000	23.00000	1166.333333 0.000000000
## 3474	0.000000	276.00000	4758.380638 0.001034483
## 3475	16.000000	8.00000	308.000000 0.000000000
## 3476	17.000000	100.00000	2463.244841 0.001886792
## 3477	0.000000	3.00000	28.000000 0.000000000
## 3478	0.000000	24.00000	958.250000 0.025000000
## 3479	0.000000	16.00000	331.333333 0.000000000
## 3480	0.000000	24.00000	516.416667 0.000000000
## 3481	0.000000	18.00000	689.666667 0.023529412
## 3482	0.000000	22.00000	887.354762 0.010000000
## 3483	0.000000	15.00000	2026.476190 0.011764706
## 3484	29.500000	16.00000	529.333333 0.000000000
## 3485	0.000000	52.00000	2376.861905 0.016666667
## 3486	0.000000	33.00000	1564.173810 0.006250000
## 3487	0.000000	20.00000	1180.000000 0.000000000
## 3488	0.000000	14.00000	291.600000 0.000000000
## 3489	0.000000	2.00000	203.000000 0.000000000
## 3490	0.000000	32.00000	871.833333 0.009375000
## 3491	29.000000	78.00000	3098.992857 0.007692308
## 3492	314.000000	19.00000	2340.500000 0.000000000
## 3493	0.000000	5.00000	108.000000 0.000000000
## 3494	0.000000	59.00000	1927.122222 0.007909605
## 3495	0.000000	15.00000	143.750000 0.080000000
## 3496	0.000000	9.00000	553.000000 0.000000000
## 3497	0.000000	7.00000	855.000000 0.000000000
## 3498	153.000000	27.00000	880.800000 0.007291667
## 3499	0.000000	7.00000	37.000000 0.083333333
## 3500	0.000000	29.00000	1721.125000 0.042528736
## 3501	76.000000	70.00000	3345.685836 0.002515091
## 3502	0.000000	29.00000	809.166667 0.017857143
## 3503	0.000000	10.00000	466.750000 0.000000000
## 3504	0.000000	35.00000	1513.000000 0.040000000
## 3505	0.000000	51.00000	769.992857 0.000000000

## 3506	0.000000	11.00000	126.666667	0.072727273
## 3507	0.000000	25.00000	317.500000	0.012500000
## 3508	0.000000	9.00000	389.000000	0.122222222
## 3509	0.000000	2.00000	44.000000	0.000000000
## 3510	0.000000	13.00000	252.000000	0.000000000
## 3511	416.000000	291.00000	12065.181350	0.001226310
## 3512	85.000000	33.00000	616.433333	0.000000000
## 3513	0.000000	10.00000	978.000000	0.000000000
## 3514	0.000000	16.00000	487.666667	0.000000000
## 3515	0.000000	3.00000	60.000000	0.000000000
## 3516	0.000000	1.00000	0.000000	0.200000000
## 3517	0.000000	23.00000	647.500000	0.028571429
## 3518	0.000000	14.00000	204.500000	0.046153846
## 3519	0.000000	10.00000	72.000000	0.080000000
## 3520	0.000000	18.00000	143.850000	0.000000000
## 3521	0.000000	5.00000	258.083333	0.004545455
## 3522	0.000000	7.00000	99.700000	0.000000000
## 3523	0.000000	7.00000	277.000000	0.044444444
## 3524	1779.166667	12.00000	1886.500000	0.007017544
## 3525	0.000000	80.00000	1987.533333	0.035000000
## 3526	0.000000	17.00000	391.866667	0.000000000
## 3527	0.000000	83.00000	791.955952	0.013636364
## 3528	0.000000	9.00000	127.500000	0.000000000
## 3529	0.000000	38.00000	2259.200000	0.022222222
## 3530	109.000000	23.00000	1232.733333	0.000000000
## 3531	0.000000	30.00000	1018.000000	0.000000000
## 3532	0.000000	29.00000	1397.500000	0.011555556
## 3533	0.000000	18.00000	292.500000	0.013888889
## 3534	0.000000	11.00000	183.500000	0.000000000
## 3535	134.333333	16.00000	765.445454	0.006666667
## 3536	0.000000	20.00000	1006.666667	0.000000000
## 3537	0.000000	12.00000	764.750000	0.000000000
## 3538	0.000000	2.00000	61.000000	0.000000000
## 3539	0.000000	48.00000	1304.666667	0.016666667
## 3540	75.000000	67.00000	1336.554221	0.000000000
## 3541	0.000000	12.00000	336.800000	0.000000000
## 3542	0.000000	8.00000	183.000000	0.000000000
## 3543	0.000000	19.00000	813.100000	0.000000000
## 3544	0.000000	2.00000	0.000000	0.200000000
## 3545	0.000000	21.00000	664.333333	0.000000000
## 3546	0.000000	1.00000	0.000000	0.200000000
## 3547	0.000000	6.00000	655.000000	0.033333333
## 3548	0.000000	10.00000	343.000000	0.000000000
## 3549	3.000000	51.00000	5407.788889	0.001923077
## 3550	0.000000	18.00000	691.500000	0.000000000
## 3551	88.000000	114.00000	3772.405525	0.000000000
## 3552	0.000000	4.00000	24.500000	0.022222222
## 3553	17.000000	27.00000	2154.723810	0.036781609
## 3554	0.000000	22.00000	883.000000	0.133333333
## 3555	0.000000	4.00000	33.000000	0.100000000
## 3556	0.000000	14.00000	632.000000	0.028571429
## 3557	0.000000	3.00000	25.000000	0.066666667
## 3558	0.000000	14.00000	180.500000	0.085714286
## 3559	0.000000	9.00000	73.666667	0.000000000

## 3560	0.000000	26.00000	1097.050000	0.000000000
## 3561	0.000000	10.00000	611.000000	0.020000000
## 3562	0.000000	20.00000	413.000000	0.011111111
## 3563	0.000000	20.00000	724.133333	0.074074074
## 3564	0.000000	7.00000	441.000000	0.020000000
## 3565	0.000000	65.00000	1803.584127	0.023794872
## 3566	0.000000	11.00000	855.250000	0.018181818
## 3567	0.000000	9.00000	466.666667	0.000000000
## 3568	15.000000	38.00000	2311.090909	0.004651163
## 3569	0.000000	15.00000	309.800000	0.000000000
## 3570	0.000000	27.00000	889.000000	0.021428571
## 3571	0.000000	9.00000	78.250000	0.077777778
## 3572	0.000000	11.00000	142.166667	0.020000000
## 3573	0.000000	5.00000	57.000000	0.000000000
## 3574	0.000000	22.00000	647.666667	0.009090909
## 3575	323.000000	14.00000	836.833333	0.000000000
## 3576	0.000000	18.00000	133.000000	0.038888889
## 3577	37.500000	71.00000	1145.571429	0.000000000
## 3578	0.000000	15.00000	984.000000	0.015384615
## 3579	101.500000	53.00000	2797.213095	0.004098361
## 3580	0.000000	2.00000	0.000000	0.200000000
## 3581	0.000000	3.00000	108.000000	0.000000000
## 3582	0.000000	4.00000	34.000000	0.000000000
## 3583	0.000000	6.00000	399.000000	0.033333333
## 3584	53.000000	16.00000	388.744444	0.000000000
## 3585	166.000000	67.00000	3872.509420	0.039495923
## 3586	0.000000	4.00000	59.000000	0.125000000
## 3587	0.000000	36.00000	818.500000	0.007894737
## 3588	0.000000	57.00000	4115.233333	0.003508772
## 3589	0.000000	10.00000	146.766667	0.000000000
## 3590	0.000000	17.00000	212.833333	0.041176471
## 3591	0.000000	66.00000	3268.075758	0.005882353
## 3592	0.000000	17.00000	295.000000	0.011764706
## 3593	0.000000	8.00000	261.600000	0.000000000
## 3594	0.000000	3.00000	62.000000	0.100000000
## 3595	86.000000	25.00000	413.722222	0.000000000
## 3596	0.000000	13.00000	1005.000000	0.000000000
## 3597	0.000000	54.00000	2222.900000	0.003703704
## 3598	0.000000	1.00000	0.000000	0.200000000
## 3599	0.000000	21.00000	467.952381	0.047619048
## 3600	0.000000	13.00000	531.000000	0.033333333
## 3601	0.000000	4.00000	142.000000	0.000000000
## 3602	0.000000	3.00000	86.000000	0.000000000
## 3603	0.000000	20.00000	870.666667	0.000000000
## 3604	0.000000	7.00000	1010.166667	0.028571429
## 3605	0.000000	9.00000	27.500000	0.044444444
## 3606	0.000000	72.00000	1353.115146	0.002857143
## 3607	0.000000	26.00000	542.166667	0.008333333
## 3608	0.000000	28.00000	623.966667	0.023214286
## 3609	0.000000	4.00000	123.000000	0.000000000
## 3610	0.000000	2.00000	19.000000	0.000000000
## 3611	0.000000	12.00000	375.000000	0.000000000
## 3612	0.000000	18.00000	782.500000	0.000000000
## 3613	0.000000	7.00000	442.166667	0.000000000

## 3614	41.000000	36.00000	696.402778	0.000000000
## 3615	39.000000	14.00000	443.208333	0.012000000
## 3616	313.000000	6.00000	135.500000	0.028571429
## 3617	0.000000	23.00000	213.500000	0.100000000
## 3618	0.000000	2.00000	262.000000	0.100000000
## 3619	0.000000	5.00000	1144.000000	0.120000000
## 3620	0.000000	2.00000	16.000000	0.000000000
## 3621	0.000000	23.00000	251.333333	0.000000000
## 3622	0.000000	13.00000	171.500000	0.019230769
## 3623	0.000000	22.00000	892.000000	0.000000000
## 3624	0.000000	1.00000	0.000000	0.200000000
## 3625	0.000000	59.00000	468.191667	0.000000000
## 3626	0.000000	7.00000	180.000000	0.028571429
## 3627	0.000000	60.00000	1993.915257	0.005970149
## 3628	0.000000	17.00000	174.833333	0.017647059
## 3629	246.000000	39.00000	1501.333333	0.000000000
## 3630	0.000000	14.00000	121.000000	0.092857143
## 3631	0.000000	39.00000	1584.044444	0.000000000
## 3632	0.000000	25.00000	438.075000	0.008000000
## 3633	7.000000	25.00000	687.533333	0.013793103
## 3634	0.000000	12.00000	103.000000	0.133333333
## 3635	0.000000	29.00000	826.850000	0.007142857
## 3636	348.000000	172.00000	4086.144897	0.000555556
## 3637	0.000000	10.00000	894.666667	0.000000000
## 3638	0.000000	29.00000	1858.733333	0.025806452
## 3639	0.000000	24.00000	368.333333	0.092592593
## 3640	0.000000	3.00000	6.000000	0.066666667
## 3641	0.000000	8.00000	211.333333	0.000000000
## 3642	0.000000	26.00000	1197.666667	0.000000000
## 3643	0.000000	6.00000	671.666667	0.000000000
## 3644	0.000000	36.00000	3473.733333	0.015384615
## 3645	0.000000	16.00000	2515.100000	0.053571429
## 3646	0.000000	6.00000	173.000000	0.012500000
## 3647	0.000000	60.00000	967.250000	0.006779661
## 3648	0.000000	8.00000	388.500000	0.000000000
## 3649	0.000000	7.00000	906.000000	0.000000000
## 3650	0.000000	19.00000	548.883117	0.000000000
## 3651	0.000000	7.00000	262.375000	0.009523810
## 3652	17.000000	8.00000	549.000000	0.022222222
## 3653	0.000000	6.00000	1564.000000	0.044444444
## 3654	0.000000	15.00000	188.500000	0.000000000
## 3655	0.000000	28.00000	884.804062	0.000000000
## 3656	0.000000	4.00000	81.000000	0.000000000
## 3657	0.000000	19.00000	1651.928571	0.024561404
## 3658	0.000000	14.00000	243.833333	0.000000000
## 3659	0.000000	7.00000	54.500000	0.000000000
## 3660	1131.000000	46.00000	5492.366667	0.019090909
## 3661	0.000000	7.00000	151.500000	0.000000000
## 3662	0.000000	60.00000	731.333333	0.034920635
## 3663	0.000000	39.00000	1752.942857	0.020075188
## 3664	0.000000	13.00000	195.000000	0.000000000
## 3665	0.000000	7.00000	274.250000	0.012500000
## 3666	335.000000	33.00000	3583.166667	0.020000000
## 3667	0.000000	13.00000	474.681818	0.015384615

## 3668	0.000000	4.00000	79.000000 0.000000000
## 3669	0.000000	9.00000	71.750000 0.000000000
## 3670	0.000000	66.00000	6100.527778 0.010606061
## 3671	15.000000	93.00000	3646.278788 0.017204301
## 3672	0.000000	11.00000	778.000000 0.018181818
## 3673	2.500000	14.00000	592.566667 0.013333333
## 3674	0.000000	23.00000	343.666667 0.025000000
## 3675	0.000000	28.00000	1249.628205 0.000000000
## 3676	0.000000	7.00000	1260.666667 0.057142857
## 3677	55.000000	38.00000	1377.409524 0.000877193
## 3678	104.000000	15.00000	675.833333 0.000000000
## 3679	0.000000	18.00000	1259.000000 0.010526316
## 3680	0.000000	16.00000	1472.000000 0.016666667
## 3681	0.000000	6.00000	219.500000 0.011111111
## 3682	0.000000	28.00000	2394.000000 0.033333333
## 3683	0.000000	29.00000	364.166667 0.020689655
## 3684	0.000000	6.00000	190.400000 0.042857143
## 3685	0.000000	14.00000	253.166667 0.014285714
## 3686	0.000000	49.00000	579.583333 0.000000000
## 3687	0.000000	9.00000	953.833333 0.000000000
## 3688	0.000000	7.00000	297.000000 0.028571429
## 3689	0.000000	21.00000	597.333333 0.090476190
## 3690	0.000000	105.00000	2900.638469 0.009433962
## 3691	0.000000	15.00000	304.500000 0.000000000
## 3692	0.000000	3.00000	55.000000 0.066666667
## 3693	0.000000	7.00000	934.000000 0.000000000
## 3694	0.000000	16.00000	1098.000000 0.017647059
## 3695	140.833333	65.00000	5478.530087 0.009523810
## 3696	0.000000	37.00000	1873.166667 0.000000000
## 3697	0.000000	72.00000	2129.333333 0.000000000
## 3698	20.000000	39.00000	1721.872725 0.009740260
## 3699	0.000000	14.00000	655.166667 0.000000000
## 3700	0.000000	31.00000	1008.416667 0.000000000
## 3701	0.000000	1.00000	0.000000 0.200000000
## 3702	16.000000	33.00000	504.000000 0.006060606
## 3703	201.000000	14.00000	1033.066667 0.012500000
## 3704	51.000000	16.00000	463.416667 0.000000000
## 3705	0.000000	217.00000	4153.276587 0.000070900
## 3706	0.000000	23.00000	456.333333 0.043478261
## 3707	0.000000	7.00000	84.333333 0.052380952
## 3708	0.000000	4.00000	56.500000 0.050000000
## 3709	0.000000	7.00000	128.333333 0.000000000
## 3710	0.000000	32.00000	1205.583333 0.006451613
## 3711	16.000000	187.00000	4987.688889 0.003108808
## 3712	0.000000	2.00000	33.000000 0.000000000
## 3713	0.000000	30.00000	1845.333333 0.027083333
## 3714	0.000000	36.00000	1195.726923 0.013725490
## 3715	0.000000	31.00000	457.404780 0.000000000
## 3716	0.000000	3.00000	69.000000 0.000000000
## 3717	0.000000	12.00000	189.666667 0.015384615
## 3718	37.500000	25.00000	788.266667 0.007142857
## 3719	17.000000	21.00000	1647.500000 0.000000000
## 3720	0.000000	24.00000	1483.333333 0.008333333
## 3721	0.000000	5.00000	50.000000 0.160000000

## 3722	0.000000	12.00000	304.750000	0.000000000
## 3723	0.000000	2.00000	1207.000000	0.000000000
## 3724	0.000000	8.00000	123.000000	0.000000000
## 3725	27.000000	21.00000	893.450000	0.017391304
## 3726	0.000000	6.00000	794.500000	0.000000000
## 3727	25.000000	31.00000	2725.000000	0.010909091
## 3728	0.000000	22.00000	746.166667	0.000000000
## 3729	0.000000	1.00000	0.000000	0.200000000
## 3730	0.000000	14.00000	433.833333	0.039285714
## 3731	0.000000	6.00000	4.000000	0.142857143
## 3732	58.000000	6.00000	311.500000	0.000000000
## 3733	0.000000	7.00000	123.500000	0.000000000
## 3734	0.000000	159.00000	1905.652754	0.004113924
## 3735	0.000000	5.00000	162.500000	0.040000000
## 3736	0.000000	4.00000	61.000000	0.000000000
## 3737	0.000000	15.00000	304.166667	0.000000000
## 3738	0.000000	20.00000	301.500000	0.028571429
## 3739	0.000000	7.00000	210.000000	0.000000000
## 3740	0.000000	7.00000	102.000000	0.066666667
## 3741	0.000000	38.00000	2246.166667	0.016923077
## 3742	0.000000	4.00000	2210.500000	0.000000000
## 3743	0.000000	13.00000	417.000000	0.000000000
## 3744	0.000000	2.00000	689.000000	0.000000000
## 3745	0.000000	15.00000	789.666667	0.000000000
## 3746	0.000000	6.00000	549.000000	0.000000000
## 3747	42.000000	32.00000	879.916667	0.021951220
## 3748	0.000000	3.00000	202.833333	0.000000000
## 3749	0.000000	25.00000	506.766667	0.017391304
## 3750	0.000000	20.00000	806.500000	0.010000000
## 3751	0.000000	54.00000	1835.066667	0.003773585
## 3752	0.000000	115.00000	5016.351205	0.006837607
## 3753	0.000000	79.00000	5664.146032	0.045356473
## 3754	0.000000	11.00000	126.500000	0.015476190
## 3755	0.000000	97.00000	7515.583333	0.004166667
## 3756	87.000000	26.00000	485.833333	0.008000000
## 3757	0.000000	72.00000	1248.242262	0.000000000
## 3758	0.000000	38.00000	1485.566667	0.006818182
## 3759	0.000000	4.00000	67.000000	0.000000000
## 3760	0.000000	57.00000	2816.553070	0.000000000
## 3761	0.000000	24.00000	3209.000000	0.008695652
## 3762	0.000000	13.00000	136.000000	0.142857143
## 3763	176.000000	37.00000	1420.733333	0.000000000
## 3764	0.000000	5.00000	108.000000	0.000000000
## 3765	0.000000	8.00000	152.000000	0.037500000
## 3766	0.000000	10.00000	347.000000	0.000000000
## 3767	0.000000	3.00000	45.333333	0.000000000
## 3768	37.000000	15.00000	287.291667	0.000000000
## 3769	222.000000	21.00000	654.500000	0.000000000
## 3770	0.000000	8.00000	202.833333	0.000000000
## 3771	0.000000	10.00000	1580.000000	0.000000000
## 3772	0.000000	81.00000	2071.000000	0.012345679
## 3773	0.000000	16.00000	190.750000	0.000000000
## 3774	0.000000	18.00000	813.800000	0.010526316
## 3775	0.000000	9.00000	76.000000	0.000000000

## 3776	0.000000	56.00000	4377.983333	0.004285714
## 3777	0.000000	8.00000	162.500000	0.000000000
## 3778	16.000000	18.00000	463.500000	0.000000000
## 3779	0.000000	17.00000	182.000000	0.000000000
## 3780	134.000000	31.00000	519.916667	0.000000000
## 3781	0.000000	31.00000	618.000000	0.000000000
## 3782	0.000000	7.00000	193.333333	0.028571429
## 3783	0.000000	37.00000	1296.942857	0.013888889
## 3784	0.000000	3.00000	20.000000	0.000000000
## 3785	0.000000	2.00000	157.000000	0.000000000
## 3786	0.000000	16.00000	305.428571	0.000000000
## 3787	0.000000	8.00000	65.000000	0.025000000
## 3788	0.000000	36.00000	440.600000	0.011111111
## 3789	0.000000	4.00000	61.000000	0.000000000
## 3790	0.000000	7.00000	1689.000000	0.028571429
## 3791	0.000000	2.00000	17.000000	0.000000000
## 3792	13.000000	57.00000	1518.903694	0.000000000
## 3793	0.000000	16.00000	727.714286	0.038888889
## 3794	0.000000	24.00000	302.983333	0.018181818
## 3795	0.000000	55.00000	2831.561111	0.000000000
## 3796	0.000000	20.00000	480.857143	0.001754386
## 3797	0.000000	6.00000	82.000000	0.150000000
## 3798	0.000000	57.00000	1575.216667	0.006896552
## 3799	13.000000	55.00000	1546.503822	0.015577078
## 3800	0.000000	2.00000	0.000000	0.200000000
## 3801	47.666667	34.00000	944.297619	0.000000000
## 3802	0.000000	6.00000	186.000000	0.000000000
## 3803	54.000000	25.00000	796.300000	0.000000000
## 3804	0.000000	17.00000	65.000000	0.047058824
## 3805	0.000000	26.00000	1035.821429	0.003846154
## 3806	0.000000	20.00000	298.500000	0.010000000
## 3807	0.000000	1.00000	612.000000	0.000000000
## 3808	0.000000	141.00000	2886.523521	0.004316547
## 3809	500.000000	88.00000	2663.823810	0.008163265
## 3810	161.500000	60.00000	2789.166667	0.000000000
## 3811	0.000000	33.00000	982.000000	0.000000000
## 3812	0.000000	13.00000	295.666667	0.014285714
## 3813	0.000000	26.00000	3242.000000	0.005555556
## 3814	0.000000	50.00000	1735.595238	0.000000000
## 3815	0.000000	13.00000	908.500000	0.000000000
## 3816	0.000000	1.00000	0.000000	0.200000000
## 3817	0.000000	56.00000	2094.983333	0.032738095
## 3818	0.000000	27.00000	608.400000	0.014814815
## 3819	0.000000	7.00000	203.666667	0.000000000
## 3820	0.000000	85.00000	3731.079365	0.014942529
## 3821	9.307692	49.00000	1042.416667	0.012000000
## 3822	231.700000	24.00000	1034.583333	0.000000000
## 3823	0.000000	12.00000	590.833333	0.010000000
## 3824	61.000000	17.00000	819.000000	0.000000000
## 3825	0.000000	6.00000	127.000000	0.000000000
## 3826	313.000000	65.00000	2091.662821	0.012206573
## 3827	0.000000	80.00000	3279.407576	0.018750000
## 3828	0.000000	41.00000	896.066667	0.000000000
## 3829	0.000000	5.00000	309.000000	0.050000000

## 3830	29.500000	59.00000	1609.313889 0.010447761
## 3831	0.000000	31.00000	887.916667 0.038709677
## 3832	0.000000	16.00000	462.733333 0.012500000
## 3833	0.000000	3.00000	313.000000 0.000000000
## 3834	60.000000	24.00000	1192.500000 0.015151515
## 3835	13.000000	73.00000	3085.007143 0.008333333
## 3836	0.000000	14.00000	260.200000 0.000000000
## 3837	0.000000	43.00000	1425.183333 0.004651163
## 3838	0.000000	4.00000	137.000000 0.000000000
## 3839	0.000000	68.00000	746.800000 0.002941176
## 3840	0.000000	23.00000	1193.000000 0.000000000
## 3841	0.000000	85.00000	2387.990657 0.000000000
## 3842	0.000000	133.00000	3068.922487 0.004890511
## 3843	0.000000	59.00000	3096.375000 0.007526882
## 3844	0.000000	19.00000	1040.200000 0.000000000
## 3845	0.000000	6.00000	180.166667 0.000000000
## 3846	0.000000	3.00000	140.000000 0.066666667
## 3847	0.000000	9.00000	1217.200000 0.033333333
## 3848	0.000000	7.00000	80.500000 0.028571429
## 3849	0.000000	41.00000	3272.000000 0.045238095
## 3850	0.000000	6.00000	262.000000 0.000000000
## 3851	0.000000	31.00000	1075.759524 0.000000000
## 3852	0.000000	11.00000	399.666667 0.054545455
## 3853	0.000000	8.00000	166.166667 0.000000000
## 3854	0.000000	1.00000	0.000000 0.200000000
## 3855	0.000000	5.00000	77.666667 0.000000000
## 3856	0.000000	16.00000	641.500000 0.000000000
## 3857	0.000000	156.00000	5432.836783 0.010009921
## 3858	0.000000	3.00000	0.000000 0.200000000
## 3859	29.000000	3.00000	380.000000 0.000000000
## 3860	0.000000	53.00000	1556.600000 0.000000000
## 3861	109.000000	33.00000	752.459208 0.002777778
## 3862	0.000000	111.00000	2451.869048 0.000000000
## 3863	0.000000	36.00000	777.217532 0.029166667
## 3864	0.000000	35.00000	1295.916667 0.004166667
## 3865	0.000000	26.00000	1222.333333 0.000000000
## 3866	0.000000	15.00000	528.000000 0.026666667
## 3867	6.000000	84.00000	1212.030303 0.005102041
## 3868	0.000000	49.00000	783.450000 0.000000000
## 3869	0.000000	59.00000	2574.725974 0.003508772
## 3870	0.000000	3.00000	52.000000 0.100000000
## 3871	0.000000	4.00000	151.000000 0.000000000
## 3872	0.000000	2.00000	648.000000 0.000000000
## 3873	0.000000	6.00000	114.000000 0.000000000
## 3874	0.000000	68.00000	2277.377056 0.009758454
## 3875	707.500000	51.00000	3981.892484 0.003389831
## 3876	0.000000	14.00000	222.666667 0.080000000
## 3877	0.000000	1.00000	0.000000 0.200000000
## 3878	0.000000	5.00000	200.000000 0.000000000
## 3879	49.000000	25.00000	2454.450000 0.000000000
## 3880	0.000000	108.00000	1479.083333 0.001785714
## 3881	258.000000	61.00000	5233.590476 0.009090909
## 3882	0.000000	106.00000	3156.501914 0.000628931
## 3883	0.000000	20.00000	525.666667 0.000000000

## 3884	0.000000	19.00000	341.366667	0.000000000
## 3885	0.000000	3.00000	18.000000	0.033333333
## 3886	0.000000	13.00000	152.333333	0.023931624
## 3887	0.000000	13.00000	231.500000	0.015384615
## 3888	0.000000	2.00000	13.000000	0.000000000
## 3889	0.000000	29.00000	619.400000	0.000000000
## 3890	0.000000	7.00000	58.000000	0.028571429
## 3891	222.000000	25.00000	1545.833333	0.007692308
## 3892	0.000000	46.00000	1525.666667	0.000000000
## 3893	0.000000	1.00000	0.000000	0.200000000
## 3894	0.000000	25.00000	1838.500000	0.004000000
## 3895	0.000000	2.00000	19.000000	0.000000000
## 3896	0.000000	10.00000	693.500000	0.000000000
## 3897	0.000000	34.00000	1337.245455	0.013750000
## 3898	21.000000	18.00000	2199.972222	0.009523810
## 3899	0.000000	2.00000	0.000000	0.200000000
## 3900	31.000000	18.00000	374.380952	0.000000000
## 3901	0.000000	1.00000	0.000000	0.200000000
## 3902	0.000000	12.00000	819.916667	0.005555556
## 3903	0.000000	16.00000	953.500000	0.000000000
## 3904	0.000000	3.00000	34.000000	0.000000000
## 3905	0.000000	10.00000	240.500000	0.000000000
## 3906	0.000000	104.00000	4877.257071	0.003921569
## 3907	0.000000	12.00000	404.000000	0.000000000
## 3908	74.000000	6.00000	83.500000	0.000000000
## 3909	0.000000	10.00000	89.333333	0.000000000
## 3910	0.000000	7.00000	380.000000	0.014285714
## 3911	120.000000	87.00000	1363.263492	0.004301075
## 3912	64.000000	52.00000	1859.083333	0.010344828
## 3913	0.000000	7.00000	35.000000	0.114285714
## 3914	482.333333	44.00000	2453.750000	0.000000000
## 3915	0.000000	8.00000	135.833333	0.000000000
## 3916	0.000000	8.00000	165.800000	0.022222222
## 3917	0.000000	10.00000	68.000000	0.018181818
## 3918	0.000000	20.00000	196.833333	0.040000000
## 3919	0.000000	14.00000	207.166667	0.042857143
## 3920	0.000000	15.00000	197.000000	0.000000000
## 3921	0.000000	26.00000	535.466667	0.000000000
## 3922	0.000000	21.00000	1342.500000	0.010000000
## 3923	0.000000	11.00000	224.000000	0.016666667
## 3924	0.000000	29.00000	520.600000	0.015172414
## 3925	0.000000	17.00000	290.833333	0.000000000
## 3926	0.000000	17.00000	538.966667	0.000000000
## 3927	0.000000	4.00000	112.000000	0.000000000
## 3928	0.000000	36.00000	319.500000	0.047777778
## 3929	0.000000	1.00000	0.000000	0.200000000
## 3930	0.000000	3.00000	14.000000	0.155555556
## 3931	0.000000	12.00000	168.285714	0.000000000
## 3932	0.000000	79.00000	1562.866667	0.017721519
## 3933	0.000000	5.00000	310.500000	0.000000000
## 3934	0.000000	19.00000	411.800000	0.021052632
## 3935	0.000000	66.00000	1706.712281	0.000000000
## 3936	0.000000	19.00000	1431.666667	0.000000000
## 3937	0.000000	0.00000	0.000000	0.200000000

## 3938	0.000000	47.00000	1230.368182	0.004347826
## 3939	0.000000	12.00000	259.500000	0.008333333
## 3940	20.000000	31.00000	960.833333	0.007843137
## 3941	0.000000	2.00000	21.000000	0.000000000
## 3942	0.000000	10.00000	673.000000	0.015384615
## 3943	18.000000	53.00000	2130.025000	0.000000000
## 3944	0.000000	7.00000	204.500000	0.000000000
## 3945	0.000000	136.00000	4569.904365	0.000000000
## 3946	0.000000	3.00000	15.000000	0.000000000
## 3947	0.000000	13.00000	1496.833333	0.000000000
## 3948	0.000000	2.00000	17.000000	0.000000000
## 3949	4.000000	17.00000	319.000000	0.000000000
## 3950	0.000000	8.00000	376.333333	0.000000000
## 3951	0.000000	24.00000	805.000000	0.000000000
## 3952	0.000000	41.00000	506.716667	0.004444444
## 3953	0.000000	2.00000	3.000000	0.000000000
## 3954	0.000000	17.00000	596.083333	0.000000000
## 3955	0.000000	1.00000	102.000000	0.000000000
## 3956	0.000000	10.00000	313.333333	0.046969697
## 3957	0.000000	22.00000	452.583333	0.000000000
## 3958	148.000000	24.00000	377.500000	0.006666667
## 3959	0.000000	51.00000	1620.183333	0.004313725
## 3960	0.000000	3.00000	18.000000	0.000000000
## 3961	0.000000	41.00000	963.000000	0.000000000
## 3962	0.000000	0.00000	0.000000	0.000000000
## 3963	0.000000	11.00000	327.666667	0.033333333
## 3964	0.000000	6.00000	45.333333	0.033333333
## 3965	0.000000	29.00000	743.166667	0.000000000
## 3966	0.000000	22.00000	679.500000	0.000000000
## 3967	0.000000	6.00000	34.000000	0.133333333
## 3968	0.000000	55.00000	2598.991667	0.003278689
## 3969	0.000000	2.00000	53.000000	0.000000000
## 3970	0.000000	36.00000	1266.500000	0.038888889
## 3971	82.000000	33.00000	813.388889	0.028205128
## 3972	417.000000	67.00000	6483.775000	0.003750000
## 3973	0.000000	4.00000	206.500000	0.000000000
## 3974	22.000000	16.00000	408.250000	0.000000000
## 3975	194.000000	93.00000	3646.966667	0.005154639
## 3976	0.000000	26.00000	2058.500000	0.000000000
## 3977	0.000000	50.00000	1115.459524	0.007843137
## 3978	0.000000	2.00000	19.000000	0.000000000
## 3979	0.000000	5.00000	259.000000	0.000000000
## 3980	0.000000	23.00000	831.690476	0.004166667
## 3981	0.000000	10.00000	126.833333	0.040000000
## 3982	0.000000	24.00000	1365.500000	0.002777778
## 3983	0.000000	52.00000	1624.223485	0.007692308
## 3984	0.000000	2.00000	0.000000	0.200000000
## 3985	0.000000	20.00000	1511.000000	0.000000000
## 3986	0.000000	26.00000	364.666667	0.065384615
## 3987	56.000000	29.00000	1073.500000	0.000000000
## 3988	0.000000	24.00000	957.900000	0.025000000
## 3989	0.000000	5.00000	134.000000	0.020000000
## 3990	0.000000	38.00000	1608.500000	0.005263158
## 3991	9.000000	17.00000	1075.713095	0.011111111

## 3992	0.000000	16.00000	994.575758	0.037500000
## 3993	0.000000	29.00000	1137.166667	0.000000000
## 3994	320.500000	20.00000	2039.000000	0.000000000
## 3995	0.000000	8.00000	222.000000	0.000000000
## 3996	0.000000	4.00000	108.000000	0.000000000
## 3997	12.000000	54.00000	1603.333333	0.005084746
## 3998	0.000000	3.00000	0.000000	0.200000000
## 3999	0.000000	6.00000	56.500000	0.066666667
## 4000	0.000000	19.00000	522.000000	0.021052632
## 4001	22.000000	87.00000	2531.060479	0.006896552
## 4002	0.000000	33.00000	601.971429	0.006451613
## 4003	0.000000	18.00000	862.000000	0.044444444
## 4004	0.000000	26.00000	1840.666667	0.008000000
## 4005	0.000000	85.00000	2299.391667	0.003065134
## 4006	24.000000	80.00000	5426.022078	0.012874780
## 4007	114.500000	129.00000	3098.912088	0.000000000
## 4008	0.000000	3.00000	8.000000	0.000000000
## 4009	0.000000	19.00000	337.166667	0.000000000
## 4010	0.000000	74.00000	2326.666667	0.000000000
## 4011	0.000000	4.00000	64.000000	0.000000000
## 4012	0.000000	31.00000	736.783333	0.000000000
## 4013	0.000000	32.00000	1123.691667	0.002702703
## 4014	0.000000	50.00000	1232.026840	0.000000000
## 4015	0.000000	32.00000	1367.630952	0.008928571
## 4016	0.000000	4.00000	39.000000	0.000000000
## 4017	215.000000	33.00000	1887.694444	0.008571429
## 4018	0.000000	5.00000	48.000000	0.080000000
## 4019	1222.750000	11.00000	443.000000	0.035294118
## 4020	39.000000	46.00000	1388.866667	0.004166667
## 4021	0.000000	18.00000	1107.466667	0.022222222
## 4022	0.000000	81.00000	2533.833333	0.002531646
## 4023	0.000000	2.00000	51.000000	0.000000000
## 4024	0.000000	3.00000	9.000000	0.066666667
## 4025	0.000000	23.00000	637.500000	0.000000000
## 4026	0.000000	24.00000	669.916667	0.000000000
## 4027	3.000000	29.00000	1005.946429	0.006666667
## 4028	0.000000	24.00000	1270.166667	0.013043478
## 4029	0.000000	14.00000	186.166667	0.021052632
## 4030	0.000000	8.00000	140.500000	0.025000000
## 4031	0.000000	9.00000	147.000000	0.022222222
## 4032	0.000000	20.00000	769.500000	0.000000000
## 4033	0.000000	1.00000	0.000000	0.200000000
## 4034	0.000000	20.00000	973.583333	0.009523810
## 4035	40.000000	12.00000	306.333333	0.028571429
## 4036	0.000000	2.00000	10.000000	0.000000000
## 4037	0.000000	60.00000	3386.000000	0.025333333
## 4038	0.000000	8.00000	117.666667	0.000000000
## 4039	0.000000	1.00000	0.000000	0.200000000
## 4040	0.000000	9.00000	143.500000	0.000000000
## 4041	0.000000	11.00000	1160.000000	0.000000000
## 4042	0.000000	32.00000	1324.666667	0.056666667
## 4043	0.000000	22.00000	1058.189474	0.000000000
## 4044	0.000000	29.00000	354.833333	0.000000000
## 4045	0.000000	53.00000	2241.500000	0.003846154

## 4046	0.000000	37.00000	518.000000 0.000000000
## 4047	0.000000	11.00000	764.500000 0.015384615
## 4048	0.000000	17.00000	582.400000 0.066666667
## 4049	0.000000	3.00000	25.500000 0.000000000
## 4050	298.666667	13.00000	798.535714 0.000000000
## 4051	0.000000	25.00000	629.500000 0.000000000
## 4052	0.000000	8.00000	623.076923 0.000000000
## 4053	618.000000	129.00000	6657.151362 0.010917582
## 4054	41.000000	89.00000	2213.819048 0.013541667
## 4055	0.000000	41.00000	647.816667 0.012500000
## 4056	0.000000	13.00000	645.500000 0.000000000
## 4057	0.000000	41.00000	1221.138095 0.000000000
## 4058	0.000000	34.00000	606.785714 0.017647059
## 4059	151.000000	180.00000	4773.335638 0.000537634
## 4060	0.000000	135.00000	3700.495815 0.004662005
## 4061	30.666667	13.00000	307.571429 0.013333333
## 4062	0.000000	3.00000	293.500000 0.000000000
## 4063	0.000000	24.00000	747.400000 0.028985507
## 4064	53.000000	37.00000	1578.000000 0.000000000
## 4065	0.000000	64.00000	1810.966667 0.003174603
## 4066	0.000000	4.00000	118.000000 0.000000000
## 4067	0.000000	8.00000	710.000000 0.000000000
## 4068	0.000000	4.00000	87.500000 0.000000000
## 4069	0.000000	10.00000	338.500000 0.000000000
## 4070	0.000000	9.00000	237.333333 0.000000000
## 4071	0.000000	27.00000	190.250000 0.016000000
## 4072	0.000000	11.00000	500.000000 0.000000000
## 4073	0.000000	2.00000	54.000000 0.050000000
## 4074	0.000000	53.00000	2544.166667 0.006172840
## 4075	514.000000	79.00000	2605.702273 0.000000000
## 4076	0.000000	8.00000	296.550000 0.000000000
## 4077	0.000000	11.00000	143.000000 0.000000000
## 4078	0.000000	5.00000	426.000000 0.000000000
## 4079	0.000000	20.00000	598.778571 0.000000000
## 4080	0.000000	9.00000	120.000000 0.022222222
## 4081	0.000000	1.00000	0.000000 0.200000000
## 4082	0.000000	19.00000	885.125000 0.021052632
## 4083	0.000000	3.00000	48.000000 0.066666667
## 4084	0.000000	27.00000	783.250000 0.014814815
## 4085	0.000000	17.00000	451.000000 0.062500000
## 4086	0.000000	15.00000	259.666667 0.000000000
## 4087	0.000000	1.00000	0.000000 0.200000000
## 4088	0.000000	11.00000	177.404762 0.016666667
## 4089	0.000000	5.00000	24.000000 0.000000000
## 4090	0.000000	6.00000	99.000000 0.066666667
## 4091	460.000000	46.00000	1900.896078 0.017156863
## 4092	0.000000	21.00000	1296.716667 0.000000000
## 4093	11.000000	35.00000	926.669048 0.016666667
## 4094	0.000000	2.00000	15.000000 0.000000000
## 4095	60.000000	110.00000	5343.049577 0.008771930
## 4096	0.000000	26.00000	1296.183333 0.036781609
## 4097	0.000000	1.00000	0.000000 0.200000000
## 4098	0.000000	34.00000	1159.666667 0.005714286
## 4099	0.000000	24.00000	496.666667 0.000000000

## 4100	0.000000	65.00000	624.624896	0.000000000
## 4101	0.000000	9.00000	177.333333	0.066666667
## 4102	218.000000	91.00000	2869.788095	0.002000000
## 4103	0.000000	6.00000	210.200000	0.055555556
## 4104	0.000000	5.00000	377.000000	0.000000000
## 4105	53.000000	8.00000	667.666667	0.000000000
## 4106	0.000000	13.00000	350.833333	0.000000000
## 4107	0.000000	124.00000	3394.130159	0.001587302
## 4108	0.000000	7.00000	70.000000	0.000000000
## 4109	0.000000	17.00000	545.500000	0.000000000
## 4110	0.000000	33.00000	1324.616667	0.009677419
## 4111	0.000000	8.00000	5.000000	0.150000000
## 4112	0.000000	5.00000	322.000000	0.000000000
## 4113	12.000000	44.00000	1373.950000	0.000000000
## 4114	0.000000	2.00000	0.000000	0.200000000
## 4115	0.000000	12.00000	655.000000	0.036363636
## 4116	0.000000	45.00000	939.633333	0.012500000
## 4117	0.000000	40.00000	3970.700000	0.005555556
## 4118	2.000000	43.00000	2325.611905	0.009523810
## 4119	0.000000	2.00000	70.000000	0.000000000
## 4120	0.000000	12.00000	99.000000	0.176923077
## 4121	0.000000	6.00000	90.750000	0.022222222
## 4122	0.000000	2.00000	0.000000	0.200000000
## 4123	0.000000	6.00000	209.000000	0.000000000
## 4124	42.000000	25.00000	443.250000	0.006451613
## 4125	0.000000	46.00000	1044.800000	0.017021277
## 4126	0.000000	34.00000	783.566667	0.000000000
## 4127	0.000000	43.00000	2124.833333	0.000000000
## 4128	0.000000	19.00000	402.716667	0.000000000
## 4129	0.000000	1.00000	0.000000	0.200000000
## 4130	29.000000	28.00000	557.404762	0.013793103
## 4131	0.000000	7.00000	34.000000	0.114285714
## 4132	0.000000	35.00000	573.000000	0.000000000
## 4133	0.000000	53.00000	1062.749495	0.007843137
## 4134	0.000000	66.00000	1231.200000	0.006280193
## 4135	0.000000	7.00000	98.333333	0.028571429
## 4136	11.500000	129.00000	5293.824709	0.005072464
## 4137	0.000000	77.00000	1230.312302	0.000000000
## 4138	0.000000	18.00000	498.333333	0.010000000
## 4139	0.000000	15.00000	225.000000	0.000000000
## 4140	0.000000	28.00000	710.908333	0.006451613
## 4141	0.000000	18.00000	356.500000	0.012500000
## 4142	160.500000	26.00000	1975.633333	0.017647059
## 4143	0.000000	21.00000	248.833333	0.010000000
## 4144	2.000000	12.00000	1311.000000	0.053333333
## 4145	0.000000	22.00000	2473.250000	0.009090909
## 4146	0.000000	6.00000	72.000000	0.000000000
## 4147	0.000000	7.00000	110.750000	0.000000000
## 4148	0.000000	6.00000	110.000000	0.011111111
## 4149	37.000000	34.00000	581.226191	0.023809524
## 4150	0.000000	39.00000	1634.095238	0.000000000
## 4151	0.000000	18.00000	473.750000	0.037500000
## 4152	0.000000	16.00000	602.000000	0.014705882
## 4153	0.000000	1.00000	13.000000	0.000000000

## 4154	0.000000	49.00000	4651.033333 0.020000000
## 4155	0.000000	76.00000	2854.783333 0.005866667
## 4156	0.000000	7.00000	224.000000 0.066666667
## 4157	0.000000	7.00000	701.000000 0.000000000
## 4158	0.000000	24.00000	506.166667 0.021333333
## 4159	0.000000	15.00000	791.000000 0.000000000
## 4160	0.000000	22.00000	401.166667 0.000000000
## 4161	0.000000	6.00000	102.000000 0.000000000
## 4162	0.000000	26.00000	852.766667 0.001923077
## 4163	0.000000	36.00000	2670.869444 0.000000000
## 4164	0.000000	6.00000	105.000000 0.066666667
## 4165	31.000000	32.00000	898.171429 0.000000000
## 4166	0.000000	20.00000	243.416667 0.000000000
## 4167	0.000000	1.00000	0.000000 0.200000000
## 4168	0.000000	8.00000	191.000000 0.000000000
## 4169	1258.833333	195.00000	7675.149290 0.001937543
## 4170	0.000000	10.00000	182.166667 0.000000000
## 4171	0.000000	11.00000	547.500000 0.018181818
## 4172	26.000000	51.00000	3540.239394 0.001960784
## 4173	56.000000	35.00000	1386.633333 0.010256410
## 4174	0.000000	32.00000	673.125000 0.006451613
## 4175	0.000000	13.00000	158.333333 0.015384615
## 4176	309.000000	36.00000	1523.416667 0.011742424
## 4177	0.000000	13.00000	151.500000 0.003333333
## 4178	0.000000	3.00000	70.000000 0.000000000
## 4179	0.000000	10.00000	856.333333 0.025000000
## 4180	0.000000	20.00000	289.750000 0.000000000
## 4181	0.000000	64.00000	2555.123810 0.017460317
## 4182	0.000000	1.00000	0.000000 0.200000000
## 4183	27.000000	20.00000	566.500000 0.004761905
## 4184	0.000000	26.00000	453.333333 0.015384615
## 4185	0.000000	4.00000	85.000000 0.000000000
## 4186	0.000000	23.00000	489.250000 0.001739130
## 4187	57.000000	99.00000	6266.208586 0.000000000
## 4188	0.000000	9.00000	88.950000 0.000000000
## 4189	0.000000	32.00000	2423.750000 0.002777778
## 4190	0.000000	33.00000	1606.831818 0.000000000
## 4191	0.000000	19.00000	692.622222 0.000000000
## 4192	0.000000	5.00000	48.500000 0.000000000
## 4193	0.000000	22.00000	2232.500000 0.000000000
## 4194	0.000000	5.00000	90.333333 0.025000000
## 4195	1778.000000	362.00000	13259.293960 0.002883379
## 4196	0.000000	6.00000	149.500000 0.000000000
## 4197	0.000000	12.00000	1638.500000 0.083333333
## 4198	0.000000	4.00000	44.000000 0.025000000
## 4199	0.000000	79.00000	1926.333390 0.015331010
## 4200	0.000000	5.00000	68.000000 0.000000000
## 4201	0.000000	44.00000	845.833333 0.004255319
## 4202	27.000000	68.00000	2950.623810 0.009589041
## 4203	0.000000	23.00000	813.000000 0.016666667
## 4204	10.000000	23.00000	1390.388889 0.000000000
## 4205	0.000000	34.00000	1345.755952 0.005128205
## 4206	0.000000	12.00000	213.500000 0.016666667
## 4207	0.000000	50.00000	1369.750000 0.020408163

## 4208	0.000000	4.00000	138.800000	0.000000000
## 4209	0.000000	49.00000	1164.416667	0.048000000
## 4210	0.000000	85.00000	1740.271008	0.011827957
## 4211	47.000000	36.00000	1994.500000	0.012222222
## 4212	0.000000	3.00000	283.000000	0.066666667
## 4213	41.000000	21.00000	459.666667	0.000000000
## 4214	0.000000	44.00000	1527.166667	0.012765957
## 4215	0.000000	30.00000	1151.200000	0.000000000
## 4216	0.000000	15.00000	266.000000	0.028571429
## 4217	0.000000	29.00000	2061.066667	0.018918919
## 4218	0.000000	21.00000	360.083333	0.000000000
## 4219	0.000000	19.00000	989.333333	0.000000000
## 4220	666.783333	42.00000	1822.841667	0.005769231
## 4221	151.666667	21.00000	2080.750000	0.011904762
## 4222	0.000000	18.00000	407.500000	0.000000000
## 4223	0.000000	8.00000	71.000000	0.022222222
## 4224	0.000000	10.00000	269.000000	0.000000000
## 4225	6.000000	13.00000	2782.750000	0.000000000
## 4226	0.000000	20.00000	285.666667	0.000000000
## 4227	373.000000	36.00000	1381.750000	0.000000000
## 4228	0.000000	64.00000	3289.500000	0.000000000
## 4229	0.000000	15.00000	181.500000	0.012500000
## 4230	0.000000	1.00000	0.000000	0.000000000
## 4231	0.000000	6.00000	117.500000	0.000000000
## 4232	0.000000	8.00000	147.000000	0.033333333
## 4233	0.000000	2.00000	0.000000	0.000000000
## 4234	0.000000	4.00000	19.600000	0.075000000
## 4235	0.000000	24.00000	488.333333	0.000000000
## 4236	0.000000	18.00000	760.000000	0.084210526
## 4237	42.000000	18.00000	401.968254	0.000000000
## 4238	0.000000	14.00000	166.166667	0.028571429
## 4239	40.000000	61.00000	2072.991919	0.005952381
## 4240	0.000000	9.00000	11.000000	0.155555556
## 4241	0.000000	56.00000	2504.413636	0.004918033
## 4242	0.000000	11.00000	488.000000	0.000000000
## 4243	61.000000	66.00000	1505.333333	0.000000000
## 4244	0.000000	74.00000	2763.250000	0.005405405
## 4245	0.000000	21.00000	947.000000	0.010000000
## 4246	0.000000	13.00000	365.750000	0.000000000
## 4247	0.000000	10.00000	450.000000	0.000000000
## 4248	0.000000	14.00000	363.300000	0.019047619
## 4249	0.000000	18.00000	1188.950000	0.000000000
## 4250	0.000000	12.00000	312.033333	0.000000000
## 4251	104.000000	9.00000	244.666667	0.050000000
## 4252	0.000000	7.00000	56.000000	0.000000000
## 4253	0.000000	3.00000	23.000000	0.044444444
## 4254	0.000000	15.00000	338.857143	0.000000000
## 4255	0.000000	9.00000	219.000000	0.030303030
## 4256	0.000000	6.00000	362.000000	0.000000000
## 4257	0.000000	3.00000	74.000000	0.000000000
## 4258	689.833333	96.00000	2964.590278	0.002608696
## 4259	0.000000	44.00000	1820.566667	0.029166667
## 4260	0.000000	35.00000	888.333333	0.005714286
## 4261	0.000000	37.00000	785.383333	0.050000000

## 4262	0.000000	9.00000	154.000000 0.000000000
## 4263	53.000000	29.00000	528.196429 0.000000000
## 4264	0.000000	6.00000	317.500000 0.000000000
## 4265	0.000000	13.00000	177.733333 0.000000000
## 4266	0.000000	22.00000	502.000000 0.000000000
## 4267	0.000000	21.00000	1148.500000 0.000000000
## 4268	163.666667	75.00000	13430.976060 0.002941176
## 4269	0.000000	17.00000	314.000000 0.000000000
## 4270	0.000000	3.00000	0.000000 0.200000000
## 4271	0.000000	28.00000	682.200000 0.001212121
## 4272	0.000000	8.00000	129.000000 0.025000000
## 4273	21.000000	51.00000	1933.898930 0.011259259
## 4274	136.750000	21.00000	1632.733333 0.000000000
## 4275	0.000000	40.00000	737.261905 0.013333333
## 4276	0.000000	2.00000	113.000000 0.000000000
## 4277	0.000000	2.00000	9.000000 0.000000000
## 4278	0.000000	4.00000	36.000000 0.000000000
## 4279	0.000000	5.00000	109.000000 0.000000000
## 4280	0.000000	10.00000	108.000000 0.040000000
## 4281	0.000000	19.00000	722.700000 0.000000000
## 4282	0.000000	27.00000	1058.023810 0.026923077
## 4283	0.000000	45.00000	1456.273810 0.000000000
## 4284	0.000000	2.00000	46.000000 0.000000000
## 4285	0.000000	10.00000	482.500000 0.000000000
## 4286	0.000000	8.00000	262.166667 0.000000000
## 4287	872.000000	77.00000	3909.620363 0.002409639
## 4288	0.000000	14.00000	280.500000 0.025000000
## 4289	0.000000	6.00000	142.500000 0.000000000
## 4290	0.000000	9.00000	0.000000 0.120000000
## 4291	0.000000	13.00000	190.000000 0.000000000
## 4292	0.000000	3.00000	22.500000 0.000000000
## 4293	0.000000	29.00000	1219.516667 0.000000000
## 4294	129.000000	57.00000	4516.588312 0.005000000
## 4295	0.000000	20.00000	1839.833333 0.000000000
## 4296	0.000000	17.00000	1217.430556 0.000000000
## 4297	0.000000	1.00000	0.000000 0.200000000
## 4298	0.000000	3.00000	30.000000 0.000000000
## 4299	0.000000	59.00000	2088.443506 0.006343284
## 4300	23.000000	42.00000	3503.025000 0.005142857
## 4301	0.000000	22.00000	2715.000000 0.000000000
## 4302	0.000000	16.00000	351.750000 0.008888889
## 4303	0.000000	21.00000	819.833333 0.000000000
## 4304	0.000000	9.00000	72.000000 0.022222222
## 4305	0.000000	13.00000	193.500000 0.085714286
## 4306	0.000000	1.00000	0.000000 0.200000000
## 4307	0.000000	7.00000	174.500000 0.042857143
## 4308	0.000000	16.00000	280.500000 0.000000000
## 4309	0.000000	3.00000	95.500000 0.000000000
## 4310	0.000000	17.00000	287.750000 0.073529412
## 4311	0.000000	38.00000	1326.250000 0.013157895
## 4312	0.000000	19.00000	386.850000 0.000000000
## 4313	0.000000	80.00000	4322.779121 0.002272727
## 4314	0.000000	51.00000	1229.166667 0.000000000
## 4315	0.000000	57.00000	4555.023810 0.000000000

## 4316	0.000000	5.00000	67.000000	0.120000000
## 4317	0.000000	4.00000	137.000000	0.150000000
## 4318	985.419048	30.00000	1956.022222	0.003083900
## 4319	0.000000	14.00000	584.333333	0.000000000
## 4320	0.000000	20.00000	497.538889	0.000000000
## 4321	1150.000000	58.00000	5072.395938	0.007667474
## 4322	0.000000	12.00000	115.050000	0.000000000
## 4323	0.000000	27.00000	477.500000	0.005000000
## 4324	83.500000	125.00000	3727.323810	0.000000000
## 4325	0.000000	6.00000	50.000000	0.033333333
## 4326	0.000000	18.00000	668.250000	0.022222222
## 4327	0.000000	19.00000	224.000000	0.000000000
## 4328	0.000000	33.00000	677.950000	0.005714286
## 4329	0.000000	24.00000	364.416667	0.000000000
## 4330	0.000000	1.00000	51.000000	0.000000000
## 4331	0.000000	25.00000	384.157143	0.007407407
## 4332	0.000000	18.00000	1844.416667	0.000000000
## 4333	0.000000	40.00000	1115.878205	0.000000000
## 4334	6.000000	4.00000	12.500000	0.066666667
## 4335	0.000000	21.00000	598.600000	0.000000000
## 4336	0.000000	11.00000	1019.500000	0.022222222
## 4337	0.000000	179.00000	5996.025000	0.010388889
## 4338	0.000000	52.00000	3593.129320	0.007795699
## 4339	0.000000	1.00000	0.000000	0.200000000
## 4340	0.000000	46.00000	1687.850000	0.000000000
## 4341	0.000000	126.00000	3372.826797	0.006250000
## 4342	0.000000	17.00000	392.166667	0.011764706
## 4343	0.000000	20.00000	559.380952	0.000000000
## 4344	0.000000	1.00000	0.000000	0.200000000
## 4345	0.000000	8.00000	142.000000	0.000000000
## 4346	0.000000	19.00000	421.600000	0.068421053
## 4347	0.000000	19.00000	538.200000	0.000000000
## 4348	0.000000	3.00000	208.500000	0.111111111
## 4349	0.000000	62.00000	1471.858333	0.060655738
## 4350	12.000000	15.00000	158.000000	0.000000000
## 4351	0.000000	21.00000	304.275000	0.000000000
## 4352	0.000000	8.00000	182.000000	0.000000000
## 4353	0.000000	46.00000	2425.083333	0.010869565
## 4354	0.000000	3.00000	164.000000	0.000000000
## 4355	0.000000	13.00000	151.000000	0.007692308
## 4356	0.000000	6.00000	45.000000	0.000000000
## 4357	0.000000	6.00000	223.333333	0.000000000
## 4358	0.000000	101.00000	2584.714286	0.011214953
## 4359	0.000000	10.00000	99.000000	0.040000000
## 4360	330.000000	7.00000	169.500000	0.016666667
## 4361	0.000000	27.00000	1739.250000	0.022222222
## 4362	33.000000	19.00000	569.513889	0.023076923
## 4363	0.000000	36.00000	1420.547902	0.015384615
## 4364	0.000000	17.00000	591.250000	0.041176471
## 4365	0.000000	3.00000	167.500000	0.000000000
## 4366	0.000000	18.00000	567.750000	0.000000000
## 4367	0.000000	3.00000	106.500000	0.000000000
## 4368	0.000000	63.00000	2461.250000	0.000000000
## 4369	0.000000	32.00000	1038.797619	0.000000000

## 4370	331.750000	7.00000	121.000000 0.046153846
## 4371	93.000000	28.00000	724.333333 0.000000000
## 4372	0.000000	37.00000	1238.375000 0.005405405
## 4373	6.000000	50.00000	1306.100000 0.004081633
## 4374	0.000000	8.00000	335.000000 0.025000000
## 4375	21.000000	41.00000	1193.333333 0.000975610
## 4376	0.000000	7.00000	185.000000 0.000000000
## 4377	0.000000	12.00000	497.000000 0.000000000
## 4378	0.000000	6.00000	78.000000 0.050000000
## 4379	0.000000	33.00000	1930.333333 0.012222222
## 4380	0.000000	17.00000	1175.500000 0.000000000
## 4381	516.000000	132.00000	3083.050977 0.001494396
## 4382	23.000000	22.00000	739.066667 0.000000000
## 4383	0.000000	15.00000	1233.250000 0.020000000
## 4384	0.000000	58.00000	1660.354762 0.003519062
## 4385	0.000000	8.00000	459.000000 0.000000000
## 4386	0.000000	15.00000	221.000000 0.000000000
## 4387	5.000000	30.00000	1039.244444 0.005714286
## 4388	53.500000	15.00000	270.571429 0.042105263
## 4389	1.000000	10.00000	384.400000 0.044444444
## 4390	0.000000	19.00000	160.500000 0.000000000
## 4391	0.000000	35.00000	999.000000 0.000000000
## 4392	0.000000	11.00000	228.666667 0.000000000
## 4393	0.000000	3.00000	324.000000 0.000000000
## 4394	0.000000	11.00000	2351.333333 0.000000000
## 4395	0.000000	1.00000	0.000000 0.200000000
## 4396	0.000000	11.00000	501.750000 0.016666667
## 4397	0.000000	20.00000	267.500000 0.022222222
## 4398	0.000000	16.00000	1599.266667 0.000000000
## 4399	0.000000	0.00000	0.000000 0.200000000
## 4400	22.000000	27.00000	2042.250000 0.045977011
## 4401	0.000000	35.00000	990.919118 0.018857143
## 4402	0.000000	10.00000	443.500000 0.000000000
## 4403	0.000000	73.00000	2958.500000 0.005405405
## 4404	0.000000	12.00000	293.500000 0.015384615
## 4405	0.000000	0.00000	0.000000 0.200000000
## 4406	0.000000	30.00000	1307.666667 0.018750000
## 4407	0.000000	5.00000	276.000000 0.000000000
## 4408	0.000000	32.00000	1723.750000 0.006666667
## 4409	0.000000	21.00000	352.416667 0.026923077
## 4410	0.000000	13.00000	135.000000 0.000000000
## 4411	0.000000	10.00000	257.000000 0.000000000
## 4412	0.000000	50.00000	1149.433333 0.012000000
## 4413	0.000000	15.00000	272.333333 0.000000000
## 4414	0.000000	6.00000	364.500000 0.077777778
## 4415	0.000000	4.00000	124.000000 0.000000000
## 4416	0.000000	24.00000	777.000000 0.025000000
## 4417	0.000000	8.00000	726.000000 0.075000000
## 4418	0.000000	13.00000	700.666667 0.000000000
## 4419	0.000000	31.00000	1282.000000 0.031250000
## 4420	0.000000	55.00000	1165.623254 0.013207547
## 4421	0.000000	2.00000	163.000000 0.000000000
## 4422	0.000000	54.00000	3510.416667 0.003571429
## 4423	0.000000	5.00000	58.000000 0.000000000

## 4424	0.000000	9.00000	442.000000	0.000000000
## 4425	0.000000	21.00000	612.750000	0.000000000
## 4426	27.000000	57.00000	1580.600000	0.011475410
## 4427	0.000000	10.00000	129.500000	0.000000000
## 4428	0.000000	10.00000	140.000000	0.040000000
## 4429	0.000000	18.00000	1090.533333	0.008695652
## 4430	0.000000	1.00000	14.000000	0.000000000
## 4431	0.000000	39.00000	743.011905	0.000000000
## 4432	0.000000	28.00000	2228.516667	0.000000000
## 4433	0.000000	2.00000	0.000000	0.200000000
## 4434	0.000000	10.00000	345.250000	0.020000000
## 4435	0.000000	2.00000	14.000000	0.000000000
## 4436	93.000000	15.00000	292.500000	0.000000000
## 4437	0.000000	16.00000	448.500000	0.000000000
## 4438	0.000000	28.00000	852.333333	0.013793103
## 4439	0.000000	4.00000	45.500000	0.000000000
## 4440	0.000000	26.00000	1122.583333	0.027407407
## 4441	0.000000	19.00000	716.950000	0.009523810
## 4442	0.000000	18.00000	412.333333	0.000000000
## 4443	0.000000	1.00000	0.000000	0.200000000
## 4444	0.000000	10.00000	240.416667	0.018181818
## 4445	99.000000	55.00000	3373.015865	0.016438356
## 4446	21.000000	15.00000	498.500000	0.000000000
## 4447	9.000000	25.00000	2852.000000	0.013333333
## 4448	0.000000	15.00000	75.000000	0.080000000
## 4449	0.000000	8.00000	209.250000	0.000000000
## 4450	0.000000	32.00000	3837.500000	0.000000000
## 4451	0.000000	60.00000	1205.945238	0.008823529
## 4452	600.000000	124.00000	5731.094444	0.018346253
## 4453	0.000000	12.00000	1077.000000	0.018181818
## 4454	0.000000	61.00000	1238.066667	0.004761905
## 4455	0.000000	15.00000	728.200000	0.000000000
## 4456	23.000000	70.00000	2218.276547	0.018000000
## 4457	848.416667	113.00000	5882.174206	0.000000000
## 4458	0.000000	4.00000	40.000000	0.000000000
## 4459	0.000000	16.00000	819.166667	0.000000000
## 4460	0.000000	1.00000	0.000000	0.200000000
## 4461	0.000000	1.00000	0.000000	0.200000000
## 4462	0.000000	10.00000	570.500000	0.000000000
## 4463	39.000000	19.00000	1527.607143	0.038095238
## 4464	0.000000	44.00000	831.608333	0.000000000
## 4465	0.000000	21.00000	952.533333	0.000000000
## 4466	102.000000	32.00000	478.500000	0.070588235
## 4467	0.000000	6.00000	197.500000	0.022222222
## 4468	0.000000	55.00000	1699.327668	0.000000000
## 4469	0.000000	6.00000	91.000000	0.000000000
## 4470	0.000000	4.00000	66.000000	0.000000000
## 4471	0.000000	4.00000	47.500000	0.050000000
## 4472	0.000000	16.00000	859.166667	0.000000000
## 4473	0.000000	1.00000	0.000000	0.200000000
## 4474	0.000000	10.00000	103.000000	0.020000000
## 4475	0.000000	28.00000	708.916667	0.000000000
## 4476	43.666667	118.00000	3712.811600	0.003252033
## 4477	69.000000	62.00000	1279.333333	0.000645161

## 4478	0.000000	14.00000	634.000000 0.000000000
## 4479	0.000000	2.00000	5.000000 0.000000000
## 4480	0.000000	60.00000	3086.398654 0.000287356
## 4481	0.000000	13.00000	174.000000 0.015384615
## 4482	0.000000	30.00000	2205.666667 0.000000000
## 4483	0.000000	1.00000	4.000000 0.000000000
## 4484	0.000000	26.00000	553.500000 0.000000000
## 4485	0.000000	34.00000	1644.857143 0.005000000
## 4486	14.000000	34.00000	3900.428571 0.035714286
## 4487	0.000000	46.00000	944.233333 0.004347826
## 4488	0.000000	15.00000	1137.000000 0.040000000
## 4489	126.000000	45.00000	1340.611199 0.028787879
## 4490	0.000000	38.00000	1348.700000 0.000000000
## 4491	0.000000	28.00000	752.716667 0.000000000
## 4492	0.000000	4.00000	14.000000 0.000000000
## 4493	0.000000	69.00000	2734.818254 0.000000000
## 4494	0.000000	58.00000	2498.029762 0.020689655
## 4495	272.500000	30.00000	974.269841 0.006451613
## 4496	70.000000	7.00000	110.000000 0.040000000
## 4497	0.000000	55.00000	1728.025397 0.049318182
## 4498	55.500000	4.00000	77.500000 0.000000000
## 4499	0.000000	9.00000	166.166667 0.000000000
## 4500	0.000000	10.00000	304.000000 0.000000000
## 4501	0.000000	25.00000	698.833333 0.000000000
## 4502	0.000000	4.00000	34.833333 0.028571429
## 4503	376.333333	42.00000	986.516667 0.019934641
## 4504	0.000000	9.00000	597.000000 0.111111111
## 4505	0.000000	11.00000	606.500000 0.000000000
## 4506	0.000000	10.00000	246.933333 0.006666667
## 4507	0.000000	9.00000	231.500000 0.022222222
## 4508	37.000000	24.00000	1067.795238 0.000000000
## 4509	0.000000	14.00000	698.583333 0.007692308
## 4510	0.000000	14.00000	115.666667 0.057142857
## 4511	17.000000	52.00000	3095.975000 0.012280702
## 4512	0.000000	19.00000	220.384849 0.010526316
## 4513	0.000000	16.00000	2041.083333 0.040000000
## 4514	26.000000	21.00000	405.333333 0.000000000
## 4515	10.000000	23.00000	237.250000 0.000000000
## 4516	56.000000	8.00000	497.333333 0.030000000
## 4517	0.000000	9.00000	87.500000 0.000000000
## 4518	0.000000	1.00000	1364.000000 0.000000000
## 4519	0.000000	68.00000	3177.791667 0.005970149
## 4520	108.000000	14.00000	562.666667 0.000000000
## 4521	0.000000	21.00000	1045.000000 0.000000000
## 4522	0.000000	3.00000	74.000000 0.000000000
## 4523	0.000000	10.00000	701.000000 0.000000000
## 4524	0.000000	8.00000	676.000000 0.000000000
## 4525	0.000000	9.00000	232.833333 0.033333333
## 4526	0.000000	29.00000	3229.169841 0.003225806
## 4527	0.000000	20.00000	584.000000 0.000000000
## 4528	0.000000	49.00000	1179.014103 0.000000000
## 4529	51.000000	19.00000	523.735065 0.002000000
## 4530	0.000000	5.00000	177.666667 0.000000000
## 4531	0.000000	16.00000	157.900000 0.050000000

## 4532	0.000000	18.00000	824.833333 0.000000000
## 4533	35.000000	15.00000	557.333333 0.000000000
## 4534	0.000000	7.00000	499.500000 0.000000000
## 4535	0.000000	13.00000	222.500000 0.000000000
## 4536	10.000000	58.00000	3816.366667 0.010606061
## 4537	0.000000	6.00000	78.666667 0.000000000
## 4538	0.000000	19.00000	543.775000 0.000000000
## 4539	0.000000	69.00000	1248.133333 0.005797101
## 4540	0.000000	12.00000	697.166667 0.000000000
## 4541	0.000000	61.00000	1423.967857 0.010000000
## 4542	0.000000	1.00000	0.000000 0.200000000
## 4543	0.000000	39.00000	1379.500000 0.006349206
## 4544	0.000000	31.00000	831.666667 0.030303030
## 4545	0.000000	14.00000	186.933333 0.042857143
## 4546	0.000000	4.00000	34.500000 0.000000000
## 4547	0.000000	38.00000	454.289177 0.011111111
## 4548	0.000000	20.00000	1201.600000 0.011111111
## 4549	0.000000	6.00000	180.666667 0.000000000
## 4550	14.000000	106.00000	3825.102381 0.007592593
## 4551	146.000000	89.00000	3639.737302 0.000217391
## 4552	0.000000	17.00000	344.333333 0.005555556
## 4553	0.000000	47.00000	1447.577273 0.000000000
## 4554	0.000000	4.00000	6.000000 0.100000000
## 4555	0.000000	12.00000	349.000000 0.066666667
## 4556	0.000000	35.00000	1977.050000 0.005263158
## 4557	0.000000	35.00000	706.400000 0.024561404
## 4558	0.000000	6.00000	245.000000 0.000000000
## 4559	0.000000	20.00000	1815.279762 0.012280702
## 4560	0.000000	7.00000	38.000000 0.142857143
## 4561	0.000000	4.00000	113.500000 0.026666667
## 4562	0.000000	22.00000	164.916667 0.009090909
## 4563	0.000000	16.00000	838.166667 0.012500000
## 4564	0.000000	175.00000	12634.620890 0.001156069
## 4565	26.750000	22.00000	553.583333 0.000000000
## 4566	0.000000	2.00000	39.000000 0.000000000
## 4567	0.000000	38.00000	1155.000000 0.004545455
## 4568	0.000000	20.00000	419.000000 0.000000000
## 4569	0.000000	5.00000	384.000000 0.000000000
## 4570	0.000000	7.00000	93.700000 0.028571429
## 4571	0.000000	4.00000	15.000000 0.100000000
## 4572	0.000000	59.00000	4200.597222 0.017241379
## 4573	0.000000	17.00000	141.500000 0.082352941
## 4574	0.000000	11.00000	543.300000 0.018181818
## 4575	0.000000	2.00000	0.000000 0.066666667
## 4576	0.000000	32.00000	886.958333 0.006250000
## 4577	25.500000	52.00000	1887.158242 0.003508772
## 4578	0.000000	11.00000	565.000000 0.000000000
## 4579	0.000000	4.00000	110.000000 0.000000000
## 4580	0.000000	72.00000	1032.761905 0.000000000
## 4581	0.000000	42.00000	879.033333 0.004761905
## 4582	14.000000	89.00000	1332.088889 0.000000000
## 4583	0.000000	10.00000	355.000000 0.000000000
## 4584	0.000000	9.00000	272.000000 0.013333333
## 4585	0.000000	12.00000	241.200000 0.050000000

## 4586	0.000000	44.00000	1065.501515	0.006333333
## 4587	0.000000	6.00000	224.000000	0.000000000
## 4588	0.000000	25.00000	612.583333	0.008333333
## 4589	0.000000	59.00000	2516.833333	0.025423729
## 4590	23.000000	82.00000	1814.564286	0.002325581
## 4591	0.000000	38.00000	1880.966667	0.003703704
## 4592	131.000000	36.00000	868.416667	0.000000000
## 4593	0.000000	106.00000	2980.889179	0.001851852
## 4594	0.000000	13.00000	893.216667	0.000000000
## 4595	0.000000	2.00000	139.000000	0.000000000
## 4596	0.000000	3.00000	26.000000	0.066666667
## 4597	0.000000	9.00000	1331.000000	0.022222222
## 4598	0.000000	5.00000	64.500000	0.000000000
## 4599	0.000000	148.00000	4010.064286	0.017088608
## 4600	0.000000	32.00000	2759.633333	0.027083333
## 4601	0.000000	8.00000	215.000000	0.062500000
## 4602	0.000000	8.00000	72.500000	0.025000000
## 4603	0.000000	31.00000	2543.500000	0.000000000
## 4604	0.000000	3.00000	16.000000	0.000000000
## 4605	236.000000	28.00000	1246.124103	0.006666667
## 4606	0.000000	20.00000	850.035714	0.025000000
## 4607	0.000000	30.00000	849.750000	0.077419355
## 4608	0.000000	28.00000	385.500000	0.087356322
## 4609	0.000000	440.00000	9951.869139	0.001850220
## 4610	0.000000	22.00000	584.500000	0.009090909
## 4611	0.000000	10.00000	1038.333333	0.000000000
## 4612	0.000000	19.00000	741.833333	0.000000000
## 4613	0.000000	15.00000	253.554167	0.000000000
## 4614	0.000000	15.00000	537.200000	0.011764706
## 4615	17.000000	29.00000	1514.600000	0.022222222
## 4616	153.500000	156.00000	3899.001328	0.000170068
## 4617	0.000000	54.00000	2008.807143	0.014423077
## 4618	0.000000	9.00000	117.000000	0.000000000
## 4619	0.000000	59.00000	1889.700000	0.005747126
## 4620	0.000000	6.00000	106.000000	0.040000000
## 4621	0.000000	19.00000	725.333333	0.010526316
## 4622	0.000000	19.00000	501.766667	0.000000000
## 4623	51.000000	33.00000	814.500000	0.006060606
## 4624	515.000000	4.00000	718.666667	0.000000000
## 4625	0.000000	4.00000	25.000000	0.000000000
## 4626	0.000000	16.00000	450.833333	0.043750000
## 4627	0.000000	3.00000	0.000000	0.200000000
## 4628	0.000000	61.00000	867.464286	0.000585938
## 4629	0.000000	13.00000	813.800000	0.000000000
## 4630	4.000000	46.00000	1203.083333	0.066226415
## 4631	0.000000	15.00000	484.000000	0.000000000
## 4632	116.000000	26.00000	595.341667	0.026728111
## 4633	0.000000	62.00000	969.150000	0.001092896
## 4634	0.000000	23.00000	790.166667	0.000000000
## 4635	22.500000	108.00000	4033.471998	0.007402653
## 4636	0.000000	14.00000	460.000000	0.000000000
## 4637	47.000000	39.00000	1167.966667	0.005853659
## 4638	0.000000	24.00000	409.303030	0.008333333
## 4639	0.000000	19.00000	232.566667	0.000000000

## 4640	0.000000	58.00000	1645.966667	0.014285714
## 4641	0.000000	22.00000	428.450000	0.004545455
## 4642	0.000000	40.00000	2872.916667	0.000000000
## 4643	0.000000	4.00000	100.500000	0.000000000
## 4644	0.000000	52.00000	1622.433333	0.006410256
## 4645	2.000000	16.00000	589.666667	0.000000000
## 4646	0.000000	24.00000	841.166667	0.008333333
## 4647	6.000000	1.00000	25.000000	0.000000000
## 4648	0.000000	60.00000	1147.615584	0.004285714
## 4649	104.000000	42.00000	2724.008983	0.006500000
## 4650	0.000000	16.00000	973.500000	0.025000000
## 4651	0.000000	16.00000	252.000000	0.000000000
## 4652	0.000000	3.00000	76.500000	0.040000000
## 4653	0.000000	20.00000	248.416667	0.010526316
## 4654	5.000000	66.00000	2537.450000	0.003956044
## 4655	0.000000	77.00000	3733.228571	0.018666667
## 4656	0.000000	22.00000	598.250000	0.000000000
## 4657	0.000000	13.00000	161.166667	0.024615385
## 4658	0.000000	4.00000	33.000000	0.050000000
## 4659	89.000000	6.00000	154.500000	0.000000000
## 4660	0.000000	27.00000	1474.233333	0.013333333
## 4661	0.000000	14.00000	116.833333	0.064285714
## 4662	0.000000	12.00000	2054.333333	0.000000000
## 4663	17.000000	7.00000	258.000000	0.000000000
## 4664	0.000000	5.00000	476.000000	0.013333333
## 4665	0.000000	13.00000	283.500000	0.000000000
## 4666	0.000000	18.00000	1217.850000	0.000000000
## 4667	0.000000	14.00000	625.000000	0.000000000
## 4668	0.000000	5.00000	217.000000	0.000000000
## 4669	0.000000	14.00000	167.500000	0.081250000
## 4670	0.000000	6.00000	24.000000	0.133333333
## 4671	0.000000	11.00000	1760.000000	0.036363636
## 4672	0.000000	5.00000	14.000000	0.120000000
## 4673	0.000000	8.00000	358.000000	0.050000000
## 4674	0.000000	14.00000	244.000000	0.004761905
## 4675	0.000000	31.00000	1470.416667	0.000000000
## 4676	0.000000	4.00000	101.000000	0.000000000
## 4677	0.000000	51.00000	4522.409524	0.015757576
## 4678	0.000000	10.00000	72.500000	0.080000000
## 4679	0.000000	46.00000	1804.900000	0.017730496
## 4680	0.000000	6.00000	63.500000	0.000000000
## 4681	0.000000	34.00000	887.666667	0.000000000
## 4682	0.000000	40.00000	1411.833333	0.000000000
## 4683	0.000000	34.00000	2240.166667	0.013541667
## 4684	13.000000	37.00000	3618.016667	0.002000000
## 4685	0.000000	22.00000	1245.600000	0.008695652
## 4686	36.000000	70.00000	1675.525366	0.018181818
## 4687	0.000000	11.00000	220.966667	0.020512821
## 4688	0.000000	11.00000	959.000000	0.000000000
## 4689	0.000000	16.00000	278.914286	0.007142857
## 4690	0.000000	8.00000	110.000000	0.000000000
## 4691	0.000000	6.00000	203.000000	0.100000000
## 4692	0.000000	5.00000	82.000000	0.040000000
## 4693	35.000000	21.00000	458.700000	0.016666667

## 4694	13.000000	23.00000	759.666667 0.013043478
## 4695	146.000000	26.00000	1740.450000 0.016666667
## 4696	72.000000	13.00000	462.000000 0.000000000
## 4697	0.000000	8.00000	603.000000 0.014285714
## 4698	43.000000	25.00000	1053.080952 0.000000000
## 4699	0.000000	75.00000	1289.250000 0.005479452
## 4700	7.000000	11.00000	192.750000 0.000000000
## 4701	0.000000	27.00000	463.833333 0.040740741
## 4702	0.000000	18.00000	224.500000 0.037500000
## 4703	0.000000	17.00000	697.516667 0.000000000
## 4704	474.500000	46.00000	1431.333333 0.003703704
## 4705	0.000000	18.00000	754.916667 0.000000000
## 4706	0.000000	5.00000	161.500000 0.000000000
## 4707	0.000000	6.00000	134.000000 0.066666667
## 4708	0.000000	4.00000	880.000000 0.000000000
## 4709	0.000000	31.00000	1539.791667 0.000000000
## 4710	0.000000	31.00000	945.666667 0.006896552
## 4711	0.000000	8.00000	323.500000 0.000000000
## 4712	0.000000	59.00000	1261.166667 0.035380117
## 4713	391.000000	61.00000	1037.807143 0.003174603
## 4714	0.000000	2.00000	14.000000 0.000000000
## 4715	370.875000	22.00000	526.028138 0.032142857
## 4716	0.000000	39.00000	659.935714 0.000000000
## 4717	0.000000	8.00000	139.000000 0.000000000
## 4718	0.000000	26.00000	419.352381 0.007692308
## 4719	0.000000	28.00000	1265.750000 0.000000000
## 4720	0.000000	3.00000	91.000000 0.066666667
## 4721	0.000000	67.00000	2421.060623 0.000000000
## 4722	0.000000	6.00000	1180.500000 0.000000000
## 4723	0.000000	181.00000	4079.530461 0.013821990
## 4724	25.000000	8.00000	388.000000 0.025000000
## 4725	0.000000	10.00000	428.666667 0.000000000
## 4726	0.000000	27.00000	759.085714 0.000000000
## 4727	0.000000	4.00000	1440.000000 0.000000000
## 4728	0.000000	116.00000	4426.650649 0.000000000
## 4729	0.000000	28.00000	160.000000 0.000000000
## 4730	0.000000	53.00000	861.333333 0.003636364
## 4731	0.000000	10.00000	109.000000 0.036363636
## 4732	0.000000	8.00000	129.000000 0.033333333
## 4733	0.000000	23.00000	619.500000 0.008333333
## 4734	-1.000000	1.00000	-1.000000 0.200000000
## 4735	0.000000	19.00000	806.833333 0.000000000
## 4736	0.000000	29.00000	1131.315476 0.021428571
## 4737	0.000000	29.00000	1816.427273 0.011458333
## 4738	0.000000	24.00000	566.727273 0.026086957
## 4739	0.000000	19.00000	468.833333 0.046296296
## 4740	0.000000	10.00000	647.666667 0.016666667
## 4741	0.000000	2.00000	59.000000 0.000000000
## 4742	0.000000	55.00000	1247.357143 0.001886792
## 4743	0.000000	18.00000	443.000000 0.000000000
## 4744	0.000000	19.00000	407.833333 0.000000000
## 4745	0.000000	9.00000	95.300000 0.000000000
## 4746	0.000000	7.00000	92.500000 0.088888889
## 4747	0.000000	3.00000	258.000000 0.000000000

## 4748	100.000000	13.00000	364.350000 0.000000000
## 4749	0.000000	40.00000	4175.750000 0.048333333
## 4750	0.000000	9.00000	326.000000 0.000000000
## 4751	489.600000	40.00000	1190.400000 0.000000000
## 4752	0.000000	21.00000	830.000000 0.052380952
## 4753	0.000000	5.00000	99.666667 0.000000000
## 4754	0.000000	102.00000	5978.180357 0.004692308
## 4755	95.000000	95.00000	2411.789279 0.000000000
## 4756	0.000000	9.00000	165.000000 0.000000000
## 4757	0.000000	10.00000	111.416667 0.000000000
## 4758	0.000000	10.00000	377.500000 0.020000000
## 4759	0.000000	13.00000	190.250000 0.030769231
## 4760	101.000000	7.00000	208.500000 0.000000000
## 4761	0.000000	14.00000	1225.000000 0.015384615
## 4762	0.000000	46.00000	4681.894444 0.008000000
## 4763	0.000000	4.00000	107.000000 0.000000000
## 4764	0.000000	11.00000	161.000000 0.000000000
## 4765	0.000000	20.00000	645.709524 0.010526316
## 4766	57.000000	11.00000	252.892857 0.000000000
## 4767	0.000000	42.00000	1722.500000 0.000000000
## 4768	0.000000	5.00000	35.666667 0.080000000
## 4769	0.000000	24.00000	460.450000 0.016666667
## 4770	0.000000	29.00000	778.358333 0.013793103
## 4771	10.000000	17.00000	713.333333 0.000000000
## 4772	0.000000	7.00000	67.333333 0.100000000
## 4773	0.000000	27.00000	392.466667 0.000000000
## 4774	7.000000	23.00000	198.884849 0.000000000
## 4775	0.000000	70.00000	961.549351 0.005263158
## 4776	0.000000	29.00000	1155.500000 0.058620690
## 4777	0.000000	4.00000	93.500000 0.000000000
## 4778	0.000000	25.00000	575.000000 0.006666667
## 4779	0.000000	45.00000	881.741270 0.000531915
## 4780	0.000000	53.00000	1511.195238 0.005454545
## 4781	0.000000	1.00000	0.000000 0.200000000
## 4782	0.000000	13.00000	473.500000 0.015384615
## 4783	0.000000	3.00000	400.666667 0.000000000
## 4784	84.000000	15.00000	674.247619 0.008695652
## 4785	0.000000	20.00000	723.250000 0.036363636
## 4786	0.000000	8.00000	211.000000 0.000000000
## 4787	0.000000	11.00000	976.000000 0.000000000
## 4788	7.000000	24.00000	551.666667 0.008333333
## 4789	0.000000	2.00000	27.000000 0.000000000
## 4790	0.000000	14.00000	446.833333 0.000000000
## 4791	36.000000	24.00000	914.506061 0.015384615
## 4792	0.000000	14.00000	108.000000 0.000000000
## 4793	0.000000	50.00000	549.916667 0.000000000
## 4794	0.000000	31.00000	1383.166667 0.030107527
## 4795	0.000000	1.00000	0.000000 0.200000000
## 4796	0.000000	1.00000	0.000000 0.200000000
## 4797	0.000000	41.00000	1271.333333 0.029268293
## 4798	0.000000	4.00000	31.000000 0.100000000
## 4799	92.500000	9.00000	359.166667 0.000000000
## 4800	0.000000	2.00000	26.000000 0.013333333
## 4801	157.000000	36.00000	3010.532051 0.000000000

## 4802	0.000000	7.00000	243.000000	0.057142857
## 4803	0.000000	128.00000	5287.233333	0.017187500
## 4804	86.000000	23.00000	237.095238	0.000000000
## 4805	75.666667	50.00000	2387.435714	0.019393939
## 4806	0.000000	30.00000	860.316667	0.000000000
## 4807	0.000000	9.00000	148.333333	0.040000000
## 4808	0.000000	52.00000	1089.642857	0.003508772
## 4809	0.000000	25.00000	1229.250000	0.025333333
## 4810	0.000000	2.00000	21.000000	0.000000000
## 4811	0.000000	103.00000	1934.992857	0.029901961
## 4812	0.000000	13.00000	242.000000	0.000000000
## 4813	0.000000	3.00000	110.000000	0.000000000
## 4814	0.000000	39.00000	1905.152381	0.005000000
## 4815	0.000000	5.00000	223.000000	0.000000000
## 4816	85.000000	2.00000	35.500000	0.000000000
## 4817	92.000000	15.00000	463.000000	0.036363636
## 4818	0.000000	14.00000	148.000000	0.064285714
## 4819	0.000000	6.00000	202.000000	0.000000000
## 4820	0.000000	1.00000	0.000000	0.200000000
## 4821	0.000000	16.00000	733.252381	0.000000000
## 4822	18.000000	28.00000	1559.650000	0.012500000
## 4823	0.000000	13.00000	208.833333	0.030769231
## 4824	0.000000	21.00000	204.166667	0.028571429
## 4825	0.000000	25.00000	434.671429	0.000000000
## 4826	0.000000	13.00000	229.500000	0.000000000
## 4827	5.000000	10.00000	649.500000	0.000000000
## 4828	0.000000	12.00000	2052.833333	0.016666667
## 4829	0.000000	1.00000	0.000000	0.200000000
## 4830	1439.000000	19.00000	1119.716667	0.000000000
## 4831	0.000000	27.00000	1192.226190	0.000000000
## 4832	31.000000	13.00000	292.000000	0.000000000
## 4833	9.000000	10.00000	491.000000	0.000000000
## 4834	0.000000	45.00000	3141.258333	0.021739130
## 4835	64.000000	67.00000	1222.470924	0.014414414
## 4836	72.500000	80.00000	1552.504762	0.002247191
## 4837	0.000000	42.00000	922.208333	0.000000000
## 4838	0.000000	2.00000	12.000000	0.000000000
## 4839	0.000000	17.00000	831.388889	0.033333333
## 4840	0.000000	32.00000	593.507143	0.000000000
## 4841	0.000000	4.00000	67.500000	0.000000000
## 4842	0.000000	4.00000	29.000000	0.100000000
## 4843	0.000000	39.00000	964.070513	0.020512821
## 4844	0.000000	16.00000	421.250000	0.000000000
## 4845	0.000000	5.00000	180.500000	0.040000000
## 4846	0.000000	38.00000	1633.833333	0.000000000
## 4847	-1.000000	1.00000	-1.000000	0.200000000
## 4848	0.000000	3.00000	62.000000	0.000000000
## 4849	0.000000	31.00000	2581.208333	0.025000000
## 4850	0.000000	36.00000	513.400000	0.004166667
## 4851	0.000000	10.00000	221.000000	0.100000000
## 4852	243.000000	25.00000	1971.194444	0.007142857
## 4853	0.000000	2.00000	247.000000	0.000000000
## 4854	0.000000	50.00000	1911.333333	0.004000000
## 4855	0.000000	83.00000	3025.283333	0.000000000

## 4856	0.000000	7.00000	48.000000	0.114285714
## 4857	0.000000	3.00000	47.500000	0.000000000
## 4858	0.000000	2.00000	0.000000	0.200000000
## 4859	0.000000	29.00000	1846.635470	0.006896552
## 4860	0.000000	41.00000	1955.783333	0.000000000
## 4861	0.000000	6.00000	62.000000	0.133333333
## 4862	0.000000	41.00000	634.666667	0.012698413
## 4863	0.000000	6.00000	162.500000	0.000000000
## 4864	0.000000	28.00000	724.066667	0.007407407
## 4865	3.000000	115.00000	8388.316083	0.012525010
## 4866	0.000000	4.00000	247.000000	0.000000000
## 4867	0.000000	4.00000	28.000000	0.000000000
## 4868	315.000000	63.00000	2162.224767	0.009230769
## 4869	529.700000	178.00000	4339.534423	0.003939056
## 4870	0.000000	10.00000	148.500000	0.090000000
## 4871	0.000000	14.00000	416.833333	0.000000000
## 4872	0.000000	16.00000	213.366667	0.037500000
## 4873	0.000000	11.00000	440.000000	0.000000000
## 4874	0.000000	46.00000	1107.666667	0.005925926
## 4875	0.000000	36.00000	1851.833333	0.008333333
## 4876	28.000000	19.00000	1120.266667	0.021052632
## 4877	0.000000	16.00000	1215.766667	0.000000000
## 4878	38.000000	10.00000	311.000000	0.018181818
## 4879	0.000000	48.00000	2562.083333	0.004255319
## 4880	0.000000	39.00000	2827.428571	0.000000000
## 4881	135.500000	69.00000	3596.933967	0.004761905
## 4882	503.250000	61.00000	1880.271429	0.000000000
## 4883	0.000000	5.00000	249.000000	0.000000000
## 4884	39.000000	4.00000	45.333333	0.000000000
## 4885	725.500000	101.00000	4713.800000	0.009444444
## 4886	0.000000	4.00000	0.000000	0.200000000
## 4887	0.000000	106.00000	1974.702597	0.001886792
## 4888	0.000000	3.00000	23.000000	0.066666667
## 4889	0.000000	25.00000	960.000000	0.016000000
## 4890	0.000000	31.00000	1189.333333	0.000000000
## 4891	0.000000	63.00000	1021.000000	0.026562500
## 4892	0.000000	48.00000	970.419264	0.008571429
## 4893	0.000000	11.00000	507.333333	0.000000000
## 4894	0.000000	14.00000	203.000000	0.000000000
## 4895	13.000000	42.00000	1356.457359	0.036601307
## 4896	0.000000	2.00000	5.000000	0.000000000
## 4897	0.000000	46.00000	2308.261905	0.000000000
## 4898	14.000000	37.00000	935.557143	0.000000000
## 4899	0.000000	7.00000	88.750000	0.013333333
## 4900	58.500000	33.00000	1847.211905	0.000000000
## 4901	0.000000	15.00000	216.000000	0.023809524
## 4902	0.000000	8.00000	119.000000	0.075000000
## 4903	0.000000	22.00000	420.200000	0.008695652
## 4904	0.000000	4.00000	47.000000	0.100000000
## 4905	0.000000	5.00000	109.500000	0.080000000
## 4906	23.000000	52.00000	4167.488095	0.009615385
## 4907	36.000000	23.00000	660.404762	0.016000000
## 4908	0.000000	25.00000	375.661905	0.004000000
## 4909	38.000000	46.00000	1060.451515	0.004444444

## 4910	0.000000	3.00000	17.000000	0.100000000
## 4911	0.000000	7.00000	180.000000	0.000000000
## 4912	0.000000	9.00000	113.000000	0.066666667
## 4913	0.000000	43.00000	875.000000	0.000000000
## 4914	0.000000	15.00000	1269.500000	0.014285714
## 4915	0.000000	20.00000	2280.833333	0.010000000
## 4916	0.000000	2.00000	11.000000	0.000000000
## 4917	0.000000	66.00000	2582.696970	0.003030303
## 4918	18.000000	9.00000	548.000000	0.000000000
## 4919	0.000000	21.00000	2046.500000	0.016000000
## 4920	0.000000	14.00000	2530.500000	0.014285714
## 4921	0.000000	3.00000	31.000000	0.066666667
## 4922	55.000000	41.00000	1705.041667	0.004545455
## 4923	0.000000	3.00000	71.000000	0.100000000
## 4924	869.000000	42.00000	2066.927778	0.017391304
## 4925	262.750000	12.00000	350.425397	0.002614379
## 4926	0.000000	3.00000	344.500000	0.000000000
## 4927	0.000000	9.00000	160.500000	0.000000000
## 4928	0.000000	30.00000	586.533333	0.000000000
## 4929	0.000000	35.00000	1557.166667	0.005555556
## 4930	23.500000	56.00000	2915.166667	0.000000000
## 4931	0.000000	4.00000	100.166667	0.000000000
## 4932	0.000000	6.00000	77.000000	0.000000000
## 4933	0.000000	15.00000	421.500000	0.000000000
## 4934	0.000000	70.00000	1453.900000	0.010144928
## 4935	0.000000	12.00000	408.500000	0.000000000
## 4936	0.000000	24.00000	1244.066667	0.008000000
## 4937	0.000000	49.00000	837.416667	0.000000000
## 4938	0.000000	12.00000	454.226190	0.011764706
## 4939	0.000000	1.00000	0.000000	0.200000000
## 4940	0.000000	27.00000	1753.583333	0.000000000
## 4941	393.325000	34.00000	1352.816503	0.009406495
## 4942	0.000000	6.00000	332.000000	0.000000000
## 4943	0.000000	26.00000	1380.833333	0.000000000
## 4944	0.000000	23.00000	684.500000	0.021739130
## 4945	103.166667	21.00000	1586.333333	0.016666667
## 4946	0.000000	15.00000	575.666667	0.043333333
## 4947	0.000000	1.00000	0.000000	0.200000000
## 4948	0.000000	14.00000	1319.833333	0.000000000
## 4949	0.000000	21.00000	979.016667	0.000000000
## 4950	32.000000	11.00000	948.000000	0.013333333
## 4951	0.000000	16.00000	315.250000	0.000000000
## 4952	0.000000	11.00000	549.333333	0.000000000
## 4953	0.000000	7.00000	304.333333	0.000000000
## 4954	19.000000	49.00000	1527.583333	0.007843137
## 4955	0.000000	8.00000	856.416667	0.000000000
## 4956	24.000000	15.00000	1075.500000	0.000000000
## 4957	0.000000	9.00000	368.500000	0.000000000
## 4958	0.000000	3.00000	12.000000	0.066666667
## 4959	263.666667	41.00000	1919.245230	0.014875647
## 4960	0.000000	154.00000	4712.769322	0.001282051
## 4961	0.000000	11.00000	482.666667	0.000000000
## 4962	0.000000	59.00000	2012.900794	0.001538462
## 4963	7.000000	49.00000	1714.868651	0.013711002

## 4964	0.000000	16.00000	650.833333 0.000000000
## 4965	0.000000	26.00000	781.500000 0.007692308
## 4966	0.000000	17.00000	665.984848 0.000000000
## 4967	71.000000	16.00000	244.000000 0.000000000
## 4968	0.000000	24.00000	255.322222 0.025000000
## 4969	0.000000	70.00000	2083.300000 0.000980392
## 4970	17.000000	80.00000	1143.371078 0.002463054
## 4971	27.000000	18.00000	630.871912 0.000000000
## 4972	62.333333	34.00000	1122.272727 0.047222222
## 4973	0.000000	4.00000	111.666667 0.000000000
## 4974	0.000000	37.00000	821.333333 0.000000000
## 4975	0.000000	184.00000	7706.546429 0.002083333
## 4976	0.000000	5.00000	626.000000 0.000000000
## 4977	0.000000	5.00000	47.000000 0.000000000
## 4978	0.000000	17.00000	857.000000 0.023529412
## 4979	0.000000	3.00000	44.000000 0.066666667
## 4980	0.000000	66.00000	1859.500000 0.005128205
## 4981	61.500000	36.00000	625.308112 0.011627907
## 4982	0.000000	73.00000	1209.761905 0.002816901
## 4983	0.000000	19.00000	801.583333 0.010526316
## 4984	0.000000	27.00000	1115.750000 0.015384615
## 4985	144.000000	15.00000	280.083333 0.010526316
## 4986	0.000000	9.00000	260.300000 0.000000000
## 4987	0.000000	12.00000	1562.000000 0.023000000
## 4988	82.000000	93.00000	3148.173939 0.021875000
## 4989	0.000000	21.00000	464.583333 0.000000000
## 4990	0.000000	14.00000	310.000000 0.028571429
## 4991	0.000000	12.00000	1287.000000 0.000000000
## 4992	0.000000	15.00000	153.000000 0.000000000
## 4993	0.000000	41.00000	881.166667 0.009756098
## 4994	0.000000	2.00000	247.000000 0.000000000
## 4995	0.000000	26.00000	601.768182 0.000000000
## 4996	5.000000	116.00000	3364.191667 0.014957265
## 4997	0.000000	13.00000	490.083333 0.000000000
## 4998	0.000000	5.00000	87.000000 0.040000000
## 4999	0.000000	6.00000	954.500000 0.000000000
## 5000	0.000000	2.00000	22.000000 0.000000000
## 5001	0.000000	43.00000	3283.722222 0.009302326
## 5002	0.000000	29.00000	1412.500000 0.007142857
## 5003	0.000000	9.00000	113.000000 0.022222222
## 5004	8.000000	59.00000	1828.774603 0.003874092
## 5005	0.000000	24.00000	1381.733333 0.031481481
## 5006	0.000000	9.00000	890.000000 0.044444444
## 5007	0.000000	39.00000	1183.500000 0.012820513
## 5008	113.000000	14.00000	536.035714 0.000000000
## 5009	0.000000	45.00000	547.500000 0.033469388
## 5010	0.000000	88.00000	1917.683333 0.003409091
## 5011	37.400000	23.00000	1146.500000 0.015384615
## 5012	0.000000	36.00000	2362.500000 0.000000000
## 5013	0.000000	10.00000	393.000000 0.020000000
## 5014	0.000000	26.00000	730.533333 0.011538462
## 5015	0.000000	6.00000	1563.000000 0.000000000
## 5016	24.000000	9.00000	717.000000 0.020000000
## 5017	163.000000	36.00000	2928.777778 0.002631579

## 5018	0.000000	21.00000	884.333333 0.000000000
## 5019	0.000000	28.00000	606.416667 0.027619048
## 5020	0.000000	9.00000	261.700000 0.000000000
## 5021	0.000000	16.00000	431.500000 0.056250000
## 5022	0.000000	14.00000	184.833333 0.000000000
## 5023	0.000000	41.00000	1135.860714 0.000000000
## 5024	-1.000000	1.00000	-1.000000 0.200000000
## 5025	-1.000000	1.00000	-1.000000 0.200000000
## 5026	0.000000	2.00000	69.000000 0.000000000
## 5027	0.000000	24.00000	272.000000 0.056000000
## 5028	0.000000	44.00000	815.475000 0.000000000
## 5029	7.000000	24.00000	678.000000 0.000000000
## 5030	0.000000	3.00000	38.000000 0.066666667
## 5031	0.000000	29.00000	2351.050000 0.005555556
## 5032	0.000000	44.00000	2588.500000 0.019047619
## 5033	0.000000	15.00000	463.333333 0.035714286
## 5034	0.000000	19.00000	1383.191667 0.010000000
## 5035	0.000000	6.00000	106.500000 0.000000000
## 5036	-1.000000	1.00000	-1.000000 0.200000000
## 5037	0.000000	7.00000	950.000000 0.018750000
## 5038	0.000000	11.00000	0.000000 0.200000000
## 5039	0.000000	34.00000	877.666667 0.020202020
## 5040	0.000000	129.00000	5883.040509 0.003076923
## 5041	0.000000	61.00000	4501.433700 0.015000000
## 5042	0.000000	68.00000	3357.340476 0.018137255
## 5043	0.000000	36.00000	943.619048 0.031944444
## 5044	0.000000	51.00000	1056.616667 0.016734694
## 5045	0.000000	21.00000	406.800000 0.000000000
## 5046	0.000000	6.00000	48.333333 0.011111111
## 5047	0.000000	4.00000	99.000000 0.000000000
## 5048	0.000000	7.00000	148.166667 0.000000000
## 5049	0.000000	3.00000	96.000000 0.000000000
## 5050	0.000000	71.00000	1799.833333 0.016901408
## 5051	0.000000	25.00000	1189.458333 0.000000000
## 5052	-1.000000	1.00000	-1.000000 0.000000000
## 5053	0.000000	22.00000	815.833333 0.000000000
## 5054	0.000000	43.00000	703.833333 0.000000000
## 5055	0.000000	31.00000	1066.000000 0.000000000
## 5056	0.000000	52.00000	1630.972222 0.012000000
## 5057	0.000000	12.00000	86.500000 0.076923077
## 5058	68.000000	57.00000	2660.245238 0.000847458
## 5059	0.000000	14.00000	924.000000 0.014285714
## 5060	178.000000	5.00000	121.500000 0.000000000
## 5061	0.000000	4.00000	117.000000 0.150000000
## 5062	0.000000	1.00000	0.000000 0.200000000
## 5063	0.000000	29.00000	1183.233333 0.013793103
## 5064	0.000000	4.00000	129.000000 0.000000000
## 5065	0.000000	1.00000	0.000000 0.200000000
## 5066	0.000000	1.00000	0.000000 0.200000000
## 5067	0.000000	35.00000	1712.833333 0.000000000
## 5068	96.333333	46.00000	1041.316345 0.000571429
## 5069	0.000000	32.00000	814.607143 0.000000000
## 5070	0.000000	15.00000	269.750000 0.000000000
## 5071	0.000000	19.00000	725.900000 0.000000000

## 5072	0.000000	85.00000	768.500000 0.000000000
## 5073	0.000000	66.00000	2506.333333 0.015277778
## 5074	37.000000	61.00000	683.173809 0.000000000
## 5075	0.000000	1.00000	0.000000 0.200000000
## 5076	0.000000	36.00000	1445.600000 0.005714286
## 5077	0.000000	21.00000	1853.535714 0.000000000
## 5078	0.000000	113.00000	2216.668320 0.005357143
## 5079	10.000000	2.00000	73.000000 0.000000000
## 5080	2050.433333	705.00000	43171.233380 0.004851285
## 5081	0.000000	134.00000	6897.942424 0.002985075
## 5082	0.000000	57.00000	1718.500000 0.039766082
## 5083	0.000000	2.00000	0.000000 0.200000000
## 5084	0.000000	4.00000	352.000000 0.100000000
## 5085	0.000000	2.00000	404.000000 0.000000000
## 5086	241.000000	4.00000	43.500000 0.050000000
## 5087	101.000000	56.00000	1086.074242 0.010526316
## 5088	0.000000	8.00000	254.000000 0.000000000
## 5089	0.000000	128.00000	1799.144235 0.009237379
## 5090	377.000000	6.00000	117.500000 0.045454545
## 5091	0.000000	2.00000	0.000000 0.200000000
## 5092	0.000000	4.00000	26.000000 0.050000000
## 5093	0.000000	2.00000	19.000000 0.000000000
## 5094	0.000000	56.00000	2075.983333 0.000000000
## 5095	0.000000	7.00000	1859.500000 0.000000000
## 5096	0.000000	27.00000	187.000000 0.000000000
## 5097	0.000000	29.00000	830.933333 0.035555556
## 5098	0.000000	4.00000	21.000000 0.100000000
## 5099	0.000000	12.00000	582.500000 0.000000000
## 5100	0.000000	42.00000	1288.066667 0.000000000
## 5101	0.000000	16.00000	230.100000 0.000000000
## 5102	0.000000	34.00000	1384.972222 0.005263158
## 5103	0.000000	1.00000	0.000000 0.200000000
## 5104	0.000000	19.00000	809.166667 0.031578947
## 5105	0.000000	9.00000	145.000000 0.066666667
## 5106	373.500000	15.00000	176.500000 0.048000000
## 5107	0.000000	7.00000	355.666667 0.000000000
## 5108	0.000000	122.00000	1945.321429 0.018032787
## 5109	0.000000	27.00000	589.573810 0.007407407
## 5110	0.000000	72.00000	1243.808820 0.000675676
## 5111	0.000000	26.00000	572.880952 0.000000000
## 5112	33.000000	21.00000	1277.833333 0.008695652
## 5113	0.000000	17.00000	347.547619 0.024242424
## 5114	55.500000	23.00000	1100.125000 0.000000000
## 5115	0.000000	19.00000	473.000000 0.000000000
## 5116	72.000000	22.00000	680.000000 0.000000000
## 5117	31.000000	24.00000	533.500000 0.000000000
## 5118	0.000000	35.00000	539.000000 0.005555556
## 5119	0.000000	14.00000	340.000000 0.000000000
## 5120	0.000000	49.00000	1747.125000 0.027659574
## 5121	40.000000	79.00000	1594.972222 0.000000000
## 5122	0.000000	19.00000	1227.000000 0.000000000
## 5123	1005.000000	62.00000	2450.435809 0.003125000
## 5124	0.000000	22.00000	683.052489 0.020000000
## 5125	0.000000	8.00000	392.400000 0.000000000

## 5126	0.000000	10.00000	332.750000	0.000000000
## 5127	0.000000	4.00000	68.000000	0.000000000
## 5128	0.000000	20.00000	379.416667	0.002857143
## 5129	23.000000	26.00000	2259.550000	0.001960784
## 5130	0.000000	9.00000	193.666667	0.007407407
## 5131	0.000000	36.00000	862.573810	0.002857143
## 5132	0.000000	47.00000	1580.833333	0.000000000
## 5133	94.000000	39.00000	1603.500000	0.005000000
## 5134	23.000000	19.00000	1323.250000	0.007692308
## 5135	0.000000	2.00000	0.000000	0.200000000
## 5136	0.000000	4.00000	46.000000	0.000000000
## 5137	0.000000	12.00000	580.500000	0.020000000
## 5138	0.000000	3.00000	63.000000	0.000000000
## 5139	172.000000	32.00000	1227.047222	0.005882353
## 5140	0.000000	33.00000	777.366667	0.006451613
## 5141	219.000000	22.00000	924.000000	0.007142857
## 5142	0.000000	17.00000	300.666667	0.000000000
## 5143	261.000000	97.00000	1871.788041	0.002252252
## 5144	0.000000	12.00000	193.750000	0.008888889
## 5145	0.000000	19.00000	1007.900000	0.000000000
## 5146	41.000000	45.00000	1754.000000	0.000000000
## 5147	28.000000	12.00000	276.000000	0.000000000
## 5148	48.000000	34.00000	2141.400000	0.005405405
## 5149	0.000000	35.00000	1742.883333	0.011428571
## 5150	0.000000	11.00000	216.000000	0.018181818
## 5151	0.000000	8.00000	132.233333	0.000000000
## 5152	0.000000	11.00000	427.000000	0.014285714
## 5153	0.000000	7.00000	277.000000	0.000000000
## 5154	0.000000	8.00000	85.500000	0.075000000
## 5155	0.000000	8.00000	89.500000	0.150000000
## 5156	0.000000	8.00000	359.000000	0.000000000
## 5157	0.000000	16.00000	1061.000000	0.000000000
## 5158	0.000000	5.00000	274.000000	0.040000000
## 5159	0.000000	37.00000	987.500000	0.005555556
## 5160	0.000000	2.00000	0.000000	0.200000000
## 5161	0.000000	7.00000	415.500000	0.000000000
## 5162	0.000000	10.00000	326.666667	0.000000000
## 5163	86.000000	65.00000	1476.500000	0.040096618
## 5164	0.000000	18.00000	314.833333	0.000000000
## 5165	11.000000	92.00000	2710.570238	0.016842105
## 5166	0.000000	6.00000	64.333333	0.000000000
## 5167	0.000000	6.00000	486.000000	0.000000000
## 5168	18.000000	15.00000	1518.097619	0.000000000
## 5169	34.000000	22.00000	367.376191	0.000000000
## 5170	0.000000	30.00000	513.940476	0.000000000
## 5171	0.000000	42.00000	1349.250000	0.000000000
## 5172	0.000000	45.00000	848.205128	0.004347826
## 5173	0.000000	25.00000	375.600000	0.000000000
## 5174	0.000000	44.00000	724.316667	0.000000000
## 5175	0.000000	29.00000	957.666667	0.000000000
## 5176	83.000000	18.00000	511.500000	0.009523810
## 5177	187.000000	61.00000	776.413816	0.015104167
## 5178	0.000000	29.00000	605.672222	0.003448276
## 5179	0.000000	88.00000	2765.444444	0.000000000

## 5180	0.000000	26.00000	2351.700000	0.008000000
## 5181	0.000000	3.00000	1.000000	0.133333333
## 5182	0.000000	7.00000	116.500000	0.028571429
## 5183	0.000000	4.00000	1145.000000	0.050000000
## 5184	0.000000	39.00000	3413.833333	0.005128205
## 5185	0.000000	9.00000	536.000000	0.000000000
## 5186	16.500000	99.00000	3072.305403	0.001960784
## 5187	0.000000	21.00000	2179.666667	0.000000000
## 5188	302.000000	22.00000	382.490260	0.000000000
## 5189	0.000000	2.00000	0.000000	0.200000000
## 5190	0.000000	5.00000	112.000000	0.000000000
## 5191	29.000000	19.00000	1083.690476	0.016000000
## 5192	282.000000	18.00000	720.750000	0.000000000
## 5193	0.000000	20.00000	680.000000	0.020000000
## 5194	0.000000	13.00000	739.833333	0.007692308
## 5195	0.000000	1.00000	0.000000	0.200000000
## 5196	0.000000	1.00000	0.000000	0.200000000
## 5197	19.000000	11.00000	314.250000	0.000000000
## 5198	0.000000	2.00000	32.000000	0.000000000
## 5199	0.000000	26.00000	1066.666667	0.025000000
## 5200	0.000000	119.00000	4749.240385	0.015772358
## 5201	0.000000	23.00000	1046.916667	0.000000000
## 5202	0.000000	18.00000	1748.000000	0.047058824
## 5203	0.000000	3.00000	0.000000	0.200000000
## 5204	0.000000	10.00000	1331.000000	0.000000000
## 5205	0.000000	26.00000	549.550000	0.017241379
## 5206	0.000000	2.00000	7.000000	0.050000000
## 5207	0.000000	13.00000	734.000000	0.000000000
## 5208	0.000000	22.00000	662.666667	0.011363636
## 5209	0.000000	23.00000	383.000000	0.031818182
## 5210	0.000000	21.00000	327.266667	0.017391304
## 5211	0.000000	52.00000	2529.166667	0.014000000
## 5212	0.000000	42.00000	792.666667	0.000000000
## 5213	0.000000	4.00000	7.000000	0.100000000
## 5214	0.000000	1.00000	0.000000	0.200000000
## 5215	0.000000	8.00000	111.000000	0.100000000
## 5216	226.000000	19.00000	797.166667	0.000000000
## 5217	0.000000	17.00000	465.666667	0.000000000
## 5218	94.000000	21.00000	1449.000000	0.000000000
## 5219	0.000000	12.00000	234.000000	0.015384615
## 5220	0.000000	18.00000	376.500000	0.021052632
## 5221	0.000000	2.00000	121.000000	0.000000000
## 5222	15.000000	70.00000	2860.500000	0.009876543
## 5223	0.000000	15.00000	430.500000	0.000000000
## 5224	0.000000	11.00000	1066.000000	0.020000000
## 5225	0.000000	4.00000	107.000000	0.000000000
## 5226	0.000000	9.00000	462.500000	0.075000000
## 5227	0.000000	6.00000	132.000000	0.000000000
## 5228	0.000000	19.00000	172.111111	0.042105263
## 5229	0.000000	23.00000	195.666667	0.050000000
## 5230	0.000000	4.00000	992.000000	0.000000000
## 5231	0.000000	7.00000	63.000000	0.028571429
## 5232	0.000000	17.00000	526.833333	0.000000000
## 5233	0.000000	2.00000	73.000000	0.000000000

## 5234	0.000000	12.00000	417.000000	0.100000000
## 5235	0.000000	48.00000	1129.214286	0.008163265
## 5236	0.000000	11.00000	272.000000	0.000000000
## 5237	0.000000	26.00000	2676.000000	0.030769231
## 5238	0.000000	1.00000	68.000000	0.000000000
## 5239	0.000000	61.00000	3545.191270	0.008954009
## 5240	0.000000	17.00000	315.000000	0.004166667
## 5241	4.000000	59.00000	1702.369048	0.000781250
## 5242	0.000000	57.00000	2874.966667	0.003278689
## 5243	0.000000	6.00000	102.000000	0.000000000
## 5244	0.000000	27.00000	459.963636	0.007407407
## 5245	0.000000	22.00000	710.666667	0.000000000
## 5246	0.000000	1.00000	0.000000	0.200000000
## 5247	0.000000	38.00000	821.166667	0.021052632
## 5248	0.000000	3.00000	34.000000	0.000000000
## 5249	0.000000	2.00000	96.000000	0.000000000
## 5250	0.000000	28.00000	666.000000	0.000000000
## 5251	0.000000	3.00000	69.000000	0.000000000
## 5252	0.000000	26.00000	745.166667	0.000000000
## 5253	0.000000	14.00000	128.500000	0.071428571
## 5254	0.000000	3.00000	45.000000	0.000000000
## 5255	0.000000	9.00000	110.500000	0.000000000
## 5256	0.000000	74.00000	3615.889239	0.007028112
## 5257	11.000000	43.00000	2949.550000	0.015909091
## 5258	0.000000	27.00000	839.666667	0.021428571
## 5259	0.000000	5.00000	70.000000	0.040000000
## 5260	0.000000	16.00000	1432.500000	0.000000000
## 5261	99.500000	35.00000	1475.266667	0.006944444
## 5262	172.000000	58.00000	1341.261111	0.004597701
## 5263	0.000000	57.00000	1384.500000	0.010344828
## 5264	0.000000	38.00000	2101.733333	0.010526316
## 5265	0.000000	5.00000	156.000000	0.060000000
## 5266	0.000000	70.00000	2720.700000	0.017506494
## 5267	0.000000	9.00000	116.666667	0.000000000
## 5268	0.000000	118.00000	4541.925000	0.013114754
## 5269	0.000000	10.00000	355.000000	0.000000000
## 5270	0.000000	34.00000	1014.833333	0.011764706
## 5271	0.000000	24.00000	182.416667	0.000000000
## 5272	0.000000	6.00000	122.500000	0.011111111
## 5273	0.000000	3.00000	278.000000	0.000000000
## 5274	0.000000	5.00000	197.000000	0.000000000
## 5275	0.000000	30.00000	1906.476190	0.011494253
## 5276	0.000000	20.00000	819.271569	0.007972028
## 5277	0.000000	18.00000	328.321429	0.000000000
## 5278	0.000000	6.00000	34.333333	0.033333333
## 5279	0.000000	12.00000	70.000000	0.150000000
## 5280	0.000000	21.00000	436.812500	0.001904762
## 5281	110.000000	20.00000	402.333333	0.028571429
## 5282	0.000000	36.00000	1934.990476	0.042083333
## 5283	0.000000	36.00000	576.833333	0.000000000
## 5284	25.000000	81.00000	1421.668627	0.000000000
## 5285	0.000000	25.00000	934.366667	0.024000000
## 5286	0.000000	3.00000	277.500000	0.000000000
## 5287	0.000000	12.00000	751.500000	0.000000000

## 5288	0.000000	16.00000	195.500000	0.012500000
## 5289	0.000000	20.00000	918.083333	0.007500000
## 5290	0.000000	105.00000	4797.987915	0.005607477
## 5291	157.000000	45.00000	901.916667	0.007189542
## 5292	8.000000	36.00000	1093.154762	0.000000000
## 5293	0.000000	49.00000	2382.428571	0.022641509
## 5294	0.000000	1.00000	0.000000	0.200000000
## 5295	0.000000	38.00000	1417.666667	0.016117216
## 5296	194.500000	56.00000	1948.713745	0.001724138
## 5297	0.000000	25.00000	588.719048	0.000000000
## 5298	0.000000	37.00000	356.166667	0.002702703
## 5299	0.000000	1.00000	0.000000	0.200000000
## 5300	0.000000	5.00000	0.000000	0.200000000
## 5301	0.000000	3.00000	13.000000	0.066666667
## 5302	0.000000	50.00000	1156.384921	0.008000000
## 5303	202.500000	55.00000	1995.466667	0.003333333
## 5304	0.000000	8.00000	429.000000	0.000000000
## 5305	0.000000	51.00000	1424.866667	0.004081633
## 5306	0.000000	27.00000	444.100000	0.000000000
## 5307	0.000000	14.00000	333.900000	0.000000000
## 5308	0.000000	5.00000	22.000000	0.080000000
## 5309	0.000000	31.00000	558.333333	0.000000000
## 5310	0.000000	7.00000	94.333333	0.000000000
## 5311	0.000000	19.00000	760.250000	0.000000000
## 5312	0.000000	3.00000	189.000000	0.000000000
## 5313	0.000000	25.00000	981.000000	0.024000000
## 5314	0.000000	10.00000	123.000000	0.000000000
## 5315	0.000000	25.00000	773.559524	0.000000000
## 5316	0.000000	29.00000	944.916667	0.000000000
## 5317	0.000000	7.00000	155.000000	0.066666667
## 5318	0.000000	11.00000	418.000000	0.000000000
## 5319	34.000000	57.00000	1092.364286	0.000000000
## 5320	0.000000	19.00000	485.083333	0.000000000
## 5321	0.000000	27.00000	672.583333	0.012500000
## 5322	0.000000	7.00000	151.500000	0.000000000
## 5323	214.166667	39.00000	1022.474026	0.000833333
## 5324	0.000000	11.00000	765.166667	0.000000000
## 5325	0.000000	48.00000	2235.000000	0.004347826
## 5326	48.000000	9.00000	259.500000	0.000000000
## 5327	0.000000	24.00000	324.000000	0.104166667
## 5328	0.000000	4.00000	48.000000	0.050000000
## 5329	0.000000	48.00000	2207.833333	0.001041667
## 5330	0.000000	18.00000	512.833333	0.021052632
## 5331	0.000000	176.00000	4126.353297	0.001363636
## 5332	0.000000	19.00000	837.366667	0.021052632
## 5333	0.000000	8.00000	72.000000	0.025000000
## 5334	61.000000	68.00000	1986.251515	0.000000000
## 5335	0.000000	72.00000	2347.716667	0.028169014
## 5336	0.000000	4.00000	13.000000	0.133333333
## 5337	0.000000	17.00000	287.500000	0.066666667
## 5338	0.000000	10.00000	497.100000	0.000000000
## 5339	0.000000	4.00000	1245.000000	0.000000000
## 5340	285.000000	90.00000	3262.350896	0.003125000
## 5341	31.000000	47.00000	1541.327451	0.000653595

## 5342	0.000000	3.00000	125.000000 0.050000000
## 5343	46.000000	80.00000	1793.777778 0.017857143
## 5344	0.000000	26.00000	885.000000 0.000000000
## 5345	0.000000	36.00000	646.285714 0.000000000
## 5346	126.000000	146.00000	7253.676493 0.006570513
## 5347	0.000000	4.00000	55.000000 0.000000000
## 5348	2.000000	25.00000	344.321429 0.006172840
## 5349	0.000000	4.00000	21.666667 0.000000000
## 5350	0.000000	4.00000	334.000000 0.080000000
## 5351	0.000000	1.00000	0.000000 0.200000000
## 5352	0.000000	28.00000	608.522727 0.015384615
## 5353	0.000000	4.00000	4.000000 0.125000000
## 5354	0.000000	56.00000	1977.385088 0.000000000
## 5355	20.000000	11.00000	1569.166667 0.013333333
## 5356	0.000000	31.00000	806.500000 0.000000000
## 5357	0.000000	36.00000	631.306863 0.021142857
## 5358	35.000000	33.00000	782.083333 0.000000000
## 5359	0.000000	12.00000	347.000000 0.000000000
## 5360	0.000000	32.00000	1562.333333 0.038709677
## 5361	493.500000	36.00000	1199.522619 0.004761905
## 5362	0.000000	18.00000	299.500000 0.015789474
## 5363	0.000000	18.00000	103.833333 0.033333333
## 5364	0.000000	22.00000	2250.083333 0.000000000
## 5365	0.000000	3.00000	82.000000 0.040000000
## 5366	0.000000	6.00000	747.000000 0.033333333
## 5367	0.000000	8.00000	298.690476 0.000000000
## 5368	0.000000	58.00000	1572.273810 0.003870968
## 5369	0.000000	14.00000	241.769231 0.000000000
## 5370	116.000000	84.00000	2839.750000 0.000000000
## 5371	0.000000	17.00000	275.702381 0.040000000
## 5372	0.000000	39.00000	681.761905 0.015384615
## 5373	0.000000	5.00000	95.500000 0.000000000
## 5374	79.000000	35.00000	2072.666667 0.007207207
## 5375	0.000000	13.00000	214.250000 0.091666667
## 5376	0.000000	1.00000	207.570248 0.000000000
## 5377	0.000000	11.00000	201.133333 0.000000000
## 5378	0.000000	3.00000	120.400000 0.000000000
## 5379	0.000000	50.00000	1342.083333 0.000000000
## 5380	0.000000	2.00000	7.000000 0.000000000
## 5381	0.000000	28.00000	608.883333 0.009375000
## 5382	0.000000	15.00000	315.400000 0.000000000
## 5383	0.000000	20.00000	419.600000 0.038095238
## 5384	120.800000	7.00000	80.500000 0.000000000
## 5385	0.000000	57.00000	1721.906667 0.000000000
## 5386	0.000000	48.00000	2307.661212 0.025510204
## 5387	0.000000	4.00000	41.400000 0.075000000
## 5388	0.000000	31.00000	652.376667 0.012121212
## 5389	80.600000	180.00000	6512.010952 0.002645503
## 5390	0.000000	36.00000	493.303390 0.000000000
## 5391	0.000000	17.00000	209.700000 0.023529412
## 5392	0.000000	5.00000	68.400000 0.000000000
## 5393	0.000000	7.00000	942.800000 0.000000000
## 5394	0.000000	91.00000	5692.211713 0.006451613
## 5395	0.000000	4.00000	106.800000 0.000000000

## 5396	332.080000	34.00000	1011.016667	0.018918919
## 5397	0.000000	16.00000	307.616667	0.000000000
## 5398	0.000000	22.00000	701.016667	0.000000000
## 5399	0.000000	14.00000	478.600000	0.043750000
## 5400	0.000000	13.00000	710.066667	0.000000000
## 5401	0.000000	3.00000	259.000000	0.000000000
## 5402	0.000000	34.00000	1228.500000	0.039705882
## 5403	0.000000	31.00000	1514.300000	0.036363636
## 5404	0.000000	10.00000	278.433333	0.007142857
## 5405	0.000000	6.00000	86.533333	0.000000000
## 5406	0.000000	25.00000	528.966667	0.007692308
## 5407	0.000000	25.00000	402.750000	0.015384615
## 5408	0.000000	1.00000	0.000000	0.100000000
## 5409	0.000000	26.00000	2988.883333	0.000000000
## 5410	0.000000	42.00000	844.580000	0.059523810
## 5411	2.000000	27.00000	407.683333	0.006666667
## 5412	0.000000	30.00000	964.466667	0.000000000
## 5413	0.000000	12.00000	201.600000	0.026666667
## 5414	0.000000	13.00000	523.600000	0.000000000
## 5415	0.000000	24.00000	968.692424	0.000000000
## 5416	0.000000	4.00000	207.933333	0.000000000
## 5417	0.000000	16.00000	1062.666667	0.000000000
## 5418	102.800000	77.00000	2697.022104	0.000000000
## 5419	0.000000	22.00000	2707.386667	0.000000000
## 5420	0.000000	6.00000	303.100000	0.028571429
## 5421	0.000000	66.00000	3572.241757	0.005797101
## 5422	0.000000	2.00000	12.000000	0.100000000
## 5423	0.000000	38.00000	3287.000000	0.036842105
## 5424	0.000000	47.00000	902.770000	0.022222222
## 5425	0.000000	1.00000	0.000000	0.200000000
## 5426	0.000000	16.00000	519.866667	0.000000000
## 5427	0.000000	33.00000	1091.394074	0.000000000
## 5428	0.000000	14.00000	349.576190	0.000000000
## 5429	0.000000	70.00000	1087.700000	0.000000000
## 5430	204.346667	69.00000	1182.432333	0.000684932
## 5431	0.000000	16.00000	1254.000000	0.000000000
## 5432	0.000000	40.00000	778.833333	0.000000000
## 5433	2195.300000	21.00000	378.400000	0.029629630
## 5434	0.000000	133.00000	2248.914286	0.012077922
## 5435	0.000000	30.00000	558.611111	0.009090909
## 5436	0.000000	12.00000	191.100000	0.000000000
## 5437	0.000000	11.00000	267.566667	0.000000000
## 5438	1093.300000	66.00000	4152.763100	0.014979592
## 5439	0.000000	16.00000	645.200000	0.012500000
## 5440	0.000000	40.00000	991.715547	0.008888889
## 5441	3.000000	73.00000	1677.666667	0.010666667
## 5442	0.000000	5.00000	354.900000	0.000000000
## 5443	0.000000	3.00000	74.600000	0.000000000
## 5444	0.000000	96.00000	1304.973333	0.003921569
## 5445	0.000000	6.00000	95.000000	0.028571429
## 5446	0.000000	28.00000	873.640000	0.000000000
## 5447	0.000000	80.00000	1807.227778	0.016091954
## 5448	0.000000	104.00000	1667.158421	0.000000000
## 5449	0.000000	8.00000	227.100000	0.022222222

## 5450	0.000000	14.00000	331.300000	0.000000000
## 5451	0.000000	7.00000	118.913333	0.000000000
## 5452	0.000000	12.00000	165.400000	0.012500000
## 5453	42.200000	6.00000	147.900000	0.000000000
## 5454	0.000000	11.00000	203.000000	0.000000000
## 5455	0.000000	5.00000	165.100000	0.000000000
## 5456	0.000000	37.00000	1553.523810	0.005128205
## 5457	0.000000	38.00000	777.414615	0.004255319
## 5458	0.000000	0.00000	0.000000	0.000000000
## 5459	0.000000	32.00000	441.604545	0.000000000
## 5460	0.000000	23.00000	897.190000	0.000000000
## 5461	0.000000	7.00000	352.700000	0.000000000
## 5462	0.000000	11.00000	214.053333	0.016666667
## 5463	0.000000	25.00000	278.136667	0.000000000
## 5464	14.200000	8.00000	66.533333	0.000000000
## 5465	0.000000	22.00000	1321.700000	0.000000000
## 5466	0.000000	26.00000	1570.133333	0.000000000
## 5467	0.000000	20.00000	1893.466667	0.000000000
## 5468	0.000000	34.00000	1070.098072	0.018627451
## 5469	0.000000	26.00000	1114.733333	0.015384615
## 5470	0.000000	22.00000	469.540000	0.000000000
## 5471	0.000000	29.00000	1582.533333	0.006666667
## 5472	0.000000	3.00000	33.200000	0.000000000
## 5473	88.600000	35.00000	682.183333	0.000000000
## 5474	0.000000	11.00000	287.500000	0.000000000
## 5475	0.000000	48.00000	1939.571111	0.003773585
## 5476	269.800000	99.00000	3611.978569	0.000641026
## 5477	0.000000	27.00000	1555.967143	0.000000000
## 5478	0.000000	0.00000	0.000000	0.200000000
## 5479	0.000000	8.00000	413.000000	0.000000000
## 5480	0.000000	3.00000	62.400000	0.000000000
## 5481	0.000000	33.00000	889.366667	0.000000000
## 5482	9.000000	83.00000	4306.612355	0.001075269
## 5483	0.000000	15.00000	1069.700000	0.000000000
## 5484	0.000000	81.00000	1199.616667	0.000000000
## 5485	0.000000	84.00000	1893.619048	0.016825397
## 5486	33.200000	64.00000	1324.680000	0.000000000
## 5487	0.000000	16.00000	230.566667	0.000000000
## 5488	0.000000	8.00000	98.566667	0.066666667
## 5489	0.000000	3.00000	33.200000	0.133333333
## 5490	306.100000	41.00000	5194.857143	0.001754386
## 5491	0.000000	20.00000	342.686667	0.000000000
## 5492	0.000000	41.00000	2517.583333	0.007751938
## 5493	0.000000	25.00000	806.500000	0.000000000
## 5494	0.000000	24.00000	348.033333	0.077777778
## 5495	0.000000	9.00000	283.700000	0.018181818
## 5496	0.000000	50.00000	907.236364	0.020411523
## 5497	0.000000	10.00000	122.166667	0.000000000
## 5498	0.000000	8.00000	259.200000	0.000000000
## 5499	0.000000	3.00000	58.200000	0.066666667
## 5500	0.000000	6.00000	47.133333	0.040000000
## 5501	0.000000	1.00000	0.000000	0.000000000
## 5502	0.000000	73.00000	2000.618333	0.000000000
## 5503	0.000000	4.00000	140.000000	0.050000000

## 5504	0.000000	106.00000	4143.175238	0.019711538			
## 5505	31.200000	45.00000	812.287389	0.000000000			
## 5506	657.833333	140.00000	3252.200476	0.005479452			
## 5507	0.000000	20.00000	471.477778	0.000000000			
## 5508	0.000000	41.00000	764.133333	0.000000000			
## 5509	0.000000	21.00000	1275.900000	0.052380952			
## 5510	0.000000	8.00000	458.500000	0.025000000			
## 5511	0.000000	4.00000	86.360000	0.062500000			
## 5512	0.000000	9.00000	152.600000	0.044444444			
## 5513	0.000000	13.00000	420.246667	0.042105263			
## 5514	0.000000	5.00000	136.100000	0.066666667			
## 5515	0.000000	1.00000	0.000000	0.200000000			
## 5516	0.000000	63.00000	1779.163333	0.003278689			
## 5517	0.000000	145.00000	5175.377371	0.002666667			
## 5518	191.866667	189.00000	3428.527381	0.018642295			
## 5519	0.000000	7.00000	137.000000	0.000000000			
## 5520	28.200000	35.00000	1356.866667	0.000000000			
## 5521	69.600000	120.00000	5771.466862	0.002755906			
## 5522	0.000000	2.00000	0.000000	0.200000000			
## 5523	0.000000	21.00000	479.585714	0.005000000			
## 5524	0.000000	13.00000	131.200000	0.000000000			
## 5525	0.000000	13.00000	161.866667	0.000000000			
## 5526	0.000000	8.00000	261.800000	0.010000000			
## 5527	118.100000	10.00000	184.100000	0.000000000			
## 5528	0.000000	7.00000	555.400000	0.044444444			
## 5529	0.000000	38.00000	2621.621429	0.021212121			
## 5530	0.000000	19.00000	230.200000	0.000000000			
## 5531	0.000000	8.00000	191.150000	0.000000000			
## 5532	0.000000	2.00000	4.000000	0.000000000			
## 5533	0.000000	10.00000	45.200000	0.080000000			
## 5534	45.266667	10.00000	136.066667	0.000000000			
## 5535	0.000000	9.00000	128.500000	0.036363636			
## 5536	0.000000	15.00000	2653.500000	0.000000000			
## 5537	0.000000	3.00000	27.200000	0.000000000			
## 5538	199.100000	94.00000	6186.172260	0.022541254			
## 5539	0.000000	3.00000	58.400000	0.000000000			
## 5540	0.000000	24.00000	1163.266667	0.061111111			
## 5541	0.000000	17.00000	440.226190	0.026315789			
## 5542	0.000000	37.00000	1489.590909	0.009459459			
## 5543	0.000000	0.00000	0.000000	0.000000000			
## 5544	0.000000	58.00000	1590.420000	0.010344828			
## 5545	0.000000	20.00000	545.100000	0.010000000			
## 5546	0.000000	13.00000	517.400000	0.000000000			
## 5547	0.000000	3.00000	275.000000	0.000000000			
## 5548	0.000000	9.00000	199.133333	0.000000000			
## 5549	0.000000	24.00000	583.000000	0.000000000			
## 5550	0.000000	41.00000	1556.523333	0.005681818			
## 5551	0.000000	17.00000	328.300000	0.000000000			
## 5552	0.000000	11.00000	572.600000	0.000000000			
## 5553	0.000000	46.00000	2031.506667	0.013043478			
## 5554	0.000000	8.00000	129.761111	0.017857143			
## 5555	0.000000	25.00000	307.700000	0.007692308			
##	ExitRates	PageValues	SpecialDay	Month	OperatingSystems	Browser	Region
## 1	0.200000000	0.0000000	0.0	Feb	1	1	1

## 2	0.100000000	0.0000000	0.0	Feb	2	2	1
## 3	0.200000000	0.0000000	0.0	Feb	4	1	9
## 4	0.140000000	0.0000000	0.0	Feb	3	2	2
## 5	0.050000000	0.0000000	0.0	Feb	3	3	1
## 6	0.024561404	0.0000000	0.0	Feb	2	2	1
## 7	0.200000000	0.0000000	0.4	Feb	2	4	3
## 8	0.200000000	0.0000000	0.0	Feb	1	2	1
## 9	0.100000000	0.0000000	0.8	Feb	2	2	2
## 10	0.022222222	0.0000000	0.4	Feb	2	4	1
## 11	0.066666667	0.0000000	0.0	Feb	1	1	3
## 12	0.025833333	0.0000000	0.4	Feb	1	1	4
## 13	0.028571429	0.0000000	0.0	Feb	1	1	1
## 14	0.066666667	0.0000000	0.0	Feb	2	5	1
## 15	0.100000000	0.0000000	0.0	Feb	3	2	3
## 16	0.016312636	0.0000000	0.0	Feb	1	1	9
## 17	0.200000000	0.0000000	0.0	Feb	1	1	4
## 18	0.007692308	0.0000000	0.0	Feb	1	1	1
## 19	0.100000000	0.0000000	0.0	Feb	2	2	1
## 20	0.010000000	0.0000000	0.0	Feb	2	4	4
## 21	0.008333333	0.0000000	1.0	Feb	2	2	5
## 22	0.200000000	0.0000000	0.0	Feb	3	3	1
## 23	0.033333333	0.0000000	0.0	Feb	3	2	1
## 24	0.100000000	0.0000000	0.8	Feb	2	4	1
## 25	0.200000000	0.0000000	0.0	Feb	2	2	4
## 26	0.040000000	0.0000000	0.0	Feb	1	1	9
## 27	0.009523810	0.0000000	0.0	Feb	2	2	1
## 28	0.100000000	0.0000000	0.0	Feb	1	1	1
## 29	0.050000000	0.0000000	0.2	Feb	2	6	1
## 30	0.050821256	54.1797643	0.4	Feb	3	2	1
## 31	0.100000000	0.0000000	0.0	Feb	1	1	6
## 32	0.066666667	0.0000000	0.0	Feb	1	2	6
## 33	0.025000000	0.0000000	0.0	Feb	2	2	1
## 34	0.080000000	0.0000000	0.0	Feb	1	1	3
## 35	0.028571429	0.0000000	0.0	Feb	2	2	1
## 36	0.020352564	0.0000000	0.0	Feb	2	2	7
## 37	0.056250000	0.0000000	0.0	Feb	3	2	1
## 38	0.028571429	0.0000000	0.8	Feb	2	2	8
## 39	0.071428571	0.0000000	0.6	Feb	2	2	1
## 40	0.022222222	0.0000000	0.0	Feb	2	5	1
## 41	0.001794872	0.0000000	0.0	Feb	2	2	8
## 42	0.066666667	0.0000000	0.6	Feb	1	1	3
## 43	0.006666667	0.0000000	0.0	Feb	1	1	4
## 44	0.050000000	0.0000000	0.4	Feb	3	2	2
## 45	0.050000000	0.0000000	0.0	Feb	4	1	1
## 46	0.006060606	0.0000000	0.2	Feb	2	5	1
## 47	0.057142857	0.0000000	0.0	Feb	1	1	1
## 48	0.133333333	0.0000000	0.2	Feb	3	2	1
## 49	0.003636364	0.0000000	0.0	Feb	3	2	1
## 50	0.200000000	0.0000000	0.6	Feb	2	2	3
## 51	0.200000000	0.0000000	0.0	Feb	1	1	3
## 52	0.026111111	0.0000000	0.2	Feb	3	2	1
## 53	0.100000000	0.0000000	1.0	Feb	2	4	4
## 54	0.075000000	0.0000000	0.0	Feb	4	2	2
## 55	0.025000000	0.0000000	0.4	Feb	3	3	1

## 56	0.200000000	0.0000000	0.2	Feb	2	4	1
## 57	0.200000000	0.0000000	0.6	Feb	3	2	3
## 58	0.014736467	19.4470791	0.2	Feb	2	2	4
## 59	0.050000000	0.0000000	0.4	Feb	2	6	6
## 60	0.046568627	0.0000000	0.6	Feb	2	4	2
## 61	0.016666667	0.0000000	0.4	Feb	1	1	3
## 62	0.120833333	0.0000000	0.0	Feb	1	1	1
## 63	0.019666667	38.3084927	0.0	Feb	1	1	3
## 64	0.007142857	0.0000000	0.0	Feb	2	2	5
## 65	0.200000000	0.0000000	0.0	Feb	2	2	4
## 66	0.012643678	22.9160357	0.8	Feb	2	2	3
## 67	0.015013034	0.0000000	0.0	Feb	4	1	1
## 68	0.200000000	0.0000000	0.6	Feb	2	2	5
## 69	0.007407407	0.0000000	0.0	Feb	2	7	2
## 70	0.200000000	0.0000000	0.2	Feb	3	2	3
## 71	0.200000000	0.0000000	0.0	Feb	2	6	1
## 72	0.052500000	0.0000000	0.0	Feb	2	6	6
## 73	0.100000000	0.0000000	0.4	Feb	2	2	3
## 74	0.012500000	0.0000000	0.0	Feb	2	4	3
## 75	0.066666667	0.0000000	0.0	Feb	2	4	3
## 76	0.025000000	0.0000000	0.0	Feb	2	4	1
## 77	0.014492754	11.4394120	0.0	Feb	2	6	1
## 78	0.050000000	0.0000000	0.6	Feb	3	2	3
## 79	0.200000000	0.0000000	1.0	Feb	1	1	1
## 80	0.200000000	0.0000000	0.4	Feb	1	1	1
## 81	0.028571429	0.0000000	0.0	Feb	4	1	1
## 82	0.016666667	0.0000000	0.8	Feb	1	1	1
## 83	0.020000000	0.0000000	0.0	Feb	2	2	1
## 84	0.058333333	0.0000000	0.0	Feb	3	2	4
## 85	0.200000000	0.0000000	0.8	Feb	2	2	2
## 86	0.200000000	0.0000000	0.0	Feb	1	1	1
## 87	0.085714286	0.0000000	0.0	Feb	2	2	2
## 88	0.066666667	0.0000000	0.0	Feb	1	1	1
## 89	0.023809524	0.0000000	0.4	Feb	4	1	3
## 90	0.007894737	0.0000000	0.0	Feb	1	1	4
## 91	0.011764706	0.0000000	0.4	Feb	1	1	1
## 92	0.200000000	0.0000000	0.0	Feb	1	1	1
## 93	0.100000000	0.0000000	0.0	Feb	1	1	1
## 94	0.015384615	0.0000000	0.0	Feb	2	2	1
## 95	0.025925926	0.0000000	0.6	Feb	4	1	3
## 96	0.100000000	0.0000000	0.2	Feb	1	1	1
## 97	0.066666667	0.0000000	0.2	Feb	1	1	1
## 98	0.025000000	0.0000000	0.6	Feb	1	1	1
## 99	0.080952381	0.0000000	0.6	Feb	2	4	1
## 100	0.031666667	0.0000000	0.0	Feb	3	2	3
## 101	0.008947368	0.0000000	0.4	Feb	2	4	1
## 102	0.026984127	17.5359589	1.0	Feb	1	1	7
## 103	0.033333333	0.0000000	0.4	Feb	1	1	3
## 104	0.013510250	0.0000000	0.8	Feb	2	2	4
## 105	0.017647059	0.0000000	0.0	Feb	1	1	3
## 106	0.150000000	0.0000000	0.0	Feb	1	1	7
## 107	0.074074074	0.0000000	0.8	Feb	4	1	1
## 108	0.066666667	0.0000000	0.0	Feb	1	1	1
## 109	0.066666667	0.0000000	0.8	Feb	3	3	1

## 110	0.017918470	0.0000000	0.0	Feb	2	5	1
## 111	0.016666667	0.0000000	0.6	Feb	2	2	3
## 112	0.200000000	0.0000000	0.4	Feb	2	2	1
## 113	0.200000000	0.0000000	0.8	Feb	1	1	2
## 114	0.024000000	0.0000000	0.2	Feb	2	4	1
## 115	0.035483871	0.0000000	0.2	Feb	1	1	1
## 116	0.005555556	0.0000000	0.0	Feb	1	1	1
## 117	0.012962963	0.0000000	0.8	Feb	3	2	1
## 118	0.027272727	0.0000000	0.2	Feb	2	2	3
## 119	0.075000000	0.0000000	0.0	Feb	4	1	3
## 120	0.111111111	0.0000000	0.0	Feb	2	4	9
## 121	0.033333333	0.0000000	0.0	Feb	2	4	4
## 122	0.050000000	0.0000000	0.6	Feb	2	2	1
## 123	0.034375000	0.0000000	0.8	Feb	1	1	3
## 124	0.066666667	0.0000000	0.0	Feb	1	1	3
## 125	0.119523810	0.0000000	0.0	Feb	2	4	3
## 126	0.200000000	0.0000000	0.0	Feb	1	1	3
## 127	0.040740741	0.0000000	0.4	Feb	2	2	1
## 128	0.050000000	0.0000000	0.4	Feb	1	1	8
## 129	0.007547170	0.0000000	0.6	Feb	2	2	9
## 130	0.166666667	0.0000000	0.0	Feb	2	4	1
## 131	0.100000000	0.0000000	0.0	Feb	2	6	1
## 132	0.022222222	0.0000000	0.0	Feb	2	2	1
## 133	0.200000000	0.0000000	0.0	Feb	3	2	3
## 134	0.011111111	0.0000000	0.8	Feb	2	2	4
## 135	0.018518519	0.0000000	0.6	Feb	1	1	3
## 136	0.033333333	0.0000000	0.0	Feb	3	2	4
## 137	0.046296296	0.0000000	0.0	Feb	2	4	5
## 138	0.066666667	0.0000000	0.0	Feb	2	4	1
## 139	0.150000000	0.0000000	0.4	Feb	2	2	1
## 140	0.018039216	0.0000000	0.2	Feb	1	1	3
## 141	0.200000000	0.0000000	0.0	Feb	2	2	7
## 142	0.011851852	0.0000000	0.2	Feb	1	1	6
## 143	0.007407407	0.0000000	0.0	Feb	2	4	2
## 144	0.200000000	0.0000000	0.0	Feb	2	2	2
## 145	0.009090909	0.0000000	0.0	Feb	2	2	3
## 146	0.066666667	0.0000000	0.4	Feb	2	4	1
## 147	0.033333333	0.0000000	0.0	Feb	2	2	1
## 148	0.050000000	0.0000000	0.0	Feb	2	2	3
## 149	0.030357143	0.0000000	0.0	Feb	1	1	4
## 150	0.027272727	0.0000000	0.8	Feb	2	2	2
## 151	0.028166667	0.0000000	0.0	Feb	1	2	1
## 152	0.200000000	0.0000000	0.4	Feb	2	2	3
## 153	0.150000000	0.0000000	0.0	Feb	2	5	5
## 154	0.026315789	0.0000000	0.2	Feb	2	2	3
## 155	0.026666667	0.0000000	0.0	Feb	2	6	1
## 156	0.049930810	0.0000000	0.0	Feb	3	2	2
## 157	0.200000000	0.0000000	0.0	Feb	3	3	3
## 158	0.033333333	0.0000000	0.8	Feb	1	1	1
## 159	0.200000000	0.0000000	0.0	Feb	3	2	3
## 160	0.018840580	0.0000000	0.6	Feb	1	1	4
## 161	0.040606061	0.0000000	0.0	Feb	1	1	1
## 162	0.012463768	0.0000000	0.0	Feb	1	1	1
## 163	0.016666667	0.0000000	0.4	Feb	1	1	3

## 164	0.011594203	0.0000000	0.6	Feb	2	2	1
## 165	0.033333333	0.0000000	0.0	Feb	1	1	3
## 166	0.040000000	0.0000000	0.0	Feb	2	2	1
## 167	0.166666667	0.0000000	0.0	Feb	2	2	1
## 168	0.063636364	0.0000000	0.0	Feb	2	4	6
## 169	0.014500000	0.0000000	0.8	Feb	3	2	7
## 170	0.019166667	0.0000000	0.8	Feb	1	1	2
## 171	0.033333333	0.0000000	0.0	Feb	2	4	1
## 172	0.100000000	0.0000000	0.6	Feb	1	1	1
## 173	0.200000000	0.0000000	0.8	Feb	1	1	1
## 174	0.008602151	0.0000000	1.0	Feb	2	2	8
## 175	0.015384615	0.0000000	0.0	Feb	1	1	2
## 176	0.014285714	0.0000000	0.0	Feb	1	1	6
## 177	0.047002635	0.0000000	0.0	Feb	1	1	1
## 178	0.033333333	0.0000000	0.6	Feb	1	1	6
## 179	0.011764706	0.0000000	0.0	Feb	3	2	6
## 180	0.200000000	0.0000000	0.6	Feb	4	2	1
## 181	0.200000000	0.0000000	0.0	Feb	2	4	1
## 182	0.025000000	0.0000000	0.8	Feb	3	2	1
## 183	0.012764202	0.0000000	0.0	Mar	2	2	1
## 184	0.027248677	8.0007407	0.0	Mar	1	1	3
## 185	0.006339869	0.0000000	0.0	Mar	2	2	3
## 186	0.013509414	0.0000000	0.0	Mar	3	2	6
## 187	0.020708874	1.7060150	0.0	Mar	2	2	7
## 188	0.016727891	46.5301751	0.0	Mar	2	2	1
## 189	0.200000000	0.0000000	0.0	Mar	1	1	1
## 190	0.096000000	0.0000000	0.0	Mar	2	2	1
## 191	0.020000000	0.0000000	0.0	Mar	1	1	1
## 192	0.066666667	0.0000000	0.0	Mar	2	2	3
## 193	0.057662338	0.0000000	0.0	Mar	1	1	7
## 194	0.010173465	0.0000000	0.0	Mar	1	1	1
## 195	0.005797101	19.3426502	0.0	Mar	2	2	4
## 196	0.061406250	0.0000000	0.0	Mar	2	2	1
## 197	0.001666667	109.1760000	0.0	Mar	2	2	9
## 198	0.001724138	96.2551158	0.0	Mar	2	4	1
## 199	0.004000000	153.4432478	0.0	Mar	2	2	7
## 200	0.040000000	0.0000000	0.0	Mar	1	1	1
## 201	0.004166667	0.0000000	0.0	Mar	1	1	1
## 202	0.088888889	0.0000000	0.0	Mar	1	2	1
## 203	0.008333333	0.0000000	0.0	Mar	3	2	1
## 204	0.005263158	0.0000000	0.0	Mar	2	2	5
## 205	0.012500000	33.7995670	0.0	Mar	2	5	2
## 206	0.028571429	0.0000000	0.0	Mar	2	2	7
## 207	0.016666667	0.0000000	0.0	Mar	3	2	7
## 208	0.043750000	0.0000000	0.0	Mar	2	4	1
## 209	0.037500000	0.0000000	0.0	Mar	3	2	3
## 210	0.049523810	0.0000000	0.0	Mar	2	6	3
## 211	0.050000000	0.0000000	0.0	Mar	3	2	8
## 212	0.033333333	0.0000000	0.0	Mar	1	2	6
## 213	0.042857143	0.0000000	0.0	Mar	2	2	1
## 214	0.020000000	0.0000000	0.0	Mar	2	2	4
## 215	0.066666667	0.0000000	0.0	Mar	1	2	7
## 216	0.028571429	0.0000000	0.0	Mar	2	4	2
## 217	0.075000000	0.0000000	0.0	Mar	2	2	3

## 218	0.066666667	0.0000000	0.0	Mar	2	4	3
## 219	0.013333333	35.0928000	0.0	Mar	2	2	5
## 220	0.120000000	0.0000000	0.0	Mar	2	2	1
## 221	0.150000000	0.0000000	0.0	Mar	3	2	1
## 222	0.020000000	0.0000000	0.0	Mar	2	2	1
## 223	0.009150327	0.0000000	0.0	Mar	3	2	4
## 224	0.100000000	0.0000000	0.0	Mar	2	2	3
## 225	0.006578947	0.0000000	0.0	Mar	2	2	4
## 226	0.022222222	0.0000000	0.0	Mar	2	2	1
## 227	0.013333333	17.7626667	0.0	Mar	2	2	1
## 228	0.021052632	0.0000000	0.0	Mar	2	2	1
## 229	0.020666667	7.1462609	0.0	Mar	2	2	7
## 230	0.014666667	0.0000000	0.0	Mar	2	2	3
## 231	0.033333333	0.0000000	0.0	Mar	4	1	1
## 232	0.019230769	22.0327692	0.0	Mar	2	2	3
## 233	0.044210526	0.0000000	0.0	Mar	3	2	2
## 234	0.014081633	0.0000000	0.0	Mar	3	2	2
## 235	0.010600255	0.0000000	0.0	Mar	3	2	1
## 236	0.032225685	0.0000000	0.0	Mar	2	6	1
## 237	0.011111111	0.0000000	0.0	Mar	3	2	2
## 238	0.040000000	0.0000000	0.0	Mar	2	2	4
## 239	0.036550087	0.0000000	0.0	Mar	2	2	2
## 240	0.031818182	0.0000000	0.0	Mar	2	5	1
## 241	0.046470588	0.0000000	0.0	Mar	2	2	8
## 242	0.030833333	0.0000000	0.0	Mar	2	2	1
## 243	0.009523810	0.0000000	0.0	Mar	2	10	1
## 244	0.019354839	0.0000000	0.0	Mar	4	1	1
## 245	0.041025641	0.0000000	0.0	Mar	2	2	8
## 246	0.048148148	0.0000000	0.0	Mar	3	3	1
## 247	0.018052760	4.3685156	0.0	Mar	2	2	3
## 248	0.015201207	0.0000000	0.0	Mar	3	2	2
## 249	0.022253906	0.0000000	0.0	Mar	3	2	9
## 250	0.050000000	0.0000000	0.0	Mar	2	5	1
## 251	0.200000000	0.0000000	0.0	Mar	1	1	1
## 252	0.120000000	0.0000000	0.0	Mar	2	5	2
## 253	0.100000000	0.0000000	0.0	Mar	2	2	5
## 254	0.025666667	0.0000000	0.0	Mar	1	1	1
## 255	0.050000000	0.0000000	0.0	Mar	3	2	3
## 256	0.020000000	0.0000000	0.0	Mar	1	1	7
## 257	0.010370370	0.0000000	0.0	Mar	1	1	3
## 258	0.033333333	0.0000000	0.0	Mar	2	2	1
## 259	0.033862434	0.0000000	0.0	Mar	7	1	6
## 260	0.200000000	0.0000000	0.0	Mar	3	3	5
## 261	0.018709677	8.7724731	0.0	Mar	2	2	3
## 262	0.066666667	0.0000000	0.0	Mar	2	2	1
## 263	0.020000000	0.0000000	0.0	Mar	2	2	7
## 264	0.003329865	51.4633115	0.0	Mar	2	5	3
## 265	0.011666667	0.0000000	0.0	Mar	1	8	7
## 266	0.040000000	0.0000000	0.0	Mar	2	2	1
## 267	0.033846154	0.0000000	0.0	Mar	2	4	1
## 268	0.016666667	0.0000000	0.0	Mar	1	1	1
## 269	0.053571429	0.0000000	0.0	Mar	3	2	1
## 270	0.200000000	0.0000000	0.0	Mar	2	5	1
## 271	0.014285714	0.0000000	0.0	Mar	1	1	1

## 272	0.004545455	0.0000000	0.0	Mar	2	5	3
## 273	0.013333333	0.0000000	0.0	Mar	1	1	2
## 274	0.050000000	0.0000000	0.0	Mar	2	5	6
## 275	0.016666667	38.9900000	0.0	Mar	1	1	1
## 276	0.050000000	0.0000000	0.0	Mar	4	2	9
## 277	0.025000000	0.0000000	0.0	Mar	2	2	2
## 278	0.039583333	0.0000000	0.0	Mar	2	2	3
## 279	0.033333333	0.0000000	0.0	Mar	2	2	1
## 280	0.020000000	53.9892000	0.0	Mar	2	2	1
## 281	0.026186255	6.8317924	0.0	Mar	3	2	2
## 282	0.044444444	0.0000000	0.0	Mar	2	2	4
## 283	0.050000000	0.0000000	0.0	Mar	3	9	9
## 284	0.038095238	0.0000000	0.0	Mar	2	2	2
## 285	0.200000000	0.0000000	0.0	Mar	2	2	1
## 286	0.024761905	0.0000000	0.0	Mar	2	2	1
## 287	0.007722385	0.0000000	0.0	Mar	2	2	5
## 288	0.050000000	0.0000000	0.0	Mar	1	1	1
## 289	0.022643039	0.0000000	0.0	Mar	3	2	6
## 290	0.011111111	0.0000000	0.0	Mar	2	2	3
## 291	0.037476190	0.0000000	0.0	Mar	3	2	2
## 292	0.200000000	0.0000000	0.0	Mar	1	1	1
## 293	0.012500000	44.6792500	0.0	Mar	2	2	1
## 294	0.014285714	59.7901429	0.0	Mar	3	2	1
## 295	0.022424242	0.0000000	0.0	Mar	2	5	1
## 296	0.031907308	0.0000000	0.0	Mar	3	2	1
## 297	0.200000000	0.0000000	0.0	Mar	1	1	8
## 298	0.022222222	0.0000000	0.0	Mar	2	2	1
## 299	0.002272727	0.0000000	0.0	Mar	1	1	1
## 300	0.026666667	0.0000000	0.0	Mar	2	2	2
## 301	0.200000000	0.0000000	0.0	Mar	3	2	3
## 302	0.044761905	0.0000000	0.0	Mar	2	2	6
## 303	0.050000000	0.0000000	0.0	Mar	3	2	1
## 304	0.100000000	0.0000000	0.0	Mar	3	2	3
## 305	0.100000000	0.0000000	0.0	Mar	2	2	1
## 306	0.100000000	0.0000000	0.0	Mar	2	2	1
## 307	0.025555556	0.0000000	0.0	Mar	3	2	4
## 308	0.016000000	0.0000000	0.0	Mar	1	1	4
## 309	0.028965517	0.0000000	0.0	Mar	2	2	1
## 310	0.066666667	0.0000000	0.0	Mar	2	5	1
## 311	0.110000000	0.0000000	0.0	Mar	2	2	1
## 312	0.014814815	0.0000000	0.0	Mar	3	2	1
## 313	0.008681765	0.0000000	0.0	Mar	1	1	6
## 314	0.009696970	0.0000000	0.0	Mar	1	2	1
## 315	0.100000000	0.0000000	0.0	Mar	4	1	1
## 316	0.025000000	0.0000000	0.0	Mar	2	2	1
## 317	0.040000000	0.0000000	0.0	Mar	2	2	1
## 318	0.010370370	0.0000000	0.0	Mar	4	1	1
## 319	0.038373016	7.1030208	0.0	Mar	3	2	6
## 320	0.040000000	0.0000000	0.0	Mar	2	2	4
## 321	0.020000000	0.0000000	0.0	Mar	2	2	9
## 322	0.016410256	0.0000000	0.0	Mar	2	2	1
## 323	0.000175593	0.0000000	0.0	Mar	1	2	6
## 324	0.028571429	0.0000000	0.0	Mar	2	2	1
## 325	0.050000000	0.0000000	0.0	Mar	2	2	1

## 326	0.026666667	0.0000000	0.0	Mar	1	1	1
## 327	0.003571429	0.0000000	0.0	Mar	3	2	1
## 328	0.011111111	0.0000000	0.0	Mar	3	2	8
## 329	0.200000000	0.0000000	0.0	Mar	3	2	3
## 330	0.002222222	0.0000000	0.0	Mar	4	2	1
## 331	0.023611111	0.0000000	0.0	Mar	1	2	1
## 332	0.009213675	0.0000000	0.0	Mar	2	2	1
## 333	0.017324561	0.0000000	0.0	Mar	2	2	3
## 334	0.019047619	0.0000000	0.0	Mar	2	2	3
## 335	0.028571429	0.0000000	0.0	Mar	3	2	1
## 336	0.011904762	0.0000000	0.0	Mar	2	2	1
## 337	0.025000000	0.0000000	0.0	Mar	2	2	1
## 338	0.005057471	0.0000000	0.0	Mar	3	2	1
## 339	0.014285714	0.0000000	0.0	Mar	2	2	1
## 340	0.200000000	0.0000000	0.0	Mar	2	2	4
## 341	0.125000000	0.0000000	0.0	Mar	1	1	1
## 342	0.037333333	0.0000000	0.0	Mar	1	1	8
## 343	0.200000000	0.0000000	0.0	Mar	2	2	8
## 344	0.008000000	0.0000000	0.0	Mar	3	2	3
## 345	0.033333333	0.0000000	0.0	Mar	2	2	4
## 346	0.021367521	0.0000000	0.0	Mar	1	1	1
## 347	0.009876543	0.0000000	0.0	Mar	2	10	1
## 348	0.016666667	0.0000000	0.0	Mar	3	2	2
## 349	0.006250000	0.0000000	0.0	Mar	2	2	1
## 350	0.040000000	0.0000000	0.0	Mar	2	5	7
## 351	0.016666667	19.6681855	0.0	Mar	2	2	3
## 352	0.004371585	0.0000000	0.0	Mar	2	2	6
## 353	0.011111111	0.0000000	0.0	Mar	2	2	2
## 354	0.003333333	9.2270010	0.0	Mar	2	4	1
## 355	0.200000000	0.0000000	0.0	Mar	2	2	4
## 356	0.028030303	0.0000000	0.0	Mar	2	6	2
## 357	0.005555556	0.0000000	0.0	Mar	2	2	1
## 358	0.200000000	0.0000000	0.0	Mar	3	2	1
## 359	0.008000000	0.0000000	0.0	Mar	2	2	1
## 360	0.071428571	0.0000000	0.0	Mar	2	2	1
## 361	0.050000000	0.0000000	0.0	Mar	2	4	3
## 362	0.047905093	0.0000000	0.0	Mar	1	1	3
## 363	0.010000000	0.0000000	0.0	Mar	1	1	1
## 364	0.007692308	34.4360188	0.0	Mar	2	2	9
## 365	0.053846154	0.0000000	0.0	Mar	2	2	4
## 366	0.009438427	12.0165655	0.0	Mar	3	2	5
## 367	0.033333333	0.0000000	0.0	Mar	2	5	2
## 368	0.030452675	0.0000000	0.0	Mar	2	4	4
## 369	0.027742165	0.0000000	0.0	Mar	1	1	4
## 370	0.040000000	0.0000000	0.0	Mar	2	2	9
## 371	0.006250000	0.0000000	0.0	Mar	3	2	1
## 372	0.029431012	0.0000000	0.0	Mar	2	2	3
## 373	0.100000000	0.0000000	0.0	Mar	2	2	3
## 374	0.057142857	0.0000000	0.0	Mar	3	2	4
## 375	0.010588235	0.0000000	0.0	Mar	2	2	5
## 376	0.033504762	0.0000000	0.0	Mar	2	2	1
## 377	0.034933333	0.0000000	0.0	Mar	3	2	8
## 378	0.014000000	16.1438400	0.0	Mar	1	1	4
## 379	0.100000000	0.0000000	0.0	Mar	1	1	5

## 380	0.13333333	0.0000000	0.0	Mar	2	4	1
## 381	0.038095238	0.0000000	0.0	Mar	1	5	7
## 382	0.20000000	0.0000000	0.0	Mar	2	2	2
## 383	0.020655014	2.8108125	0.0	Mar	1	1	4
## 384	0.10000000	0.0000000	0.0	Mar	3	2	4
## 385	0.028571429	0.0000000	0.0	Mar	2	2	1
## 386	0.02500000	0.0000000	0.0	Mar	2	2	6
## 387	0.061688312	0.0000000	0.0	Mar	3	2	1
## 388	0.03500000	0.0000000	0.0	Mar	3	2	2
## 389	0.019797366	27.2688801	0.0	Mar	2	2	1
## 390	0.085714286	0.0000000	0.0	Mar	3	2	8
## 391	0.029870130	0.0000000	0.0	Mar	3	2	3
## 392	0.051562500	0.0000000	0.0	Mar	1	1	2
## 393	0.022222222	0.0000000	0.0	Mar	1	1	1
## 394	0.006501458	0.0000000	0.0	Mar	1	1	4
## 395	0.003333333	0.0000000	0.0	Mar	3	2	2
## 396	0.020644542	0.0000000	0.0	Mar	2	2	1
## 397	0.20000000	0.0000000	0.0	Mar	2	4	1
## 398	0.013342491	11.9200961	0.0	Mar	2	2	7
## 399	0.016410256	78.9348356	0.0	Mar	3	3	2
## 400	0.026666667	0.0000000	0.0	Mar	2	2	1
## 401	0.008695652	0.0000000	0.0	Mar	1	1	3
## 402	0.020449173	0.0000000	0.0	Mar	2	2	6
## 403	0.014259259	0.0000000	0.0	Mar	3	2	1
## 404	0.016250000	0.0000000	0.0	Mar	2	2	9
## 405	0.008000000	0.0000000	0.0	Mar	4	2	1
## 406	0.10000000	0.0000000	0.0	Mar	2	6	1
## 407	0.008108108	15.8890636	0.0	Mar	1	2	1
## 408	0.012500000	0.0000000	0.0	Mar	2	2	6
## 409	0.006250000	0.0000000	0.0	Mar	2	4	7
## 410	0.010526316	0.0000000	0.0	Mar	1	1	6
## 411	0.001709402	0.0000000	0.0	Mar	1	2	3
## 412	0.02500000	0.0000000	0.0	Mar	3	2	1
## 413	0.028571429	0.0000000	0.0	Mar	1	1	8
## 414	0.019540230	0.0000000	0.0	Mar	2	2	3
## 415	0.012500000	11.9955404	0.0	Mar	2	2	1
## 416	0.066666667	0.0000000	0.0	Mar	2	2	2
## 417	0.10000000	0.0000000	0.0	Mar	1	2	9
## 418	0.017543860	0.0000000	0.0	Mar	2	5	1
## 419	0.20000000	0.0000000	0.0	Mar	3	2	2
## 420	0.018918919	0.0000000	0.0	Mar	2	2	1
## 421	0.055555556	0.0000000	0.0	Mar	2	5	6
## 422	0.007285123	18.3680492	0.0	Mar	2	2	1
## 423	0.012500000	0.0000000	0.0	Mar	2	2	1
## 424	0.20000000	0.0000000	0.0	Mar	2	2	1
## 425	0.04000000	0.0000000	0.0	Mar	2	10	4
## 426	0.003846154	0.0000000	0.0	Mar	2	2	1
## 427	0.20000000	0.0000000	0.0	Mar	2	2	4
## 428	0.040444444	0.0000000	0.0	Mar	2	4	3
## 429	0.008333333	0.0000000	0.0	Mar	3	2	1
## 430	0.018181818	0.0000000	0.0	Mar	2	2	3
## 431	0.006060606	0.0000000	0.0	Mar	3	2	3
## 432	0.10000000	0.0000000	0.0	Mar	3	2	1
## 433	0.011764706	0.0000000	0.0	Mar	2	2	3

## 434	0.025000000	0.0000000	0.0	Mar	2	5	2
## 435	0.025000000	0.0000000	0.0	Mar	3	3	2
## 436	0.026984127	0.0000000	0.0	Mar	2	2	2
## 437	0.013333333	0.0000000	0.0	Mar	2	2	5
## 438	0.002903226	0.0000000	0.0	Mar	2	2	4
## 439	0.037894737	0.0000000	0.0	Mar	2	2	4
## 440	0.046153846	0.0000000	0.0	Mar	2	2	4
## 441	0.002222222	0.0000000	0.0	Mar	1	8	4
## 442	0.066666667	0.0000000	0.0	Mar	1	1	3
## 443	0.050000000	0.0000000	0.0	Mar	3	2	1
## 444	0.037765568	0.0000000	0.0	Mar	2	2	3
## 445	0.033333333	0.0000000	0.0	Mar	1	1	8
## 446	0.019314286	17.5276560	0.0	Mar	1	1	4
## 447	0.018181818	0.0000000	0.0	Mar	1	1	3
## 448	0.053333333	0.0000000	0.0	Mar	2	2	1
## 449	0.010000000	0.0000000	0.0	Mar	1	1	1
## 450	0.036507937	0.0000000	0.0	Mar	2	2	6
## 451	0.036000000	0.0000000	0.0	Mar	2	2	1
## 452	0.006451613	0.0000000	0.0	Mar	2	2	3
## 453	0.040000000	0.0000000	0.0	Mar	3	3	3
## 454	0.012500000	61.9395000	0.0	Mar	2	2	1
## 455	0.200000000	0.0000000	0.0	Mar	2	5	5
## 456	0.007142857	0.0000000	0.0	Mar	2	2	1
## 457	0.007142857	0.0000000	0.0	Mar	3	2	1
## 458	0.053571429	0.0000000	0.0	Mar	3	2	1
## 459	0.014285714	0.0000000	0.0	Mar	3	2	4
## 460	0.025000000	0.0000000	0.0	Mar	2	2	3
## 461	0.055000000	0.0000000	0.0	Mar	1	1	1
## 462	0.059846154	0.0000000	0.0	Mar	3	2	2
## 463	0.010000000	0.0000000	0.0	Mar	2	2	4
## 464	0.025000000	0.0000000	0.0	Mar	2	2	6
## 465	0.200000000	0.0000000	0.0	Mar	2	5	1
## 466	0.046666667	0.0000000	0.0	Mar	1	1	2
## 467	0.039247312	8.6827419	0.0	Mar	2	4	5
## 468	0.116666667	0.0000000	0.0	Mar	2	4	3
## 469	0.133333333	0.0000000	0.0	Mar	1	1	8
## 470	0.035897436	0.0000000	0.0	Mar	3	2	1
## 471	0.021666667	0.0000000	0.0	Mar	2	5	1
## 472	0.044444444	0.0000000	0.0	Mar	1	1	3
## 473	0.008510638	9.7021133	0.0	Mar	2	4	1
## 474	0.019871795	7.2562191	0.0	Mar	2	2	3
## 475	0.032380952	0.0000000	0.0	Mar	3	2	3
## 476	0.200000000	0.0000000	0.0	Mar	2	2	3
## 477	0.047105263	0.0000000	0.0	Mar	2	2	1
## 478	0.042857143	0.0000000	0.0	Mar	1	1	3
## 479	0.034848485	0.0000000	0.0	Mar	4	1	6
## 480	0.014285714	0.0000000	0.0	Mar	1	1	8
## 481	0.076923077	0.0000000	0.0	Mar	2	6	4
## 482	0.050000000	0.0000000	0.0	Mar	2	2	3
## 483	0.025000000	0.0000000	0.0	Mar	2	2	7
## 484	0.066666667	0.0000000	0.0	Mar	2	2	9
## 485	0.014814815	10.1022222	0.0	Mar	1	1	1
## 486	0.014285714	0.0000000	0.0	Mar	1	1	1
## 487	0.100000000	0.0000000	0.0	Mar	3	2	3

## 488	0.035714286	0.0000000	0.0	Mar	4	2	1
## 489	0.100000000	0.0000000	0.0	Mar	2	2	6
## 490	0.025000000	0.0000000	0.0	Mar	2	2	1
## 491	0.040476190	0.0000000	0.0	Mar	3	2	1
## 492	0.005555556	0.0000000	0.0	Mar	3	2	7
## 493	0.040000000	0.0000000	0.0	Mar	2	4	1
## 494	0.025000000	0.0000000	0.0	Mar	2	4	6
## 495	0.090000000	0.0000000	0.0	Mar	2	2	1
## 496	0.070000000	0.0000000	0.0	Mar	2	2	4
## 497	0.027272727	0.0000000	0.0	Mar	2	6	2
## 498	0.014008551	25.9670200	0.0	Mar	2	4	2
## 499	0.017259740	9.1623512	0.0	Mar	3	2	1
## 500	0.010493827	1.8657778	0.0	Mar	2	2	3
## 501	0.003571429	0.0000000	0.0	Mar	2	2	6
## 502	0.038461538	0.0000000	0.0	Mar	2	2	3
## 503	0.013793103	0.0000000	0.0	Mar	1	6	1
## 504	0.047348485	0.0000000	0.0	Mar	1	1	1
## 505	0.066666667	0.0000000	0.0	Mar	2	2	3
## 506	0.007425380	33.6117917	0.0	Mar	2	4	9
## 507	0.020602653	0.0000000	0.0	Mar	3	2	3
## 508	0.013333333	7.1696175	0.0	Mar	2	2	1
## 509	0.003174603	0.0000000	0.0	Mar	2	4	7
## 510	0.200000000	0.0000000	0.0	Mar	2	2	4
## 511	0.014705882	0.0000000	0.0	Mar	1	1	2
## 512	0.013043478	0.0000000	0.0	Mar	2	4	1
## 513	0.066666667	0.0000000	0.0	Mar	2	2	3
## 514	0.027272727	0.0000000	0.0	Mar	2	2	1
## 515	0.033333333	0.0000000	0.0	Mar	3	2	1
## 516	0.020000000	0.0000000	0.0	Mar	2	2	1
## 517	0.036410256	0.0000000	0.0	Mar	3	2	2
## 518	0.025000000	0.0000000	0.0	Mar	3	2	1
## 519	0.058577534	0.0000000	0.0	Mar	2	4	3
## 520	0.025000000	0.0000000	0.0	Mar	1	1	8
## 521	0.021212121	0.0000000	0.0	Mar	3	2	5
## 522	0.011111111	0.0000000	0.0	Mar	3	2	6
## 523	0.072222222	0.0000000	0.0	Mar	2	2	4
## 524	0.012500000	0.0000000	0.0	Mar	3	2	3
## 525	0.050000000	0.0000000	0.0	Mar	2	2	1
## 526	0.014634146	0.0000000	0.0	Mar	3	7	3
## 527	0.200000000	0.0000000	0.0	Mar	3	2	7
## 528	0.066666667	0.0000000	0.0	Mar	2	2	2
## 529	0.045833333	0.0000000	0.0	Mar	3	2	7
## 530	0.001190476	0.0000000	0.0	Mar	2	4	3
## 531	0.100000000	0.0000000	0.0	Mar	2	2	1
## 532	0.057142857	0.0000000	0.0	Mar	2	5	2
## 533	0.100000000	0.0000000	0.0	Mar	1	1	1
## 534	0.066666667	0.0000000	0.0	Mar	2	2	3
## 535	0.200000000	0.0000000	0.0	Mar	3	2	3
## 536	0.018965517	0.0000000	0.0	Mar	2	6	7
## 537	0.003703704	0.0000000	0.0	Mar	1	1	7
## 538	0.014035088	0.0000000	0.0	Mar	2	7	1
## 539	0.023983740	22.8015244	0.0	Mar	2	2	1
## 540	0.002222222	0.0000000	0.0	Mar	2	2	7
## 541	0.066666667	0.0000000	0.0	Mar	2	4	1

## 542	0.011111111	0.0000000	0.0	Mar	2	2	3
## 543	0.019047619	0.0000000	0.0	Mar	1	1	1
## 544	0.066666667	0.0000000	0.0	Mar	4	1	1
## 545	0.039924242	0.0000000	0.0	Mar	3	2	1
## 546	0.066666667	0.0000000	0.0	Mar	2	10	4
## 547	0.017153855	0.0000000	0.0	Mar	2	2	1
## 548	0.072727273	0.0000000	0.0	Mar	1	1	3
## 549	0.054545455	0.0000000	0.0	Mar	4	2	1
## 550	0.004166667	0.0000000	0.0	Mar	2	2	7
## 551	0.007894737	0.0000000	0.0	Mar	2	2	4
## 552	0.028571429	0.0000000	0.0	Mar	4	1	1
## 553	0.018181818	0.0000000	0.0	Mar	4	2	1
## 554	0.016500000	0.0000000	0.0	Mar	3	2	8
## 555	0.054545455	0.0000000	0.0	Mar	2	2	1
## 556	0.066666667	0.0000000	0.0	Mar	2	2	7
## 557	0.066666667	0.0000000	0.0	Mar	2	2	7
## 558	0.003500000	0.0000000	0.0	Mar	2	2	3
## 559	0.022500000	0.0000000	0.0	Mar	4	1	2
## 560	0.080000000	0.0000000	0.0	Mar	2	5	2
## 561	0.031250000	0.0000000	0.0	Mar	2	2	1
## 562	0.133333333	0.0000000	0.0	Mar	2	2	1
## 563	0.015384615	0.0000000	0.0	Mar	2	4	1
## 564	0.050000000	0.0000000	0.0	Mar	3	2	3
## 565	0.085714286	0.0000000	0.0	Mar	4	1	4
## 566	0.028571429	0.0000000	0.0	Mar	2	2	1
## 567	0.066666667	0.0000000	0.0	Mar	2	2	1
## 568	0.004308390	0.0000000	0.0	Mar	2	4	1
## 569	0.027174712	3.5411458	0.0	Mar	2	4	1
## 570	0.040000000	0.0000000	0.0	Mar	2	5	1
## 571	0.200000000	0.0000000	0.0	Mar	3	2	6
## 572	0.058333333	0.0000000	0.0	Mar	2	2	6
## 573	0.013333333	0.0000000	0.0	Mar	2	2	1
## 574	0.033846154	0.0000000	0.0	Mar	2	7	7
## 575	0.053273810	0.0000000	0.0	Mar	1	1	1
## 576	0.005263158	0.0000000	0.0	Mar	2	2	4
## 577	0.009523810	0.0000000	0.0	Mar	4	1	3
## 578	0.002380952	0.0000000	0.0	Mar	1	1	3
## 579	0.200000000	0.0000000	0.0	Mar	3	2	1
## 580	0.014285714	0.0000000	0.0	Mar	1	2	1
## 581	0.007051282	9.2947756	0.0	Mar	2	2	1
## 582	0.023619048	0.0000000	0.0	Mar	2	2	1
## 583	0.041176471	0.0000000	0.0	Mar	2	6	9
## 584	0.200000000	0.0000000	0.0	Mar	1	1	3
## 585	0.030952381	0.0000000	0.0	Mar	2	5	2
## 586	0.028571429	0.0000000	0.0	Mar	1	1	9
## 587	0.020233586	0.0000000	0.0	Mar	3	2	1
## 588	0.035397453	0.0000000	0.0	Mar	3	2	8
## 589	0.100000000	0.0000000	0.0	Mar	2	2	3
## 590	0.056666667	0.0000000	0.0	Mar	2	6	6
## 591	0.027272727	0.0000000	0.0	Mar	2	2	2
## 592	0.081818182	0.0000000	0.0	Mar	2	2	4
## 593	0.009683372	0.0000000	0.0	Mar	2	4	6
## 594	0.007618770	6.8713090	0.0	Mar	2	2	2
## 595	0.046153846	0.0000000	0.0	Mar	4	1	3

## 596	0.015384615	35.9926154	0.0	Mar	2	2	3
## 597	0.016666667	0.0000000	0.0	Mar	2	2	7
## 598	0.050000000	0.0000000	0.0	Mar	2	2	1
## 599	0.001137980	0.0000000	0.0	Mar	1	1	1
## 600	0.066666667	0.0000000	0.0	Mar	2	2	1
## 601	0.033333333	0.0000000	0.0	Mar	1	2	1
## 602	0.028571429	53.1342857	0.0	Mar	2	4	2
## 603	0.033262108	8.8338259	0.0	Mar	2	2	2
## 604	0.010737154	0.0000000	0.0	Mar	2	2	2
## 605	0.014903846	10.6008917	0.0	Mar	2	2	3
## 606	0.023809524	5.5139762	0.0	Mar	4	1	3
## 607	0.008333333	27.4513819	0.0	Mar	3	2	1
## 608	0.081818182	0.0000000	0.0	Mar	2	2	1
## 609	0.006060606	0.0000000	0.0	Mar	1	1	3
## 610	0.007142857	0.0000000	0.0	Mar	1	1	4
## 611	0.012500000	0.0000000	0.0	Mar	1	1	1
## 612	0.009543860	0.0000000	0.0	Mar	2	2	3
## 613	0.002343750	0.0000000	0.0	Mar	2	2	1
## 614	0.015333333	17.8423070	0.0	Mar	1	1	1
## 615	0.025000000	0.0000000	0.0	Mar	2	5	7
## 616	0.166666667	0.0000000	0.0	Mar	2	2	1
## 617	0.018750000	0.0000000	0.0	Mar	2	2	7
## 618	0.004444444	0.0000000	0.0	Mar	3	2	4
## 619	0.066666667	0.0000000	0.0	Mar	3	2	5
## 620	0.023529412	0.0000000	0.0	Mar	2	2	1
## 621	0.029687500	0.0000000	0.0	Mar	2	2	1
## 622	0.027586207	0.0000000	0.0	Mar	2	2	6
## 623	0.011616162	16.7153449	0.0	Mar	2	2	3
## 624	0.047619048	0.0000000	0.0	Mar	2	2	4
## 625	0.031196581	0.0000000	0.0	Mar	2	2	6
## 626	0.032271242	2.1887185	0.0	Mar	2	4	3
## 627	0.023809524	0.0000000	0.0	Mar	3	2	6
## 628	0.008888889	0.0000000	0.0	Mar	1	1	8
## 629	0.125000000	0.0000000	0.0	Mar	3	2	3
## 630	0.007407407	57.7293604	0.0	Mar	2	2	3
## 631	0.200000000	0.0000000	0.0	Mar	3	2	3
## 632	0.020000000	0.0000000	0.0	Mar	2	2	5
## 633	0.027272727	0.0000000	0.0	Mar	3	2	3
## 634	0.026479076	2.0805336	0.0	Mar	1	1	3
## 635	0.028571429	0.0000000	0.0	Mar	2	2	8
## 636	0.071428571	0.0000000	0.0	Mar	2	2	3
## 637	0.043589744	0.0000000	0.0	Mar	2	2	7
## 638	0.028571429	0.0000000	0.0	Mar	2	2	2
## 639	0.050000000	0.0000000	0.0	Mar	3	2	4
## 640	0.015227273	45.4316713	0.0	Mar	2	2	1
## 641	0.014285714	0.0000000	0.0	Mar	2	2	1
## 642	0.007012195	0.0000000	0.0	Mar	2	2	1
## 643	0.100000000	0.0000000	0.0	Mar	2	2	1
## 644	0.050000000	0.0000000	0.0	Mar	3	2	1
## 645	0.009090909	10.7929507	0.0	Mar	2	2	2
## 646	0.004812274	0.0000000	0.0	Mar	2	2	2
## 647	0.045416667	0.0000000	0.0	Mar	2	2	4
## 648	0.023703704	0.0000000	0.0	Mar	1	8	3
## 649	0.040000000	0.0000000	0.0	Mar	2	2	3

## 650	0.008333333	0.0000000	0.0	Mar	2	2	8
## 651	0.200000000	0.0000000	0.0	Mar	2	5	9
## 652	0.011111111	0.0000000	0.0	Mar	2	2	3
## 653	0.043750000	0.0000000	0.0	Mar	2	2	4
## 654	0.010000000	0.0000000	0.0	Mar	3	2	1
## 655	0.100000000	0.0000000	0.0	Mar	1	1	8
## 656	0.058333333	0.0000000	0.0	Mar	3	2	3
## 657	0.014141414	8.4827273	0.0	Mar	2	2	8
## 658	0.043075335	0.0000000	0.0	Mar	3	2	1
## 659	0.029166667	0.0000000	0.0	Mar	2	4	9
## 660	0.008888889	0.0000000	0.0	Mar	1	1	9
## 661	0.010434783	0.0000000	0.0	Mar	2	2	1
## 662	0.200000000	0.0000000	0.0	Mar	2	4	6
## 663	0.100000000	0.0000000	0.0	Mar	3	2	1
## 664	0.002380952	0.0000000	0.0	Mar	2	2	1
## 665	0.012222222	0.0000000	0.0	Mar	1	1	1
## 666	0.023529412	0.0000000	0.0	Mar	3	2	8
## 667	0.009523810	18.5847619	0.0	Mar	4	1	1
## 668	0.013333333	0.0000000	0.0	Mar	2	2	1
## 669	0.030000000	0.0000000	0.0	Mar	3	2	3
## 670	0.006666667	0.0000000	0.0	Mar	2	2	1
## 671	0.080392157	0.0000000	0.0	Mar	2	2	6
## 672	0.025000000	0.0000000	0.0	Mar	2	2	1
## 673	0.010666667	0.0000000	0.0	Mar	2	2	8
## 674	0.007923497	3.0778361	0.0	Mar	2	4	3
## 675	0.005951036	0.0000000	0.0	Mar	2	2	1
## 676	0.033333333	0.0000000	0.0	Mar	1	1	8
## 677	0.001666667	0.0000000	0.0	Mar	3	2	1
## 678	0.037222222	0.0000000	0.0	Mar	2	4	3
## 679	0.050000000	0.0000000	0.0	Mar	1	1	3
## 680	0.020000000	0.0000000	0.0	Mar	2	2	4
## 681	0.026757370	0.0000000	0.0	Mar	2	2	2
## 682	0.050000000	0.0000000	0.0	Mar	2	4	3
## 683	0.051923077	0.0000000	0.0	Mar	3	2	2
## 684	0.011774152	0.0000000	0.0	Mar	3	2	1
## 685	0.025333333	0.0000000	0.0	Mar	2	5	1
## 686	0.035897436	6.4827983	0.0	Mar	2	4	4
## 687	0.002185792	69.4304319	0.0	Mar	2	2	3
## 688	0.018834175	6.4450515	0.0	Mar	3	2	1
## 689	0.004000000	20.9714400	0.0	Mar	2	4	3
## 690	0.010974434	0.0000000	0.0	Mar	3	2	4
## 691	0.028571429	0.0000000	0.0	Mar	3	2	1
## 692	0.100000000	0.0000000	0.0	Mar	3	2	1
## 693	0.023913043	0.0000000	0.0	Mar	4	2	8
## 694	0.020707071	19.7146892	0.0	Mar	1	1	2
## 695	0.050000000	0.0000000	0.0	Mar	1	1	3
## 696	0.016289934	4.6420000	0.0	Mar	2	2	2
## 697	0.026666667	0.0000000	0.0	Mar	3	2	2
## 698	0.050000000	0.0000000	0.0	Mar	3	2	8
## 699	0.002976190	0.0000000	0.0	Mar	2	4	1
## 700	0.004166667	0.0000000	0.0	Mar	1	1	2
## 701	0.128571429	0.0000000	0.0	Mar	2	2	1
## 702	0.004545455	0.0000000	0.0	Mar	1	1	3
## 703	0.055555556	0.0000000	0.0	Mar	3	2	3

## 704	0.066666667	0.0000000	0.0	Mar	2	2	4
## 705	0.028571429	0.0000000	0.0	Mar	1	1	1
## 706	0.066666667	0.0000000	0.0	Mar	2	5	1
## 707	0.035714286	0.0000000	0.0	Mar	1	1	3
## 708	0.030952381	0.0000000	0.0	Mar	2	2	4
## 709	0.023666667	0.0000000	0.0	Mar	2	2	3
## 710	0.100000000	0.0000000	0.0	Mar	3	2	2
## 711	0.066666667	0.0000000	0.0	Mar	2	2	8
## 712	0.200000000	0.0000000	0.0	Mar	1	1	3
## 713	0.034285714	0.0000000	0.0	Mar	2	2	1
## 714	0.017493734	4.4947412	0.0	Mar	1	1	2
## 715	0.025000000	0.0000000	0.0	Mar	4	1	9
## 716	0.200000000	0.0000000	0.0	Mar	1	1	2
## 717	0.040000000	0.0000000	0.0	Mar	2	2	7
## 718	0.021875000	0.0000000	0.0	Mar	4	1	1
## 719	0.200000000	0.0000000	0.0	Mar	2	4	1
## 720	0.050000000	0.0000000	0.0	Mar	1	1	6
## 721	0.050000000	0.0000000	0.0	Mar	3	2	1
## 722	0.021739130	0.0000000	0.0	Mar	2	2	2
## 723	0.007777778	0.0000000	0.0	Mar	1	1	7
## 724	0.014285714	0.0000000	0.0	Mar	1	1	1
## 725	0.011111111	0.0000000	0.0	Mar	1	2	2
## 726	0.009285714	0.0000000	0.0	Mar	1	1	3
## 727	0.007723577	4.6670793	0.0	Mar	3	3	2
## 728	0.066666667	0.0000000	0.0	Mar	4	1	3
## 729	0.019393939	7.8823773	0.0	Mar	1	1	3
## 730	0.002666667	0.0000000	0.0	Mar	3	2	1
## 731	0.004166667	0.0000000	0.0	Mar	3	2	1
## 732	0.014766169	2.3468004	0.0	Mar	2	2	4
## 733	0.005263158	0.0000000	0.0	Mar	2	2	4
## 734	0.033252033	0.0000000	0.0	Mar	2	2	2
## 735	0.200000000	0.0000000	0.0	Mar	1	8	2
## 736	0.000956938	0.0000000	0.0	Mar	2	4	7
## 737	0.044444444	0.0000000	0.0	Mar	2	2	3
## 738	0.015625000	0.0000000	0.0	Mar	2	2	1
## 739	0.083333333	0.0000000	0.0	Mar	2	2	1
## 740	0.009523810	0.0000000	0.0	Mar	2	4	4
## 741	0.009090909	0.0000000	0.0	Mar	2	2	4
## 742	0.017428305	3.6093985	0.0	Mar	2	4	7
## 743	0.023245614	0.0000000	0.0	Mar	2	2	3
## 744	0.013333333	52.1081818	0.0	Mar	2	2	1
## 745	0.041176471	0.0000000	0.0	Mar	1	1	3
## 746	0.003571429	0.0000000	0.0	Mar	1	1	2
## 747	0.018487395	0.0000000	0.0	Mar	1	1	1
## 748	0.036842105	32.6452105	0.0	Mar	2	7	3
## 749	0.071428571	0.0000000	0.0	Mar	3	2	6
## 750	0.015384615	31.3094364	0.0	Mar	2	2	1
## 751	0.025000000	0.0000000	0.0	Mar	2	2	2
## 752	0.026591844	43.3616369	0.0	Mar	1	1	1
## 753	0.021794872	0.0000000	0.0	Mar	2	6	1
## 754	0.040000000	0.0000000	0.0	Mar	3	2	3
## 755	0.200000000	0.0000000	0.0	Mar	1	1	1
## 756	0.063636364	0.0000000	0.0	Mar	2	6	1
## 757	0.050000000	0.0000000	0.0	Mar	3	3	4

## 758	0.043750000	0.0000000	0.0	Mar	2	4	1
## 759	0.011578947	0.0000000	0.0	Mar	2	2	3
## 760	0.031372549	0.0000000	0.0	Mar	2	2	1
## 761	0.005345441	2.5266169	0.0	Mar	1	2	3
## 762	0.016433566	0.0000000	0.0	Mar	2	2	1
## 763	0.014545455	0.0000000	0.0	Mar	1	1	1
## 764	0.004916136	2.0862185	0.0	Mar	2	2	3
## 765	0.006666667	0.0000000	0.0	Mar	2	10	4
## 766	0.039104938	0.0000000	0.0	Mar	3	2	1
## 767	0.030769231	0.0000000	0.0	Mar	3	2	1
## 768	0.016037881	8.6000431	0.0	Mar	3	2	8
## 769	0.020689655	0.0000000	0.0	Mar	4	2	3
## 770	0.030000000	9.1500800	0.0	Mar	4	1	1
## 771	0.055555556	0.0000000	0.0	Mar	2	2	6
## 772	0.033333333	0.0000000	0.0	Mar	1	1	1
## 773	0.003448276	0.0000000	0.0	Mar	2	2	1
## 774	0.027272727	15.6644517	0.0	Mar	2	2	4
## 775	0.050000000	0.0000000	0.0	Mar	1	1	1
## 776	0.050000000	0.0000000	0.0	Mar	2	7	2
## 777	0.033333333	0.0000000	0.0	Mar	2	2	1
## 778	0.025925926	0.0000000	0.0	Mar	2	2	4
## 779	0.016892552	0.0000000	0.0	Mar	1	1	3
## 780	0.066666667	0.0000000	0.0	Mar	2	2	1
## 781	0.030769231	0.0000000	0.0	Mar	2	5	3
## 782	0.092307692	0.0000000	0.0	Mar	1	8	1
## 783	0.010142857	0.0000000	0.0	Mar	3	2	3
## 784	0.025000000	0.0000000	0.0	Mar	3	2	8
## 785	0.053125000	0.0000000	0.0	Mar	1	1	3
## 786	0.049411765	0.0000000	0.0	Mar	2	6	4
## 787	0.017396907	7.8911710	0.0	Mar	2	2	1
## 788	0.053030303	0.0000000	0.0	Mar	1	1	6
## 789	0.066666667	0.0000000	0.0	Mar	1	8	4
## 790	0.006998399	1.0881582	0.0	Mar	2	4	3
## 791	0.010000000	0.0000000	0.0	Mar	1	2	1
## 792	0.012500000	0.0000000	0.0	Mar	2	2	3
## 793	0.005357143	44.6119985	0.0	Mar	1	1	4
## 794	0.120000000	0.0000000	0.0	Mar	1	1	3
## 795	0.200000000	0.0000000	0.0	Mar	2	2	1
## 796	0.200000000	0.0000000	0.0	Mar	3	2	6
## 797	0.040000000	54.8554300	0.0	Mar	2	4	3
## 798	0.075000000	0.0000000	0.0	Mar	3	2	1
## 799	0.025000000	0.0000000	0.0	Mar	1	1	4
## 800	0.007142857	0.0000000	0.0	Mar	2	6	2
## 801	0.021383648	13.0018396	0.0	Mar	1	1	2
## 802	0.025000000	0.0000000	0.0	Mar	2	2	3
## 803	0.033333333	0.0000000	0.0	Mar	3	2	7
## 804	0.028571429	23.8635929	0.0	Mar	2	2	1
## 805	0.050000000	0.0000000	0.0	Mar	4	5	1
## 806	0.005072464	0.0000000	0.0	Mar	2	2	7
## 807	0.011111111	0.0000000	0.0	Mar	3	2	8
## 808	0.033333333	0.0000000	0.0	Mar	1	1	3
## 809	0.034462810	0.0000000	0.0	Mar	3	2	3
## 810	0.100000000	0.0000000	0.0	Mar	2	6	1
## 811	0.050000000	0.0000000	0.0	Mar	2	2	8

## 812	0.025000000	0.0000000	0.0	Mar	3	2	2
## 813	0.200000000	0.0000000	0.0	Mar	1	1	3
## 814	0.150000000	0.0000000	0.0	Mar	2	2	1
## 815	0.040000000	0.0000000	0.0	Mar	2	5	3
## 816	0.022984749	0.0000000	0.0	Mar	2	2	1
## 817	0.021250000	0.0000000	0.0	Mar	2	5	1
## 818	0.020833333	0.0000000	0.0	Mar	2	2	1
## 819	0.012765306	29.4581515	0.0	Mar	3	2	3
## 820	0.016666667	0.0000000	0.0	Mar	4	1	3
## 821	0.010810811	0.0000000	0.0	Mar	2	2	1
## 822	0.200000000	0.0000000	0.0	Mar	1	2	1
## 823	0.100000000	0.0000000	0.0	Mar	3	2	4
## 824	0.010000000	0.0000000	0.0	Mar	2	2	1
## 825	0.007207207	0.0000000	0.0	Mar	3	3	2
## 826	0.023076923	0.0000000	0.0	Mar	3	2	6
## 827	0.005882353	0.0000000	0.0	Mar	1	1	3
## 828	0.036923077	3.1486154	0.0	Mar	2	2	2
## 829	0.010344828	0.0000000	0.0	Mar	3	2	7
## 830	0.066666667	0.0000000	0.0	Mar	1	1	1
## 831	0.010000000	0.0000000	0.0	Mar	1	1	3
## 832	0.051111111	0.0000000	0.0	Mar	2	2	7
## 833	0.015989583	0.0000000	0.0	Mar	2	2	2
## 834	0.027083333	0.0000000	0.0	Mar	4	2	1
## 835	0.031029186	0.0000000	0.0	Mar	2	2	1
## 836	0.018226601	3.6913448	0.0	Mar	1	4	1
## 837	0.008771930	0.0000000	0.0	Mar	1	1	3
## 838	0.071428571	0.0000000	0.0	Mar	3	2	1
## 839	0.018866213	15.3291016	0.0	Mar	2	2	3
## 840	0.002666667	0.0000000	0.0	Mar	1	1	1
## 841	0.038222222	0.0000000	0.0	Mar	2	2	6
## 842	0.005555556	0.0000000	0.0	Mar	3	2	4
## 843	0.100000000	0.0000000	0.0	Mar	1	1	2
## 844	0.018233487	11.1076505	0.0	Mar	2	2	1
## 845	0.008695652	0.0000000	0.0	Mar	2	2	1
## 846	0.005714286	0.0000000	0.0	Mar	3	2	4
## 847	0.066666667	0.0000000	0.0	Mar	4	1	3
## 848	0.020322581	8.4979355	0.0	Mar	3	2	4
## 849	0.028571429	25.1880000	0.0	Mar	1	2	1
## 850	0.006250000	0.0000000	0.0	Mar	2	2	1
## 851	0.016666667	0.0000000	0.0	Mar	1	1	1
## 852	0.023933659	0.0000000	0.0	Mar	3	2	1
## 853	0.028571429	0.0000000	0.0	Mar	1	1	1
## 854	0.012500000	75.0678157	0.0	Mar	2	2	6
## 855	0.033333333	0.0000000	0.0	Mar	3	2	1
## 856	0.033333333	0.0000000	0.0	Mar	2	2	1
## 857	0.002462121	0.0000000	0.0	Mar	2	2	9
## 858	0.016666667	0.0000000	0.0	Mar	1	1	6
## 859	0.015811966	0.0000000	0.0	Mar	2	2	8
## 860	0.011111111	0.0000000	0.0	Mar	2	2	3
## 861	0.200000000	0.0000000	0.0	Mar	2	4	1
## 862	0.004390244	0.0000000	0.0	Mar	2	2	3
## 863	0.003703704	0.0000000	0.0	Mar	3	2	2
## 864	0.007309582	0.0000000	0.0	Mar	3	2	4
## 865	0.133333333	0.0000000	0.0	Mar	4	1	1

## 866	0.031531532	8.7083243	0.0	Mar	2	2	3
## 867	0.032653061	21.2238673	0.0	Mar	2	2	1
## 868	0.025000000	17.5380000	0.0	Mar	2	4	1
## 869	0.048484848	0.0000000	0.0	Mar	2	2	3
## 870	0.100000000	0.0000000	0.0	Mar	2	2	4
## 871	0.100000000	0.0000000	0.0	Mar	2	2	1
## 872	0.017954545	0.0000000	0.0	Mar	2	2	1
## 873	0.016666667	0.0000000	0.0	Mar	7	1	1
## 874	0.005055944	9.9301870	0.0	Mar	2	2	6
## 875	0.020000000	0.0000000	0.0	Mar	3	2	7
## 876	0.036842105	0.0000000	0.0	Mar	2	2	4
## 877	0.005000000	0.0000000	0.0	Mar	3	2	1
## 878	0.120000000	0.0000000	0.0	Mar	2	2	1
## 879	0.012500000	0.0000000	0.0	Mar	2	2	1
## 880	0.012577640	0.0000000	0.0	Mar	2	2	6
## 881	0.032000000	0.0000000	0.0	Mar	2	2	1
## 882	0.022222222	0.0000000	0.0	Mar	1	2	6
## 883	0.014565217	8.2241685	0.0	Mar	2	4	3
## 884	0.065000000	0.0000000	0.0	Mar	3	2	2
## 885	0.040000000	31.1880000	0.0	Mar	1	1	7
## 886	0.200000000	0.0000000	0.0	Mar	3	2	3
## 887	0.011764706	0.0000000	0.0	Mar	2	2	2
## 888	0.018181818	0.0000000	0.0	Mar	2	2	6
## 889	0.040000000	0.0000000	0.0	Mar	1	2	2
## 890	0.056666667	43.7971736	0.0	Mar	2	2	1
## 891	0.016000000	0.0000000	0.0	Mar	4	1	1
## 892	0.022222222	63.5880000	0.0	Mar	1	1	1
## 893	0.010666667	0.0000000	0.0	Mar	2	2	5
## 894	0.011666667	3.3110800	0.0	Mar	1	2	1
## 895	0.009142857	3.2986800	0.0	Mar	2	2	1
## 896	0.050000000	0.0000000	0.0	Mar	3	2	1
## 897	0.066666667	0.0000000	0.0	Mar	2	5	8
## 898	0.016666667	0.0000000	0.0	Mar	2	4	1
## 899	0.050000000	0.0000000	0.0	Mar	3	2	8
## 900	0.044444444	0.0000000	0.0	Mar	3	2	7
## 901	0.013663064	0.0000000	0.0	Mar	2	4	1
## 902	0.022222222	0.0000000	0.0	Mar	2	2	1
## 903	0.017307692	0.0000000	0.0	Mar	1	1	2
## 904	0.040476190	0.0000000	0.0	Mar	1	1	6
## 905	0.033208874	0.0000000	0.0	Mar	2	2	3
## 906	0.033333333	0.0000000	0.0	Mar	2	2	4
## 907	0.020000000	0.0000000	0.0	Mar	1	1	1
## 908	0.002721088	0.0000000	0.0	Mar	1	2	4
## 909	0.020000000	0.0000000	0.0	Mar	2	4	2
## 910	0.020661157	0.0000000	0.0	Mar	1	2	3
## 911	0.009090909	0.0000000	0.0	Mar	1	1	1
## 912	0.005217391	0.0000000	0.0	Mar	2	2	3
## 913	0.027138047	0.0000000	0.0	Mar	2	2	9
## 914	0.062500000	0.0000000	0.0	Mar	1	1	1
## 915	0.050000000	0.0000000	0.0	Mar	2	2	7
## 916	0.018750000	0.0000000	0.0	Mar	1	1	1
## 917	0.200000000	0.0000000	0.0	Mar	2	2	7
## 918	0.025000000	0.0000000	0.0	Mar	2	2	1
## 919	0.042741935	2.3043226	0.0	Mar	2	2	1

## 920	0.003508772	0.0000000	0.0	Mar	2	2	2
## 921	0.200000000	0.0000000	0.0	Mar	2	2	1
## 922	0.014285714	0.0000000	0.0	Mar	1	1	4
## 923	0.041666667	0.0000000	0.0	Mar	1	2	1
## 924	0.050000000	0.0000000	0.0	Mar	1	1	1
## 925	0.022222222	0.0000000	0.0	Mar	2	2	1
## 926	0.015196078	0.0000000	0.0	Mar	2	2	7
## 927	0.026388889	33.5332758	0.0	Mar	2	6	4
## 928	0.018181818	0.0000000	0.0	Mar	4	2	1
## 929	0.026666667	0.0000000	0.0	Mar	3	2	4
## 930	0.200000000	0.0000000	0.0	Mar	1	1	7
## 931	0.011111111	0.0000000	0.0	Mar	2	2	6
## 932	0.011458333	20.1175129	0.0	Mar	2	2	3
## 933	0.200000000	0.0000000	0.0	Mar	3	2	3
## 934	0.011111111	0.0000000	0.0	Mar	3	2	4
## 935	0.010971006	2.9155116	0.0	Mar	2	6	2
## 936	0.033333333	0.0000000	0.0	Mar	4	1	1
## 937	0.004761905	0.0000000	0.0	Mar	2	2	1
## 938	0.050000000	0.0000000	0.0	Mar	3	2	3
## 939	0.030125313	0.0000000	0.0	Mar	2	2	3
## 940	0.020000000	0.0000000	0.0	Mar	2	2	2
## 941	0.008333333	35.8370931	0.0	Mar	1	1	4
## 942	0.018519814	62.1688636	0.0	Mar	3	2	6
## 943	0.200000000	0.0000000	0.0	Mar	3	2	3
## 944	0.083333333	0.0000000	0.0	Mar	1	1	1
## 945	0.015384615	0.0000000	0.0	Mar	2	2	2
## 946	0.100000000	0.0000000	0.0	Mar	4	2	2
## 947	0.060000000	0.0000000	0.0	Mar	2	2	7
## 948	0.020000000	0.0000000	0.0	Mar	3	2	1
## 949	0.007692308	0.0000000	0.0	Mar	3	2	1
## 950	0.023529412	0.0000000	0.0	Mar	2	2	4
## 951	0.027205882	0.0000000	0.0	Mar	3	2	1
## 952	0.011468360	4.0952889	0.0	Mar	1	1	2
## 953	0.014499164	0.0000000	0.0	Mar	3	2	7
## 954	0.012742857	0.0000000	0.0	Mar	3	2	1
## 955	0.025000000	0.0000000	0.0	Mar	1	1	1
## 956	0.007894737	0.0000000	0.0	Mar	1	1	1
## 957	0.033333333	0.0000000	0.0	Mar	1	1	1
## 958	0.031538462	0.0000000	0.0	Mar	3	2	1
## 959	0.006666667	0.0000000	0.0	Mar	1	1	7
## 960	0.085185185	0.0000000	0.0	Mar	2	5	5
## 961	0.014285714	0.0000000	0.0	Mar	1	1	1
## 962	0.050000000	0.0000000	0.0	Mar	2	2	9
## 963	0.014285714	0.0000000	0.0	Mar	2	2	1
## 964	0.007142857	0.0000000	0.0	Mar	3	2	3
## 965	0.003917526	13.4640631	0.0	Mar	2	2	3
## 966	0.045833333	0.0000000	0.0	Mar	1	1	4
## 967	0.033333333	0.0000000	0.0	Mar	1	1	1
## 968	0.011764706	0.0000000	0.0	Mar	1	1	2
## 969	0.009259259	28.3933549	0.0	Mar	2	2	3
## 970	0.011111111	0.0000000	0.0	Mar	3	2	2
## 971	0.057142857	0.0000000	0.0	Mar	2	5	1
## 972	0.044444444	0.0000000	0.0	Mar	2	2	2
## 973	0.040000000	0.0000000	0.0	Mar	1	1	3

## 974	0.033333333	0.0000000	0.0	Mar	3	2	7
## 975	0.005882353	0.0000000	0.0	Mar	2	2	1
## 976	0.033333333	0.0000000	0.0	Mar	2	2	2
## 977	0.018181818	0.0000000	0.0	Mar	2	4	4
## 978	0.025000000	0.0000000	0.0	Mar	3	2	2
## 979	0.200000000	0.0000000	0.0	Mar	1	1	4
## 980	0.010526316	0.0000000	0.0	Mar	1	1	1
## 981	0.017802198	0.0000000	0.0	Mar	3	2	1
## 982	0.009552239	0.0000000	0.0	Mar	2	2	1
## 983	0.044444444	0.0000000	0.0	Mar	2	2	3
## 984	0.025000000	0.0000000	0.0	Mar	2	2	1
## 985	0.021538462	0.0000000	0.0	Mar	3	2	1
## 986	0.010156250	0.0000000	0.0	Mar	2	2	7
## 987	0.026089744	0.0000000	0.0	Mar	1	1	6
## 988	0.012500000	0.0000000	0.0	Mar	2	2	1
## 989	0.028571429	0.0000000	0.0	Mar	1	1	3
## 990	0.200000000	0.0000000	0.0	Mar	2	2	7
## 991	0.040000000	0.0000000	0.0	Mar	2	2	4
## 992	0.066666667	0.0000000	0.0	Mar	2	4	3
## 993	0.026652893	0.0000000	0.0	Mar	2	2	4
## 994	0.066666667	0.0000000	0.0	Mar	2	2	1
## 995	0.003913043	0.0000000	0.0	Mar	1	1	1
## 996	0.033333333	0.0000000	0.0	Mar	3	2	4
## 997	0.015384615	0.0000000	0.0	Mar	2	2	1
## 998	0.100000000	0.0000000	0.0	Mar	2	2	8
## 999	0.022222222	0.0000000	0.0	Mar	2	2	7
## 1000	0.033333333	0.0000000	0.0	Mar	3	2	1
## 1001	0.010526316	0.0000000	0.0	Mar	3	2	3
## 1002	0.020512821	0.0000000	0.0	Mar	2	2	1
## 1003	0.048648649	0.0000000	0.0	Mar	2	10	6
## 1004	0.050000000	0.0000000	0.0	Mar	2	2	9
## 1005	0.020000000	0.0000000	0.0	Mar	2	2	1
## 1006	0.036666667	0.0000000	0.0	Mar	3	2	3
## 1007	0.004444444	0.0000000	0.0	Mar	2	2	3
## 1008	0.200000000	0.0000000	0.0	Mar	2	2	3
## 1009	0.200000000	0.0000000	0.0	Mar	1	1	1
## 1010	0.040000000	0.0000000	0.0	Mar	2	2	1
## 1011	0.011147186	0.0000000	0.0	Mar	4	1	1
## 1012	0.019990486	6.6266477	0.0	Mar	2	2	3
## 1013	0.075000000	0.0000000	0.0	Mar	3	2	1
## 1014	0.083333333	0.0000000	0.0	Mar	2	2	7
## 1015	0.016666667	10.8343104	0.0	Mar	3	2	6
## 1016	0.033333333	18.8649000	0.0	Mar	1	1	2
## 1017	0.085714286	0.0000000	0.0	Mar	2	2	3
## 1018	0.018181818	30.6504545	0.0	Mar	2	2	2
## 1019	0.066666667	0.0000000	0.0	Mar	3	6	1
## 1020	0.166666667	0.0000000	0.0	Mar	1	1	3
## 1021	0.018141923	0.0000000	0.0	Mar	3	2	2
## 1022	0.011764706	0.0000000	0.0	Mar	2	2	1
## 1023	0.005882353	0.0000000	0.0	Mar	2	2	7
## 1024	0.023809524	0.0000000	0.0	Mar	2	2	7
## 1025	0.028151261	0.0000000	0.0	Mar	2	2	3
## 1026	0.018154762	0.0000000	0.0	Mar	1	1	1
## 1027	0.025000000	64.7325000	0.0	Mar	2	2	1

## 1028	0.012962963	0.0000000	0.0	Mar	2	2	4
## 1029	0.016666667	0.0000000	0.0	Mar	1	1	1
## 1030	0.066666667	0.0000000	0.0	Mar	2	4	1
## 1031	0.043055556	0.0000000	0.0	Mar	2	2	3
## 1032	0.200000000	0.0000000	0.0	Mar	3	2	5
## 1033	0.016666667	0.0000000	0.0	Mar	2	2	8
## 1034	0.001041667	35.1037828	0.0	Mar	2	7	2
## 1035	0.000800000	144.3934888	0.0	Mar	2	2	7
## 1036	0.009358814	0.0000000	0.0	Mar	3	2	1
## 1037	0.055026455	0.0000000	0.0	Mar	2	2	1
## 1038	0.022222222	0.0000000	0.0	Mar	2	2	1
## 1039	0.024242424	0.0000000	0.0	Mar	3	2	3
## 1040	0.133333333	0.0000000	0.0	Mar	2	2	7
## 1041	0.016666667	0.0000000	0.0	Mar	1	1	2
## 1042	0.012500000	0.0000000	0.0	Mar	1	1	1
## 1043	0.006250000	0.0000000	0.0	Mar	1	1	1
## 1044	0.200000000	0.0000000	0.0	Mar	2	2	2
## 1045	0.033333333	0.0000000	0.0	Mar	2	4	4
## 1046	0.066666667	0.0000000	0.0	Mar	2	2	1
## 1047	0.066666667	0.0000000	0.0	Mar	3	2	6
## 1048	0.010416667	0.0000000	0.0	Mar	2	2	1
## 1049	0.021839080	0.0000000	0.0	Mar	2	2	4
## 1050	0.043002538	0.0000000	0.0	Mar	2	2	2
## 1051	0.026666667	0.0000000	0.0	Mar	2	2	6
## 1052	0.009523810	60.0454966	0.0	Mar	2	2	3
## 1053	0.001724138	0.0000000	0.0	Mar	2	2	1
## 1054	0.007891429	5.6986429	0.0	Mar	3	2	6
## 1055	0.055555556	0.0000000	0.0	Mar	1	1	3
## 1056	0.060000000	0.0000000	0.0	Mar	4	1	3
## 1057	0.007142857	0.0000000	0.0	Mar	1	1	1
## 1058	0.018300654	0.0000000	0.0	Mar	2	2	3
## 1059	0.066666667	0.0000000	0.0	Mar	2	6	7
## 1060	0.022972973	0.0000000	0.0	Mar	2	2	4
## 1061	0.010997732	0.0000000	0.0	Mar	4	5	1
## 1062	0.008333333	0.0000000	0.0	Mar	2	4	1
## 1063	0.066666667	0.0000000	0.0	Mar	2	2	2
## 1064	0.016913580	9.0284067	0.0	Mar	1	1	2
## 1065	0.025282904	11.7736736	0.0	Mar	3	2	3
## 1066	0.046153846	0.0000000	0.0	Mar	2	2	4
## 1067	0.014414414	0.0000000	0.0	Mar	2	2	1
## 1068	0.007692308	0.0000000	0.0	Mar	2	2	3
## 1069	0.027272727	0.0000000	0.0	Mar	1	1	3
## 1070	0.004000000	0.0000000	0.0	Mar	2	2	1
## 1071	0.066666667	0.0000000	0.0	Mar	2	2	2
## 1072	0.021666667	0.0000000	0.0	Mar	3	2	1
## 1073	0.007407407	0.0000000	0.0	Mar	4	1	1
## 1074	0.033777778	0.0000000	0.0	Mar	2	2	6
## 1075	0.038095238	0.0000000	0.0	Mar	2	5	5
## 1076	0.020000000	0.0000000	0.0	Mar	2	2	1
## 1077	0.020289855	21.9252135	0.0	Mar	2	6	6
## 1078	0.050000000	0.0000000	0.0	Mar	2	2	7
## 1079	0.014285714	0.0000000	0.0	Mar	3	2	1
## 1080	0.020000000	0.0000000	0.0	Mar	2	2	1
## 1081	0.006666667	0.0000000	0.0	Mar	3	2	5

## 1082	0.023809524	0.0000000	0.0	Mar	1	1	1
## 1083	0.095000000	0.0000000	0.0	Mar	1	1	6
## 1084	0.060000000	0.0000000	0.0	Mar	1	1	6
## 1085	0.020000000	0.0000000	0.0	Mar	2	2	1
## 1086	0.066666667	0.0000000	0.0	Mar	3	2	4
## 1087	0.013104972	0.0000000	0.0	Mar	2	10	1
## 1088	0.014583333	0.0000000	0.0	Mar	2	2	4
## 1089	0.133333333	0.0000000	0.0	Mar	3	3	1
## 1090	0.006127451	37.4181420	0.0	Mar	3	2	3
## 1091	0.007111111	33.1478492	0.0	Mar	4	2	9
## 1092	0.031944444	0.0000000	0.0	Mar	3	2	1
## 1093	0.040000000	0.0000000	0.0	Mar	1	1	2
## 1094	0.040000000	0.0000000	0.0	Mar	2	2	1
## 1095	0.007692308	0.0000000	0.0	Mar	2	2	6
## 1096	0.013333333	0.0000000	0.0	Mar	1	1	3
## 1097	0.036957672	0.0000000	0.0	Mar	2	2	1
## 1098	0.031250000	0.0000000	0.0	Mar	2	2	2
## 1099	0.048245614	0.0000000	0.0	Mar	2	2	1
## 1100	0.002222222	40.7932000	0.0	Mar	3	2	7
## 1101	0.100000000	0.0000000	0.0	Mar	1	1	1
## 1102	0.007213115	0.0000000	0.0	Mar	3	2	3
## 1103	0.200000000	0.0000000	0.0	Mar	1	2	9
## 1104	0.044615385	0.0000000	0.0	Mar	2	5	1
## 1105	0.047222222	0.0000000	0.0	Mar	2	2	1
## 1106	0.010526316	0.0000000	0.0	Mar	2	2	1
## 1107	0.200000000	0.0000000	0.0	Mar	2	2	1
## 1108	0.066666667	0.0000000	0.0	Mar	2	2	3
## 1109	0.016666667	0.0000000	0.0	Mar	1	1	4
## 1110	0.100000000	0.0000000	0.0	Mar	3	2	1
## 1111	0.007692308	0.0000000	0.0	Mar	1	1	1
## 1112	0.044444444	0.0000000	0.0	Mar	1	1	6
## 1113	0.020175439	0.0000000	0.0	Mar	2	2	6
## 1114	0.020000000	0.0000000	0.0	Mar	1	1	3
## 1115	0.020161290	14.6832452	0.0	Mar	2	5	1
## 1116	0.043002538	0.0000000	0.0	Mar	1	1	1
## 1117	0.043002538	0.0000000	0.0	Mar	2	4	5
## 1118	0.043002538	0.0000000	0.0	Mar	2	2	1
## 1119	0.043002538	0.0000000	0.0	Mar	3	2	1
## 1120	0.048235294	0.0000000	0.0	Mar	3	2	4
## 1121	0.029761905	0.0000000	0.0	Mar	2	4	2
## 1122	0.022222222	0.0000000	0.0	Mar	1	1	1
## 1123	0.001587302	0.0000000	0.0	Mar	3	2	8
## 1124	0.014285714	0.0000000	0.0	Mar	3	2	1
## 1125	0.200000000	0.0000000	0.0	Mar	2	6	1
## 1126	0.200000000	0.0000000	0.0	Mar	1	1	3
## 1127	0.016666667	12.3578472	0.0	Mar	2	5	3
## 1128	0.004395604	0.0000000	0.0	Mar	3	2	1
## 1129	0.009135204	0.0000000	0.0	Mar	2	2	8
## 1130	0.042857143	0.0000000	0.0	Mar	2	2	8
## 1131	0.007792208	0.0000000	0.0	Mar	3	2	6
## 1132	0.016666667	0.0000000	0.0	Mar	2	5	1
## 1133	0.052631579	0.0000000	0.0	Mar	2	2	5
## 1134	0.020512821	0.0000000	0.0	Mar	1	2	6
## 1135	0.021269841	0.0000000	0.0	Mar	1	1	1

## 1136	0.100000000	0.0000000	0.0	Mar	2	2	1
## 1137	0.200000000	0.0000000	0.0	Mar	1	1	1
## 1138	0.150000000	0.0000000	0.0	Mar	3	3	1
## 1139	0.037500000	0.0000000	0.0	Mar	1	1	2
## 1140	0.022794118	10.1651716	0.0	Mar	3	7	1
## 1141	0.018181818	0.0000000	0.0	Mar	1	1	6
## 1142	0.006666667	0.0000000	0.0	Mar	2	2	3
## 1143	0.025000000	0.0000000	0.0	Mar	1	1	9
## 1144	0.033333333	13.2835556	0.0	Mar	3	2	4
## 1145	0.111111111	0.0000000	0.0	Mar	1	1	1
## 1146	0.032142857	0.0000000	0.0	Mar	2	5	2
## 1147	0.021250000	0.0000000	0.0	Mar	2	2	2
## 1148	0.020000000	0.0000000	0.0	Mar	4	1	3
## 1149	0.040000000	0.0000000	0.0	Mar	1	1	3
## 1150	0.013333333	0.0000000	0.0	Mar	2	2	1
## 1151	0.033333333	0.0000000	0.0	Mar	2	4	1
## 1152	0.200000000	0.0000000	0.0	Mar	2	2	1
## 1153	0.003174603	33.4777732	0.0	Mar	2	4	7
## 1154	0.200000000	0.0000000	0.0	Mar	1	1	1
## 1155	0.006896552	0.0000000	0.0	Mar	4	1	1
## 1156	0.050000000	0.0000000	0.0	Mar	2	2	1
## 1157	0.007142857	21.0486417	0.0	Mar	2	4	2
## 1158	0.009523810	0.0000000	0.0	Mar	2	2	1
## 1159	0.036666667	0.0000000	0.0	Mar	2	2	3
## 1160	0.028571429	0.0000000	0.0	Mar	3	2	2
## 1161	0.200000000	0.0000000	0.0	Mar	2	2	1
## 1162	0.100000000	0.0000000	0.0	Mar	3	2	2
## 1163	0.007000000	19.9557230	0.0	Mar	1	2	8
## 1164	0.015873016	10.8692605	0.0	Mar	1	1	7
## 1165	0.032222222	0.0000000	0.0	Mar	1	2	1
## 1166	0.014802260	10.3704237	0.0	Mar	2	2	1
## 1167	0.033333333	0.0000000	0.0	Mar	1	1	6
## 1168	0.066666667	0.0000000	0.0	Mar	1	1	1
## 1169	0.013061325	0.1206999	0.0	Mar	2	2	1
## 1170	0.011428571	0.0000000	0.0	Mar	3	2	1
## 1171	0.029285714	0.0000000	0.0	Mar	3	2	7
## 1172	0.033333333	0.0000000	0.0	Mar	3	2	2
## 1173	0.014285714	0.0000000	0.0	Mar	2	2	6
## 1174	0.011111111	0.0000000	0.0	Mar	2	2	9
## 1175	0.024242424	0.0000000	0.0	Mar	1	8	3
## 1176	0.016666667	41.3500720	0.0	Mar	1	1	1
## 1177	0.023099415	0.0000000	0.0	Mar	4	1	1
## 1178	0.040000000	0.0000000	0.0	Mar	2	2	1
## 1179	0.020000000	0.0000000	0.0	Mar	2	4	6
## 1180	0.095238095	0.0000000	0.0	Mar	1	2	2
## 1181	0.012843137	0.0000000	0.0	Mar	2	2	4
## 1182	0.033333333	0.0000000	0.0	Mar	2	2	1
## 1183	0.005454545	0.0000000	0.0	Mar	1	1	6
## 1184	0.040000000	0.0000000	0.0	Mar	2	2	1
## 1185	0.035862069	0.0000000	0.0	Mar	3	2	6
## 1186	0.028571429	0.0000000	0.0	Mar	2	2	1
## 1187	0.033333333	0.0000000	0.0	Mar	4	1	4
## 1188	0.007407407	0.0000000	0.0	Mar	2	2	1
## 1189	0.005882353	0.0000000	0.0	Mar	2	2	3

## 1190	0.020000000	0.0000000	0.0	Mar	2	4	7
## 1191	0.018518519	0.0000000	0.0	Mar	3	2	3
## 1192	0.015384615	0.0000000	0.0	Mar	2	2	1
## 1193	0.007843137	0.0000000	0.0	Mar	1	1	1
## 1194	0.023809524	0.0000000	0.0	Mar	1	1	1
## 1195	0.066666667	0.0000000	0.0	Mar	2	4	1
## 1196	0.014285714	0.0000000	0.0	Mar	3	3	1
## 1197	0.004651163	0.0000000	0.0	Mar	2	2	1
## 1198	0.020000000	77.9600000	0.0	Mar	1	2	9
## 1199	0.016666667	0.0000000	0.0	Mar	2	2	9
## 1200	0.002083333	0.0000000	0.0	Mar	2	2	3
## 1201	0.033333333	0.0000000	0.0	Mar	2	2	6
## 1202	0.050000000	0.0000000	0.0	Mar	2	2	3
## 1203	0.008333333	0.0000000	0.0	Mar	2	2	2
## 1204	0.066666667	0.0000000	0.0	Mar	1	1	4
## 1205	0.016544567	0.0000000	0.0	Mar	2	2	3
## 1206	0.033333333	0.0000000	0.0	Mar	2	2	7
## 1207	0.029795821	0.0000000	0.0	Mar	3	2	1
## 1208	0.025378788	0.0000000	0.0	Mar	2	4	7
## 1209	0.066666667	0.0000000	0.0	Mar	1	1	6
## 1210	0.012261867	5.1506636	0.0	Mar	1	1	7
## 1211	0.040000000	0.0000000	0.0	Mar	1	1	4
## 1212	0.011515152	20.3238811	0.0	Mar	2	6	1
## 1213	0.018000000	0.0000000	0.0	Mar	1	1	1
## 1214	0.080000000	0.0000000	0.0	Mar	2	4	1
## 1215	0.200000000	0.0000000	0.0	Mar	3	2	3
## 1216	0.030952381	0.0000000	0.0	Mar	2	6	1
## 1217	0.033333333	0.0000000	0.0	Mar	4	1	3
## 1218	0.122222222	0.0000000	0.0	Mar	3	2	1
## 1219	0.100000000	0.0000000	0.0	Mar	2	4	5
## 1220	0.019531250	0.0000000	0.0	Mar	3	2	6
## 1221	0.080000000	0.0000000	0.0	Mar	3	2	1
## 1222	0.033333333	0.0000000	0.0	Mar	1	1	1
## 1223	0.066666667	0.0000000	0.0	Mar	1	1	3
## 1224	0.022222222	0.0000000	0.0	Mar	2	6	1
## 1225	0.050000000	0.0000000	0.0	Mar	2	2	6
## 1226	0.020000000	0.0000000	0.0	Mar	2	2	2
## 1227	0.016666667	0.0000000	0.0	Mar	2	2	2
## 1228	0.018181818	0.0000000	0.0	Mar	2	2	5
## 1229	0.068181818	0.0000000	0.0	Mar	2	2	1
## 1230	0.006666667	45.7504000	0.0	Mar	2	2	1
## 1231	0.002051282	27.1280420	0.0	Mar	2	10	1
## 1232	0.015416667	0.0000000	0.0	Mar	2	2	1
## 1233	0.013461538	0.0000000	0.0	Mar	4	1	1
## 1234	0.006878307	0.0000000	0.0	Mar	1	1	7
## 1235	0.013333333	0.0000000	0.0	Mar	2	10	6
## 1236	0.021052632	0.0000000	0.0	Mar	2	2	3
## 1237	0.039753086	0.0000000	0.0	Mar	2	2	1
## 1238	0.040000000	35.4900000	0.0	Mar	2	2	3
## 1239	0.035416667	0.0000000	0.0	Mar	2	2	3
## 1240	0.049509804	0.0000000	0.0	Mar	3	2	1
## 1241	0.026190476	16.3394286	0.0	Mar	3	2	1
## 1242	0.044444444	0.0000000	0.0	Mar	1	1	1
## 1243	0.006250000	0.0000000	0.0	Mar	3	2	1

##	1244	0.200000000	0.0000000	0.0	Mar	1	1	4
##	1245	0.039682540	0.0000000	0.0	Mar	3	2	3
##	1246	0.015384615	0.0000000	0.0	Mar	1	8	1
##	1247	0.016666667	0.0000000	0.0	Mar	1	1	4
##	1248	0.120000000	0.0000000	0.0	Mar	3	2	1
##	1249	0.040000000	0.0000000	0.0	Mar	2	2	4
##	1250	0.020000000	0.0000000	0.0	Mar	2	4	3
##	1251	0.003333333	0.0000000	0.0	Mar	2	2	1
##	1252	0.015384615	0.0000000	0.0	Mar	2	2	3
##	1253	0.033333333	0.0000000	0.0	Mar	2	2	1
##	1254	0.011111111	0.0000000	0.0	Mar	2	2	2
##	1255	0.007142857	0.0000000	0.0	Mar	1	1	7
##	1256	0.013636364	10.7813636	0.0	Mar	1	1	2
##	1257	0.022222222	0.0000000	0.0	Mar	2	4	6
##	1258	0.040000000	0.0000000	0.0	Mar	1	1	1
##	1259	0.005405405	0.0000000	0.0	Mar	2	2	3
##	1260	0.044351348	0.0000000	0.0	Mar	1	2	9
##	1261	0.040000000	0.0000000	0.0	Mar	2	4	1
##	1262	0.011923715	8.5674269	0.0	Mar	2	4	2
##	1263	0.008333333	0.0000000	0.0	Mar	2	2	4
##	1264	0.200000000	0.0000000	0.0	Mar	1	1	1
##	1265	0.033333333	0.0000000	0.0	Mar	2	4	7
##	1266	0.016666667	0.0000000	0.0	Mar	2	2	1
##	1267	0.100000000	0.0000000	0.0	Mar	2	2	7
##	1268	0.186666667	0.0000000	0.0	Mar	3	2	7
##	1269	0.028571429	0.0000000	0.0	Mar	4	1	3
##	1270	0.006060606	0.0000000	0.0	Mar	2	2	6
##	1271	0.035714286	0.0000000	0.0	Mar	2	2	7
##	1272	0.011111111	0.0000000	0.0	Mar	2	4	1
##	1273	0.150000000	0.0000000	0.0	Mar	3	2	3
##	1274	0.023889556	0.0000000	0.0	Mar	3	2	3
##	1275	0.066666667	0.0000000	0.0	Mar	1	2	5
##	1276	0.022222222	53.2553333	0.0	Mar	1	1	1
##	1277	0.066666667	0.0000000	0.0	Mar	2	2	6
##	1278	0.040000000	0.0000000	0.0	Mar	2	2	1
##	1279	0.011111111	0.0000000	0.0	Mar	1	1	1
##	1280	0.002293202	0.0000000	0.0	Mar	2	2	5
##	1281	0.018181818	0.0000000	0.0	Mar	2	5	1
##	1282	0.062500000	29.2432500	0.0	Mar	2	10	3
##	1283	0.160000000	0.0000000	0.0	Mar	1	10	1
##	1284	0.059722222	0.0000000	0.0	Mar	2	2	1
##	1285	0.025000000	0.0000000	0.0	Mar	3	2	3
##	1286	0.075000000	0.0000000	0.0	Mar	2	2	6
##	1287	0.050000000	0.0000000	0.0	Mar	3	2	1
##	1288	0.025438596	0.0000000	0.0	Mar	2	2	8
##	1289	0.010344828	0.0000000	0.0	Mar	2	2	3
##	1290	0.035000000	0.0000000	0.0	Mar	3	2	1
##	1291	0.023529412	0.0000000	0.0	Mar	2	2	8
##	1292	0.013333333	0.0000000	0.0	Mar	4	2	4
##	1293	0.014285714	33.4100000	0.0	Mar	2	2	1
##	1294	0.044761905	32.5783130	0.0	Mar	3	3	1
##	1295	0.200000000	0.0000000	0.0	Mar	2	2	5
##	1296	0.012878788	0.0000000	0.0	Mar	1	2	3
##	1297	0.022222222	0.0000000	0.0	Mar	1	1	1

## 1298	0.009090909	0.0000000	0.0	Mar	3	2	7
## 1299	0.013333333	27.7590493	0.0	Mar	2	2	2
## 1300	0.010000000	0.0000000	0.0	Mar	1	2	7
## 1301	0.021383648	16.9464379	0.0	Mar	2	2	3
## 1302	0.015000000	0.0000000	0.0	Mar	2	2	5
## 1303	0.020000000	0.0000000	0.0	Mar	2	6	1
## 1304	0.018181818	0.0000000	0.0	Mar	4	1	2
## 1305	0.025000000	28.0509434	0.0	Mar	2	4	1
## 1306	0.004166667	0.0000000	0.0	Mar	1	1	1
## 1307	0.033333333	0.0000000	0.0	Mar	2	2	7
## 1308	0.061818182	0.0000000	0.0	Mar	1	1	9
## 1309	0.200000000	0.0000000	0.0	Mar	1	1	1
## 1310	0.008000000	92.4822063	0.0	Mar	2	2	7
## 1311	0.023529412	0.0000000	0.0	Mar	2	2	1
## 1312	0.012500000	0.0000000	0.0	Mar	2	4	1
## 1313	0.096298701	0.0000000	0.0	Mar	3	2	8
## 1314	0.100000000	0.0000000	0.0	Mar	1	1	1
## 1315	0.025000000	4.5990000	0.0	Mar	1	1	1
## 1316	0.005279668	16.8806961	0.0	Mar	3	2	1
## 1317	0.050000000	0.0000000	0.0	Mar	2	2	2
## 1318	0.024358974	0.0000000	0.0	Mar	2	4	3
## 1319	0.018817204	0.0000000	0.0	Mar	2	4	1
## 1320	0.013333333	0.0000000	0.0	Mar	2	2	1
## 1321	0.050000000	0.0000000	0.0	Mar	1	1	1
## 1322	0.006666667	0.0000000	0.0	Mar	3	2	3
## 1323	0.010215054	0.0000000	0.0	Mar	2	6	7
## 1324	0.034959350	0.0000000	0.0	Mar	2	2	1
## 1325	0.040000000	0.0000000	0.0	Mar	2	2	2
## 1326	0.030266123	4.2892929	0.0	Mar	3	2	1
## 1327	0.016000000	0.0000000	0.0	Mar	2	2	6
## 1328	0.027575758	0.0000000	0.0	Mar	3	2	1
## 1329	0.013782051	0.0000000	0.0	Mar	1	1	8
## 1330	0.008333333	23.8332309	0.0	Mar	4	2	1
## 1331	0.015384615	0.0000000	0.0	Mar	2	2	3
## 1332	0.100000000	0.0000000	0.0	Mar	4	1	4
## 1333	0.014285714	0.0000000	0.0	Mar	1	1	1
## 1334	0.066666667	0.0000000	0.0	Mar	1	1	1
## 1335	0.014393939	0.0000000	0.0	Mar	3	2	1
## 1336	0.100000000	0.0000000	0.0	Mar	2	2	1
## 1337	0.015873016	0.0000000	0.0	Mar	3	2	3
## 1338	0.025133361	78.3456018	0.0	Mar	2	2	1
## 1339	0.200000000	0.0000000	0.0	Mar	1	2	1
## 1340	0.150000000	0.0000000	0.0	Mar	3	2	1
## 1341	0.011904762	0.0000000	0.0	Mar	2	2	1
## 1342	0.022222222	0.0000000	0.0	Mar	2	2	1
## 1343	0.008907697	6.5068314	0.0	Mar	1	1	2
## 1344	0.006857143	0.0000000	0.0	Mar	1	1	1
## 1345	0.083333333	0.0000000	0.0	Mar	3	2	3
## 1346	0.040000000	0.0000000	0.0	Mar	1	1	6
## 1347	0.011538462	2.1797308	0.0	Mar	4	2	2
## 1348	0.040000000	0.0000000	0.0	Mar	3	2	6
## 1349	0.008333333	0.0000000	0.0	Mar	4	1	1
## 1350	0.022222222	0.0000000	0.0	Mar	2	2	1
## 1351	0.005714286	0.0000000	0.0	Mar	2	5	4

## 1352	0.016666667	0.0000000	0.0	Mar	3	2	4
## 1353	0.017307692	0.0000000	0.0	Mar	2	2	7
## 1354	0.009972955	15.3000376	0.0	Mar	1	1	4
## 1355	0.050000000	0.0000000	0.0	Mar	2	2	1
## 1356	0.044444444	0.0000000	0.0	Mar	2	2	8
## 1357	0.011764706	0.0000000	0.0	Mar	2	2	4
## 1358	0.011111111	0.0000000	0.0	Mar	2	2	5
## 1359	0.006250000	0.0000000	0.0	Mar	2	2	3
## 1360	0.046984127	0.0000000	0.0	Mar	3	2	4
## 1361	0.015384615	0.0000000	0.0	Mar	2	2	7
## 1362	0.003801170	62.3481370	0.0	Mar	4	1	1
## 1363	0.200000000	0.0000000	0.0	Mar	3	2	3
## 1364	0.010673235	0.0000000	0.0	Mar	1	1	1
## 1365	0.008492896	0.0000000	0.0	Mar	2	2	1
## 1366	0.011041667	0.0000000	0.0	Mar	3	2	2
## 1367	0.033333333	0.0000000	0.0	Mar	3	2	1
## 1368	0.200000000	0.0000000	0.0	Mar	2	2	9
## 1369	0.012612613	3.8894595	0.0	Mar	2	2	7
## 1370	0.012878788	0.0000000	0.0	Mar	3	2	1
## 1371	0.050000000	0.0000000	0.0	Mar	2	2	1
## 1372	0.150000000	0.0000000	0.0	Mar	3	2	6
## 1373	0.011111111	0.0000000	0.0	Mar	3	2	1
## 1374	0.042857143	0.0000000	0.0	Mar	3	3	3
## 1375	0.011111111	0.0000000	0.0	Mar	1	1	1
## 1376	0.018181818	0.0000000	0.0	Mar	2	2	2
## 1377	0.022222222	0.0000000	0.0	Mar	2	2	3
## 1378	0.004545455	0.0000000	0.0	Mar	3	2	6
## 1379	0.003921569	0.0000000	0.0	Mar	1	1	1
## 1380	0.150000000	0.0000000	0.0	Mar	2	10	3
## 1381	0.116666667	0.0000000	0.0	Mar	3	2	1
## 1382	0.010526316	0.0000000	0.0	Mar	3	2	3
## 1383	0.030128205	0.0000000	0.0	Mar	2	2	4
## 1384	0.200000000	0.0000000	0.0	Mar	2	4	3
## 1385	0.007692308	60.2901845	0.0	Mar	2	5	3
## 1386	0.012500000	0.0000000	0.0	Mar	3	2	1
## 1387	0.083333333	26.6613333	0.0	Mar	3	2	1
## 1388	0.013333333	0.0000000	0.0	Mar	2	2	1
## 1389	0.028571429	0.0000000	0.0	Mar	2	2	1
## 1390	0.033333333	0.0000000	0.0	Mar	3	3	1
## 1391	0.075000000	0.0000000	0.0	Mar	2	4	2
## 1392	0.035507246	0.0000000	0.0	Mar	3	2	3
## 1393	0.033333333	0.0000000	0.0	Mar	2	2	1
## 1394	0.044444444	0.0000000	0.0	Mar	3	2	3
## 1395	0.015384615	64.6000000	0.0	Mar	1	1	7
## 1396	0.012500000	20.2615568	0.0	Mar	2	4	2
## 1397	0.011764706	0.0000000	0.0	Mar	1	1	1
## 1398	0.025000000	0.0000000	0.0	Mar	2	4	1
## 1399	0.014693878	0.0000000	0.0	Mar	3	2	6
## 1400	0.023809524	10.2318730	0.0	Mar	2	2	3
## 1401	0.025000000	0.0000000	0.0	Mar	3	2	4
## 1402	0.040000000	0.0000000	0.0	Mar	2	5	2
## 1403	0.033333333	0.0000000	0.0	Mar	3	2	6
## 1404	0.018181818	74.0880000	0.0	Mar	1	1	1
## 1405	0.013333333	0.0000000	0.0	Mar	2	2	2

## 1406	0.114285714	0.0000000	0.0	Mar	2	2	1
## 1407	0.014285714	22.8890865	0.0	Mar	1	1	1
## 1408	0.100000000	0.0000000	0.0	Mar	3	2	3
## 1409	0.042857143	0.0000000	0.0	Mar	2	2	1
## 1410	0.009615385	0.0000000	0.0	Mar	2	4	4
## 1411	0.058571429	0.0000000	0.0	Mar	1	1	3
## 1412	0.010513320	0.0000000	0.0	Mar	2	4	3
## 1413	0.041140351	0.0000000	0.0	Mar	2	2	3
## 1414	0.050000000	0.0000000	0.0	Mar	3	2	3
## 1415	0.049312469	0.0000000	0.0	Mar	2	2	3
## 1416	0.057142857	0.0000000	0.0	Mar	1	2	4
## 1417	0.008928571	0.0000000	0.0	Mar	2	4	1
## 1418	0.100000000	0.0000000	0.0	Mar	2	2	9
## 1419	0.018148931	14.3220000	0.0	Mar	2	2	6
## 1420	0.014436090	10.9348246	0.0	Mar	2	2	2
## 1421	0.100000000	0.0000000	0.0	Mar	2	2	2
## 1422	0.045714286	0.0000000	0.0	Mar	1	1	6
## 1423	0.200000000	0.0000000	0.0	Mar	3	2	4
## 1424	0.044444444	0.0000000	0.0	Mar	1	2	9
## 1425	0.066666667	0.0000000	0.0	Mar	1	1	1
## 1426	0.010000000	0.0000000	0.0	Mar	2	2	4
## 1427	0.022000000	0.0000000	0.0	Mar	3	2	1
## 1428	0.019047619	9.5430603	0.0	Mar	2	2	3
## 1429	0.003875969	0.0000000	0.0	Mar	2	2	7
## 1430	0.042528736	0.0000000	0.0	Mar	2	5	2
## 1431	0.028070175	0.0000000	0.0	Mar	2	2	1
## 1432	0.065333333	0.0000000	0.0	Mar	3	2	4
## 1433	0.015942029	13.6346332	0.0	Mar	1	1	1
## 1434	0.001242236	0.0000000	0.0	Mar	2	2	8
## 1435	0.050000000	0.0000000	0.0	Mar	3	2	1
## 1436	0.039007092	13.1032624	0.0	Mar	2	2	6
## 1437	0.025000000	0.0000000	0.0	Mar	2	7	7
## 1438	0.016666667	0.0000000	0.0	Mar	1	1	1
## 1439	0.043333333	0.0000000	0.0	Mar	2	2	3
## 1440	0.010160428	13.6051201	0.0	Mar	2	2	1
## 1441	0.006628788	0.0000000	0.0	Mar	2	2	3
## 1442	0.037500000	0.0000000	0.0	Mar	1	1	4
## 1443	0.043002538	0.0000000	0.0	Mar	2	2	1
## 1444	0.043002538	0.0000000	0.0	Mar	1	1	6
## 1445	0.043002538	0.0000000	0.0	Mar	2	2	3
## 1446	0.043002538	0.0000000	0.0	Mar	1	1	2
## 1447	0.012820513	0.0000000	0.0	Mar	2	2	3
## 1448	0.022222222	0.0000000	0.0	Mar	2	2	7
## 1449	0.020349845	15.0332813	0.0	Mar	2	5	6
## 1450	0.076190476	0.0000000	0.0	Mar	3	2	1
## 1451	0.024000000	0.0000000	0.0	Mar	2	2	3
## 1452	0.004444444	0.0000000	0.0	Mar	2	2	3
## 1453	0.140000000	0.0000000	0.0	Mar	3	2	3
## 1454	0.007847222	11.4546944	0.0	Mar	1	1	1
## 1455	0.012500000	0.0000000	0.0	Mar	2	2	3
## 1456	0.040000000	0.0000000	0.0	Mar	2	2	1
## 1457	0.015338753	39.0358043	0.0	Mar	2	4	1
## 1458	0.025000000	0.0000000	0.0	Mar	2	2	1
## 1459	0.007407407	0.0000000	0.0	Mar	1	1	1

## 1460	0.020967742	14.8921084	0.0	Mar	2	2	7
## 1461	0.010714286	261.4912857	0.0	Mar	2	2	1
## 1462	0.023333333	0.0000000	0.0	Mar	2	2	7
## 1463	0.100000000	0.0000000	0.0	Mar	2	2	1
## 1464	0.007709751	0.0000000	0.0	Mar	3	2	7
## 1465	0.022304507	0.0000000	0.0	Mar	3	2	3
## 1466	0.015153664	0.0000000	0.0	Mar	2	5	6
## 1467	0.010784314	22.9641176	0.0	Mar	2	2	1
## 1468	0.200000000	0.0000000	0.0	Mar	2	2	7
## 1469	0.021080839	0.0000000	0.0	Mar	3	3	8
## 1470	0.011330049	0.0000000	0.0	Mar	2	4	1
## 1471	0.200000000	0.0000000	0.0	Mar	2	2	3
## 1472	0.142857143	0.0000000	0.0	Mar	3	2	8
## 1473	0.026666667	0.0000000	0.0	Mar	2	2	7
## 1474	0.020000000	0.0000000	0.0	Mar	2	2	6
## 1475	0.050000000	0.0000000	0.0	Mar	1	1	2
## 1476	0.100000000	0.0000000	0.0	Mar	2	2	3
## 1477	0.067972350	0.0000000	0.0	Mar	1	1	9
## 1478	0.021250000	33.3279681	0.0	Mar	2	2	3
## 1479	0.013800705	0.0000000	0.0	Mar	2	2	5
## 1480	0.025000000	0.0000000	0.0	Mar	1	1	3
## 1481	0.005319149	18.9532340	0.0	Mar	2	2	3
## 1482	0.020450450	19.3654955	0.0	Mar	2	2	1
## 1483	0.023611111	0.0000000	0.0	Mar	2	5	8
## 1484	0.060000000	0.0000000	0.0	Mar	2	2	1
## 1485	0.024843206	8.6317195	0.0	Mar	2	5	2
## 1486	0.011764706	0.0000000	0.0	Mar	2	5	1
## 1487	0.200000000	0.0000000	0.0	Mar	3	2	1
## 1488	0.010912698	12.0921619	0.0	Mar	2	2	6
## 1489	0.016428571	0.0000000	0.0	Mar	1	1	6
## 1490	0.008333333	0.0000000	0.0	Mar	1	2	8
## 1491	0.015384615	0.0000000	0.0	Mar	3	2	1
## 1492	0.018181818	0.0000000	0.0	Mar	3	2	1
## 1493	0.056282051	0.0000000	0.0	Mar	4	2	1
## 1494	0.031007752	0.0000000	0.0	Mar	2	2	6
## 1495	0.016000000	0.0000000	0.0	Mar	3	2	1
## 1496	0.002500000	0.0000000	0.0	Mar	2	2	7
## 1497	0.015476190	10.8444074	0.0	Mar	2	2	2
## 1498	0.030000000	3.8105753	0.0	Mar	2	2	7
## 1499	0.005128205	0.0000000	0.0	Mar	2	4	2
## 1500	0.050000000	0.0000000	0.0	Mar	2	2	6
## 1501	0.040000000	0.0000000	0.0	Mar	2	4	3
## 1502	0.028571429	0.0000000	0.0	Mar	3	2	3
## 1503	0.050000000	0.0000000	0.0	Mar	2	2	1
## 1504	0.035294118	0.0000000	0.0	Mar	2	5	1
## 1505	0.045098039	0.0000000	0.0	Mar	1	1	1
## 1506	0.025000000	0.0000000	0.0	Mar	2	2	3
## 1507	0.021969697	11.1234212	0.0	Mar	2	2	3
## 1508	0.029629630	0.0000000	0.0	Mar	2	2	2
## 1509	0.010256410	0.0000000	0.0	Mar	2	2	1
## 1510	0.034615385	0.0000000	0.0	Mar	2	2	6
## 1511	0.009090177	0.0000000	0.0	Mar	2	2	2
## 1512	0.020139373	9.4011366	0.0	Mar	2	4	2
## 1513	0.003225806	0.0000000	0.0	Mar	1	1	3

## 1514	0.020000000	0.0000000	0.0	Mar	2	2	1
## 1515	0.015909091	0.0000000	0.0	Mar	2	2	1
## 1516	0.020000000	0.0000000	0.0	Mar	2	2	3
## 1517	0.016666667	0.0000000	0.0	Mar	1	1	1
## 1518	0.029004329	0.0000000	0.0	Mar	1	1	1
## 1519	0.009523810	0.0000000	0.0	Mar	2	2	1
## 1520	0.016666667	0.0000000	0.0	Mar	1	1	1
## 1521	0.001666667	27.3063666	0.0	Mar	1	1	1
## 1522	0.022222222	0.0000000	0.0	Mar	2	2	1
## 1523	0.006138614	0.0000000	0.0	Mar	2	5	1
## 1524	0.016666667	0.0000000	0.0	Mar	2	2	2
## 1525	0.012980564	0.0000000	0.0	Mar	2	5	2
## 1526	0.028571429	0.0000000	0.0	Mar	2	2	1
## 1527	0.050000000	0.0000000	0.0	Mar	2	5	1
## 1528	0.032063492	0.0000000	0.0	Mar	1	1	1
## 1529	0.200000000	0.0000000	0.0	Mar	2	2	2
## 1530	0.028571429	0.0000000	0.0	Mar	2	2	9
## 1531	0.150000000	0.0000000	0.0	Mar	2	2	1
## 1532	0.019047619	0.0000000	0.0	Mar	1	1	1
## 1533	0.003571429	20.9183164	0.0	Mar	1	1	1
## 1534	0.024545455	0.0000000	0.0	Mar	3	2	4
## 1535	0.033333333	49.8233333	0.0	Mar	2	2	4
## 1536	0.033333333	0.0000000	0.0	Mar	2	2	5
## 1537	0.066666667	0.0000000	0.0	Mar	3	2	8
## 1538	0.022222222	0.0000000	0.0	Mar	2	4	3
## 1539	0.077777778	0.0000000	0.0	Mar	3	2	1
## 1540	0.004761905	60.1947794	0.0	Mar	2	5	9
## 1541	0.014311471	7.7538802	0.0	Mar	2	2	1
## 1542	0.024266667	0.0000000	0.0	Mar	4	1	1
## 1543	0.005555556	0.0000000	0.0	Mar	2	2	3
## 1544	0.200000000	0.0000000	0.0	Mar	2	2	7
## 1545	0.001058201	0.0000000	0.0	Mar	2	2	1
## 1546	0.020000000	0.0000000	0.0	Mar	3	2	1
## 1547	0.002493853	54.9512691	0.0	Mar	2	2	1
## 1548	0.014285714	0.0000000	0.0	Mar	2	2	1
## 1549	0.075000000	0.0000000	0.0	Mar	1	1	4
## 1550	0.008959900	4.7457368	0.0	Mar	1	1	1
## 1551	0.045833333	0.0000000	0.0	Mar	1	1	1
## 1552	0.014285714	0.0000000	0.0	Mar	3	2	7
## 1553	0.100000000	0.0000000	0.0	Mar	2	2	4
## 1554	0.059523810	19.5349550	0.0	Mar	2	6	3
## 1555	0.040000000	0.0000000	0.0	Mar	3	2	1
## 1556	0.040000000	0.0000000	0.0	Mar	2	2	1
## 1557	0.028571429	0.0000000	0.0	Mar	2	4	5
## 1558	0.100000000	0.0000000	0.0	Mar	3	2	4
## 1559	0.024274100	3.9782764	0.0	Mar	2	2	7
## 1560	0.040000000	0.0000000	0.0	Mar	1	1	6
## 1561	0.015097222	0.0000000	0.0	Mar	3	2	7
## 1562	0.045614035	0.0000000	0.0	Mar	2	2	1
## 1563	0.028571429	0.0000000	0.0	Mar	2	2	1
## 1564	0.005555556	0.0000000	0.0	Mar	1	1	2
## 1565	0.050000000	0.0000000	0.0	Mar	1	1	4
## 1566	0.055591398	0.0000000	0.0	Mar	2	2	7
## 1567	0.066666667	0.0000000	0.0	Mar	2	2	1

## 1568	0.030952381	0.0000000	0.0	Mar	2	2	3
## 1569	0.053333333	0.0000000	0.0	Mar	1	2	3
## 1570	0.005090909	0.0000000	0.0	Mar	2	2	9
## 1571	0.100000000	0.0000000	0.0	Mar	2	2	3
## 1572	0.025000000	0.0000000	0.0	Mar	2	2	6
## 1573	0.017422643	20.3043895	0.0	Mar	1	2	1
## 1574	0.069565217	0.0000000	0.0	Mar	2	2	3
## 1575	0.018918919	0.0000000	0.0	Mar	2	2	3
## 1576	0.006250000	0.0000000	0.0	Mar	1	1	1
## 1577	0.200000000	0.0000000	0.0	Mar	2	2	6
## 1578	0.011753515	6.4759102	0.0	Mar	3	2	2
## 1579	0.080000000	0.0000000	0.0	Mar	1	1	7
## 1580	0.125000000	0.0000000	0.0	Mar	2	2	1
## 1581	0.100000000	0.0000000	0.0	Mar	2	2	2
## 1582	0.066666667	0.0000000	0.0	Mar	4	1	8
## 1583	0.007142857	0.0000000	0.0	Mar	2	4	1
## 1584	0.024074074	0.0000000	0.0	Mar	1	2	7
## 1585	0.013513514	0.0000000	0.0	Mar	2	2	1
## 1586	0.014086022	0.0000000	0.0	Mar	2	2	3
## 1587	0.001346801	0.0000000	0.0	Mar	2	2	3
## 1588	0.200000000	0.0000000	0.0	Mar	3	3	1
## 1589	0.027915633	24.1307312	0.0	Mar	2	2	4
## 1590	0.013333333	0.0000000	0.0	Mar	1	1	4
## 1591	0.042857143	0.0000000	0.0	Mar	3	2	1
## 1592	0.120000000	0.0000000	0.0	Mar	2	2	5
## 1593	0.008095238	0.0000000	0.0	Mar	3	2	1
## 1594	0.200000000	0.0000000	0.0	Mar	2	2	1
## 1595	0.010256410	0.0000000	0.0	Mar	2	2	3
## 1596	0.008695652	0.0000000	0.0	Mar	2	2	1
## 1597	0.013636364	0.0000000	0.0	Mar	4	2	1
## 1598	0.017391304	0.0000000	0.0	Mar	2	2	1
## 1599	0.011111111	0.0000000	0.0	Mar	3	2	1
## 1600	0.044444444	0.0000000	0.0	Mar	2	2	1
## 1601	0.100000000	0.0000000	0.0	Mar	2	4	3
## 1602	0.023333333	29.3562978	0.0	Mar	2	2	1
## 1603	0.031515152	0.0000000	0.0	Mar	2	2	1
## 1604	0.025000000	81.2475000	0.0	Mar	1	1	2
## 1605	0.150000000	0.0000000	0.0	Mar	3	3	7
## 1606	0.004761905	0.0000000	0.0	Mar	3	6	1
## 1607	0.025000000	0.0000000	0.0	Mar	3	2	4
## 1608	0.004761905	0.0000000	0.0	Mar	3	2	3
## 1609	0.060000000	0.0000000	0.0	Mar	2	2	2
## 1610	0.019931973	33.1451429	0.0	Mar	3	2	1
## 1611	0.039110006	0.0000000	0.0	Mar	2	4	3
## 1612	0.000586510	0.0000000	0.0	Mar	2	2	1
## 1613	0.025541275	7.3716826	0.0	Mar	3	2	3
## 1614	0.001190476	0.0000000	0.0	Mar	1	1	3
## 1615	0.020000000	0.0000000	0.0	Mar	1	1	1
## 1616	0.011019900	0.0000000	0.0	Mar	2	6	1
## 1617	0.028571429	0.0000000	0.0	Mar	2	2	4
## 1618	0.006250000	0.0000000	0.0	Mar	2	2	7
## 1619	0.038738739	0.0000000	0.0	Mar	2	2	1
## 1620	0.150000000	0.0000000	0.0	Mar	3	2	1
## 1621	0.044155844	7.9458055	0.0	Mar	2	5	9

## 1622	0.044444444	0.0000000	0.0	Mar	2	10	1
## 1623	0.016000000	0.0000000	0.0	Mar	2	2	3
## 1624	0.066666667	0.0000000	0.0	Mar	3	2	1
## 1625	0.007142857	0.0000000	0.0	Mar	3	2	1
## 1626	0.033333333	0.0000000	0.0	Mar	2	2	7
## 1627	0.040000000	0.0000000	0.0	Mar	1	1	1
## 1628	0.050000000	0.0000000	0.0	Mar	2	2	9
## 1629	0.050000000	0.0000000	0.0	Mar	3	2	1
## 1630	0.003517665	0.0000000	0.0	Mar	1	1	1
## 1631	0.004813218	30.8979850	0.0	Mar	2	2	1
## 1632	0.032413793	0.0000000	0.0	Mar	2	2	3
## 1633	0.010000000	15.4334400	0.0	Mar	1	1	1
## 1634	0.023333333	0.0000000	0.0	Mar	2	2	1
## 1635	0.004166667	18.0253300	0.0	Mar	2	4	1
## 1636	0.003571429	0.0000000	0.0	Mar	3	2	4
## 1637	0.040000000	0.0000000	0.0	Mar	3	2	8
## 1638	0.046428571	0.0000000	0.0	Mar	2	2	3
## 1639	0.002985075	80.6806286	0.0	Mar	2	2	4
## 1640	0.020000000	0.0000000	0.0	Mar	2	2	1
## 1641	0.012500000	0.0000000	0.0	Mar	2	2	1
## 1642	0.036363636	0.0000000	0.0	Mar	1	1	4
## 1643	0.050000000	0.0000000	0.0	Mar	2	2	3
## 1644	0.001960784	0.0000000	0.0	Mar	1	1	3
## 1645	0.013000000	0.0000000	0.0	Mar	2	5	1
## 1646	0.041975309	0.0000000	0.0	Mar	2	2	3
## 1647	0.020000000	0.0000000	0.0	Mar	2	2	2
## 1648	0.005333333	0.0000000	0.0	Mar	3	2	1
## 1649	0.052631579	0.0000000	0.0	Mar	2	5	7
## 1650	0.120000000	0.0000000	0.0	Mar	2	2	7
## 1651	0.002469136	0.0000000	0.0	Mar	2	5	9
## 1652	0.004761905	0.0000000	0.0	Mar	2	4	1
## 1653	0.025000000	0.0000000	0.0	Mar	1	1	1
## 1654	0.016666667	0.0000000	0.0	Mar	2	2	1
## 1655	0.057142857	0.0000000	0.0	Mar	2	2	3
## 1656	0.066666667	0.0000000	0.0	Mar	2	4	3
## 1657	0.019615385	0.0000000	0.0	Mar	3	2	2
## 1658	0.100000000	0.0000000	0.0	Mar	2	2	6
## 1659	0.040000000	0.0000000	0.0	Mar	2	2	7
## 1660	0.100000000	0.0000000	0.0	Mar	2	4	3
## 1661	0.031578947	0.0000000	0.0	Mar	4	2	1
## 1662	0.075000000	0.0000000	0.0	Mar	2	2	1
## 1663	0.021052632	76.7866766	0.0	Mar	2	2	6
## 1664	0.020270270	0.0000000	0.0	Mar	2	4	3
## 1665	0.023076923	0.0000000	0.0	Mar	3	2	3
## 1666	0.017391304	0.0000000	0.0	Mar	2	4	7
## 1667	0.066666667	0.0000000	0.0	Mar	1	1	3
## 1668	0.033333333	0.0000000	0.0	Mar	3	2	1
## 1669	0.011111111	0.0000000	0.0	Mar	3	2	1
## 1670	0.030612245	0.0000000	0.0	Mar	3	2	1
## 1671	0.001754386	0.0000000	0.0	Mar	2	2	4
## 1672	0.041666667	0.0000000	0.0	Mar	2	2	9
## 1673	0.031481481	0.0000000	0.0	Mar	1	1	1
## 1674	0.057142857	0.0000000	0.0	Mar	2	2	2
## 1675	0.028282828	39.6327031	0.0	Mar	2	2	4

## 1676	0.009195402	0.0000000	0.0	Mar	1	1	7
## 1677	0.040476190	0.0000000	0.0	Mar	2	2	9
## 1678	0.133333333	0.0000000	0.0	Mar	3	2	3
## 1679	0.020000000	0.0000000	0.0	Mar	1	1	1
## 1680	0.007142857	0.0000000	0.0	Mar	2	5	1
## 1681	0.061538462	0.0000000	0.0	Mar	2	2	8
## 1682	0.080000000	0.0000000	0.0	Mar	2	2	1
## 1683	0.025000000	0.0000000	0.0	Mar	2	2	1
## 1684	0.053333333	0.0000000	0.0	Mar	2	2	6
## 1685	0.026666667	52.7005214	0.0	Mar	3	2	1
## 1686	0.066666667	0.0000000	0.0	Mar	3	2	1
## 1687	0.007142857	0.0000000	0.0	Mar	2	2	1
## 1688	0.006779661	7.2720678	0.0	Mar	2	2	7
## 1689	0.016666667	0.0000000	0.0	Mar	2	2	2
## 1690	0.002631579	0.0000000	0.0	Mar	3	2	2
## 1691	0.150000000	0.0000000	0.0	Mar	2	2	1
## 1692	0.006060606	10.6344980	0.0	Mar	1	1	1
## 1693	0.033333333	0.0000000	0.0	Mar	1	2	8
## 1694	0.016248380	0.0000000	0.0	Mar	1	1	2
## 1695	0.200000000	0.0000000	0.0	Mar	3	2	2
## 1696	0.100000000	0.0000000	0.0	Mar	1	1	4
## 1697	0.017760943	35.9810660	0.0	Mar	3	2	3
## 1698	0.026000000	14.1005333	0.0	Mar	2	4	8
## 1699	0.093750000	0.0000000	0.0	Mar	2	4	3
## 1700	0.014285714	0.0000000	0.0	Mar	2	2	1
## 1701	0.007142857	0.0000000	0.0	Mar	3	2	7
## 1702	0.008148148	0.0000000	0.0	Mar	1	1	1
## 1703	0.050000000	0.0000000	0.0	Mar	1	1	1
## 1704	0.023222222	5.4176444	0.0	Mar	2	2	1
## 1705	0.017460317	27.0779167	0.0	Mar	3	2	3
## 1706	0.050000000	0.0000000	0.0	Mar	3	2	4
## 1707	0.100000000	0.0000000	0.0	Mar	3	2	8
## 1708	0.102564103	0.0000000	0.0	Mar	1	1	3
## 1709	0.012916667	0.0000000	0.0	Mar	2	2	1
## 1710	0.021186441	0.0000000	0.0	Mar	2	2	6
## 1711	0.011111111	0.0000000	0.0	Mar	3	2	7
## 1712	0.025000000	0.0000000	0.0	Mar	2	2	7
## 1713	0.017877551	0.0000000	0.0	Mar	2	2	1
## 1714	0.042857143	0.0000000	0.0	Mar	2	2	3
## 1715	0.041666667	0.0000000	0.0	Mar	2	2	7
## 1716	0.061111111	0.0000000	0.0	Mar	1	2	8
## 1717	0.017066636	0.0000000	0.0	Mar	3	2	4
## 1718	0.006818182	0.0000000	0.0	Mar	4	1	4
## 1719	0.010389610	0.0000000	0.0	Mar	3	2	2
## 1720	0.100000000	0.0000000	0.0	Mar	3	2	2
## 1721	0.016000000	0.0000000	0.0	Mar	2	2	1
## 1722	0.010000000	0.0000000	0.0	Mar	2	2	5
## 1723	0.050000000	0.0000000	0.0	Mar	3	3	1
## 1724	0.015384615	0.0000000	0.0	Mar	3	2	9
## 1725	0.005128205	0.0000000	0.0	Mar	2	2	2
## 1726	0.033333333	0.0000000	0.0	Mar	2	2	1
## 1727	0.026580162	1.7050672	0.0	Mar	1	1	4
## 1728	0.015030864	0.0000000	0.0	Mar	3	2	1
## 1729	0.100000000	0.0000000	0.0	Mar	2	2	1

## 1730	0.034761905	0.0000000	0.0	Mar	2	2	2
## 1731	0.009090909	0.0000000	0.0	Mar	4	1	1
## 1732	0.046153846	0.0000000	0.0	Mar	2	2	1
## 1733	0.075000000	0.0000000	0.0	Mar	3	2	6
## 1734	0.016666667	0.0000000	0.0	Mar	2	2	3
## 1735	0.017777778	0.0000000	0.0	Mar	2	2	1
## 1736	0.016666667	18.2099565	0.0	Mar	2	2	7
## 1737	0.005853659	0.0000000	0.0	Mar	2	2	3
## 1738	0.042857143	0.0000000	0.0	Mar	4	1	1
## 1739	0.007575758	16.5631455	0.0	Mar	2	2	7
## 1740	0.039682540	14.2564835	0.0	Mar	3	2	2
## 1741	0.012500000	0.0000000	0.0	Mar	3	2	1
## 1742	0.017724868	7.1414286	0.0	Mar	3	2	7
## 1743	0.050000000	0.0000000	0.0	Mar	1	1	1
## 1744	0.005797101	0.0000000	0.0	Mar	2	2	2
## 1745	0.005405405	27.2386620	0.0	Mar	2	10	2
## 1746	0.002777778	13.6263061	0.0	Mar	2	2	1
## 1747	0.019210526	0.0000000	0.0	Mar	2	2	1
## 1748	0.029166667	0.0000000	0.0	Mar	3	2	1
## 1749	0.017241379	0.0000000	0.0	Mar	1	2	6
## 1750	0.061904762	0.0000000	0.0	Mar	2	6	1
## 1751	0.007230392	11.4846177	0.0	Mar	3	2	1
## 1752	0.018181818	10.9130002	0.0	Mar	2	5	1
## 1753	0.008333333	0.0000000	0.0	Mar	2	2	1
## 1754	0.010451977	85.7528587	0.0	Mar	2	2	2
## 1755	0.041915584	0.0000000	0.0	Mar	2	2	1
## 1756	0.033333333	0.0000000	0.0	Mar	1	1	1
## 1757	0.100000000	0.0000000	0.0	Mar	2	5	6
## 1758	0.019282953	0.0000000	0.0	Mar	2	2	8
## 1759	0.050000000	0.0000000	0.0	Mar	2	2	1
## 1760	0.200000000	0.0000000	0.0	Mar	2	2	2
## 1761	0.030876623	0.0000000	0.0	Mar	2	4	1
## 1762	0.020000000	0.0000000	0.0	Mar	3	2	1
## 1763	0.003333333	0.0000000	0.0	Mar	2	2	1
## 1764	0.100000000	0.0000000	0.0	Mar	2	2	6
## 1765	0.008695652	0.0000000	0.0	Mar	2	2	1
## 1766	0.022222222	0.0000000	0.0	Mar	1	1	2
## 1767	0.040000000	0.0000000	0.0	Mar	2	5	1
## 1768	0.061818182	0.0000000	0.0	Mar	3	2	1
## 1769	0.016666667	0.0000000	0.0	Mar	3	2	2
## 1770	0.038095238	0.0000000	0.0	Mar	2	2	3
## 1771	0.040000000	0.0000000	0.0	Mar	2	4	9
## 1772	0.066666667	0.0000000	0.0	Mar	2	4	9
## 1773	0.005797101	0.0000000	0.0	Mar	3	2	3
## 1774	0.013333333	0.0000000	0.0	Mar	2	2	1
## 1775	0.050000000	0.0000000	0.0	Mar	2	2	9
## 1776	0.018666667	40.7612800	0.0	Mar	2	2	3
## 1777	0.050000000	0.0000000	0.0	Mar	2	2	1
## 1778	0.100000000	0.0000000	0.0	Mar	3	2	1
## 1779	0.023502304	7.9646495	0.0	Mar	2	6	7
## 1780	0.016666667	0.0000000	0.0	Mar	1	1	7
## 1781	0.150000000	0.0000000	0.0	Mar	2	5	4
## 1782	0.100000000	0.0000000	0.0	Mar	2	2	2
## 1783	0.060000000	0.0000000	0.0	Mar	3	2	2

## 1784	0.028000000	0.0000000	0.0	Mar	2	2	1
## 1785	0.100000000	0.0000000	0.0	Mar	2	2	9
## 1786	0.003846154	0.0000000	0.0	Mar	2	2	3
## 1787	0.004594595	0.0000000	0.0	Mar	2	2	6
## 1788	0.034403292	12.5522074	0.0	Mar	1	1	3
## 1789	0.004013317	0.0000000	0.0	Mar	2	5	6
## 1790	0.043712341	3.3323333	0.0	Mar	1	1	1
## 1791	0.011111111	0.0000000	0.0	Mar	3	2	2
## 1792	0.027058824	0.0000000	0.0	Mar	2	2	2
## 1793	0.009375000	50.6649830	0.0	Mar	4	1	4
## 1794	0.028571429	0.0000000	0.0	Mar	2	2	1
## 1795	0.009523810	0.0000000	0.0	Mar	2	2	4
## 1796	0.025000000	0.0000000	0.0	Mar	2	5	1
## 1797	0.027160494	0.0000000	0.0	Mar	2	2	4
## 1798	0.009090909	0.0000000	0.0	Mar	2	4	1
## 1799	0.026428571	2.3976000	0.0	Mar	3	2	7
## 1800	0.031481481	0.0000000	0.0	Mar	1	1	1
## 1801	0.021511104	6.9382354	0.0	Mar	2	2	1
## 1802	0.100000000	0.0000000	0.0	Mar	2	2	9
## 1803	0.025000000	0.0000000	0.0	Mar	2	2	5
## 1804	0.023423423	0.0000000	0.0	Mar	2	4	3
## 1805	0.014666667	39.7173000	0.0	Mar	2	2	1
## 1806	0.100000000	0.0000000	0.0	Mar	2	2	1
## 1807	0.031111111	0.0000000	0.0	Mar	2	4	1
## 1808	0.008000000	19.9258494	0.0	Mar	4	2	2
## 1809	0.039251601	0.0000000	0.0	Mar	2	2	6
## 1810	0.016666667	0.0000000	0.0	Mar	2	2	1
## 1811	0.015384615	0.0000000	0.0	Mar	1	1	1
## 1812	0.030769231	0.0000000	0.0	Mar	2	4	4
## 1813	0.100000000	0.0000000	0.0	Mar	2	2	1
## 1814	0.010365854	30.0928134	0.0	Mar	2	2	7
## 1815	0.012500000	0.0000000	0.0	Mar	3	2	2
## 1816	0.055555556	0.0000000	0.0	Mar	2	2	6
## 1817	0.025000000	0.0000000	0.0	Mar	1	1	1
## 1818	0.010905045	6.4678317	0.0	Mar	2	2	3
## 1819	0.013461538	31.5464274	0.0	Mar	3	2	1
## 1820	0.003225806	0.0000000	0.0	Mar	2	2	7
## 1821	0.011111111	0.0000000	0.0	Mar	1	1	1
## 1822	0.020000000	0.0000000	0.0	Mar	2	2	1
## 1823	0.005555556	44.7110344	0.0	Mar	2	4	3
## 1824	0.005158730	0.0000000	0.0	Mar	3	2	1
## 1825	0.014285714	0.0000000	0.0	Mar	2	2	6
## 1826	0.066666667	0.0000000	0.0	Mar	3	2	1
## 1827	0.008000000	0.0000000	0.0	Mar	2	6	6
## 1828	0.065189145	0.0000000	0.0	Mar	2	2	1
## 1829	0.042857143	0.0000000	0.0	Mar	2	2	7
## 1830	0.012500000	0.0000000	0.0	Mar	3	2	9
## 1831	0.066666667	0.0000000	0.0	Mar	2	2	1
## 1832	0.025000000	0.0000000	0.0	Mar	3	2	1
## 1833	0.047107438	0.0000000	0.0	Mar	1	1	2
## 1834	0.054166667	0.0000000	0.0	Mar	2	2	4
## 1835	0.028571429	0.0000000	0.0	Mar	2	4	3
## 1836	0.012941176	10.3216607	0.0	Mar	2	2	1
## 1837	0.012000000	0.0000000	0.0	Mar	2	2	2

## 1838	0.007603276	0.0000000	0.0	Mar	1	1	1
## 1839	0.071428571	0.0000000	0.0	Mar	2	2	2
## 1840	0.020767196	0.0000000	0.0	Mar	4	1	3
## 1841	0.100000000	0.0000000	0.0	Mar	4	2	1
## 1842	0.005367521	0.0000000	0.0	Mar	3	2	1
## 1843	0.012500000	0.0000000	0.0	Mar	1	1	3
## 1844	0.031111111	0.0000000	0.0	Mar	2	4	3
## 1845	0.037464387	9.9383992	0.0	Mar	1	1	1
## 1846	0.022222222	0.0000000	0.0	Mar	3	2	5
## 1847	0.016666667	0.0000000	0.0	Mar	2	2	1
## 1848	0.146666667	0.0000000	0.0	Mar	1	1	3
## 1849	0.009090909	0.0000000	0.0	Mar	2	2	7
## 1850	0.008333333	0.0000000	0.0	Mar	2	2	7
## 1851	0.200000000	0.0000000	0.0	Mar	2	2	5
## 1852	0.004761905	0.0000000	0.0	Mar	2	2	1
## 1853	0.021974359	1.6601182	0.0	Mar	3	2	7
## 1854	0.002272727	0.0000000	0.0	Mar	2	2	1
## 1855	0.100000000	0.0000000	0.0	Mar	2	4	2
## 1856	0.050000000	0.0000000	0.0	Mar	2	2	9
## 1857	0.003461538	0.0000000	0.0	Mar	1	1	3
## 1858	0.200000000	0.0000000	0.0	Mar	3	2	6
## 1859	0.041333333	0.0000000	0.0	Mar	2	2	1
## 1860	0.050000000	0.0000000	0.0	Mar	2	2	1
## 1861	0.100000000	0.0000000	0.0	Mar	1	1	1
## 1862	0.037575758	0.0000000	0.0	Mar	2	2	3
## 1863	0.009722222	39.6553816	0.0	Mar	1	1	1
## 1864	0.026562500	0.0000000	0.0	Mar	2	2	1
## 1865	0.005788982	29.0103850	0.0	Mar	2	2	1
## 1866	0.001086957	45.8293144	0.0	Mar	2	2	1
## 1867	0.016666667	12.5331429	0.0	Mar	1	1	6
## 1868	0.010000000	0.0000000	0.0	Mar	2	2	1
## 1869	0.033333333	0.0000000	0.0	Mar	2	5	1
## 1870	0.050000000	0.0000000	0.0	Mar	2	5	2
## 1871	0.022222222	0.0000000	0.0	Mar	2	2	3
## 1872	0.200000000	0.0000000	0.0	Mar	2	2	1
## 1873	0.018030303	0.0000000	0.0	Mar	2	2	4
## 1874	0.011111111	0.0000000	0.0	Mar	3	2	7
## 1875	0.004761905	0.0000000	0.0	Mar	3	2	8
## 1876	0.064444444	0.0000000	0.0	Mar	2	2	1
## 1877	0.166666667	0.0000000	0.0	Mar	2	2	1
## 1878	0.015277778	0.0000000	0.0	Mar	4	1	3
## 1879	0.008888889	0.0000000	0.0	Mar	3	3	1
## 1880	0.029142857	10.3572000	0.0	Mar	2	2	1
## 1881	0.005405405	20.8595676	0.0	Mar	2	4	9
## 1882	0.005357143	0.0000000	0.0	Mar	2	4	1
## 1883	0.001666667	0.0000000	0.0	Mar	3	2	1
## 1884	0.062500000	0.0000000	0.0	Mar	2	4	2
## 1885	0.019047619	54.2488642	0.0	Mar	2	2	1
## 1886	0.028205128	0.0000000	0.0	Mar	2	2	4
## 1887	0.029047619	0.0000000	0.0	Mar	1	1	2
## 1888	0.021924603	0.0000000	0.0	Mar	3	2	3
## 1889	0.005263158	0.0000000	0.0	Mar	2	2	4
## 1890	0.040000000	14.0292000	0.0	Mar	2	2	9
## 1891	0.060714286	0.0000000	0.0	Mar	3	3	1

## 1892	0.200000000	0.0000000	0.0	Mar	2	5	1
## 1893	0.008888889	0.0000000	0.0	Mar	2	6	1
## 1894	0.031818182	0.0000000	0.0	Mar	2	10	7
## 1895	0.012857143	0.0000000	0.0	Mar	2	2	3
## 1896	0.023772222	0.0000000	0.0	Mar	2	2	3
## 1897	0.022105263	0.0000000	0.0	Mar	3	2	3
## 1898	0.100000000	0.0000000	0.0	Mar	1	1	3
## 1899	0.009285714	0.0000000	0.0	Mar	2	2	6
## 1900	0.046666667	0.0000000	0.0	Mar	2	2	2
## 1901	0.022222222	88.7846060	0.0	Mar	2	2	1
## 1902	0.010563841	0.0000000	0.0	Mar	3	2	1
## 1903	0.150000000	0.0000000	0.0	Mar	2	5	3
## 1904	0.003703704	0.0000000	0.0	Mar	2	6	7
## 1905	0.033333333	0.0000000	0.0	Mar	3	2	8
## 1906	0.015384615	0.0000000	0.0	Mar	2	2	8
## 1907	0.013333333	0.0000000	0.0	Mar	2	5	1
## 1908	0.087500000	0.0000000	0.0	Mar	2	2	3
## 1909	0.200000000	0.0000000	0.0	Mar	3	3	3
## 1910	0.033333333	0.0000000	0.0	Mar	2	2	6
## 1911	0.003508772	0.0000000	0.0	Mar	2	2	6
## 1912	0.031250000	0.0000000	0.0	Mar	2	4	6
## 1913	0.016666667	0.0000000	0.0	Mar	2	2	3
## 1914	0.032456140	0.0000000	0.0	Mar	2	5	3
## 1915	0.013333333	0.0000000	0.0	Mar	1	2	1
## 1916	0.002666667	0.0000000	0.0	Mar	2	2	1
## 1917	0.020000000	0.0000000	0.0	Mar	2	4	1
## 1918	0.025000000	0.0000000	0.0	Mar	2	2	3
## 1919	0.011764706	0.0000000	0.0	Mar	2	2	1
## 1920	0.062500000	0.0000000	0.0	Mar	2	10	4
## 1921	0.011111111	0.0000000	0.0	Mar	2	2	1
## 1922	0.022222222	27.3822422	0.0	Mar	2	2	5
## 1923	0.015384615	0.0000000	0.0	Mar	2	4	1
## 1924	0.062745098	0.0000000	0.0	Mar	2	2	6
## 1925	0.035294118	0.0000000	0.0	Mar	2	4	4
## 1926	0.012121212	17.1254546	0.0	Mar	2	2	1
## 1927	0.013440860	9.0530816	0.0	Mar	1	1	1
## 1928	0.012500000	0.0000000	0.0	Mar	2	10	2
## 1929	0.028571429	0.0000000	0.0	Mar	1	1	2
## 1930	0.007986111	0.0000000	0.0	Mar	1	1	3
## 1931	0.066666667	0.0000000	0.0	Mar	2	2	7
## 1932	0.011565934	0.0000000	0.0	Mar	3	2	3
## 1933	0.040000000	0.0000000	0.0	Mar	2	2	1
## 1934	0.017361111	0.0000000	0.0	Mar	3	2	1
## 1935	0.050000000	0.0000000	0.0	Mar	2	2	3
## 1936	0.037500000	0.0000000	0.0	Mar	2	2	6
## 1937	0.088888889	0.0000000	0.0	Mar	3	2	2
## 1938	0.037681159	0.0000000	0.0	Mar	1	2	2
## 1939	0.066666667	0.0000000	0.0	Mar	2	2	1
## 1940	0.014285714	0.0000000	0.0	Mar	2	4	1
## 1941	0.021568627	0.0000000	0.0	Mar	1	1	1
## 1942	0.016666667	33.3283450	0.0	Mar	2	5	1
## 1943	0.022556391	9.5174211	0.0	Mar	3	2	3
## 1944	0.018888889	6.2840449	0.0	Mar	2	2	1
## 1945	0.029684228	0.0000000	0.0	Mar	1	1	1

##	1946	0.027777778	0.0000000	0.0	Mar	2	4	1
##	1947	0.015384615	0.0000000	0.0	Mar	1	2	3
##	1948	0.018485839	4.4653984	0.0	Mar	2	4	3
##	1949	0.003333333	0.0000000	0.0	Mar	1	1	1
##	1950	0.100000000	0.0000000	0.0	Mar	2	2	4
##	1951	0.006666667	0.0000000	0.0	Mar	2	2	1
##	1952	0.200000000	0.0000000	0.0	Mar	1	1	3
##	1953	0.003225806	0.0000000	0.0	Mar	2	2	1
##	1954	0.031501832	0.0000000	0.0	Mar	2	4	8
##	1955	0.015614035	9.0927719	0.0	Mar	1	1	2
##	1956	0.022222222	57.9641765	0.0	Mar	2	2	2
##	1957	0.014285714	0.0000000	0.0	Mar	1	1	1
##	1958	0.009090909	0.0000000	0.0	Mar	2	2	3
##	1959	0.016447330	2.8423070	0.0	Mar	3	2	1
##	1960	0.015555556	10.7820000	0.0	Mar	2	2	1
##	1961	0.091666667	0.0000000	0.0	Mar	2	5	3
##	1962	0.025000000	0.0000000	0.0	Mar	1	1	7
##	1963	0.014814815	0.0000000	0.0	Mar	2	2	2
##	1964	0.089285714	0.0000000	0.0	Mar	3	2	1
##	1965	0.006734694	49.4704098	0.0	Mar	2	5	3
##	1966	0.100000000	0.0000000	0.0	Mar	1	1	1
##	1967	0.012301587	0.0000000	0.0	Mar	2	2	3
##	1968	0.133333333	0.0000000	0.0	Mar	4	1	1
##	1969	0.007407407	0.0000000	0.0	Mar	2	2	2
##	1970	0.024837398	6.5480114	0.0	Mar	2	2	3
##	1971	0.010251724	1.8164741	0.0	Mar	4	2	1
##	1972	0.050000000	0.0000000	0.0	Mar	2	5	1
##	1973	0.010416667	14.6395783	0.0	Mar	1	1	2
##	1974	0.007551020	5.5767209	0.0	Mar	2	2	4
##	1975	0.006589147	0.0000000	0.0	Mar	2	2	1
##	1976	0.030662021	0.0000000	0.0	Mar	2	2	3
##	1977	0.025000000	0.0000000	0.0	Mar	2	4	3
##	1978	0.100000000	0.0000000	0.0	Mar	3	2	7
##	1979	0.012500000	0.0000000	0.0	Mar	2	4	1
##	1980	0.031250000	0.0000000	0.0	Mar	1	2	1
##	1981	0.005714286	0.0000000	0.0	Mar	3	2	5
##	1982	0.066666667	0.0000000	0.0	Mar	2	7	4
##	1983	0.005970149	109.9124051	0.0	Mar	2	5	4
##	1984	0.020833333	0.0000000	0.0	Mar	2	2	2
##	1985	0.100000000	0.0000000	0.0	Mar	2	4	6
##	1986	0.018181818	0.0000000	0.0	Mar	2	2	3
##	1987	0.075000000	0.0000000	0.0	Mar	2	2	3
##	1988	0.200000000	0.0000000	0.0	Mar	2	4	1
##	1989	0.019230769	0.0000000	0.0	Mar	3	2	3
##	1990	0.036666667	0.0000000	0.0	Mar	2	2	8
##	1991	0.007239057	0.0000000	0.0	Mar	2	2	9
##	1992	0.014035088	0.0000000	0.0	Mar	3	2	2
##	1993	0.023333333	44.7346667	0.0	Mar	3	2	6
##	1994	0.009523810	0.0000000	0.0	Mar	3	2	3
##	1995	0.012179487	0.0000000	0.0	Mar	1	1	3
##	1996	0.043002538	0.0000000	0.0	Mar	3	2	4
##	1997	0.043002538	0.0000000	0.0	Mar	3	2	4
##	1998	0.027362361	5.7709600	0.0	Mar	2	2	6
##	1999	0.013192815	3.7956610	0.0	Mar	3	2	6

##	2000	0.016666667	0.0000000	0.0	Mar	2	6	3
##	2001	0.020000000	0.0000000	0.0	Mar	3	2	1
##	2002	0.005555556	0.0000000	0.0	Mar	1	2	3
##	2003	0.001799477	17.3489362	0.0	Mar	2	2	1
##	2004	0.100000000	0.0000000	0.0	Mar	2	2	2
##	2005	0.066666667	0.0000000	0.0	Mar	4	2	6
##	2006	0.100000000	0.0000000	0.0	Mar	1	1	6
##	2007	0.016666667	0.0000000	0.0	Mar	2	2	6
##	2008	0.066666667	0.0000000	0.0	Mar	2	2	1
##	2009	0.015740741	0.0000000	0.0	Mar	2	2	8
##	2010	0.200000000	0.0000000	0.0	Mar	2	5	2
##	2011	0.112500000	0.0000000	0.0	Mar	2	2	3
##	2012	0.100000000	0.0000000	0.0	Mar	2	2	3
##	2013	0.105000000	0.0000000	0.0	Mar	2	2	2
##	2014	0.025000000	0.0000000	0.0	Mar	3	2	1
##	2015	0.022222222	0.0000000	0.0	Mar	2	2	3
##	2016	0.050000000	0.0000000	0.0	Mar	2	4	1
##	2017	0.200000000	0.0000000	0.0	Mar	2	5	1
##	2018	0.010000000	0.0000000	0.0	Mar	2	2	3
##	2019	0.015555556	0.0000000	0.0	Mar	2	5	2
##	2020	0.017977208	16.1728000	0.0	Mar	2	2	3
##	2021	0.009090909	0.0000000	0.0	Mar	2	4	7
##	2022	0.011505376	1.5927742	0.0	Mar	1	8	4
##	2023	0.000586510	54.6763484	0.0	Mar	2	2	7
##	2024	0.162500000	0.0000000	0.0	Mar	3	2	3
##	2025	0.009523810	0.0000000	0.0	Mar	2	2	1
##	2026	0.010000000	91.9800000	0.0	Mar	1	1	3
##	2027	0.002159624	0.0000000	0.0	Mar	2	2	8
##	2028	0.007692308	11.9926402	0.0	Mar	1	1	1
##	2029	0.005636724	33.3307450	0.0	Mar	2	2	5
##	2030	0.016129032	0.0000000	0.0	Mar	2	5	2
##	2031	0.017647059	39.8586667	0.0	Mar	2	2	1
##	2032	0.073333333	19.9960000	0.0	Mar	2	2	3
##	2033	0.012500000	0.0000000	0.0	Mar	1	1	6
##	2034	0.114285714	0.0000000	0.0	Mar	1	1	3
##	2035	0.028125000	0.0000000	0.0	Mar	2	2	3
##	2036	0.006666667	0.0000000	0.0	Mar	2	2	8
##	2037	0.050000000	0.0000000	0.0	Mar	2	2	3
##	2038	0.033333333	0.0000000	0.0	Mar	3	3	1
##	2039	0.087500000	0.0000000	0.0	Mar	1	1	6
##	2040	0.020784314	26.1201542	0.0	Mar	2	2	3
##	2041	0.006896552	0.0000000	0.0	Mar	2	2	1
##	2042	0.002380952	24.7504762	0.0	Mar	1	1	1
##	2043	0.005263158	0.0000000	0.0	Mar	2	4	1
##	2044	0.020000000	0.0000000	0.0	Mar	2	4	7
##	2045	0.200000000	0.0000000	0.0	Mar	3	2	1
##	2046	0.012500000	0.0000000	0.0	Mar	2	4	1
##	2047	0.005128205	54.9800000	0.0	May	3	2	4
##	2048	0.001449275	0.0000000	0.8	May	3	2	1
##	2049	0.015307716	5.6381031	0.0	May	2	2	1
##	2050	0.100000000	0.0000000	0.0	May	2	2	4
##	2051	0.024719927	0.0000000	0.6	May	2	2	3
##	2052	0.012319347	0.0000000	0.0	May	3	2	6
##	2053	0.200000000	0.0000000	0.0	May	1	1	1

##	2054	0.007692308	11.5192308	0.0	May	2	2	1
##	2055	0.047222222	0.0000000	0.0	May	2	5	4
##	2056	0.025641026	0.0000000	0.0	May	1	2	5
##	2057	0.064705882	0.0000000	0.8	May	2	2	1
##	2058	0.177777778	0.0000000	0.0	May	1	1	1
##	2059	0.039305682	0.0000000	0.4	May	2	2	1
##	2060	0.200000000	0.0000000	0.6	May	1	1	1
##	2061	0.002564103	0.0000000	0.0	May	4	2	1
##	2062	0.200000000	0.0000000	0.0	May	1	1	1
##	2063	0.021089500	0.0000000	0.6	May	1	1	1
##	2064	0.025000000	14.6895000	0.6	May	2	5	1
##	2065	0.023321256	0.0000000	0.0	May	2	2	1
##	2066	0.033973374	6.7485000	0.0	May	2	2	7
##	2067	0.002631579	0.0000000	0.0	May	2	2	4
##	2068	0.091666667	0.0000000	0.0	May	3	2	1
##	2069	0.033333333	0.0000000	0.0	May	2	2	1
##	2070	0.025000000	0.0000000	0.0	May	3	6	3
##	2071	0.009090909	20.2453697	0.0	May	2	4	1
##	2072	0.050000000	0.0000000	0.0	May	3	2	6
##	2073	0.075000000	0.0000000	0.0	May	2	2	3
##	2074	0.011458333	17.9910000	0.0	May	2	2	1
##	2075	0.100000000	0.0000000	0.0	May	1	1	1
##	2076	0.013513514	0.0000000	0.6	May	2	2	1
##	2077	0.080000000	0.0000000	0.6	May	1	1	1
##	2078	0.042307692	10.9472308	0.6	May	2	2	1
##	2079	0.012500000	0.0000000	0.0	May	2	2	6
##	2080	0.030701754	0.0000000	0.8	May	2	4	1
##	2081	0.025000000	0.0000000	0.0	May	3	2	3
##	2082	0.026666667	0.0000000	0.0	May	2	2	4
##	2083	0.079487179	0.0000000	0.6	May	1	1	4
##	2084	0.024390244	0.0000000	0.0	May	2	2	1
##	2085	0.100000000	0.0000000	0.8	May	2	5	4
##	2086	0.200000000	0.0000000	0.0	May	2	4	1
##	2087	0.008695652	46.0064348	0.0	May	2	2	4
##	2088	0.040415616	8.0826900	0.0	May	2	1	1
##	2089	0.041810345	0.0000000	0.0	May	2	6	4
##	2090	0.033333333	0.0000000	0.0	May	2	6	3
##	2091	0.020000000	0.0000000	0.0	May	2	2	2
##	2092	0.018181818	0.0000000	0.0	May	2	4	8
##	2093	0.032432432	0.0000000	0.2	May	4	1	1
##	2094	0.022549020	0.0000000	0.2	May	1	2	3
##	2095	0.073076923	0.0000000	0.8	May	2	2	5
##	2096	0.017058824	0.0000000	1.0	May	2	2	5
##	2097	0.054545455	0.0000000	0.6	May	2	2	4
##	2098	0.200000000	0.0000000	0.0	May	1	1	1
##	2099	0.019892473	0.0000000	0.0	May	2	4	2
##	2100	0.025289256	32.0650909	0.0	May	3	2	3
##	2101	0.083333333	0.0000000	0.0	May	2	2	3
##	2102	0.016666667	0.0000000	0.0	May	2	4	1
##	2103	0.031111111	0.0000000	0.6	May	2	2	7
##	2104	0.123412698	0.0000000	0.4	May	2	2	1
##	2105	0.045416667	0.0000000	0.0	May	3	2	1
##	2106	0.004081633	0.0000000	0.8	May	2	4	4
##	2107	0.200000000	0.0000000	0.6	May	3	2	4

##	2108	0.007142857	0.0000000	0.0	May	2	2	2
##	2109	0.034101382	18.1114839	0.0	May	3	2	6
##	2110	0.055555556	0.0000000	0.0	May	2	2	3
##	2111	0.142857143	0.0000000	0.0	May	2	4	3
##	2112	0.033333333	0.0000000	0.6	May	2	2	1
##	2113	0.086507937	0.0000000	1.0	May	2	2	4
##	2114	0.100000000	0.0000000	0.8	May	1	1	1
##	2115	0.061111111	0.0000000	0.8	May	2	2	9
##	2116	0.008000000	0.0000000	0.0	May	2	2	1
##	2117	0.066666667	0.0000000	0.0	May	2	2	7
##	2118	0.040000000	0.0000000	0.0	May	2	2	3
##	2119	0.116666667	0.0000000	0.8	May	3	2	1
##	2120	0.009375000	26.9831250	0.0	May	3	2	3
##	2121	0.018571429	0.0000000	0.0	May	3	2	2
##	2122	0.155555556	0.0000000	0.8	May	2	2	7
##	2123	0.003076923	0.0000000	1.0	May	3	2	1
##	2124	0.025000000	0.0000000	0.0	May	1	1	2
##	2125	0.005555556	28.3983333	0.0	May	2	2	8
##	2126	0.018750000	0.0000000	0.8	May	2	2	1
##	2127	0.023000000	16.8250500	0.0	May	1	1	1
##	2128	0.200000000	0.0000000	0.6	May	2	2	1
##	2129	0.046203704	0.0000000	0.0	May	3	2	6
##	2130	0.004054054	20.3944865	0.0	May	2	2	3
##	2131	0.200000000	0.0000000	0.0	May	1	1	4
##	2132	0.150000000	0.0000000	0.0	May	2	2	1
##	2133	0.116666667	0.0000000	0.4	May	2	6	1
##	2134	0.028907563	9.6095294	0.6	May	3	2	4
##	2135	0.016666667	0.0000000	0.0	May	3	2	1
##	2136	0.020833333	0.0000000	0.4	May	2	2	2
##	2137	0.013571429	2.6633333	0.0	May	1	1	1
##	2138	0.200000000	0.0000000	0.0	May	3	2	3
##	2139	0.100000000	0.0000000	0.0	May	2	2	6
##	2140	0.056000000	0.0000000	0.4	May	3	2	1
##	2141	0.009228841	0.0000000	0.0	May	1	1	1
##	2142	0.012121212	2.7828864	0.4	May	2	2	4
##	2143	0.095098039	0.0000000	1.0	May	2	2	1
##	2144	0.000826446	59.9880000	0.0	May	1	1	1
##	2145	0.200000000	0.0000000	0.0	May	2	2	1
##	2146	0.043499683	0.0000000	0.0	May	2	2	8
##	2147	0.058730159	0.0000000	0.6	May	2	5	1
##	2148	0.020440917	21.1162963	0.0	May	2	2	8
##	2149	0.004000000	14.7920000	0.0	May	3	2	4
##	2150	0.070833333	0.0000000	0.4	May	2	2	8
##	2151	0.069565217	0.0000000	0.6	May	2	2	1
##	2152	0.050000000	0.0000000	0.6	May	2	10	1
##	2153	0.012500000	0.0000000	0.6	May	2	6	1
##	2154	0.050000000	0.0000000	0.0	May	2	4	1
##	2155	0.050000000	0.0000000	0.0	May	1	1	1
##	2156	0.015030530	4.5082711	0.0	May	2	2	3
##	2157	0.008333333	0.0000000	0.0	May	2	2	1
##	2158	0.007000000	54.9759000	0.0	May	2	2	1
##	2159	0.020887890	10.2122977	0.0	May	2	4	1
##	2160	0.020833333	0.0000000	0.0	May	2	2	3
##	2161	0.050000000	0.0000000	0.4	May	3	2	4

##	2162	0.088271605	0.0000000	0.4	May	2	5	1
##	2163	0.100000000	0.0000000	0.0	May	2	5	2
##	2164	0.023939394	23.0690000	0.0	May	2	2	1
##	2165	0.014481293	2.8467797	1.0	May	1	1	9
##	2166	0.200000000	0.0000000	0.0	May	1	1	7
##	2167	0.020370370	0.0000000	0.8	May	3	2	6
##	2168	0.002439024	0.0000000	1.0	May	2	2	4
##	2169	0.025900901	24.6383784	0.0	May	1	1	9
##	2170	0.010418719	0.0000000	0.0	May	3	2	3
##	2171	0.004761905	17.6965714	1.0	May	1	1	1
##	2172	0.030151515	22.3392000	0.0	May	1	1	3
##	2173	0.038438438	5.1854573	0.0	May	2	2	1
##	2174	0.053333333	0.0000000	0.8	May	7	1	3
##	2175	0.046439700	4.3744013	0.2	May	2	2	8
##	2176	0.028571429	0.0000000	0.4	May	3	3	5
##	2177	0.100000000	0.0000000	0.0	May	1	1	3
##	2178	0.035714286	43.1922857	0.0	May	2	2	3
##	2179	0.031578947	0.0000000	0.6	May	2	2	1
##	2180	0.028333333	0.0000000	0.0	May	2	2	7
##	2181	0.030000000	0.0000000	0.0	May	2	2	2
##	2182	0.100000000	0.0000000	0.0	May	3	2	1
##	2183	0.003440860	0.0000000	0.0	May	3	2	1
##	2184	0.003921569	0.0000000	0.0	May	2	2	2
##	2185	0.200000000	0.0000000	0.4	May	1	8	7
##	2186	0.020000000	0.0000000	0.0	May	1	1	3
##	2187	0.025641026	20.9169231	0.0	May	2	2	1
##	2188	0.066666667	0.0000000	0.2	May	2	5	1
##	2189	0.088888889	0.0000000	0.0	May	3	2	4
##	2190	0.023333333	2.9732143	0.0	May	2	2	3
##	2191	0.200000000	0.0000000	0.0	May	2	2	1
##	2192	0.166666667	0.0000000	0.6	May	1	1	1
##	2193	0.017369338	0.5827500	0.0	May	2	6	1
##	2194	0.021245421	0.0000000	0.0	May	3	2	1
##	2195	0.125000000	0.0000000	1.0	May	2	5	1
##	2196	0.023333333	0.0000000	0.0	May	2	4	3
##	2197	0.036759259	26.5455000	0.0	May	2	4	4
##	2198	0.017167920	18.4698947	0.0	May	3	2	1
##	2199	0.015711501	4.3769158	0.4	May	1	1	4
##	2200	0.039015152	0.0000000	0.0	May	2	5	6
##	2201	0.040000000	0.0000000	0.0	May	2	2	2
##	2202	0.001481481	34.9916667	0.0	May	2	2	5
##	2203	0.030833333	0.0000000	1.0	May	2	2	2
##	2204	0.042424242	19.3818182	0.0	May	2	2	1
##	2205	0.044444444	0.0000000	0.4	May	2	10	9
##	2206	0.075208333	12.4841250	0.4	May	3	2	8
##	2207	0.048333333	0.0000000	0.6	May	4	2	1
##	2208	0.033333333	0.0000000	0.0	May	3	2	4
##	2209	0.009196581	0.0000000	0.0	May	2	2	4
##	2210	0.018007866	4.8739694	0.0	May	3	3	3
##	2211	0.023856765	0.0000000	0.6	May	3	2	1
##	2212	0.014736842	0.0000000	0.0	May	3	2	1
##	2213	0.020512821	32.9460000	0.2	May	2	2	4
##	2214	0.006153846	143.2115385	0.0	May	2	4	3
##	2215	0.016751935	32.6896909	0.0	May	1	1	3

##	2216	0.011111111	0.0000000	0.0	May	1	1	1
##	2217	0.036927442	3.4312103	0.0	May	3	2	1
##	2218	0.200000000	0.0000000	0.0	May	1	1	8
##	2219	0.066666667	0.0000000	0.0	May	2	2	1
##	2220	0.028571429	0.0000000	0.0	May	1	1	3
##	2221	0.050000000	0.0000000	0.0	May	3	2	1
##	2222	0.002941176	13.0732941	0.0	May	2	2	6
##	2223	0.168750000	0.0000000	0.6	May	3	2	1
##	2224	0.014219114	0.0000000	0.0	May	3	2	9
##	2225	0.012500000	0.0000000	0.0	May	3	2	4
##	2226	0.013333333	33.9612000	0.0	May	3	2	1
##	2227	0.200000000	0.0000000	0.0	May	1	1	1
##	2228	0.017647059	0.0000000	0.0	May	3	2	4
##	2229	0.023529412	51.1172255	0.0	May	2	2	1
##	2230	0.029027611	0.0000000	0.0	May	1	1	1
##	2231	0.200000000	0.0000000	0.6	May	3	2	8
##	2232	0.026472431	4.2542500	0.0	May	2	2	5
##	2233	0.007407407	44.4773333	0.0	May	1	1	1
##	2234	0.038095238	0.0000000	0.0	May	2	2	3
##	2235	0.030666667	0.0000000	0.0	May	3	2	3
##	2236	0.010344828	25.9033103	0.0	May	4	2	1
##	2237	0.200000000	0.0000000	0.0	May	1	1	6
##	2238	0.200000000	0.0000000	0.6	May	3	2	6
##	2239	0.014387171	1.7221649	0.0	May	2	4	1
##	2240	0.173809524	0.0000000	0.6	May	3	2	6
##	2241	0.066781609	0.0000000	0.0	May	3	2	2
##	2242	0.073333333	0.0000000	0.0	May	2	5	1
##	2243	0.023809524	0.0000000	0.0	May	3	2	1
##	2244	0.035271318	0.0000000	0.6	May	2	2	1
##	2245	0.014160401	16.0486071	0.0	May	3	2	3
##	2246	0.025000000	0.0000000	0.0	May	3	2	1
##	2247	0.014873664	21.0248163	0.2	May	3	2	4
##	2248	0.200000000	0.0000000	0.4	May	3	2	1
##	2249	0.027450980	0.0000000	0.8	May	1	1	3
##	2250	0.100000000	0.0000000	0.0	May	1	1	8
##	2251	0.017829457	7.5293023	0.0	May	2	2	1
##	2252	0.044827586	0.0000000	0.4	May	2	2	1
##	2253	0.050000000	0.0000000	0.6	May	2	2	6
##	2254	0.066666667	0.0000000	0.0	May	2	2	9
##	2255	0.011240310	35.2339845	0.0	May	2	2	4
##	2256	0.029444444	6.1650000	0.8	May	2	2	2
##	2257	0.075238095	0.0000000	0.8	May	2	5	4
##	2258	0.016666667	0.0000000	0.0	May	1	1	5
##	2259	0.007500000	31.1904000	0.6	May	2	2	1
##	2260	0.026315789	0.0000000	0.0	May	2	4	1
##	2261	0.027333333	0.0000000	0.0	May	3	2	2
##	2262	0.006060606	0.0000000	0.0	May	2	2	6
##	2263	0.015384615	0.0000000	0.0	May	2	6	6
##	2264	0.015262515	18.9926923	0.0	May	2	2	1
##	2265	0.059803922	0.0000000	0.8	May	3	2	3
##	2266	0.025357143	0.0000000	0.0	May	2	2	3
##	2267	0.019090804	9.4172721	0.0	May	3	2	4
##	2268	0.028759666	0.0000000	0.0	May	3	2	1
##	2269	0.100000000	0.0000000	0.0	May	2	2	1

##	2270	0.025000000	0.0000000	0.0	May	2	2	7
##	2271	0.021428571	0.0000000	1.0	May	2	4	4
##	2272	0.080000000	0.0000000	0.0	May	1	1	1
##	2273	0.055331772	4.1632596	0.2	May	3	2	4
##	2274	0.003921569	12.6344118	0.0	May	2	4	1
##	2275	0.014367816	0.0000000	0.0	May	4	2	1
##	2276	0.200000000	0.0000000	0.0	May	3	2	8
##	2277	0.021875000	0.0000000	0.0	May	2	2	2
##	2278	0.200000000	0.0000000	0.8	May	3	2	2
##	2279	0.122222222	0.0000000	0.2	May	1	1	4
##	2280	0.200000000	0.0000000	0.0	May	1	1	1
##	2281	0.109090909	0.0000000	0.8	May	2	2	1
##	2282	0.040000000	0.0000000	0.0	May	2	2	1
##	2283	0.027450980	0.0000000	0.2	May	1	1	1
##	2284	0.005128205	0.0000000	1.0	May	3	2	5
##	2285	0.011111111	0.0000000	0.0	May	2	4	3
##	2286	0.133333333	0.0000000	0.0	May	2	2	1
##	2287	0.200000000	0.0000000	0.0	May	3	2	6
##	2288	0.200000000	0.0000000	1.0	May	1	1	4
##	2289	0.100000000	0.0000000	0.0	May	1	2	1
##	2290	0.025596405	8.0115534	0.4	May	2	2	1
##	2291	0.013333333	0.0000000	0.0	May	2	2	1
##	2292	0.008695652	0.0000000	0.0	May	4	1	1
##	2293	0.026231884	4.2426884	0.0	May	1	1	3
##	2294	0.150000000	0.0000000	0.4	May	2	2	1
##	2295	0.048125000	22.6298958	0.4	May	2	2	2
##	2296	0.020000000	0.0000000	0.0	May	2	2	5
##	2297	0.007407407	0.0000000	0.0	May	3	2	3
##	2298	0.200000000	0.0000000	0.0	May	3	2	3
##	2299	0.013333333	0.0000000	0.0	May	3	2	3
##	2300	0.100000000	0.0000000	0.0	May	2	2	1
##	2301	0.027272727	0.0000000	0.4	May	1	1	5
##	2302	0.008333333	0.0000000	0.0	May	4	2	1
##	2303	0.014705882	0.0000000	0.0	May	3	2	6
##	2304	0.016666667	0.0000000	0.6	May	1	1	3
##	2305	0.056666667	0.0000000	0.6	May	1	1	1
##	2306	0.155555556	0.0000000	0.4	May	2	4	1
##	2307	0.200000000	0.0000000	0.6	May	3	2	1
##	2308	0.022666667	0.0000000	0.4	May	2	2	1
##	2309	0.050000000	0.0000000	0.0	May	2	2	2
##	2310	0.048148148	0.0000000	0.0	May	2	4	3
##	2311	0.200000000	0.0000000	0.0	May	4	1	1
##	2312	0.033333333	0.0000000	0.0	May	2	6	4
##	2313	0.100000000	0.0000000	0.0	May	3	2	3
##	2314	0.025000000	32.7993750	0.0	May	2	4	6
##	2315	0.021212121	23.6051892	0.2	May	2	2	8
##	2316	0.012937063	0.0000000	0.0	May	1	2	1
##	2317	0.018750000	0.0000000	0.0	May	2	2	1
##	2318	0.200000000	0.0000000	0.4	May	1	1	3
##	2319	0.040000000	0.0000000	0.0	May	3	2	8
##	2320	0.033333333	0.0000000	0.2	May	2	2	7
##	2321	0.014285714	0.0000000	0.0	May	2	2	3
##	2322	0.007692308	0.0000000	0.0	May	1	1	4
##	2323	0.016666667	0.0000000	0.0	May	2	2	2

##	2324	0.010111111	0.0000000	0.0	May	2	5	2
##	2325	0.017195767	0.0000000	0.0	May	3	2	8
##	2326	0.010476190	19.7813512	0.4	May	2	2	2
##	2327	0.055119048	0.0000000	0.0	May	2	2	1
##	2328	0.018181818	0.0000000	0.0	May	2	2	2
##	2329	0.020634921	0.0000000	0.4	May	3	2	1
##	2330	0.010000000	0.0000000	0.4	May	2	2	1
##	2331	0.023404255	0.0000000	0.0	May	2	2	4
##	2332	0.173333333	0.0000000	0.4	May	1	1	1
##	2333	0.024814815	0.0000000	0.6	May	1	1	8
##	2334	0.013333333	0.0000000	0.0	May	3	2	8
##	2335	0.200000000	0.0000000	1.0	May	1	1	3
##	2336	0.077777778	0.0000000	0.0	May	1	1	1
##	2337	0.054666667	0.0000000	0.8	May	2	2	1
##	2338	0.020277778	0.0000000	0.8	May	2	10	1
##	2339	0.020580808	6.2210455	0.6	May	2	2	2
##	2340	0.035507246	0.0000000	0.8	May	2	2	7
##	2341	0.041666667	0.0000000	0.2	May	2	2	2
##	2342	0.023003663	2.7412000	0.0	May	2	4	2
##	2343	0.003553372	0.0000000	0.0	May	2	2	3
##	2344	0.009652076	2.2084944	0.0	May	2	2	1
##	2345	0.035000000	0.0000000	0.0	May	2	2	1
##	2346	0.012500000	0.0000000	0.0	May	2	4	4
##	2347	0.066666667	65.9880000	0.0	May	2	2	1
##	2348	0.200000000	0.0000000	0.8	May	2	2	4
##	2349	0.024000000	0.0000000	0.0	May	2	6	2
##	2350	0.016666667	5.4945000	0.0	May	1	8	2
##	2351	0.019583333	0.0000000	0.0	May	4	1	1
##	2352	0.015000000	7.6686395	0.0	May	2	2	3
##	2353	0.051960784	0.0000000	1.0	May	3	2	4
##	2354	0.034671498	13.6615882	1.0	May	2	10	2
##	2355	0.023447941	0.0000000	0.0	May	3	2	5
##	2356	0.016666667	0.0000000	0.0	May	3	2	4
##	2357	0.042857143	0.0000000	0.4	May	2	2	1
##	2358	0.065517241	0.0000000	0.2	May	2	7	3
##	2359	0.066666667	0.0000000	0.6	May	2	2	1
##	2360	0.020000000	0.0000000	1.0	May	1	1	1
##	2361	0.058370370	0.0000000	1.0	May	3	2	7
##	2362	0.036298293	0.0000000	1.0	May	2	2	7
##	2363	0.006061121	0.0000000	0.6	May	2	2	5
##	2364	0.022222222	0.0000000	0.0	May	3	2	6
##	2365	0.031818182	0.0000000	0.0	May	2	4	4
##	2366	0.019541890	8.9799346	0.8	May	1	1	4
##	2367	0.018181818	86.3880000	0.0	May	2	2	6
##	2368	0.044444444	0.0000000	0.8	May	2	4	9
##	2369	0.011083789	4.9477663	0.8	May	6	2	2
##	2370	0.050212934	2.5790649	0.0	May	3	2	2
##	2371	0.200000000	0.0000000	0.0	May	1	1	1
##	2372	0.051219512	0.0000000	0.2	May	2	10	7
##	2373	0.200000000	0.0000000	0.4	May	2	2	1
##	2374	0.049122807	22.3293474	0.0	May	2	2	1
##	2375	0.200000000	0.0000000	0.0	May	3	2	3
##	2376	0.019189510	0.0000000	0.0	May	1	1	5
##	2377	0.045000000	0.0000000	0.8	May	4	1	3

##	2378	0.200000000	0.0000000	0.0	May	2	2	2
##	2379	0.044444444	0.0000000	0.2	May	3	2	2
##	2380	0.050000000	0.0000000	0.4	May	2	2	6
##	2381	0.012500000	33.6501000	0.0	May	2	2	3
##	2382	0.073333333	0.0000000	0.0	May	2	2	7
##	2383	0.016111111	2.5684548	0.0	May	2	2	2
##	2384	0.040000000	0.0000000	0.0	May	2	2	6
##	2385	0.133333333	0.0000000	0.0	May	1	1	1
##	2386	0.100000000	0.0000000	0.8	May	2	2	1
##	2387	0.075000000	0.0000000	0.8	May	2	2	6
##	2388	0.200000000	0.0000000	0.0	May	2	2	4
##	2389	0.070588235	0.0000000	0.0	May	3	2	1
##	2390	0.200000000	0.0000000	0.8	May	3	2	2
##	2391	0.018750000	0.0000000	0.0	May	2	2	2
##	2392	0.100000000	0.0000000	0.0	May	3	2	3
##	2393	0.133333333	0.0000000	0.6	May	2	2	8
##	2394	0.007407407	0.0000000	0.0	May	4	2	2
##	2395	0.028000000	18.5614800	0.0	May	2	5	3
##	2396	0.035515873	6.3107407	0.4	May	2	2	1
##	2397	0.038888889	0.0000000	0.4	May	1	1	3
##	2398	0.022222222	0.0000000	0.0	May	1	1	2
##	2399	0.014285714	0.0000000	0.0	May	4	2	9
##	2400	0.010526316	0.0000000	0.6	May	3	2	3
##	2401	0.025806452	0.0000000	0.0	May	2	4	5
##	2402	0.133333333	0.0000000	1.0	May	1	1	2
##	2403	0.002597403	0.0000000	0.0	May	1	1	5
##	2404	0.075000000	0.0000000	0.0	May	1	1	3
##	2405	0.140000000	0.0000000	0.0	May	3	2	2
##	2406	0.011877551	5.7890286	0.0	May	1	1	9
##	2407	0.022857143	0.0000000	0.6	May	4	1	1
##	2408	0.040211640	0.0000000	1.0	May	1	1	1
##	2409	0.025000000	0.0000000	0.0	May	1	8	2
##	2410	0.007142857	0.0000000	0.0	May	2	2	4
##	2411	0.200000000	0.0000000	0.6	May	1	1	7
##	2412	0.013305319	0.5133860	0.6	May	1	1	3
##	2413	0.075000000	0.0000000	0.6	May	3	2	1
##	2414	0.041666667	0.0000000	0.0	May	1	8	3
##	2415	0.034615385	0.0000000	0.2	May	2	2	3
##	2416	0.016494134	0.0000000	0.0	May	2	2	1
##	2417	0.088888889	0.0000000	0.4	May	2	5	1
##	2418	0.038461538	0.0000000	0.0	May	2	2	7
##	2419	0.015248796	42.8662809	0.0	May	2	4	3
##	2420	0.011764706	0.0000000	0.0	May	2	2	1
##	2421	0.015384615	71.4880000	0.0	May	2	5	2
##	2422	0.080000000	0.0000000	0.6	May	3	2	2
##	2423	0.016993464	53.9880000	0.0	May	2	2	2
##	2424	0.003389831	0.0000000	0.6	May	1	8	1
##	2425	0.072727273	0.0000000	0.6	May	2	2	4
##	2426	0.002857143	0.0000000	0.6	May	2	2	1
##	2427	0.024900794	0.0000000	0.0	May	3	3	1
##	2428	0.021194084	10.1722500	0.0	May	3	2	4
##	2429	0.070000000	0.0000000	0.6	May	2	2	6
##	2430	0.021354167	0.0000000	0.4	May	2	2	3
##	2431	0.008227848	41.9251899	0.0	May	1	1	3

## 2432	0.120000000	0.0000000	0.6	May	1	1	1
## 2433	0.009523810	0.0000000	0.0	May	3	2	1
## 2434	0.150000000	0.0000000	0.6	May	1	1	5
## 2435	0.040277778	0.0000000	0.0	May	1	1	1
## 2436	0.040000000	0.0000000	0.0	May	1	1	1
## 2437	0.018181818	49.6254546	0.0	May	2	4	5
## 2438	0.011904762	0.0000000	0.0	May	2	2	1
## 2439	0.004166667	0.0000000	0.0	May	2	2	4
## 2440	0.050000000	0.0000000	0.0	May	1	1	1
## 2441	0.012821256	8.5691342	0.0	May	4	2	6
## 2442	0.053431373	0.0000000	0.6	May	2	4	7
## 2443	0.050000000	0.0000000	0.0	May	2	4	3
## 2444	0.022857143	0.0000000	0.0	May	3	2	7
## 2445	0.045217391	0.0000000	0.0	May	2	2	4
## 2446	0.051818182	0.0000000	0.0	May	1	1	3
## 2447	0.160000000	0.0000000	0.4	May	3	2	4
## 2448	0.024242424	0.0000000	0.2	May	1	1	8
## 2449	0.035648148	0.0000000	0.4	May	2	2	3
## 2450	0.050000000	0.0000000	0.0	May	1	1	1
## 2451	0.033333333	0.0000000	0.0	May	2	2	4
## 2452	0.006250000	28.7940000	0.0	May	3	2	1
## 2453	0.080000000	0.0000000	0.0	May	2	2	2
## 2454	0.052631579	0.0000000	0.4	May	2	2	6
## 2455	0.006250000	0.0000000	1.0	May	1	1	3
## 2456	0.006250000	0.0000000	0.0	May	3	2	1
## 2457	0.068571429	0.0000000	0.0	May	1	2	1
## 2458	0.026666667	0.0000000	0.0	May	2	2	5
## 2459	0.059420290	0.0000000	0.2	May	2	2	1
## 2460	0.016601512	0.0000000	0.6	May	3	2	2
## 2461	0.057142857	0.0000000	0.6	May	3	2	1
## 2462	0.017105263	0.0000000	0.0	May	1	1	1
## 2463	0.056349206	0.0000000	0.0	May	3	2	4
## 2464	0.021250000	0.0000000	0.0	May	2	2	7
## 2465	0.025000000	0.0000000	0.0	May	2	2	1
## 2466	0.043518519	0.0000000	0.8	May	2	2	1
## 2467	0.014967916	3.0607660	0.0	May	2	10	4
## 2468	0.200000000	0.0000000	0.0	May	1	1	1
## 2469	0.004545455	0.0000000	0.0	May	2	2	7
## 2470	0.035714286	0.0000000	1.0	May	1	1	2
## 2471	0.028571429	0.0000000	0.0	May	1	1	3
## 2472	0.096000000	0.0000000	0.0	May	2	10	3
## 2473	0.200000000	0.0000000	0.0	May	3	2	4
## 2474	0.050000000	0.0000000	0.2	May	2	2	3
## 2475	0.200000000	0.0000000	0.0	May	3	2	3
## 2476	0.125641026	0.0000000	0.6	May	3	2	1
## 2477	0.017192982	0.0000000	0.8	May	3	2	1
## 2478	0.111111111	0.0000000	0.0	May	3	5	1
## 2479	0.026893939	0.0000000	0.8	May	2	2	1
## 2480	0.010776613	7.1527505	0.8	May	2	5	2
## 2481	0.042965368	0.0000000	0.8	May	3	3	2
## 2482	0.100000000	0.0000000	0.0	May	2	2	2
## 2483	0.200000000	0.0000000	0.0	May	1	1	3
## 2484	0.019047619	7.7349031	0.0	May	2	2	6
## 2485	0.026000000	0.0000000	0.0	May	1	1	2

## 2486	0.026923077	0.0000000	0.6	May	3	2	1
## 2487	0.051754386	0.0000000	0.0	May	2	2	4
## 2488	0.200000000	0.0000000	0.4	May	1	1	1
## 2489	0.056052632	0.0000000	1.0	May	2	2	4
## 2490	0.024531190	0.0000000	0.4	May	2	2	6
## 2491	0.157142857	0.0000000	0.6	May	3	2	3
## 2492	0.006277056	4.5043818	0.0	May	3	2	4
## 2493	0.021069182	0.0000000	0.0	May	1	1	3
## 2494	0.011764706	15.0848824	0.0	May	2	2	3
## 2495	0.200000000	0.0000000	0.2	May	3	2	1
## 2496	0.025933333	0.0000000	0.8	May	2	2	3
## 2497	0.028214286	31.1781250	0.0	May	4	2	1
## 2498	0.020833333	0.0000000	0.0	May	2	4	7
## 2499	0.126666667	0.0000000	0.0	May	3	2	4
## 2500	0.020512821	0.0000000	0.0	May	2	2	4
## 2501	0.033333333	0.0000000	0.0	May	3	2	4
## 2502	0.025789474	0.0000000	0.2	May	1	1	4
## 2503	0.037593985	0.0000000	0.4	May	2	2	3
## 2504	0.200000000	0.0000000	0.8	May	2	2	1
## 2505	0.031060606	0.0000000	0.2	May	2	2	5
## 2506	0.100000000	0.0000000	0.0	May	3	2	1
## 2507	0.043137255	0.0000000	0.0	May	2	2	1
## 2508	0.012500000	23.5543750	0.0	May	2	2	1
## 2509	0.200000000	0.0000000	0.0	May	2	2	4
## 2510	0.011428571	0.0000000	0.0	May	2	2	1
## 2511	0.016666667	0.0000000	0.8	May	1	1	6
## 2512	0.021212121	29.7741818	0.0	May	2	4	4
## 2513	0.021296296	0.0000000	0.0	May	3	2	4
## 2514	0.044423559	0.0000000	0.4	May	3	2	1
## 2515	0.027963219	0.0000000	0.0	May	2	2	1
## 2516	0.023761905	0.0000000	0.0	May	1	1	1
## 2517	0.200000000	0.0000000	0.0	May	2	2	1
## 2518	0.050000000	0.0000000	0.4	May	2	2	3
## 2519	0.012414872	0.6731276	0.8	May	2	2	5
## 2520	0.106666667	0.0000000	0.8	May	3	2	8
## 2521	0.023076923	0.0000000	0.0	May	2	4	7
## 2522	0.079166667	0.0000000	0.6	May	3	2	1
## 2523	0.011288515	2.2735988	0.0	May	2	2	1
## 2524	0.162500000	0.0000000	0.0	May	2	2	4
## 2525	0.066666667	0.0000000	0.0	May	2	4	1
## 2526	0.022222222	0.0000000	0.0	May	2	5	1
## 2527	0.100000000	0.0000000	0.0	May	1	1	1
## 2528	0.100000000	0.0000000	0.0	May	1	1	4
## 2529	0.040000000	57.5840000	0.0	May	2	2	1
## 2530	0.002197802	0.0000000	0.0	May	2	2	8
## 2531	0.133333333	0.0000000	0.0	May	1	1	3
## 2532	0.025000000	0.0000000	0.0	May	2	2	2
## 2533	0.028571429	0.0000000	0.0	May	1	1	7
## 2534	0.007142857	34.3485714	0.0	May	2	2	7
## 2535	0.017708333	18.3706250	0.0	May	1	1	1
## 2536	0.032912458	5.9760606	0.4	May	2	2	4
## 2537	0.040229885	0.0000000	0.0	May	3	2	1
## 2538	0.022222222	29.3155556	0.0	May	2	2	1
## 2539	0.025194363	15.1520571	0.2	May	2	2	7

##	2540	0.031481481	0.0000000	0.8	May	1	1	1
##	2541	0.030769231	0.0000000	0.0	May	2	4	2
##	2542	0.019819820	14.3312432	0.0	May	2	2	2
##	2543	0.033333333	0.0000000	0.0	May	2	10	2
##	2544	0.012500000	146.2387500	0.0	May	2	2	5
##	2545	0.014896228	2.8739547	0.0	May	2	2	1
##	2546	0.014285714	0.0000000	0.0	May	2	10	3
##	2547	0.100000000	0.0000000	0.0	May	2	4	5
##	2548	0.150000000	0.0000000	0.6	May	2	4	3
##	2549	0.034444444	0.0000000	0.8	May	1	1	1
##	2550	0.074369748	0.0000000	0.0	May	2	2	8
##	2551	0.111111111	0.0000000	0.0	May	3	2	1
##	2552	0.077777778	0.0000000	0.0	May	2	2	4
##	2553	0.002777778	39.9777778	0.0	May	1	1	1
##	2554	0.047477294	2.6134529	0.0	May	2	2	6
##	2555	0.048611111	0.0000000	0.0	May	2	2	3
##	2556	0.014035088	0.0000000	0.0	May	3	2	3
##	2557	0.012345679	54.3310370	0.0	May	2	5	2
##	2558	0.021754386	0.0000000	1.0	May	1	1	3
##	2559	0.008695652	101.3721739	0.0	May	1	1	1
##	2560	0.038888889	0.0000000	0.2	May	3	2	3
##	2561	0.041498896	0.0000000	0.6	May	1	1	3
##	2562	0.022727273	0.0000000	0.6	May	3	2	7
##	2563	0.013015873	0.0000000	0.0	May	1	1	1
##	2564	0.051785714	0.0000000	0.0	May	2	2	1
##	2565	0.066666667	0.0000000	0.0	May	2	2	2
##	2566	0.050000000	0.0000000	0.6	May	2	2	3
##	2567	0.020804598	0.0000000	1.0	May	1	1	3
##	2568	0.010000000	0.0000000	0.0	May	2	2	9
##	2569	0.022222222	33.1960000	0.0	May	2	2	1
##	2570	0.200000000	0.0000000	0.0	May	2	2	3
##	2571	0.013461538	0.0000000	0.0	May	1	2	4
##	2572	0.003273810	0.0000000	0.0	May	1	2	2
##	2573	0.019553530	20.7911594	0.0	May	2	2	4
##	2574	0.200000000	0.0000000	0.0	May	2	2	7
##	2575	0.014285714	0.0000000	0.6	May	2	2	1
##	2576	0.032558140	0.0000000	0.6	May	2	5	1
##	2577	0.007428571	9.5117143	0.0	May	3	2	2
##	2578	0.011111111	0.0000000	0.8	May	4	1	1
##	2579	0.020000000	0.0000000	0.0	May	3	2	6
##	2580	0.010939177	33.3335814	0.0	May	2	4	1
##	2581	0.040800000	0.0000000	0.8	May	2	2	3
##	2582	0.037037037	0.0000000	0.0	May	2	2	2
##	2583	0.031250000	0.0000000	0.0	May	3	2	6
##	2584	0.007692308	0.0000000	0.0	May	2	2	9
##	2585	0.045267490	0.0000000	0.2	May	3	2	1
##	2586	0.010526316	0.0000000	0.0	May	2	2	5
##	2587	0.012253894	19.1341528	0.8	May	3	2	4
##	2588	0.014285714	0.0000000	0.0	May	2	2	6
##	2589	0.100000000	0.0000000	0.0	May	3	2	1
##	2590	0.050000000	0.0000000	0.0	May	2	5	6
##	2591	0.008451124	7.6104311	0.0	May	2	2	1
##	2592	0.166666667	0.0000000	0.6	May	2	4	1
##	2593	0.016666667	0.0000000	0.0	May	2	2	3

##	2594	0.075000000	0.0000000	1.0	May	1	1	1
##	2595	0.150000000	0.0000000	0.0	May	3	2	1
##	2596	0.041269841	0.0000000	0.8	May	2	10	7
##	2597	0.025000000	0.0000000	0.0	May	2	2	1
##	2598	0.066666667	0.0000000	1.0	May	2	2	7
##	2599	0.036793698	0.0000000	0.8	May	2	2	1
##	2600	0.012500000	0.0000000	0.0	May	4	1	1
##	2601	0.050933333	0.0000000	0.0	May	1	1	2
##	2602	0.019191919	0.0000000	0.0	May	2	2	1
##	2603	0.029430894	0.0000000	0.6	May	2	2	7
##	2604	0.018387097	2.0508145	0.0	May	1	1	6
##	2605	0.033333333	0.0000000	0.0	May	3	2	1
##	2606	0.027272727	0.0000000	0.6	May	1	1	1
##	2607	0.030158730	5.9971429	1.0	May	2	2	4
##	2608	0.200000000	0.0000000	0.8	May	3	2	1
##	2609	0.045454545	0.0000000	0.0	May	2	2	3
##	2610	0.082692308	0.0000000	0.6	May	1	6	1
##	2611	0.133333333	0.0000000	1.0	May	1	1	1
##	2612	0.009574468	0.0000000	0.0	May	2	4	6
##	2613	0.010784314	215.0094118	0.0	May	3	2	4
##	2614	0.007692308	0.0000000	0.0	May	1	2	6
##	2615	0.050000000	0.0000000	0.6	May	1	2	2
##	2616	0.017016807	5.2207059	0.0	May	3	2	2
##	2617	0.032020784	15.0047619	0.0	May	1	2	2
##	2618	0.015897436	0.0000000	0.0	May	2	2	3
##	2619	0.050000000	0.0000000	0.0	May	4	2	1
##	2620	0.015888889	4.2302122	0.0	May	2	2	2
##	2621	0.100000000	0.0000000	0.0	May	3	2	8
##	2622	0.008161036	11.8023365	0.0	May	1	1	1
##	2623	0.019230769	4.7095000	1.0	May	2	2	9
##	2624	0.100000000	0.0000000	0.0	May	2	2	1
##	2625	0.020512821	0.0000000	0.0	May	1	2	8
##	2626	0.022222222	0.0000000	0.0	May	3	2	1
##	2627	0.008000000	0.0000000	0.0	May	1	1	1
##	2628	0.025000000	0.0000000	0.0	May	2	2	3
##	2629	0.016000000	0.0000000	0.0	May	2	2	1
##	2630	0.200000000	0.0000000	0.0	May	2	2	3
##	2631	0.040476190	0.0000000	0.0	May	2	2	1
##	2632	0.024444444	0.0000000	0.0	May	2	2	7
##	2633	0.092753623	0.0000000	0.6	May	3	2	2
##	2634	0.200000000	0.0000000	0.0	May	6	2	3
##	2635	0.175000000	0.0000000	0.4	May	2	2	1
##	2636	0.083333333	0.0000000	0.0	May	2	4	3
##	2637	0.200000000	0.0000000	0.0	May	3	2	3
##	2638	0.028828829	9.9229730	0.6	May	2	6	2
##	2639	0.166666667	0.0000000	0.0	May	2	2	3
##	2640	0.200000000	0.0000000	0.0	May	3	2	3
##	2641	0.015384615	44.2966154	0.0	May	1	1	1
##	2642	0.200000000	0.0000000	0.0	May	3	2	4
##	2643	0.078269231	0.0000000	0.0	May	2	2	2
##	2644	0.028421053	0.0000000	0.0	May	2	2	1
##	2645	0.044444444	0.0000000	0.2	May	3	2	3
##	2646	0.028571429	0.0000000	0.0	May	2	2	9
##	2647	0.008000000	0.0000000	0.0	May	2	2	1

## 2648	0.022727273	0.0000000	0.6	May	3	7	3
## 2649	0.025000000	0.0000000	0.2	May	3	2	1
## 2650	0.026819923	0.0000000	0.8	May	2	2	2
## 2651	0.033333333	0.0000000	0.0	May	2	2	6
## 2652	0.020429089	0.0000000	0.0	May	3	2	1
## 2653	0.042424242	0.0000000	0.0	May	2	2	8
## 2654	0.028571429	0.0000000	0.0	May	2	2	2
## 2655	0.100000000	0.0000000	0.8	May	2	2	1
## 2656	0.160000000	0.0000000	0.6	May	3	2	1
## 2657	0.017471264	3.0990000	0.6	May	2	2	2
## 2658	0.200000000	0.0000000	0.0	May	1	1	5
## 2659	0.066666667	0.0000000	0.0	May	2	2	6
## 2660	0.020000000	0.0000000	1.0	May	1	1	1
## 2661	0.200000000	0.0000000	0.0	May	2	4	9
## 2662	0.004444444	32.1421333	0.6	May	3	2	2
## 2663	0.072115385	0.0000000	0.8	May	2	2	1
## 2664	0.016666667	4.9872375	0.0	May	2	2	1
## 2665	0.016049383	0.0000000	0.0	May	1	1	1
## 2666	0.200000000	0.0000000	0.8	May	2	2	3
## 2667	0.038562092	0.0000000	0.2	May	3	2	1
## 2668	0.093333333	0.0000000	0.6	May	1	1	1
## 2669	0.064880952	0.0000000	0.0	May	2	2	6
## 2670	0.025750000	0.0000000	0.4	May	2	2	1
## 2671	0.030000000	19.4281000	0.0	May	2	2	1
## 2672	0.014285714	0.0000000	0.0	May	2	2	1
## 2673	0.069696970	0.0000000	0.0	May	2	2	2
## 2674	0.009523810	0.0000000	0.0	May	2	10	3
## 2675	0.027777778	19.5953333	0.0	May	4	1	2
## 2676	0.024137931	0.0000000	0.8	May	2	2	7
## 2677	0.100000000	0.0000000	0.0	May	2	6	7
## 2678	0.073412698	0.0000000	0.0	May	2	2	6
## 2679	0.008587569	2.0877827	0.0	May	3	2	7
## 2680	0.043950617	3.9191270	0.0	May	1	1	7
## 2681	0.052941176	0.0000000	0.8	May	2	7	9
## 2682	0.057142857	0.0000000	0.8	May	2	2	3
## 2683	0.020000000	0.0000000	0.6	May	2	2	3
## 2684	0.020689655	0.0000000	0.0	May	2	2	5
## 2685	0.016086957	7.8689502	0.0	May	2	2	2
## 2686	0.035374150	0.0000000	0.0	May	2	5	7
## 2687	0.093859649	0.0000000	0.0	May	3	2	6
## 2688	0.150000000	0.0000000	0.8	May	2	2	4
## 2689	0.007993197	0.0000000	0.0	May	1	1	3
## 2690	0.100000000	0.0000000	0.8	May	2	2	1
## 2691	0.014285714	0.0000000	0.8	May	2	2	3
## 2692	0.009090909	0.0000000	0.0	May	1	1	3
## 2693	0.003571429	0.0000000	0.0	May	3	2	1
## 2694	0.011904762	12.5588571	0.0	May	2	2	1
## 2695	0.080000000	0.0000000	0.4	May	2	2	1
## 2696	0.200000000	0.0000000	0.0	May	1	1	3
## 2697	0.018407960	0.0000000	0.8	May	2	2	6
## 2698	0.059814815	33.4405556	0.0	May	2	2	7
## 2699	0.020897436	9.0273208	0.0	May	2	7	4
## 2700	0.040000000	0.0000000	0.0	May	2	2	5
## 2701	0.144444444	0.0000000	1.0	May	3	2	7

## 2702	0.029597244	0.0000000	0.0	May	3	2	4
## 2703	0.001190476	0.0000000	0.0	May	2	2	1
## 2704	0.200000000	0.0000000	0.0	May	1	1	2
## 2705	0.072916667	0.0000000	0.0	May	1	1	1
## 2706	0.043002538	0.0000000	0.0	May	2	2	4
## 2707	0.057142857	0.0000000	0.0	May	4	1	1
## 2708	0.009523810	71.9440000	0.0	May	4	1	2
## 2709	0.160000000	0.0000000	0.0	May	1	1	4
## 2710	0.039201413	12.0746889	0.0	May	1	1	3
## 2711	0.010434783	0.0000000	0.6	May	4	2	1
## 2712	0.031768707	9.0018571	0.4	May	1	1	3
## 2713	0.058974359	0.0000000	0.2	May	2	2	1
## 2714	0.200000000	0.0000000	0.8	May	3	2	1
## 2715	0.087500000	0.0000000	0.6	May	4	2	1
## 2716	0.057142857	0.0000000	0.0	May	2	2	4
## 2717	0.026470588	0.0000000	0.4	May	2	2	3
## 2718	0.018042396	13.4029826	0.0	May	3	2	6
## 2719	0.033684211	0.0000000	0.0	May	3	2	1
## 2720	0.039269841	14.9643200	0.0	May	1	8	4
## 2721	0.200000000	0.0000000	1.0	May	4	1	2
## 2722	0.006666667	31.4078400	0.0	May	2	2	3
## 2723	0.025000000	0.0000000	0.0	May	2	2	1
## 2724	0.021428571	0.0000000	0.0	May	1	1	1
## 2725	0.033333333	0.0000000	0.8	May	2	4	1
## 2726	0.041869919	0.0000000	1.0	May	2	2	1
## 2727	0.030933333	0.0000000	0.0	May	1	1	1
## 2728	0.056140351	0.0000000	0.0	May	2	5	1
## 2729	0.007753623	7.3453217	0.0	May	1	1	2
## 2730	0.023076923	0.0000000	0.0	May	2	2	4
## 2731	0.150000000	0.0000000	0.0	May	2	2	6
## 2732	0.004273504	47.9312821	0.0	May	3	2	3
## 2733	0.038461538	0.0000000	0.6	May	2	2	1
## 2734	0.057142857	0.0000000	0.8	May	2	2	3
## 2735	0.011458333	30.2693750	0.0	May	2	2	4
## 2736	0.017261905	4.7442063	0.0	May	3	2	8
## 2737	0.020000000	34.4925000	0.8	May	3	2	8
## 2738	0.036666667	10.4445000	0.0	May	2	5	5
## 2739	0.016190476	0.0000000	0.0	May	3	2	2
## 2740	0.016666667	0.0000000	0.0	May	4	1	3
## 2741	0.063636364	0.0000000	0.4	May	2	2	2
## 2742	0.016783217	55.2364615	0.0	May	1	1	3
## 2743	0.043560606	0.0000000	0.0	May	2	2	1
## 2744	0.035000000	20.3940000	0.0	May	2	2	7
## 2745	0.052722840	0.0000000	0.2	May	1	1	1
## 2746	0.200000000	0.0000000	0.0	May	2	6	1
## 2747	0.033333333	64.7880000	0.0	May	2	2	1
## 2748	0.025000000	0.0000000	0.0	May	2	2	9
## 2749	0.200000000	0.0000000	0.0	May	1	1	3
## 2750	0.160000000	0.0000000	0.8	May	2	5	2
## 2751	0.129761905	0.0000000	0.8	May	3	2	1
## 2752	0.071428571	0.0000000	0.4	May	2	5	1
## 2753	0.120000000	0.0000000	0.0	May	3	2	1
## 2754	0.006666667	29.8480000	0.0	May	2	4	1
## 2755	0.020000000	0.0000000	0.0	May	1	1	6

##	2756	0.021428571	0.0000000	0.0	May	2	2	8
##	2757	0.040555556	0.0000000	0.4	May	2	2	1
##	2758	0.042857143	0.0000000	0.0	May	1	1	3
##	2759	0.011111111	0.0000000	0.0	May	2	2	2
##	2760	0.100000000	0.0000000	0.0	May	2	2	1
##	2761	0.033333333	0.0000000	0.6	May	2	2	4
##	2762	0.100000000	0.0000000	0.8	May	2	2	1
##	2763	0.004651163	28.5315349	0.6	May	2	2	4
##	2764	0.046491228	0.0000000	0.4	May	2	5	3
##	2765	0.177777778	0.0000000	0.0	May	3	2	2
##	2766	0.017435897	18.9956154	0.4	May	3	2	1
##	2767	0.133333333	0.0000000	0.8	May	2	2	7
##	2768	0.106666667	0.0000000	0.4	May	2	5	1
##	2769	0.051238095	0.0000000	0.0	May	2	5	4
##	2770	0.025292398	13.1173392	0.0	May	2	2	1
##	2771	0.042424242	0.0000000	0.6	May	2	5	3
##	2772	0.020512821	0.0000000	0.0	May	2	10	7
##	2773	0.200000000	0.0000000	0.0	May	3	3	4
##	2774	0.021971597	0.0000000	0.0	May	2	2	2
##	2775	0.021428571	0.0000000	0.0	May	2	2	8
##	2776	0.018076564	0.0000000	0.0	May	3	2	1
##	2777	0.011632486	0.7610763	0.0	May	2	2	2
##	2778	0.016284567	0.0000000	0.4	May	2	2	2
##	2779	0.054545455	0.0000000	0.6	May	2	2	3
##	2780	0.020000000	0.0000000	0.0	May	2	4	1
##	2781	0.012500000	0.0000000	0.0	May	3	2	4
##	2782	0.001360544	53.2288163	0.0	May	4	1	3
##	2783	0.200000000	0.0000000	0.0	May	2	2	6
##	2784	0.010690797	0.0000000	0.8	May	3	2	1
##	2785	0.120833333	0.0000000	0.0	May	2	4	3
##	2786	0.050000000	0.0000000	0.0	May	2	5	3
##	2787	0.010526316	0.0000000	0.0	May	2	2	1
##	2788	0.078333333	0.0000000	0.8	May	1	1	1
##	2789	0.033333333	0.0000000	0.0	May	1	1	4
##	2790	0.016140351	34.2533684	0.0	May	2	2	3
##	2791	0.015384615	0.0000000	0.0	May	2	2	1
##	2792	0.029824561	0.0000000	0.0	May	2	2	2
##	2793	0.081250000	0.0000000	0.0	May	2	2	1
##	2794	0.037500000	0.0000000	0.0	May	3	2	9
##	2795	0.047074074	10.6480571	0.0	May	4	1	1
##	2796	0.200000000	0.0000000	0.0	May	3	2	7
##	2797	0.011337868	4.7599354	0.0	May	1	2	4
##	2798	0.100000000	0.0000000	0.0	May	2	2	1
##	2799	0.016666667	0.0000000	0.0	May	1	2	2
##	2800	0.020000000	0.0000000	0.0	May	2	2	1
##	2801	0.041666667	0.0000000	0.0	May	2	2	7
##	2802	0.036549708	0.0000000	0.2	May	2	2	1
##	2803	0.003571429	0.0000000	0.0	May	3	2	4
##	2804	0.022024757	0.0000000	0.0	May	2	2	3
##	2805	0.028571429	0.0000000	0.0	May	2	10	6
##	2806	0.042222222	0.0000000	0.4	May	2	2	4
##	2807	0.008333333	0.0000000	0.0	May	3	2	4
##	2808	0.029259259	0.0000000	0.4	May	1	1	7
##	2809	0.015384615	0.0000000	0.0	May	3	2	5

##	2810	0.075000000	0.0000000	0.2	May	2	2	6
##	2811	0.050000000	0.0000000	0.0	May	2	4	3
##	2812	0.010452962	39.7557724	0.0	May	2	2	3
##	2813	0.012789661	17.0797823	0.2	May	3	2	4
##	2814	0.200000000	0.0000000	0.0	May	2	2	1
##	2815	0.041176471	0.0000000	0.0	May	2	2	2
##	2816	0.019404762	5.3829687	0.2	May	3	2	3
##	2817	0.033333333	0.0000000	0.0	May	2	2	3
##	2818	0.023059361	0.0000000	0.8	May	3	2	3
##	2819	0.008333333	0.0000000	0.0	May	3	2	3
##	2820	0.040977778	0.0000000	0.4	May	2	2	5
##	2821	0.045000000	0.0000000	0.0	May	3	2	7
##	2822	0.010000000	0.0000000	0.0	May	2	4	1
##	2823	0.080000000	0.0000000	0.0	May	2	2	3
##	2824	0.007407407	0.0000000	0.0	May	1	1	1
##	2825	0.100000000	0.0000000	0.0	May	3	2	3
##	2826	0.022222222	97.9800000	0.0	May	1	1	4
##	2827	0.013333333	0.0000000	0.6	May	2	2	9
##	2828	0.021052632	0.0000000	0.0	May	2	2	7
##	2829	0.033469388	5.4663878	1.0	May	2	2	1
##	2830	0.036936937	0.0000000	1.0	May	2	2	1
##	2831	0.004818713	0.0000000	0.0	May	3	2	1
##	2832	0.033333333	0.0000000	0.0	May	1	1	4
##	2833	0.138461538	0.0000000	0.4	May	3	2	1
##	2834	0.008000000	0.0000000	0.2	May	2	2	3
##	2835	0.011111111	0.0000000	0.0	May	2	2	1
##	2836	0.033646617	0.0000000	0.0	May	2	2	7
##	2837	0.004761905	39.8188571	0.0	May	2	4	4
##	2838	0.020000000	0.0000000	0.0	May	3	2	1
##	2839	0.007901699	0.0000000	0.0	May	2	2	2
##	2840	0.021212121	29.7747273	0.0	May	2	5	1
##	2841	0.040000000	0.0000000	0.6	May	2	2	2
##	2842	0.073696145	0.0000000	0.0	May	3	2	1
##	2843	0.015384615	0.0000000	0.4	May	2	2	7
##	2844	0.001715686	0.0000000	0.8	May	2	2	2
##	2845	0.014285714	0.0000000	0.0	May	3	2	1
##	2846	0.026416667	0.0000000	0.8	May	2	6	3
##	2847	0.016885965	12.6858316	0.0	May	2	2	2
##	2848	0.008333333	0.0000000	0.0	May	2	5	7
##	2849	0.200000000	0.0000000	0.4	May	3	2	4
##	2850	0.019927536	0.0000000	0.8	May	3	2	8
##	2851	0.057142857	0.0000000	0.0	May	2	2	1
##	2852	0.066666667	0.0000000	0.6	May	2	4	3
##	2853	0.030000000	0.0000000	0.4	May	3	2	6
##	2854	0.018513906	20.9723973	0.0	May	2	2	1
##	2855	0.006649462	15.4772076	0.0	May	2	2	3
##	2856	0.043434343	0.0000000	0.4	May	2	1	7
##	2857	0.072000000	0.0000000	0.0	May	2	2	3
##	2858	0.005896806	22.5888649	0.0	May	2	2	3
##	2859	0.013141026	12.8370513	0.8	May	3	2	4
##	2860	0.058666667	0.0000000	1.0	May	3	2	3
##	2861	0.120000000	0.0000000	0.0	May	2	2	6
##	2862	0.028571429	0.0000000	0.0	May	2	2	6
##	2863	0.084722222	0.0000000	0.0	May	2	2	1

##	2864	0.023529412	0.0000000	0.0	May	2	2	3
##	2865	0.050000000	0.0000000	0.0	May	1	1	2
##	2866	0.007619048	53.1014286	0.0	May	2	2	6
##	2867	0.085714286	0.0000000	0.6	May	2	2	4
##	2868	0.011111111	0.0000000	0.0	May	2	2	1
##	2869	0.100877193	0.0000000	0.4	May	3	2	1
##	2870	0.125000000	0.0000000	0.6	May	2	4	9
##	2871	0.200000000	0.0000000	0.0	May	1	1	4
##	2872	0.041156463	0.0000000	0.0	May	3	2	4
##	2873	0.100000000	0.0000000	0.0	May	3	2	1
##	2874	0.034791667	0.0000000	0.0	May	3	2	2
##	2875	0.014389234	18.1244609	0.0	May	2	2	1
##	2876	0.013333333	0.0000000	0.0	May	3	2	2
##	2877	0.020833333	0.0000000	0.0	May	2	2	1
##	2878	0.013636364	49.5482727	0.0	May	2	2	4
##	2879	0.100000000	0.0000000	0.6	May	2	2	1
##	2880	0.013333333	43.2520000	0.2	May	2	4	1
##	2881	0.200000000	0.0000000	0.4	May	2	4	6
##	2882	0.021212121	7.2917576	0.0	May	1	1	1
##	2883	0.017777778	0.0000000	0.0	May	2	2	1
##	2884	0.066666667	0.0000000	0.0	May	2	2	4
##	2885	0.038571429	10.0208571	0.6	May	3	2	1
##	2886	0.008333333	0.0000000	0.2	May	2	2	1
##	2887	0.006666667	0.0000000	0.0	May	2	2	7
##	2888	0.003571429	0.0000000	0.6	May	2	4	1
##	2889	0.102285714	0.0000000	0.0	May	3	2	4
##	2890	0.037634409	0.0000000	0.0	May	2	2	1
##	2891	0.011428571	0.0000000	0.0	May	1	1	1
##	2892	0.010741385	26.0237706	0.0	May	2	2	1
##	2893	0.067857143	0.0000000	0.8	May	2	6	1
##	2894	0.014707510	0.0000000	0.0	May	2	2	1
##	2895	0.002298851	82.1236782	0.0	May	4	1	7
##	2896	0.111111111	0.0000000	0.4	May	2	2	5
##	2897	0.030000000	0.0000000	0.8	May	3	2	8
##	2898	0.040000000	0.0000000	0.0	May	2	2	1
##	2899	0.063333333	0.0000000	0.0	May	2	2	6
##	2900	0.060000000	0.0000000	0.0	May	2	2	3
##	2901	0.200000000	0.0000000	0.0	May	1	1	3
##	2902	0.033012821	0.0000000	0.0	May	2	6	1
##	2903	0.051428571	25.1940000	0.8	May	2	2	3
##	2904	0.011111111	0.0000000	0.2	May	2	2	2
##	2905	0.041666667	0.0000000	0.0	May	2	2	4
##	2906	0.063947520	0.0000000	0.4	May	3	2	1
##	2907	0.025305250	0.0000000	0.8	May	3	2	3
##	2908	0.028571429	0.0000000	0.0	May	2	4	1
##	2909	0.016296296	75.3086469	0.0	May	2	2	8
##	2910	0.075000000	0.0000000	0.0	May	2	2	6
##	2911	0.042424242	0.0000000	1.0	May	2	6	2
##	2912	0.033333333	0.0000000	0.0	May	2	4	3
##	2913	0.011627907	0.0000000	0.0	May	2	2	1
##	2914	0.083333333	0.0000000	0.0	May	2	2	4
##	2915	0.100000000	0.0000000	0.0	May	2	2	1
##	2916	0.071111111	0.0000000	0.2	May	2	5	1
##	2917	0.057878788	0.0000000	0.0	May	3	2	4

##	2918	0.027777778	0.0000000	0.0	May	2	4	4
##	2919	0.062500000	0.0000000	1.0	May	3	3	3
##	2920	0.013814416	2.9954658	0.0	May	2	5	3
##	2921	0.014672365	18.0858461	0.0	May	2	4	5
##	2922	0.013416263	6.9765046	1.0	May	2	2	3
##	2923	0.011871220	2.3534446	1.0	May	3	2	3
##	2924	0.040625000	0.0000000	0.0	May	2	4	3
##	2925	0.016888889	0.0000000	0.0	May	2	2	2
##	2926	0.040000000	0.0000000	0.0	May	1	8	4
##	2927	0.010935374	13.7181257	0.4	May	3	2	3
##	2928	0.027309942	17.1674597	0.6	May	2	2	1
##	2929	0.119473684	0.0000000	1.0	May	3	2	4
##	2930	0.084000000	0.0000000	0.8	May	2	2	6
##	2931	0.055555556	0.0000000	0.0	May	1	1	1
##	2932	0.200000000	0.0000000	0.0	May	1	1	6
##	2933	0.060000000	0.0000000	0.6	May	1	1	1
##	2934	0.133333333	0.0000000	0.8	May	2	2	2
##	2935	0.003333333	0.0000000	0.0	May	2	5	1
##	2936	0.033333333	0.0000000	0.0	May	4	2	8
##	2937	0.015013618	0.0000000	1.0	May	3	2	1
##	2938	0.050000000	0.0000000	0.0	May	2	5	6
##	2939	0.005263158	0.0000000	0.0	May	2	2	2
##	2940	0.003974359	0.0000000	0.0	May	4	2	2
##	2941	0.014967419	0.0000000	0.0	May	2	5	1
##	2942	0.033333333	0.0000000	0.0	May	1	1	1
##	2943	0.032380952	11.0194286	0.0	May	2	4	3
##	2944	0.200000000	0.0000000	0.2	May	2	2	6
##	2945	0.047238095	0.0000000	0.0	May	3	2	4
##	2946	0.013333333	16.1892000	0.0	May	2	2	7
##	2947	0.014814815	0.0000000	0.0	May	3	2	8
##	2948	0.021388889	0.0000000	0.0	May	2	2	2
##	2949	0.023535354	0.0000000	0.0	May	2	2	2
##	2950	0.031818182	0.0000000	0.2	May	1	1	2
##	2951	0.041666667	9.2970000	0.0	May	2	4	3
##	2952	0.109090909	0.0000000	0.0	May	2	2	1
##	2953	0.033333333	0.0000000	0.0	May	2	2	1
##	2954	0.019875776	0.0000000	0.0	May	1	1	3
##	2955	0.019047619	0.0000000	0.0	May	3	2	3
##	2956	0.049396552	0.0000000	0.6	May	2	2	3
##	2957	0.200000000	0.0000000	0.0	May	2	2	6
##	2958	0.033333333	0.0000000	0.0	May	1	1	3
##	2959	0.040000000	0.0000000	0.0	May	2	2	7
##	2960	0.150000000	0.0000000	0.6	May	2	5	1
##	2961	0.034444444	0.0000000	0.8	May	2	2	7
##	2962	0.042857143	0.0000000	0.0	May	2	2	4
##	2963	0.050000000	0.0000000	0.0	May	2	2	4
##	2964	0.004809853	27.8997753	0.0	May	4	2	6
##	2965	0.060000000	0.0000000	0.0	May	2	2	1
##	2966	0.050000000	0.0000000	0.0	May	2	2	6
##	2967	0.020000000	79.1820000	0.0	May	2	4	1
##	2968	0.007142857	0.0000000	0.0	May	2	2	4
##	2969	0.014285714	0.0000000	0.0	May	3	3	4
##	2970	0.010000000	0.0000000	0.0	May	2	2	1
##	2971	0.080000000	0.0000000	1.0	May	2	2	5

##	2972	0.005855856	0.0000000	0.0	May	1	1	2
##	2973	0.042647059	0.0000000	0.8	May	2	2	1
##	2974	0.002734559	11.9791069	0.0	May	4	1	5
##	2975	0.012763533	0.0000000	0.8	May	2	2	3
##	2976	0.035072464	0.0000000	0.0	May	1	1	6
##	2977	0.013333333	0.0000000	0.0	May	2	2	6
##	2978	0.014285714	0.0000000	0.8	May	2	2	1
##	2979	0.060000000	0.0000000	0.4	May	2	5	1
##	2980	0.072240260	0.0000000	0.8	May	3	2	1
##	2981	0.020000000	0.0000000	0.0	May	2	2	7
##	2982	0.015536723	15.3576034	0.0	May	2	2	1
##	2983	0.006428571	0.0000000	0.8	May	2	4	4
##	2984	0.006250000	0.0000000	0.0	May	2	5	7
##	2985	0.029629630	0.0000000	0.0	May	3	2	1
##	2986	0.017267081	5.9811667	0.0	May	3	2	3
##	2987	0.014285714	0.0000000	0.0	May	2	2	1
##	2988	0.003333333	0.0000000	0.0	May	3	2	7
##	2989	0.001250000	0.0000000	0.0	May	1	1	7
##	2990	0.030555556	12.1800000	0.6	May	1	1	4
##	2991	0.041269841	14.9964286	0.0	May	2	2	3
##	2992	0.011954023	0.0000000	0.0	May	2	2	1
##	2993	0.019298246	15.2490000	0.4	May	2	6	1
##	2994	0.039989226	0.0000000	0.6	May	2	2	2
##	2995	0.046153846	0.0000000	0.4	May	2	2	7
##	2996	0.020000000	0.0000000	0.0	May	2	2	3
##	2997	0.055225225	0.0000000	1.0	May	1	1	7
##	2998	0.016666667	0.0000000	0.0	May	3	2	6
##	2999	0.087407407	0.0000000	0.6	May	3	2	1
##	3000	0.020000000	0.0000000	0.0	May	1	1	1
##	3001	0.200000000	0.0000000	0.0	May	2	10	3
##	3002	0.053333333	0.0000000	0.0	May	2	2	1
##	3003	0.133333333	0.0000000	0.4	May	2	12	8
##	3004	0.057142857	0.0000000	0.0	May	2	2	1
##	3005	0.011827957	9.3118548	0.0	May	2	2	5
##	3006	0.036363636	0.0000000	0.0	May	2	2	1
##	3007	0.006327684	10.2459830	0.0	May	2	2	2
##	3008	0.033333333	0.0000000	0.8	May	4	1	4
##	3009	0.035294118	0.0000000	0.6	May	4	1	3
##	3010	0.033333333	0.0000000	0.0	May	4	2	4
##	3011	0.046153846	0.0000000	0.0	May	1	1	3
##	3012	0.032291667	0.0000000	0.0	May	2	5	1
##	3013	0.040000000	0.0000000	0.0	May	4	1	1
##	3014	0.102083333	0.0000000	0.2	May	3	2	1
##	3015	0.022222222	0.0000000	0.2	May	1	1	3
##	3016	0.021833333	0.0000000	1.0	May	2	2	4
##	3017	0.003225806	22.0880000	0.0	May	2	2	1
##	3018	0.059047619	0.0000000	0.8	May	3	2	1
##	3019	0.013333333	0.0000000	0.0	May	2	2	5
##	3020	0.011111111	0.0000000	0.0	May	2	2	1
##	3021	0.025000000	0.0000000	0.6	May	3	2	3
##	3022	0.200000000	0.0000000	0.8	May	3	2	3
##	3023	0.008333333	0.0000000	0.0	May	2	4	2
##	3024	0.033523810	0.0000000	0.0	May	3	2	4
##	3025	0.100000000	0.0000000	0.0	May	2	2	1

##	3026	0.022222222	0.0000000	0.0	May	2	2	4
##	3027	0.050000000	0.0000000	0.6	May	3	3	7
##	3028	0.040659551	0.0000000	0.8	May	2	2	6
##	3029	0.030769231	9.4075385	0.0	May	2	2	3
##	3030	0.080000000	0.0000000	0.6	May	3	2	3
##	3031	0.022874780	0.0000000	0.6	May	3	2	7
##	3032	0.019148936	0.0000000	0.0	May	2	2	3
##	3033	0.026829268	0.0000000	0.0	May	2	2	1
##	3034	0.013157895	0.0000000	0.0	May	2	2	3
##	3035	0.013333333	0.0000000	0.0	May	2	2	4
##	3036	0.013690476	0.0000000	0.0	May	3	2	2
##	3037	0.027288961	0.0000000	0.8	May	2	2	3
##	3038	0.080000000	0.0000000	0.0	May	2	2	1
##	3039	0.093333333	0.0000000	0.8	May	3	2	3
##	3040	0.037435897	0.0000000	0.0	May	2	2	7
##	3041	0.066666667	0.0000000	0.0	May	2	7	3
##	3042	0.012857143	0.0000000	0.0	May	3	2	5
##	3043	0.188888889	0.0000000	0.8	May	3	2	6
##	3044	0.007218823	11.2960704	0.0	May	4	1	3
##	3045	0.015970880	2.7769073	0.6	May	3	2	2
##	3046	0.005555556	0.0000000	0.6	May	1	1	1
##	3047	0.013846154	49.6630769	0.0	May	4	2	4
##	3048	0.032583774	0.0000000	0.0	May	2	2	4
##	3049	0.046060606	0.0000000	0.6	May	1	1	3
##	3050	0.022857143	0.0000000	0.0	May	2	2	3
##	3051	0.029535519	0.0000000	0.0	May	2	2	4
##	3052	0.047619048	0.0000000	0.0	May	3	2	8
##	3053	0.200000000	0.0000000	0.0	May	3	2	4
##	3054	0.122222222	0.0000000	1.0	May	2	6	1
##	3055	0.026666667	0.0000000	0.0	May	3	3	4
##	3056	0.044444444	0.0000000	0.2	May	1	2	1
##	3057	0.033333333	0.0000000	0.0	May	3	2	1
##	3058	0.033870968	19.5550193	0.0	May	2	4	7
##	3059	0.025000000	0.0000000	0.0	May	1	1	1
##	3060	0.066666667	0.0000000	0.6	May	2	2	1
##	3061	0.100000000	0.0000000	0.8	May	2	4	1
##	3062	0.026923077	0.0000000	0.0	May	2	2	7
##	3063	0.016666667	239.9800000	0.0	May	2	2	5
##	3064	0.018965517	0.0000000	0.0	May	3	2	3
##	3065	0.040000000	0.0000000	0.0	May	2	6	6
##	3066	0.036830357	0.0000000	1.0	May	1	1	3
##	3067	0.040310120	0.0000000	1.0	May	2	2	1
##	3068	0.024242424	0.0000000	0.0	May	2	2	8
##	3069	0.022222222	0.0000000	0.0	May	1	8	6
##	3070	0.023809524	5.5692857	0.0	May	2	2	2
##	3071	0.070138889	0.0000000	0.0	May	3	2	2
##	3072	0.052840909	25.6164583	0.8	May	3	2	1
##	3073	0.057142857	12.5588571	0.0	May	2	2	7
##	3074	0.005000000	0.0000000	0.0	May	2	2	4
##	3075	0.005128205	0.0000000	0.0	May	1	1	4
##	3076	0.003030303	0.0000000	0.0	May	2	2	2
##	3077	0.054545455	0.0000000	0.6	May	2	2	1
##	3078	0.003846154	0.0000000	0.0	May	2	2	3
##	3079	0.073333333	0.0000000	0.8	May	3	2	1

##	3080	0.017232253	0.0000000	1.0	May	3	2	8
##	3081	0.040000000	0.0000000	0.0	May	4	2	3
##	3082	0.036363636	26.2298182	0.0	May	2	2	1
##	3083	0.002325581	80.0434419	0.0	May	2	2	1
##	3084	0.100000000	0.0000000	0.0	May	1	1	4
##	3085	0.022222222	0.0000000	0.2	May	2	2	1
##	3086	0.014285714	39.2714571	0.0	May	2	6	6
##	3087	0.066666667	0.0000000	0.0	May	1	1	2
##	3088	0.066666667	0.0000000	0.0	May	2	6	4
##	3089	0.100000000	0.0000000	0.6	May	1	1	3
##	3090	0.200000000	0.0000000	0.0	May	1	1	3
##	3091	0.150000000	0.0000000	0.0	May	1	1	3
##	3092	0.014285714	0.0000000	0.0	May	1	1	6
##	3093	0.028571429	0.0000000	0.0	May	2	2	2
##	3094	0.200000000	0.0000000	0.8	May	2	2	1
##	3095	0.160000000	0.0000000	0.8	May	2	5	3
##	3096	0.029877803	0.0000000	0.0	May	3	2	1
##	3097	0.010000000	0.0000000	0.2	May	2	2	3
##	3098	0.012500000	0.0000000	0.2	May	2	2	2
##	3099	0.031196581	8.7811442	0.0	May	2	2	1
##	3100	0.047619048	0.0000000	0.6	May	1	1	2
##	3101	0.011333333	2.9674933	0.0	May	2	2	1
##	3102	0.016825397	17.3917143	0.0	May	3	2	3
##	3103	0.051999065	0.0000000	0.0	May	3	2	6
##	3104	0.030000000	0.0000000	0.8	May	3	2	1
##	3105	0.075277778	0.0000000	0.6	May	1	1	3
##	3106	0.008666667	41.8689600	0.0	May	3	3	1
##	3107	0.028645833	0.0000000	0.0	May	2	2	6
##	3108	0.018181818	0.0000000	0.0	May	1	1	3
##	3109	0.013849519	2.9175181	0.8	May	2	2	1
##	3110	0.200000000	0.0000000	0.0	May	1	1	3
##	3111	0.016666667	0.0000000	0.8	May	3	3	1
##	3112	0.080000000	0.0000000	0.0	May	1	8	4
##	3113	0.066666667	0.0000000	0.0	May	3	2	3
##	3114	0.010526316	0.0000000	0.8	May	2	4	1
##	3115	0.001915584	0.0000000	0.0	May	2	4	3
##	3116	0.018061840	0.0000000	0.0	May	1	1	2
##	3117	0.004005848	60.4338526	0.2	May	2	2	4
##	3118	0.048765432	0.0000000	0.0	May	2	5	6
##	3119	0.054710145	0.0000000	1.0	May	3	2	3
##	3120	0.200000000	0.0000000	0.0	May	2	2	1
##	3121	0.006060606	0.0000000	0.0	May	1	1	6
##	3122	0.019399025	10.6733171	0.6	May	2	2	3
##	3123	0.200000000	0.0000000	0.2	May	3	2	3
##	3124	0.008695652	32.8085217	0.0	May	1	1	2
##	3125	0.003846154	0.0000000	0.0	May	2	4	4
##	3126	0.200000000	0.0000000	0.0	May	1	1	2
##	3127	0.018181818	0.0000000	0.0	May	2	2	3
##	3128	0.007407407	0.0000000	0.0	May	2	2	3
##	3129	0.026830934	0.0000000	0.6	May	2	5	3
##	3130	0.025000000	0.0000000	0.0	May	1	1	1
##	3131	0.015128205	0.0000000	0.0	May	2	2	6
##	3132	0.015244789	0.0000000	0.2	May	1	1	3
##	3133	0.050000000	0.0000000	0.0	May	4	5	1

##	3134	0.200000000	0.0000000	0.6	May	1	1	2
##	3135	0.105555556	0.0000000	0.8	May	3	2	8
##	3136	0.100000000	0.0000000	0.0	May	1	1	3
##	3137	0.023529412	60.3423529	0.6	May	2	2	1
##	3138	0.019960276	0.0000000	0.0	May	4	1	3
##	3139	0.001273148	0.0000000	0.0	May	2	2	6
##	3140	0.200000000	0.0000000	0.0	May	2	2	8
##	3141	0.012345679	0.0000000	0.0	May	2	2	1
##	3142	0.015686275	0.0000000	0.0	May	4	1	1
##	3143	0.006250000	115.4862500	0.0	May	2	2	3
##	3144	0.029405769	13.7735581	0.8	May	2	2	1
##	3145	0.083333333	0.0000000	0.4	May	2	2	3
##	3146	0.015306122	25.4132143	0.6	May	2	6	1
##	3147	0.022222222	51.1760000	0.0	May	2	2	1
##	3148	0.027420635	7.5301071	0.8	May	2	2	1
##	3149	0.016666667	0.0000000	0.8	May	3	2	3
##	3150	0.000409836	0.0000000	0.6	May	2	5	3
##	3151	0.044962458	0.0000000	0.0	May	3	2	3
##	3152	0.024242424	0.0000000	0.0	May	2	2	1
##	3153	0.006678351	119.6414737	0.0	May	1	1	2
##	3154	0.034615385	0.0000000	0.4	May	2	2	5
##	3155	0.001851852	12.8915000	0.0	May	4	1	1
##	3156	0.016163522	0.0000000	0.0	May	3	3	3
##	3157	0.055000000	0.0000000	0.0	May	3	2	1
##	3158	0.012500000	0.0000000	0.0	May	2	2	1
##	3159	0.020000000	3.4900364	0.0	May	2	2	3
##	3160	0.010985222	45.6987356	0.0	May	6	2	4
##	3161	0.004545455	0.0000000	0.0	May	2	4	9
##	3162	0.033333333	0.0000000	0.6	May	2	2	5
##	3163	0.050000000	0.0000000	0.0	May	2	2	9
##	3164	0.020286738	3.3226667	0.0	May	1	1	1
##	3165	0.166666667	0.0000000	0.0	May	1	1	3
##	3166	0.005632184	0.0000000	0.0	May	2	4	1
##	3167	0.021904762	0.0000000	0.0	May	2	2	7
##	3168	0.017682257	8.9608965	0.0	May	2	2	2
##	3169	0.027146119	0.0000000	0.0	May	2	2	2
##	3170	0.006172840	0.0000000	0.8	May	2	2	1
##	3171	0.030666667	0.0000000	0.8	May	2	10	1
##	3172	0.010454545	23.6215909	0.0	May	1	1	1
##	3173	0.011111111	36.6544444	0.0	May	2	2	2
##	3174	0.029239766	5.3040000	0.0	May	2	5	2
##	3175	0.062962963	0.0000000	0.0	May	3	2	1
##	3176	0.200000000	0.0000000	0.6	May	1	2	3
##	3177	0.075000000	0.0000000	0.0	May	1	1	8
##	3178	0.122222222	0.0000000	0.0	May	3	2	3
##	3179	0.028000000	1.8475200	0.0	May	2	2	1
##	3180	0.070490196	4.2792941	0.0	May	2	4	2
##	3181	0.014808078	0.0000000	0.0	May	2	2	1
##	3182	0.041176471	0.0000000	0.0	May	2	5	1
##	3183	0.083333333	0.0000000	0.6	May	2	2	1
##	3184	0.044444444	0.0000000	0.0	May	2	2	9
##	3185	0.017142857	0.0000000	0.6	May	2	10	1
##	3186	0.044312169	0.0000000	0.4	May	2	2	6
##	3187	0.017959184	0.0000000	0.0	May	2	5	4

## 3188	0.019480519	0.0000000	0.0	May	2	2	3
## 3189	0.008333333	0.0000000	0.0	May	2	2	9
## 3190	0.029166667	0.0000000	0.0	May	1	1	2
## 3191	0.033333333	0.0000000	0.0	May	2	2	1
## 3192	0.015277778	34.2607778	0.4	May	1	1	8
## 3193	0.066666667	0.0000000	0.2	May	2	2	1
## 3194	0.012820513	0.0000000	0.4	May	4	1	3
## 3195	0.011111111	0.0000000	0.0	May	2	2	8
## 3196	0.026281080	2.0905000	0.0	May	2	2	3
## 3197	0.040000000	0.0000000	0.0	May	4	1	3
## 3198	0.017931489	0.0000000	0.4	May	2	4	7
## 3199	0.005454545	0.0000000	0.0	May	3	2	4
## 3200	0.017500000	23.4154000	0.0	May	2	2	3
## 3201	0.018750000	0.0000000	0.0	May	3	2	1
## 3202	0.072000000	0.0000000	0.0	May	3	2	1
## 3203	0.015873016	0.0000000	0.0	May	4	1	1
## 3204	0.037500000	0.0000000	0.0	May	2	2	2
## 3205	0.034077383	0.0000000	1.0	May	3	2	1
## 3206	0.011685393	0.0000000	0.2	May	4	2	1
## 3207	0.100000000	0.0000000	0.0	May	1	1	1
## 3208	0.015384615	0.0000000	0.0	May	2	2	7
## 3209	0.071296296	0.0000000	0.8	May	2	2	6
## 3210	0.075000000	0.0000000	0.0	May	2	2	8
## 3211	0.066666667	0.0000000	0.0	May	2	4	1
## 3212	0.021951220	6.0721585	0.0	May	2	2	2
## 3213	0.008333333	0.0000000	0.4	May	2	2	1
## 3214	0.114814815	0.0000000	0.0	May	2	2	1
## 3215	0.008376076	0.0000000	0.8	May	1	1	6
## 3216	0.080000000	0.0000000	0.6	May	2	2	2
## 3217	0.200000000	0.0000000	0.6	May	2	2	3
## 3218	0.011870845	49.9543818	0.0	May	2	2	1
## 3219	0.053636364	0.0000000	0.6	May	1	1	1
## 3220	0.025750000	24.6142500	0.2	May	2	2	1
## 3221	0.200000000	0.0000000	0.0	May	2	2	1
## 3222	0.102717391	0.0000000	0.8	May	2	5	1
## 3223	0.007715618	98.0426256	0.0	May	2	2	1
## 3224	0.022222222	0.0000000	0.0	May	2	2	3
## 3225	0.022222222	0.0000000	0.0	May	3	2	3
## 3226	0.050000000	0.0000000	0.0	May	4	1	1
## 3227	0.013809524	0.0000000	0.0	May	1	1	1
## 3228	0.016684020	0.0000000	0.0	May	3	2	7
## 3229	0.040740741	0.0000000	0.6	May	2	2	6
## 3230	0.016666667	0.0000000	0.2	May	2	2	5
## 3231	0.013333333	0.0000000	0.0	May	1	1	1
## 3232	0.020779221	0.0000000	0.4	May	3	2	4
## 3233	0.100000000	0.0000000	0.0	May	2	5	3
## 3234	0.025161290	15.5119355	0.0	May	2	2	1
## 3235	0.200000000	0.0000000	0.0	May	3	2	9
## 3236	0.016666667	26.8752000	0.0	May	2	2	1
## 3237	0.041198413	0.0000000	0.0	May	2	4	1
## 3238	0.200000000	0.0000000	0.4	May	1	1	1
## 3239	0.018181818	0.0000000	0.0	May	3	2	9
## 3240	0.025000000	0.0000000	0.0	May	2	2	3
## 3241	0.055555556	0.0000000	0.2	May	2	2	4

##	3242	0.019047619	0.0000000	0.0	May	2	2	2
##	3243	0.009929078	30.6662411	0.0	May	1	2	6
##	3244	0.066190476	0.0000000	0.0	May	3	2	1
##	3245	0.092857143	0.0000000	0.8	May	3	2	6
##	3246	0.006666667	0.0000000	0.0	May	2	2	1
##	3247	0.008888889	0.0000000	0.0	May	1	1	4
##	3248	0.037500000	0.0000000	0.0	May	2	2	5
##	3249	0.033333333	0.0000000	0.0	May	3	2	4
##	3250	0.033333333	0.0000000	0.4	May	1	1	1
##	3251	0.044642857	0.0000000	0.8	May	2	2	3
##	3252	0.027727273	0.0000000	0.8	May	4	2	3
##	3253	0.018181818	0.0000000	0.0	May	4	2	1
##	3254	0.037500000	0.0000000	0.0	May	1	1	3
##	3255	0.080000000	0.0000000	0.8	May	2	2	1
##	3256	0.028205128	0.0000000	0.8	May	1	1	1
##	3257	0.033333333	58.4880000	0.0	May	2	5	3
##	3258	0.015855776	2.3211011	1.0	May	2	2	5
##	3259	0.022222222	0.0000000	0.0	May	3	3	1
##	3260	0.009950860	0.0000000	0.2	May	2	10	4
##	3261	0.051515152	0.0000000	0.8	May	2	2	6
##	3262	0.028571429	58.7880000	0.2	May	2	2	3
##	3263	0.064680923	0.0000000	0.2	May	1	1	1
##	3264	0.037647059	0.0000000	0.0	May	2	2	1
##	3265	0.040000000	0.0000000	0.0	May	1	1	6
##	3266	0.025925926	0.0000000	0.0	May	3	2	1
##	3267	0.015384615	124.0320000	0.0	May	1	1	6
##	3268	0.005000000	0.0000000	0.0	May	3	2	4
##	3269	0.133333333	0.0000000	0.4	May	2	2	4
##	3270	0.022222222	18.6533333	0.0	May	2	2	8
##	3271	0.012156298	3.9764723	0.0	May	3	2	1
##	3272	0.012500000	0.0000000	0.0	May	2	10	1
##	3273	0.011688312	0.0000000	0.0	May	1	2	1
##	3274	0.008333333	0.0000000	1.0	May	1	8	1
##	3275	0.050000000	0.0000000	0.0	May	4	1	1
##	3276	0.028571429	0.0000000	0.0	May	4	1	2
##	3277	0.050000000	0.0000000	0.0	May	4	1	1
##	3278	0.030060764	0.0000000	0.0	May	3	2	3
##	3279	0.028125000	0.0000000	0.0	May	2	2	8
##	3280	0.200000000	0.0000000	0.6	May	2	2	1
##	3281	0.200000000	0.0000000	0.0	May	3	2	1
##	3282	0.005882353	0.0000000	0.0	May	2	2	6
##	3283	0.020000000	0.0000000	0.0	May	2	5	8
##	3284	0.012301587	7.0182000	0.0	May	3	2	7
##	3285	0.040625000	0.0000000	0.0	May	2	4	1
##	3286	0.004166667	0.0000000	0.6	May	2	5	1
##	3287	0.018181818	0.0000000	0.0	May	2	7	1
##	3288	0.009302326	63.3947442	0.0	May	2	5	3
##	3289	0.050000000	0.0000000	0.0	May	2	10	2
##	3290	0.020833333	165.6204667	0.0	May	1	1	8
##	3291	0.017619048	16.0710667	0.6	May	2	4	7
##	3292	0.040740741	0.0000000	0.0	May	3	2	3
##	3293	0.059393939	0.0000000	0.0	May	2	2	3
##	3294	0.100000000	0.0000000	0.0	May	1	1	2
##	3295	0.007962529	9.3803770	0.0	May	1	1	6

##	3296	0.009315376	0.0000000	0.0	May	1	1	2
##	3297	0.059220779	0.0000000	0.8	May	3	2	1
##	3298	0.005815392	5.4729746	0.0	May	1	1	6
##	3299	0.050000000	0.0000000	0.4	May	3	2	1
##	3300	0.019322034	0.0000000	0.2	May	2	2	2
##	3301	0.133333333	0.0000000	0.0	May	3	2	4
##	3302	0.080000000	0.0000000	0.0	May	2	2	4
##	3303	0.033333333	0.0000000	0.0	May	1	1	1
##	3304	0.012500000	0.0000000	1.0	May	2	2	1
##	3305	0.013333333	100.7776000	0.0	May	2	2	3
##	3306	0.025641026	0.0000000	0.0	May	1	1	1
##	3307	0.012500000	0.0000000	0.0	May	2	2	1
##	3308	0.039283154	0.0000000	1.0	May	2	2	2
##	3309	0.012068881	2.5540714	0.0	May	3	2	2
##	3310	0.003714286	14.7571048	0.0	May	1	1	1
##	3311	0.200000000	0.0000000	0.2	May	2	2	2
##	3312	0.033333333	0.0000000	0.0	May	1	1	4
##	3313	0.006250000	0.0000000	0.0	May	1	1	1
##	3314	0.009126984	0.0000000	0.6	May	8	5	1
##	3315	0.075000000	0.0000000	0.0	May	3	2	2
##	3316	0.009090909	0.0000000	0.0	May	3	2	1
##	3317	0.200000000	0.0000000	0.0	May	2	2	2
##	3318	0.040000000	0.0000000	0.6	May	2	2	1
##	3319	0.022949495	0.0000000	0.0	May	2	4	7
##	3320	0.018348148	16.1670133	0.0	May	2	2	6
##	3321	0.020512821	0.0000000	0.0	May	1	1	7
##	3322	0.026666667	0.0000000	0.0	May	1	1	4
##	3323	0.008333333	2.7058333	0.0	May	2	2	6
##	3324	0.035714286	0.0000000	0.0	May	2	2	4
##	3325	0.064705882	0.0000000	1.0	May	3	2	3
##	3326	0.033333333	0.0000000	0.8	May	2	2	1
##	3327	0.015555556	11.1918933	0.2	May	2	10	6
##	3328	0.050862069	8.3252069	0.0	May	2	2	4
##	3329	0.011764706	0.0000000	0.0	May	1	2	1
##	3330	0.027777778	56.3246667	0.0	May	2	2	1
##	3331	0.015384615	57.5889231	0.6	May	4	1	3
##	3332	0.073913043	0.0000000	0.6	May	2	2	1
##	3333	0.071428571	0.0000000	0.0	May	2	2	7
##	3334	0.010526316	0.0000000	0.0	May	2	2	6
##	3335	0.025000000	0.0000000	0.6	May	3	2	1
##	3336	0.070000000	0.0000000	0.0	May	1	1	1
##	3337	0.010000000	0.0000000	0.0	May	2	6	3
##	3338	0.037777778	0.0000000	0.0	May	3	2	8
##	3339	0.039726776	0.0000000	0.4	May	2	2	6
##	3340	0.016666667	0.0000000	0.0	May	1	1	1
##	3341	0.033333333	0.0000000	0.0	May	3	2	3
##	3342	0.022376543	10.0986222	0.0	May	2	2	3
##	3343	0.001851852	22.1288889	0.0	May	1	1	1
##	3344	0.080000000	0.0000000	0.4	May	2	5	6
##	3345	0.008333333	0.0000000	0.0	May	2	2	3
##	3346	0.004166667	0.0000000	0.8	May	2	2	1
##	3347	0.016624762	5.3448989	0.0	May	2	7	1
##	3348	0.026035354	6.1287875	0.0	May	2	2	5
##	3349	0.004000000	0.0000000	0.0	May	1	1	4

##	3350	0.034090909	0.0000000	0.8	May	2	4	1
##	3351	0.033333333	0.0000000	0.0	May	4	5	1
##	3352	0.027111111	15.3956000	0.0	May	1	1	3
##	3353	0.051225490	0.0000000	0.0	May	3	2	3
##	3354	0.014285714	11.1317143	0.0	May	3	2	1
##	3355	0.013068182	2.0990455	0.0	May	2	2	7
##	3356	0.036363636	0.0000000	0.0	May	2	2	4
##	3357	0.039029125	0.5461283	0.0	May	2	2	3
##	3358	0.066666667	0.0000000	1.0	May	2	2	2
##	3359	0.052076023	0.0000000	0.6	May	3	2	3
##	3360	0.006521739	0.0000000	0.0	May	2	2	2
##	3361	0.014285714	0.0000000	0.0	May	2	2	1
##	3362	0.020993117	0.2016637	1.0	May	2	2	3
##	3363	0.007815830	4.1876027	0.8	May	3	2	3
##	3364	0.013274933	0.0000000	0.2	May	1	1	1
##	3365	0.166666667	0.0000000	0.8	May	1	1	1
##	3366	0.080000000	0.0000000	0.6	May	1	1	1
##	3367	0.013043478	0.0000000	0.8	May	2	2	2
##	3368	0.086666667	0.0000000	0.8	May	2	2	1
##	3369	0.006666667	0.0000000	0.0	May	4	2	2
##	3370	0.011794872	28.2953846	1.0	May	2	2	1
##	3371	0.007668207	1.8093608	0.0	May	2	2	1
##	3372	0.013075397	6.2110947	0.0	May	2	2	1
##	3373	0.018181818	0.0000000	0.0	May	2	2	1
##	3374	0.019546851	0.0000000	0.4	May	1	2	2
##	3375	0.047395833	14.9925000	0.0	May	1	1	3
##	3376	0.006666667	0.0000000	0.4	May	2	2	1
##	3377	0.040000000	0.0000000	0.0	May	4	1	1
##	3378	0.033333333	0.0000000	0.8	May	4	1	9
##	3379	0.022549176	1.0897713	0.0	May	2	2	4
##	3380	0.006428571	11.2841143	0.0	May	2	2	3
##	3381	0.177777778	0.0000000	0.0	May	3	2	3
##	3382	0.045454545	0.0000000	0.0	May	2	2	4
##	3383	0.054358974	0.0000000	0.8	May	1	1	2
##	3384	0.030434783	0.0000000	0.0	May	2	2	1
##	3385	0.016666667	113.9800000	0.0	May	2	2	1
##	3386	0.050000000	0.0000000	0.0	May	3	2	1
##	3387	0.044223485	0.0000000	0.0	May	2	2	6
##	3388	0.200000000	0.0000000	0.6	May	3	2	3
##	3389	0.030060022	0.0000000	0.2	May	3	2	1
##	3390	0.068170426	0.0000000	0.0	May	2	2	6
##	3391	0.009657738	0.0000000	0.0	May	1	1	1
##	3392	0.011750000	23.5144000	0.0	May	2	4	7
##	3393	0.029000000	0.0000000	0.0	May	2	2	1
##	3394	0.006666667	0.0000000	0.0	May	2	2	9
##	3395	0.100000000	0.0000000	0.2	May	2	2	6
##	3396	0.091666667	0.0000000	0.4	May	7	1	6
##	3397	0.066666667	0.0000000	0.0	May	4	2	1
##	3398	0.008595388	0.0000000	0.0	May	1	1	1
##	3399	0.050303030	16.1970000	0.0	May	2	2	6
##	3400	0.041538462	0.0000000	0.0	May	1	1	7
##	3401	0.030000000	0.0000000	0.6	May	2	2	1
##	3402	0.028571429	0.0000000	0.0	May	3	2	3
##	3403	0.007269504	0.2551915	0.0	May	2	2	7

## 3404	0.120000000	0.0000000	0.0	May	1	1	1
## 3405	0.038816034	0.0000000	1.0	May	2	2	3
## 3406	0.068750000	0.0000000	0.8	May	2	2	1
## 3407	0.040000000	0.0000000	0.0	May	1	1	3
## 3408	0.045454545	0.0000000	0.0	May	6	2	2
## 3409	0.080000000	0.0000000	0.0	May	3	2	3
## 3410	0.031481481	0.0000000	0.0	May	3	2	8
## 3411	0.100510511	0.0000000	0.8	May	3	2	7
## 3412	0.160000000	0.0000000	0.6	May	2	5	1
## 3413	0.068285714	0.0000000	0.4	May	2	2	1
## 3414	0.019576720	12.4550000	0.0	May	2	2	3
## 3415	0.200000000	0.0000000	0.6	May	3	2	1
## 3416	0.051333333	0.0000000	0.0	May	3	2	3
## 3417	0.035057471	0.0000000	0.0	May	2	4	3
## 3418	0.002222222	30.4615873	0.0	May	2	2	9
## 3419	0.043055556	0.0000000	1.0	May	1	1	7
## 3420	0.100000000	0.0000000	0.6	May	2	2	4
## 3421	0.010000000	0.0000000	0.0	May	2	2	1
## 3422	0.080000000	0.0000000	0.0	May	2	2	6
## 3423	0.200000000	0.0000000	0.0	May	2	2	1
## 3424	0.024390244	0.0000000	0.0	May	2	2	8
## 3425	0.050000000	0.0000000	0.0	May	2	2	1
## 3426	0.003921569	0.0000000	0.0	May	2	5	9
## 3427	0.028571429	0.0000000	0.0	May	2	4	4
## 3428	0.015506059	0.0000000	0.6	May	3	2	9
## 3429	0.060000000	0.0000000	0.6	May	2	2	1
## 3430	0.011965812	0.0000000	0.0	May	4	2	3
## 3431	0.005128205	0.0000000	0.4	May	2	4	1
## 3432	0.019207792	7.4358667	0.0	May	1	2	1
## 3433	0.044444444	0.0000000	0.0	May	3	2	8
## 3434	0.065873016	0.0000000	0.4	May	2	4	1
## 3435	0.200000000	0.0000000	0.6	May	2	4	7
## 3436	0.012500000	0.0000000	0.0	May	1	8	4
## 3437	0.005555556	0.0000000	0.0	May	2	2	7
## 3438	0.005000000	49.3886000	0.6	May	2	4	2
## 3439	0.031578947	0.0000000	0.2	May	2	2	1
## 3440	0.200000000	0.0000000	0.6	May	3	2	1
## 3441	0.025355418	24.7266184	0.6	May	3	2	1
## 3442	0.002380952	0.0000000	1.0	May	3	2	1
## 3443	0.014285714	0.0000000	0.0	May	3	3	8
## 3444	0.036363636	0.0000000	0.0	May	2	2	1
## 3445	0.005750251	0.0000000	0.8	May	1	1	3
## 3446	0.080000000	0.0000000	0.6	May	2	2	1
## 3447	0.058000000	0.0000000	0.0	May	3	2	1
## 3448	0.055319149	0.0000000	0.0	May	3	2	3
## 3449	0.025757576	0.0000000	0.0	May	1	2	2
## 3450	0.016973138	0.0000000	0.0	May	1	1	1
## 3451	0.003466667	0.0000000	0.8	May	2	2	1
## 3452	0.087500000	0.0000000	0.4	May	3	2	1
## 3453	0.019623016	11.3767868	0.0	May	2	2	4
## 3454	0.033333333	0.0000000	0.0	May	3	2	3
## 3455	0.037500000	19.2362500	0.8	May	3	2	2
## 3456	0.035119048	0.0000000	0.0	May	2	2	4
## 3457	0.016666667	0.0000000	0.0	May	3	2	1

## 3458	0.030769231	0.0000000	0.0	May	2	10	2
## 3459	0.075000000	0.0000000	0.6	May	3	2	6
## 3460	0.004756098	3.2003049	0.0	May	4	1	7
## 3461	0.020275689	0.0000000	0.6	May	3	2	1
## 3462	0.009019608	30.0128824	0.0	May	2	2	4
## 3463	0.083333333	0.0000000	0.6	May	1	1	7
## 3464	0.033333333	53.9880000	0.0	May	2	5	3
## 3465	0.003921569	0.0000000	0.0	May	2	2	7
## 3466	0.015476190	3.3568929	0.0	May	3	2	9
## 3467	0.028765432	0.0000000	0.6	May	3	2	3
## 3468	0.007692308	0.0000000	0.0	May	2	2	3
## 3469	0.083333333	0.0000000	0.0	May	2	2	1
## 3470	0.075000000	0.0000000	0.0	May	1	1	2
## 3471	0.046153846	0.0000000	0.2	May	2	2	5
## 3472	0.200000000	0.0000000	0.0	May	2	2	1
## 3473	0.028260870	22.2993913	0.0	May	2	2	6
## 3474	0.007306262	27.4320951	0.0	May	4	1	3
## 3475	0.025000000	35.0910000	0.0	May	2	4	1
## 3476	0.014944594	0.0000000	0.0	May	2	2	1
## 3477	0.066666667	0.0000000	0.0	May	4	1	1
## 3478	0.035000000	24.3401667	0.0	May	2	2	1
## 3479	0.010526316	254.6071579	0.0	May	2	5	1
## 3480	0.013333333	8.1816000	0.0	May	2	2	1
## 3481	0.030392157	0.0000000	0.0	May	2	2	7
## 3482	0.014500000	0.0000000	0.0	May	3	2	8
## 3483	0.072549020	0.0000000	0.0	May	4	1	1
## 3484	0.004500000	0.0000000	0.0	May	3	3	2
## 3485	0.045679012	13.3259259	0.0	May	2	2	3
## 3486	0.003506944	10.1227500	0.0	May	1	1	2
## 3487	0.009090909	30.5263636	0.0	May	2	2	6
## 3488	0.085714286	0.0000000	1.0	May	2	2	1
## 3489	0.100000000	0.0000000	0.0	May	2	2	1
## 3490	0.020833333	31.9038750	0.6	May	4	1	1
## 3491	0.022124542	0.0000000	0.0	May	3	2	3
## 3492	0.015873016	52.0834286	0.0	May	2	4	1
## 3493	0.050000000	0.0000000	0.0	May	1	1	4
## 3494	0.023728814	23.8762910	0.0	May	2	2	9
## 3495	0.091555556	0.0000000	0.6	May	3	2	1
## 3496	0.025000000	53.9880000	0.0	May	1	1	1
## 3497	0.028571429	0.0000000	0.0	May	2	2	1
## 3498	0.020192308	8.5452500	0.0	May	1	1	2
## 3499	0.108333333	0.0000000	0.6	May	1	1	2
## 3500	0.071264368	0.0000000	0.6	May	3	2	2
## 3501	0.007571185	7.2046137	0.0	May	2	10	6
## 3502	0.032142857	0.0000000	0.0	May	2	6	1
## 3503	0.028571429	0.0000000	0.0	May	3	2	1
## 3504	0.069333333	0.0000000	0.4	May	2	2	1
## 3505	0.004081633	0.0000000	0.0	May	2	2	1
## 3506	0.090909091	0.0000000	0.4	May	1	1	1
## 3507	0.031944444	0.0000000	0.0	May	2	2	5
## 3508	0.122222222	0.0000000	0.2	May	3	2	2
## 3509	0.100000000	0.0000000	0.0	May	2	2	3
## 3510	0.061538462	0.0000000	0.0	May	2	2	8
## 3511	0.008659512	9.0130114	0.0	May	2	2	1

##	3512	0.005714286	0.0000000	0.0	May	2	2	5
##	3513	0.025000000	0.0000000	0.0	May	2	2	3
##	3514	0.026315789	0.0000000	0.0	May	1	1	2
##	3515	0.066666667	0.0000000	0.0	May	2	2	7
##	3516	0.200000000	0.0000000	0.0	May	1	1	7
##	3517	0.040000000	0.0000000	0.0	May	3	2	1
##	3518	0.084615385	0.0000000	0.6	May	1	1	4
##	3519	0.110000000	0.0000000	0.6	May	3	2	1
##	3520	0.034117647	0.0000000	0.0	May	2	2	3
##	3521	0.052525253	0.0000000	0.0	May	3	2	3
##	3522	0.014285714	0.0000000	0.2	May	1	1	1
##	3523	0.035555556	0.0000000	0.4	May	1	1	1
##	3524	0.019298246	0.0000000	0.6	May	2	2	6
##	3525	0.065148810	0.0000000	0.8	May	2	2	1
##	3526	0.029411765	0.0000000	1.0	May	2	2	1
##	3527	0.025536616	0.0000000	0.6	May	3	2	1
##	3528	0.022222222	0.0000000	0.0	May	2	7	2
##	3529	0.037962963	0.0000000	0.2	May	2	2	7
##	3530	0.012820513	56.3588461	0.0	May	4	2	1
##	3531	0.003448276	54.2180690	0.0	May	2	2	1
##	3532	0.046190476	0.0000000	0.8	May	2	4	7
##	3533	0.019576720	0.0000000	0.0	May	2	2	1
##	3534	0.018181818	0.0000000	0.0	May	2	2	1
##	3535	0.006000000	0.0000000	0.8	May	2	10	1
##	3536	0.005555556	0.0000000	0.6	May	1	1	1
##	3537	0.023076923	9.6410769	0.4	May	2	2	8
##	3538	0.050000000	0.0000000	0.0	May	3	2	3
##	3539	0.051215278	0.0000000	0.6	May	3	2	1
##	3540	0.027327327	4.1488784	0.0	May	2	2	7
##	3541	0.006666667	0.0000000	0.6	May	2	2	1
##	3542	0.011111111	0.0000000	0.0	May	1	1	1
##	3543	0.010000000	20.0031000	0.0	May	2	2	1
##	3544	0.200000000	0.0000000	0.6	May	2	2	7
##	3545	0.015277778	0.0000000	0.0	May	2	2	1
##	3546	0.200000000	0.0000000	0.0	May	1	1	9
##	3547	0.022222222	0.0000000	0.0	May	1	1	1
##	3548	0.020000000	0.0000000	0.0	May	2	2	6
##	3549	0.020120574	7.7935286	0.0	May	2	2	3
##	3550	0.005000000	0.0000000	0.0	May	2	4	4
##	3551	0.001680672	42.4191429	0.0	May	2	2	2
##	3552	0.037037037	0.0000000	1.0	May	3	2	6
##	3553	0.047660099	0.0000000	0.0	May	1	2	1
##	3554	0.148917749	0.0000000	0.0	May	3	2	1
##	3555	0.150000000	0.0000000	0.6	May	2	2	1
##	3556	0.042857143	0.0000000	0.0	May	2	2	3
##	3557	0.133333333	0.0000000	1.0	May	3	2	3
##	3558	0.092142857	0.0000000	0.0	May	3	2	1
##	3559	0.022222222	0.0000000	0.2	May	2	2	1
##	3560	0.019605911	0.0000000	0.0	May	2	2	4
##	3561	0.060000000	0.0000000	0.8	May	2	4	3
##	3562	0.027407407	36.5158148	0.0	May	1	1	1
##	3563	0.083333333	0.0000000	0.6	May	3	3	3
##	3564	0.040000000	0.0000000	0.0	May	2	5	4
##	3565	0.031250162	0.0000000	0.8	May	3	2	6

##	3566	0.063636364	0.0000000	0.0	May	2	2	3
##	3567	0.012500000	0.0000000	0.0	May	2	4	1
##	3568	0.022868217	4.2473721	0.0	May	2	5	1
##	3569	0.016666667	0.0000000	0.2	May	2	2	6
##	3570	0.067857143	0.0000000	0.0	May	4	1	3
##	3571	0.088888889	0.0000000	0.0	May	1	1	3
##	3572	0.030000000	0.0000000	0.0	May	2	2	9
##	3573	0.040000000	0.0000000	0.6	May	2	2	3
##	3574	0.026060606	0.0000000	1.0	May	2	2	4
##	3575	0.001904762	0.0000000	0.0	May	2	2	8
##	3576	0.072222222	0.0000000	0.0	May	4	1	1
##	3577	0.004054054	80.5873378	0.0	May	2	4	1
##	3578	0.007692308	0.0000000	0.0	May	2	5	3
##	3579	0.024542230	2.2272787	0.8	May	3	2	1
##	3580	0.200000000	0.0000000	0.0	May	2	2	6
##	3581	0.066666667	0.0000000	0.0	May	2	2	4
##	3582	0.033333333	0.0000000	0.0	May	2	2	9
##	3583	0.022222222	44.9900000	0.0	May	3	2	2
##	3584	0.006666667	0.0000000	0.0	May	1	1	1
##	3585	0.044749710	2.3414197	0.0	May	3	2	3
##	3586	0.175000000	0.0000000	0.8	May	2	2	4
##	3587	0.028070175	0.0000000	0.8	May	2	2	1
##	3588	0.018421053	0.0000000	0.0	May	2	2	3
##	3589	0.002272727	0.0000000	0.0	May	2	4	1
##	3590	0.067647059	0.0000000	0.4	May	1	1	4
##	3591	0.029549127	0.0000000	1.0	May	2	2	7
##	3592	0.052941176	0.0000000	0.8	May	2	2	2
##	3593	0.010000000	0.0000000	0.0	May	2	7	1
##	3594	0.125000000	0.0000000	0.8	May	3	2	1
##	3595	0.013076923	15.4004231	0.0	May	1	1	7
##	3596	0.016666667	0.0000000	0.0	May	2	2	7
##	3597	0.014814815	0.0000000	0.0	May	4	1	1
##	3598	0.200000000	0.0000000	0.2	May	2	2	1
##	3599	0.068253968	0.0000000	0.0	May	2	5	1
##	3600	0.050000000	0.0000000	0.0	May	2	6	3
##	3601	0.050000000	0.0000000	0.6	May	2	2	1
##	3602	0.033333333	0.0000000	0.0	May	3	2	4
##	3603	0.020175439	0.0000000	0.0	May	2	4	3
##	3604	0.095238095	0.0000000	0.0	May	2	2	1
##	3605	0.100000000	0.0000000	0.0	May	2	2	1
##	3606	0.007277211	0.0000000	0.0	May	2	2	1
##	3607	0.031250000	0.0000000	0.0	May	3	2	5
##	3608	0.036309524	0.0000000	0.6	May	3	2	1
##	3609	0.066666667	0.0000000	0.0	May	3	2	4
##	3610	0.100000000	0.0000000	0.0	May	1	1	3
##	3611	0.039583333	43.9900000	0.0	May	2	2	3
##	3612	0.002105263	0.0000000	0.0	May	3	2	1
##	3613	0.057142857	0.0000000	0.0	May	4	2	3
##	3614	0.002631579	0.0000000	0.0	May	2	2	2
##	3615	0.058222222	0.0000000	0.0	May	2	2	1
##	3616	0.085714286	0.0000000	1.0	May	2	2	7
##	3617	0.121212121	0.0000000	0.8	May	2	2	7
##	3618	0.150000000	0.0000000	0.0	May	3	2	1
##	3619	0.133333333	0.0000000	1.0	May	1	1	4

##	3620	0.100000000	0.0000000	0.8	May	2	2	1
##	3621	0.013768116	0.0000000	0.0	May	2	2	3
##	3622	0.080769231	0.0000000	0.8	May	2	2	1
##	3623	0.009523810	10.5180952	0.0	May	2	2	7
##	3624	0.200000000	0.0000000	0.0	May	2	2	6
##	3625	0.003278689	0.0000000	0.2	May	2	2	3
##	3626	0.057142857	0.0000000	0.6	May	2	2	1
##	3627	0.011984127	13.0915464	0.0	May	2	2	2
##	3628	0.051764706	0.0000000	0.0	May	1	4	2
##	3629	0.009756098	0.0000000	0.0	May	3	2	1
##	3630	0.116666667	0.0000000	0.4	May	3	2	3
##	3631	0.016744186	12.7314419	0.0	May	4	1	8
##	3632	0.024698413	0.0000000	0.6	May	1	1	3
##	3633	0.014022989	5.0781149	0.0	May	1	2	3
##	3634	0.166666667	0.0000000	0.6	May	2	2	1
##	3635	0.029591837	10.9870714	0.0	May	1	1	3
##	3636	0.009603919	1.4184404	0.4	May	2	7	7
##	3637	0.022222222	0.0000000	0.0	May	2	4	4
##	3638	0.031075269	0.0000000	0.0	May	3	2	2
##	3639	0.114285714	0.0000000	0.4	May	3	2	4
##	3640	0.133333333	0.0000000	0.6	May	2	2	1
##	3641	0.075000000	0.0000000	0.0	May	2	5	3
##	3642	0.007142857	0.0000000	0.0	May	2	10	2
##	3643	0.016666667	0.0000000	0.0	May	2	4	3
##	3644	0.033333333	0.0000000	0.0	May	2	2	6
##	3645	0.070238095	0.0000000	0.0	May	3	2	2
##	3646	0.037500000	0.0000000	0.0	May	1	2	2
##	3647	0.025141243	0.0000000	0.6	May	2	4	3
##	3648	0.014285714	0.0000000	0.0	May	3	2	6
##	3649	0.016666667	14.9833333	0.4	May	4	1	2
##	3650	0.007674572	5.7440580	0.0	May	3	2	1
##	3651	0.026984127	0.0000000	0.0	May	1	1	1
##	3652	0.044444444	0.0000000	0.6	May	1	1	6
##	3653	0.066666667	0.0000000	0.0	May	3	2	2
##	3654	0.007142857	0.0000000	0.0	May	2	4	2
##	3655	0.011326165	0.0000000	0.0	May	1	1	1
##	3656	0.050000000	0.0000000	0.4	May	2	4	2
##	3657	0.066233766	0.0000000	1.0	May	2	10	1
##	3658	0.011764706	0.0000000	0.0	May	2	4	2
##	3659	0.040000000	0.0000000	0.2	May	3	2	2
##	3660	0.043948052	8.5671429	0.0	May	2	6	6
##	3661	0.025000000	50.9925000	0.0	May	2	2	1
##	3662	0.038095238	0.0000000	0.0	May	2	2	6
##	3663	0.033742690	0.0000000	0.2	May	1	1	3
##	3664	0.008333333	0.0000000	0.0	May	2	2	1
##	3665	0.035000000	0.0000000	0.0	May	3	2	1
##	3666	0.045170068	11.1573429	0.0	May	2	2	3
##	3667	0.029230769	0.0000000	0.0	May	3	2	4
##	3668	0.050000000	0.0000000	0.0	May	2	2	6
##	3669	0.055555556	0.0000000	1.0	May	2	4	2
##	3670	0.046262626	0.0000000	0.8	May	2	5	2
##	3671	0.023117504	0.0000000	0.0	May	1	1	5
##	3672	0.072727273	0.0000000	0.8	May	1	1	1
##	3673	0.023333333	0.0000000	1.0	May	3	2	3

## 3674	0.050000000	0.0000000	0.6	May	2	2	6
## 3675	0.015053763	0.0000000	0.0	May	3	2	7
## 3676	0.107142857	0.0000000	0.8	May	2	4	5
## 3677	0.018859649	0.0000000	0.0	May	2	2	2
## 3678	0.004166667	0.0000000	0.0	May	2	10	6
## 3679	0.033684211	0.0000000	0.0	May	2	2	1
## 3680	0.040625000	0.0000000	0.0	May	2	6	1
## 3681	0.077777778	0.0000000	0.0	May	2	4	2
## 3682	0.057619048	0.0000000	0.0	May	2	2	7
## 3683	0.019540230	0.0000000	0.0	May	3	2	1
## 3684	0.061904762	0.0000000	0.0	May	1	1	1
## 3685	0.040476190	0.0000000	0.6	May	3	2	8
## 3686	0.006250000	0.0000000	0.0	May	2	2	3
## 3687	0.011428571	92.8385714	0.0	May	3	2	1
## 3688	0.071428571	0.0000000	0.8	May	1	1	1
## 3689	0.121428571	0.0000000	0.6	May	3	2	1
## 3690	0.021263103	0.0000000	0.0	May	2	2	8
## 3691	0.010526316	0.0000000	0.0	May	2	2	6
## 3692	0.133333333	0.0000000	0.6	May	1	8	4
## 3693	0.033333333	0.0000000	0.0	May	2	2	1
## 3694	0.036274510	0.0000000	0.0	May	3	2	2
## 3695	0.038958835	8.0887500	0.0	May	2	2	3
## 3696	0.005555556	0.0000000	0.0	May	2	2	5
## 3697	0.018750000	0.0000000	0.8	May	2	5	1
## 3698	0.019066142	16.4236325	0.0	May	1	1	1
## 3699	0.007692308	0.0000000	0.0	May	2	2	7
## 3700	0.007881773	0.0000000	0.0	May	2	6	1
## 3701	0.200000000	0.0000000	0.0	May	2	4	1
## 3702	0.033333333	0.0000000	0.0	May	2	4	1
## 3703	0.012291667	0.0000000	0.0	May	1	1	6
## 3704	0.021052632	0.0000000	1.0	May	3	2	3
## 3705	0.005893497	0.0000000	0.0	May	2	2	1
## 3706	0.068115942	0.0000000	0.0	May	2	4	3
## 3707	0.109523810	0.0000000	0.0	May	3	3	9
## 3708	0.100000000	0.0000000	0.4	May	1	1	1
## 3709	0.057142857	0.0000000	0.0	May	4	1	3
## 3710	0.010752688	37.6093548	0.0	May	2	2	1
## 3711	0.011118588	10.8018872	0.0	May	4	1	2
## 3712	0.100000000	0.0000000	0.0	May	1	8	3
## 3713	0.042083333	12.6534375	0.0	May	3	2	3
## 3714	0.022549020	19.1127451	0.0	May	2	2	6
## 3715	0.026938057	0.0000000	0.8	May	2	2	7
## 3716	0.066666667	0.0000000	0.0	May	2	2	4
## 3717	0.028205128	0.0000000	0.0	May	3	2	6
## 3718	0.028571429	16.7065714	0.0	May	2	2	3
## 3719	0.013043478	0.0000000	0.0	May	2	2	4
## 3720	0.026388889	0.0000000	0.4	May	2	4	2
## 3721	0.180000000	0.0000000	0.4	May	1	2	2
## 3722	0.025000000	0.0000000	0.8	May	1	2	3
## 3723	0.050000000	0.0000000	0.0	May	3	3	3
## 3724	0.014285714	59.9880000	0.0	May	2	2	1
## 3725	0.020652174	7.0914783	0.0	May	3	2	3
## 3726	0.022222222	0.0000000	0.2	May	2	2	1
## 3727	0.017482517	0.0000000	0.0	May	2	6	2

## 3728	0.004266667	0.0000000	0.0	May	3	3	1
## 3729	0.200000000	0.0000000	0.0	May	3	2	1
## 3730	0.092857143	0.0000000	0.0	May	2	4	2
## 3731	0.157142857	0.0000000	0.6	May	3	2	1
## 3732	0.012500000	0.0000000	0.0	May	3	2	6
## 3733	0.057142857	0.0000000	0.0	May	1	1	1
## 3734	0.013428813	14.7591159	0.0	May	2	2	5
## 3735	0.073333333	0.0000000	0.0	May	3	2	1
## 3736	0.033333333	0.0000000	0.0	May	2	2	1
## 3737	0.040000000	0.0000000	0.0	May	2	2	1
## 3738	0.059523810	0.0000000	0.8	May	3	2	1
## 3739	0.057142857	0.0000000	0.0	May	1	1	6
## 3740	0.074074074	0.0000000	0.4	May	3	2	2
## 3741	0.013931624	0.0000000	0.2	May	1	1	3
## 3742	0.013333333	0.0000000	0.0	May	1	1	1
## 3743	0.018181818	72.7880000	0.4	May	1	1	1
## 3744	0.100000000	0.0000000	0.0	May	2	2	3
## 3745	0.014285714	14.5542857	0.0	May	2	2	3
## 3746	0.014285714	0.0000000	0.0	May	3	2	1
## 3747	0.030226481	11.1926341	0.0	May	1	1	1
## 3748	0.013333333	0.0000000	0.0	May	3	2	7
## 3749	0.038405797	0.0000000	0.0	May	3	2	4
## 3750	0.038333333	0.0000000	0.6	May	2	4	1
## 3751	0.011320755	0.0000000	0.0	May	2	2	4
## 3752	0.022025900	0.0000000	0.4	May	2	2	3
## 3753	0.059095640	2.3949180	0.0	May	2	2	6
## 3754	0.032291667	0.0000000	0.0	May	2	2	4
## 3755	0.027083333	0.0000000	0.8	May	2	2	3
## 3756	0.016000000	0.0000000	0.0	May	1	1	1
## 3757	0.002597403	13.3633247	0.0	May	3	2	6
## 3758	0.015649351	27.7134000	0.0	May	3	2	1
## 3759	0.050000000	0.0000000	0.6	May	2	4	1
## 3760	0.005858586	0.0000000	0.0	May	2	2	2
## 3761	0.017391304	64.3304348	0.0	May	2	2	9
## 3762	0.154761905	0.0000000	0.8	May	3	2	7
## 3763	0.012612613	102.3538378	0.0	May	2	5	7
## 3764	0.040000000	0.0000000	0.0	May	2	2	3
## 3765	0.070833333	0.0000000	0.6	May	3	2	1
## 3766	0.022222222	0.0000000	0.0	May	1	1	1
## 3767	0.012500000	0.0000000	0.0	May	3	2	4
## 3768	0.001234568	0.0000000	0.0	May	1	1	3
## 3769	0.007142857	0.0000000	0.0	May	2	2	1
## 3770	0.014285714	0.0000000	0.0	May	2	4	1
## 3771	0.018181818	100.0963636	0.0	May	2	2	1
## 3772	0.025308642	0.0000000	0.6	May	1	8	3
## 3773	0.018750000	0.0000000	0.0	May	2	2	1
## 3774	0.045438596	0.0000000	0.8	May	3	2	8
## 3775	0.029629630	0.0000000	0.0	May	2	4	3
## 3776	0.022295918	0.0000000	0.8	May	4	1	1
## 3777	0.022222222	0.0000000	0.0	May	2	2	1
## 3778	0.004545455	0.0000000	0.0	May	2	5	1
## 3779	0.037500000	0.0000000	0.0	May	2	4	4
## 3780	0.001470588	0.0000000	0.0	May	2	2	7
## 3781	0.006451613	0.0000000	0.0	May	2	2	9

## 3782	0.057142857	0.0000000	0.0	May	2	4	3
## 3783	0.039814815	0.0000000	0.8	May	2	2	4
## 3784	0.066666667	0.0000000	0.0	May	2	2	1
## 3785	0.050000000	0.0000000	0.0	May	1	1	6
## 3786	0.018750000	0.0000000	0.2	May	1	8	3
## 3787	0.050000000	0.0000000	0.0	May	2	2	4
## 3788	0.041898148	0.0000000	1.0	May	3	2	3
## 3789	0.025000000	0.0000000	0.0	May	1	1	4
## 3790	0.085714286	0.0000000	0.6	May	2	2	3
## 3791	0.100000000	0.0000000	0.4	May	4	1	4
## 3792	0.022947455	13.4024759	0.0	May	2	2	1
## 3793	0.045198413	18.6633333	0.0	May	3	2	4
## 3794	0.022727273	0.0000000	0.6	May	3	2	1
## 3795	0.028576998	8.9035579	0.0	May	2	2	3
## 3796	0.005789474	0.0000000	1.0	May	1	8	1
## 3797	0.183333333	0.0000000	0.6	May	2	2	3
## 3798	0.030172414	0.0000000	0.0	May	4	2	3
## 3799	0.019159146	9.1397608	0.0	May	2	2	1
## 3800	0.200000000	0.0000000	0.0	May	2	2	6
## 3801	0.012500000	0.0000000	0.0	May	2	2	3
## 3802	0.072222222	0.0000000	0.0	May	1	1	8
## 3803	0.024074074	0.0000000	0.8	May	2	6	1
## 3804	0.076470588	0.0000000	0.8	May	2	2	1
## 3805	0.034935897	0.0000000	0.0	May	2	7	1
## 3806	0.040000000	0.0000000	0.0	May	2	4	3
## 3807	0.100000000	0.0000000	0.0	May	1	1	1
## 3808	0.018798094	0.0000000	0.8	May	2	2	4
## 3809	0.025918367	5.4795323	0.6	May	4	2	8
## 3810	0.005026455	31.3188571	0.0	May	2	2	6
## 3811	0.005882353	0.0000000	0.0	May	2	5	2
## 3812	0.042857143	0.0000000	0.2	May	3	2	1
## 3813	0.031388889	0.0000000	0.0	May	4	1	4
## 3814	0.008746356	0.0000000	0.2	May	2	2	3
## 3815	0.013333333	19.7853333	0.0	May	3	2	4
## 3816	0.200000000	0.0000000	0.8	May	4	1	1
## 3817	0.063214286	0.0000000	0.8	May	2	4	3
## 3818	0.016722783	7.1081481	0.0	May	2	2	3
## 3819	0.009523810	0.0000000	0.0	May	1	1	1
## 3820	0.039042146	0.0000000	1.0	May	2	2	3
## 3821	0.025444444	0.0000000	0.6	May	2	2	6
## 3822	0.015196078	9.8776471	0.0	May	2	4	3
## 3823	0.030000000	0.0000000	0.0	May	1	1	6
## 3824	0.005000000	0.0000000	0.0	May	2	2	2
## 3825	0.016666667	0.0000000	0.8	May	2	2	3
## 3826	0.030146368	6.1476338	0.0	May	3	2	3
## 3827	0.041944444	0.0000000	0.4	May	2	4	7
## 3828	0.013043478	4.4303478	0.2	May	2	6	2
## 3829	0.045000000	0.0000000	0.0	May	1	1	1
## 3830	0.030795428	12.4403075	0.0	May	2	4	4
## 3831	0.069892473	0.0000000	0.6	May	1	1	1
## 3832	0.046875000	0.0000000	0.0	May	1	1	1
## 3833	0.033333333	0.0000000	0.0	May	2	10	5
## 3834	0.033760684	5.6895541	0.0	May	2	2	1
## 3835	0.024751180	2.3231622	0.2	May	3	2	1

## 3836	0.037500000	0.0000000	0.4	May	2	2	3
## 3837	0.006976744	0.0000000	0.8	May	2	6	1
## 3838	0.075000000	0.0000000	0.0	May	4	1	3
## 3839	0.011470588	0.0000000	0.0	May	2	2	1
## 3840	0.008333333	45.6125000	0.0	May	3	2	7
## 3841	0.016080586	3.9260141	0.0	May	3	2	6
## 3842	0.012246300	1.7868191	0.0	May	2	2	3
## 3843	0.019247312	8.1261935	0.0	May	2	2	1
## 3844	0.011111111	115.9800000	0.0	May	2	2	6
## 3845	0.016666667	0.0000000	0.0	May	1	1	7
## 3846	0.133333333	0.0000000	0.0	May	3	2	1
## 3847	0.040740741	0.0000000	0.0	May	1	1	5
## 3848	0.038095238	0.0000000	0.0	May	1	1	3
## 3849	0.078571429	0.0000000	0.8	May	2	6	1
## 3850	0.018181818	0.0000000	0.0	May	1	1	4
## 3851	0.007758621	0.0000000	0.0	May	2	6	2
## 3852	0.072727273	0.0000000	0.8	May	2	2	1
## 3853	0.025000000	0.0000000	0.0	May	2	2	3
## 3854	0.200000000	0.0000000	0.0	May	3	2	6
## 3855	0.012500000	0.0000000	0.0	May	1	1	5
## 3856	0.037500000	0.0000000	0.0	May	4	1	7
## 3857	0.029074729	2.9922678	1.0	May	2	2	6
## 3858	0.200000000	0.0000000	0.0	May	1	1	4
## 3859	0.042857143	0.0000000	0.4	May	2	2	4
## 3860	0.026415094	0.0000000	0.4	May	2	2	3
## 3861	0.006415344	0.0000000	0.0	May	1	1	1
## 3862	0.015775776	2.7974147	0.4	May	2	2	8
## 3863	0.018068783	0.0000000	1.0	May	1	1	7
## 3864	0.023611111	0.0000000	0.0	May	2	10	6
## 3865	0.006451613	42.9561290	0.0	May	2	2	1
## 3866	0.055555556	0.0000000	0.0	May	2	2	4
## 3867	0.021451247	0.0000000	0.0	May	2	2	5
## 3868	0.007692308	4.2728077	0.0	May	2	2	1
## 3869	0.016621682	2.7904737	0.0	May	2	2	5
## 3870	0.111111111	0.0000000	0.0	May	1	2	1
## 3871	0.080000000	0.0000000	1.0	May	2	2	3
## 3872	0.100000000	0.0000000	0.8	May	1	1	4
## 3873	0.033333333	0.0000000	0.0	May	2	2	3
## 3874	0.029851908	12.7624313	1.0	May	2	2	2
## 3875	0.015404896	0.0000000	0.4	May	2	2	8
## 3876	0.097777778	0.0000000	0.8	May	3	2	3
## 3877	0.200000000	0.0000000	0.0	May	1	1	4
## 3878	0.050000000	0.0000000	0.0	May	3	2	1
## 3879	0.015384615	31.7584615	0.0	May	2	2	9
## 3880	0.007142857	0.0000000	0.8	May	2	2	1
## 3881	0.035239899	0.0000000	0.0	May	2	2	4
## 3882	0.009577934	0.0000000	0.0	May	4	2	3
## 3883	0.004545455	0.0000000	0.0	May	1	2	3
## 3884	0.010000000	0.0000000	0.0	May	1	1	1
## 3885	0.166666667	0.0000000	1.0	May	3	2	1
## 3886	0.039560440	0.0000000	0.8	May	2	2	4
## 3887	0.023076923	0.0000000	0.0	May	2	4	3
## 3888	0.100000000	0.0000000	0.0	May	2	5	1
## 3889	0.007142857	42.8905714	0.0	May	2	2	1

## 3890	0.057142857	0.0000000	0.0	May	2	2	1
## 3891	0.024358974	0.0000000	0.0	May	2	4	1
## 3892	0.006382979	107.2170213	0.0	May	2	2	2
## 3893	0.200000000	0.0000000	0.0	May	2	2	3
## 3894	0.052000000	0.0000000	0.0	May	2	2	1
## 3895	0.100000000	0.0000000	0.0	May	1	1	6
## 3896	0.022222222	40.4337778	0.0	May	2	2	1
## 3897	0.024214286	0.0000000	0.0	May	1	1	3
## 3898	0.016825397	0.0000000	0.0	May	1	1	1
## 3899	0.200000000	0.0000000	0.0	May	2	2	3
## 3900	0.007666667	37.6992000	0.0	May	1	1	1
## 3901	0.200000000	0.0000000	0.0	May	2	2	6
## 3902	0.040833333	0.0000000	0.0	May	1	1	2
## 3903	0.014285714	21.5880000	0.8	May	2	2	9
## 3904	0.066666667	0.0000000	0.0	May	1	1	6
## 3905	0.022222222	0.0000000	0.0	May	2	2	8
## 3906	0.020140056	0.0000000	0.0	May	2	2	1
## 3907	0.033333333	0.0000000	0.0	May	2	4	6
## 3908	0.058333333	0.0000000	0.4	May	2	2	1
## 3909	0.020000000	0.0000000	0.0	May	2	2	1
## 3910	0.074285714	0.0000000	0.0	May	2	4	7
## 3911	0.008090118	30.8092796	0.6	May	2	2	3
## 3912	0.018390805	17.2487011	0.0	May	2	2	2
## 3913	0.123809524	0.0000000	0.4	May	1	1	4
## 3914	0.001111111	48.8680000	0.0	May	1	1	8
## 3915	0.025000000	0.0000000	0.4	May	2	2	9
## 3916	0.022222222	0.0000000	0.6	May	1	1	1
## 3917	0.045454545	0.0000000	0.2	May	2	2	2
## 3918	0.063333333	0.0000000	0.6	May	2	2	1
## 3919	0.083333333	0.0000000	0.6	May	2	2	7
## 3920	0.026666667	0.0000000	0.2	May	2	2	1
## 3921	0.011494253	0.0000000	0.0	May	2	2	4
## 3922	0.020000000	0.0000000	0.0	May	3	2	2
## 3923	0.022222222	47.6556667	0.0	May	2	5	1
## 3924	0.045684431	0.0000000	0.0	May	2	2	7
## 3925	0.012500000	0.0000000	0.4	May	2	2	3
## 3926	0.021929825	0.0000000	0.0	May	2	2	5
## 3927	0.075000000	0.0000000	0.6	May	2	2	4
## 3928	0.088888889	0.0000000	0.0	May	2	2	3
## 3929	0.200000000	0.0000000	0.0	May	2	2	4
## 3930	0.155555556	0.0000000	0.0	May	1	1	4
## 3931	0.069444444	0.0000000	0.8	May	2	2	2
## 3932	0.021247740	0.0000000	0.8	May	3	2	1
## 3933	0.014285714	0.0000000	0.0	May	2	4	2
## 3934	0.044736842	0.0000000	0.8	May	2	2	1
## 3935	0.009572650	0.0000000	0.0	May	2	2	1
## 3936	0.010000000	0.0000000	0.2	May	2	2	4
## 3937	0.200000000	0.0000000	0.0	May	1	1	6
## 3938	0.020724638	0.0000000	0.0	May	2	5	1
## 3939	0.033333333	0.0000000	0.0	May	2	4	6
## 3940	0.025000000	0.0000000	0.0	May	1	1	3
## 3941	0.100000000	0.0000000	1.0	May	2	2	7
## 3942	0.010256410	0.0000000	0.6	May	1	2	1
## 3943	0.010061728	0.0000000	0.0	May	2	2	3

## 3944	0.02222222	0.0000000	0.0	May	1	1	8
## 3945	0.008912530	0.0000000	0.8	May	2	2	4
## 3946	0.066666667	0.0000000	0.2	May	1	1	3
## 3947	0.015384615	98.1369231	0.0	May	2	4	6
## 3948	0.100000000	0.0000000	0.0	May	2	2	2
## 3949	0.010526316	0.0000000	0.0	May	2	2	9
## 3950	0.028571429	53.9880000	0.0	May	2	2	2
## 3951	0.008695652	53.9880000	0.0	May	2	2	1
## 3952	0.013968254	10.4853333	0.0	May	2	2	2
## 3953	0.100000000	0.0000000	0.6	May	2	10	3
## 3954	0.036974790	0.0000000	0.0	May	2	4	3
## 3955	0.100000000	0.0000000	0.4	May	2	2	1
## 3956	0.087878788	8.3978182	0.0	May	2	2	1
## 3957	0.008333333	107.9400000	0.0	May	2	2	6
## 3958	0.020000000	0.0000000	0.6	May	1	1	1
## 3959	0.021290850	0.0000000	1.0	May	2	2	8
## 3960	0.066666667	0.0000000	0.2	May	2	2	2
## 3961	0.015811966	0.0000000	0.0	May	2	2	6
## 3962	0.066666667	0.0000000	0.8	May	1	1	8
## 3963	0.033333333	0.0000000	0.2	May	3	2	3
## 3964	0.066666667	0.0000000	0.0	May	2	2	1
## 3965	0.006896552	0.0000000	0.0	May	1	1	6
## 3966	0.014666667	10.0732800	0.0	May	2	2	8
## 3967	0.166666667	0.0000000	0.4	May	3	2	4
## 3968	0.008196721	48.7299563	0.0	May	2	4	8
## 3969	0.100000000	0.0000000	0.0	May	4	2	4
## 3970	0.052777778	0.0000000	0.4	May	2	2	1
## 3971	0.050940171	0.0000000	0.0	May	3	2	8
## 3972	0.017250000	24.2716500	0.0	May	2	2	4
## 3973	0.016666667	0.0000000	0.0	May	3	2	1
## 3974	0.014117647	0.0000000	0.0	May	4	1	1
## 3975	0.022696032	4.6294701	0.0	May	3	2	1
## 3976	0.039506173	8.8871111	1.0	May	2	2	1
## 3977	0.015686275	0.0000000	0.0	May	3	2	6
## 3978	0.100000000	0.0000000	1.0	May	1	2	3
## 3979	0.037500000	0.0000000	0.0	May	1	1	1
## 3980	0.019444444	0.0000000	0.0	May	3	2	4
## 3981	0.060000000	0.0000000	0.0	May	2	5	1
## 3982	0.030000000	0.0000000	0.0	May	2	7	7
## 3983	0.032692308	0.0000000	1.0	May	2	2	7
## 3984	0.200000000	0.0000000	0.0	May	2	2	5
## 3985	0.025000000	0.0000000	0.6	May	2	2	3
## 3986	0.086538462	0.0000000	0.8	May	2	2	3
## 3987	0.016129032	0.0000000	0.0	May	1	1	5
## 3988	0.032638889	22.7445833	0.4	May	3	2	6
## 3989	0.026666667	0.0000000	0.0	May	1	2	2
## 3990	0.034210526	0.0000000	0.6	May	2	2	5
## 3991	0.034920635	0.0000000	0.0	May	3	2	1
## 3992	0.034583333	0.0000000	0.6	May	1	1	1
## 3993	0.007142857	22.2745714	0.0	May	1	8	1
## 3994	0.016296296	25.3892593	0.0	May	2	2	1
## 3995	0.028571429	53.4745714	0.0	May	1	1	1
## 3996	0.050000000	0.0000000	0.8	May	3	2	3
## 3997	0.025423729	0.0000000	0.4	May	2	2	6

## 3998	0.200000000	0.0000000	0.0	May	1	1	9
## 3999	0.116666667	0.0000000	0.0	May	2	6	1
## 4000	0.034210526	0.0000000	0.0	May	2	2	7
## 4001	0.017705157	0.8604847	0.0	May	1	1	1
## 4002	0.012903226	0.0000000	0.0	May	2	2	7
## 4003	0.062962963	0.0000000	0.0	May	2	2	3
## 4004	0.042000000	0.0000000	0.0	May	2	2	7
## 4005	0.013546798	0.0000000	0.0	May	2	2	2
## 4006	0.033915963	0.0000000	0.0	May	2	2	6
## 4007	0.001704261	9.0730526	0.0	May	2	4	1
## 4008	0.100000000	0.0000000	0.0	May	2	2	1
## 4009	0.003508772	0.0000000	1.0	May	1	1	9
## 4010	0.002597403	5.0152727	0.0	May	2	4	3
## 4011	0.050000000	0.0000000	0.4	May	2	5	3
## 4012	0.008823529	0.0000000	0.6	May	2	2	8
## 4013	0.011312741	6.5880000	0.0	May	3	5	7
## 4014	0.001666667	173.4697917	0.0	May	2	2	9
## 4015	0.020312500	50.8297500	0.0	May	3	2	1
## 4016	0.050000000	0.0000000	0.0	May	2	2	8
## 4017	0.032380952	11.6948571	0.0	May	3	2	3
## 4018	0.093333333	0.0000000	0.8	May	3	2	4
## 4019	0.041176471	0.0000000	0.0	May	1	2	3
## 4020	0.029444444	24.4076444	0.0	May	2	4	2
## 4021	0.029444444	0.0000000	0.2	May	1	1	6
## 4022	0.010230908	0.0000000	0.0	May	2	2	3
## 4023	0.050000000	0.0000000	0.0	May	3	2	1
## 4024	0.133333333	0.0000000	0.0	May	2	2	2
## 4025	0.009090909	0.0000000	0.0	May	2	2	3
## 4026	0.002777778	0.0000000	0.0	May	2	2	4
## 4027	0.013333333	0.0000000	0.8	May	2	2	5
## 4028	0.017391304	0.0000000	0.0	May	2	2	1
## 4029	0.035087719	0.0000000	0.0	May	3	2	3
## 4030	0.050000000	0.0000000	0.0	May	2	4	1
## 4031	0.014814815	0.0000000	0.0	May	2	2	7
## 4032	0.052000000	0.0000000	0.0	May	2	2	1
## 4033	0.200000000	0.0000000	0.0	May	4	1	1
## 4034	0.016190476	0.0000000	0.0	May	2	2	3
## 4035	0.078571429	0.0000000	0.8	May	2	6	7
## 4036	0.100000000	0.0000000	0.0	May	1	1	1
## 4037	0.063888889	0.0000000	0.8	May	2	2	1
## 4038	0.006666667	0.0000000	0.0	May	1	1	4
## 4039	0.200000000	0.0000000	0.6	May	1	1	4
## 4040	0.033333333	0.0000000	0.0	May	2	2	1
## 4041	0.018181818	20.6083636	0.0	May	2	2	1
## 4042	0.090476190	10.3976000	1.0	May	2	2	7
## 4043	0.022173913	0.0000000	0.0	May	2	2	1
## 4044	0.010344828	0.0000000	0.0	May	1	1	1
## 4045	0.026923077	0.0000000	0.4	May	2	4	9
## 4046	0.015384615	0.0000000	0.0	May	2	10	1
## 4047	0.043589744	0.0000000	0.0	May	2	2	6
## 4048	0.071111111	0.0000000	0.2	May	3	2	4
## 4049	0.028571429	0.0000000	0.0	May	2	2	5
## 4050	0.011594203	0.0000000	0.0	May	3	2	2
## 4051	0.014476190	0.0000000	0.0	May	2	2	1

## 4052	0.010884354	0.0000000	0.0	May	3	2	4
## 4053	0.022102102	0.0000000	0.4	May	2	2	2
## 4054	0.034151181	0.9369792	0.4	May	3	2	1
## 4055	0.026666667	0.0000000	0.4	May	2	2	6
## 4056	0.004166667	0.0000000	0.6	May	2	2	3
## 4057	0.007801418	71.4659787	0.0	May	2	2	2
## 4058	0.040441176	0.0000000	0.4	May	1	1	1
## 4059	0.008600444	0.0000000	0.0	May	2	2	3
## 4060	0.014626073	3.3484077	0.0	May	2	4	1
## 4061	0.052777778	0.0000000	1.0	May	1	1	1
## 4062	0.133333333	0.0000000	0.4	May	2	2	1
## 4063	0.025793651	26.3434348	0.4	May	3	2	6
## 4064	0.012500000	0.0000000	0.8	May	2	2	7
## 4065	0.012962963	0.0000000	0.0	May	3	2	1
## 4066	0.025000000	0.0000000	0.0	May	1	1	8
## 4067	0.025000000	45.4895000	0.8	May	1	1	6
## 4068	0.050000000	0.0000000	0.0	May	2	2	4
## 4069	0.020000000	32.3820000	0.0	May	2	2	2
## 4070	0.031666667	0.0000000	0.0	May	1	1	1
## 4071	0.040000000	0.0000000	0.2	May	2	2	3
## 4072	0.020000000	44.3880000	0.0	May	2	2	3
## 4073	0.150000000	0.0000000	0.0	May	1	1	1
## 4074	0.016049383	0.0000000	0.0	May	2	2	3
## 4075	0.006407828	14.8513125	0.0	May	2	2	7
## 4076	0.020000000	0.0000000	0.0	May	1	1	8
## 4077	0.014285714	0.0000000	0.0	May	2	10	8
## 4078	0.014285714	0.0000000	0.0	May	1	1	4
## 4079	0.007692308	26.5935385	0.2	May	2	10	1
## 4080	0.066666667	0.0000000	0.0	May	1	1	1
## 4081	0.200000000	0.0000000	0.2	May	1	1	4
## 4082	0.050877193	0.0000000	0.6	May	3	2	6
## 4083	0.066666667	0.0000000	0.0	May	1	1	1
## 4084	0.033227513	0.0000000	0.6	May	2	10	3
## 4085	0.085416667	0.0000000	0.0	May	3	2	3
## 4086	0.026666667	0.0000000	0.0	May	1	1	2
## 4087	0.200000000	0.0000000	0.0	May	2	10	3
## 4088	0.038194444	0.0000000	0.0	May	3	2	5
## 4089	0.050000000	0.0000000	0.2	May	2	2	4
## 4090	0.083333333	0.0000000	0.2	May	2	2	2
## 4091	0.031932773	0.0000000	1.0	May	1	1	3
## 4092	0.007017544	70.0182632	0.0	May	2	2	1
## 4093	0.054930556	0.0000000	1.0	May	2	2	1
## 4094	0.066666667	0.0000000	0.0	May	2	2	3
## 4095	0.029643028	0.0000000	0.8	May	1	1	1
## 4096	0.060344828	0.0000000	0.0	May	2	2	1
## 4097	0.200000000	0.0000000	0.8	May	2	2	3
## 4098	0.019142857	16.1241600	0.0	May	1	8	1
## 4099	0.002173913	0.0000000	0.0	May	1	1	1
## 4100	0.023593750	0.0000000	0.8	May	2	5	4
## 4101	0.088888889	0.0000000	1.0	May	3	2	4
## 4102	0.005452381	0.0000000	0.0	May	3	2	3
## 4103	0.068055556	0.0000000	0.0	May	3	2	4
## 4104	0.040000000	0.0000000	0.2	May	2	2	6
## 4105	0.018181818	56.6236364	0.0	May	2	2	1

## 4106	0.030769231	0.0000000	0.6	May	3	2	9
## 4107	0.012918871	5.9214821	0.0	May	2	2	3
## 4108	0.028571429	0.0000000	0.0	May	2	2	1
## 4109	0.019047619	0.0000000	0.0	May	2	2	1
## 4110	0.043870968	0.0000000	0.2	May	2	2	1
## 4111	0.175000000	0.0000000	0.4	May	2	2	1
## 4112	0.060000000	0.0000000	0.6	May	1	1	1
## 4113	0.004545455	0.0000000	0.0	May	1	1	2
## 4114	0.200000000	0.0000000	0.8	May	3	2	2
## 4115	0.063636364	0.0000000	0.8	May	2	2	1
## 4116	0.015972222	0.0000000	0.0	May	1	1	1
## 4117	0.020381594	8.0228395	0.6	May	2	2	3
## 4118	0.018140590	0.0000000	0.8	May	3	2	1
## 4119	0.100000000	0.0000000	0.0	May	1	1	1
## 4120	0.192307692	0.0000000	0.8	May	3	2	1
## 4121	0.055555556	0.0000000	0.0	May	3	2	8
## 4122	0.200000000	0.0000000	0.0	May	3	2	1
## 4123	0.022222222	0.0000000	0.0	May	2	4	1
## 4124	0.023297491	6.4026129	0.0	May	2	2	4
## 4125	0.019756839	0.0000000	0.0	May	3	2	7
## 4126	0.005882353	62.0788235	0.0	May	2	2	1
## 4127	0.015151515	48.8640000	0.0	May	2	2	3
## 4128	0.003030303	57.4740000	0.0	May	2	2	5
## 4129	0.200000000	0.0000000	0.0	May	3	2	2
## 4130	0.034154351	0.0000000	0.4	May	2	4	3
## 4131	0.142857143	0.0000000	0.8	May	2	6	6
## 4132	0.018918919	9.5974054	0.6	May	2	2	1
## 4133	0.019263449	0.0000000	0.4	May	1	1	1
## 4134	0.028298931	10.4543768	1.0	May	2	2	1
## 4135	0.032653061	0.0000000	0.0	May	1	1	1
## 4136	0.020659075	2.5249940	0.2	May	2	2	3
## 4137	0.003492063	79.0000000	0.6	May	2	4	4
## 4138	0.040000000	0.0000000	0.0	May	2	4	7
## 4139	0.026666667	0.0000000	0.0	May	2	2	7
## 4140	0.012903226	0.0000000	0.0	May	2	2	8
## 4141	0.025000000	0.0000000	0.6	May	2	2	3
## 4142	0.029411765	0.0000000	0.2	May	2	2	1
## 4143	0.022500000	0.0000000	0.0	May	2	5	6
## 4144	0.084722222	0.0000000	0.0	May	3	2	1
## 4145	0.013383838	0.0000000	0.0	May	3	2	3
## 4146	0.050000000	0.0000000	0.8	May	2	2	4
## 4147	0.028571429	0.0000000	0.0	May	3	2	1
## 4148	0.058333333	0.0000000	0.0	May	2	2	4
## 4149	0.030213239	0.0000000	0.0	May	2	2	2
## 4150	0.011111111	8.6043913	0.0	May	3	3	5
## 4151	0.046666667	0.0000000	0.6	May	3	2	6
## 4152	0.044117647	0.0000000	0.0	May	2	2	1
## 4153	0.050000000	0.0000000	0.0	May	3	2	1
## 4154	0.050000000	0.0000000	0.8	May	2	2	7
## 4155	0.019555556	0.0000000	0.0	May	2	2	3
## 4156	0.111111111	0.0000000	0.0	May	3	2	8
## 4157	0.057142857	0.0000000	0.8	May	2	5	1
## 4158	0.034000000	0.0000000	0.8	May	2	5	2
## 4159	0.031111111	19.3482667	0.0	May	2	2	6

## 4160	0.013636364	0.0000000	0.0	May	2	2	1
## 4161	0.057142857	0.0000000	0.0	May	2	2	1
## 4162	0.024166667	0.0000000	1.0	May	3	2	4
## 4163	0.018461538	13.9967692	0.0	May	2	5	7
## 4164	0.100000000	0.0000000	0.0	May	3	2	4
## 4165	0.005555556	23.3216667	0.0	May	2	2	4
## 4166	0.004761905	0.0000000	0.0	May	2	2	1
## 4167	0.200000000	0.0000000	0.0	May	3	2	9
## 4168	0.025000000	0.0000000	0.0	May	2	2	2
## 4169	0.014673582	3.3828768	0.4	May	2	2	1
## 4170	0.018181818	0.0000000	0.4	May	3	2	1
## 4171	0.024747475	0.0000000	1.0	May	3	3	3
## 4172	0.023180828	2.1724314	0.8	May	1	1	3
## 4173	0.014871795	0.0000000	0.0	May	1	1	4
## 4174	0.010056926	17.0592258	0.8	May	2	2	3
## 4175	0.061538462	0.0000000	0.4	May	2	2	3
## 4176	0.016427739	7.9755000	0.0	May	2	2	1
## 4177	0.016444444	0.0000000	0.8	May	2	2	3
## 4178	0.033333333	0.0000000	0.8	May	2	2	3
## 4179	0.050000000	0.0000000	0.0	May	1	2	2
## 4180	0.025000000	0.0000000	0.0	May	1	1	4
## 4181	0.034338624	0.0000000	0.0	May	2	4	4
## 4182	0.200000000	0.0000000	0.0	May	2	10	3
## 4183	0.023809524	0.0000000	0.6	May	3	2	1
## 4184	0.034615385	0.0000000	0.8	May	2	4	1
## 4185	0.075000000	0.0000000	0.6	May	2	2	3
## 4186	0.032173913	0.0000000	0.0	May	2	5	5
## 4187	0.010869841	8.9265986	0.0	May	2	2	1
## 4188	0.004761905	0.0000000	0.0	May	3	2	2
## 4189	0.021296296	23.6194815	0.0	May	1	1	3
## 4190	0.026619133	0.0000000	0.0	May	3	2	5
## 4191	0.001470588	53.9880000	0.6	May	6	2	9
## 4192	0.016666667	0.0000000	0.2	May	2	2	6
## 4193	0.008000000	0.0000000	0.0	May	2	2	9
## 4194	0.043750000	0.0000000	0.0	May	3	2	1
## 4195	0.008837606	0.0000000	0.0	May	2	2	1
## 4196	0.066666667	0.0000000	0.4	May	2	2	1
## 4197	0.116666667	0.0000000	0.8	May	2	2	5
## 4198	0.083333333	0.0000000	0.2	May	2	2	5
## 4199	0.020052948	0.0000000	0.0	May	3	2	3
## 4200	0.033333333	0.0000000	1.0	May	2	2	6
## 4201	0.012765957	19.2975319	0.6	May	2	2	1
## 4202	0.023074581	16.6702274	0.0	May	2	2	7
## 4203	0.050000000	0.0000000	0.0	May	2	2	7
## 4204	0.012307692	0.0000000	0.0	May	3	2	1
## 4205	0.013341952	12.2741949	0.8	May	3	3	3
## 4206	0.033333333	0.0000000	0.2	May	4	1	1
## 4207	0.043307169	3.2416531	0.6	May	2	2	1
## 4208	0.004761905	0.0000000	0.0	May	1	1	1
## 4209	0.064000000	0.0000000	1.0	May	3	2	1
## 4210	0.030865335	4.7695668	0.6	May	3	2	1
## 4211	0.026587302	0.0000000	0.0	May	2	2	7
## 4212	0.133333333	0.0000000	0.0	May	2	2	3
## 4213	0.009523810	18.2742857	0.0	May	2	2	1

## 4214	0.032765957	0.0000000	0.0	May	2	2	8
## 4215	0.012903226	0.0000000	0.0	May	2	2	2
## 4216	0.057142857	0.0000000	0.8	May	4	2	1
## 4217	0.038918919	3.0643784	0.0	May	2	2	1
## 4218	0.009523810	0.0000000	0.0	May	1	1	6
## 4219	0.011111111	25.1090000	0.0	May	3	2	1
## 4220	0.016642012	10.1136090	0.0	May	2	2	3
## 4221	0.045192308	20.3796497	0.0	May	1	1	1
## 4222	0.020000000	0.0000000	0.0	May	2	2	6
## 4223	0.044444444	0.0000000	0.0	May	2	2	1
## 4224	0.018181818	50.3880000	0.0	May	1	1	1
## 4225	0.005128205	0.0000000	0.4	May	2	2	9
## 4226	0.022222222	0.0000000	0.0	May	2	10	3
## 4227	0.018421053	6.8121053	0.0	May	2	4	2
## 4228	0.010416667	0.0000000	0.0	May	2	4	7
## 4229	0.050000000	0.0000000	0.0	May	2	5	3
## 4230	0.100000000	0.0000000	0.0	May	2	2	3
## 4231	0.066666667	0.0000000	0.0	May	2	2	1
## 4232	0.026666667	0.0000000	0.0	May	2	6	6
## 4233	0.200000000	0.0000000	0.8	May	3	2	3
## 4234	0.108333333	0.0000000	0.0	May	3	2	6
## 4235	0.004347826	72.3020870	0.0	May	2	2	1
## 4236	0.115789474	0.0000000	0.8	May	2	2	2
## 4237	0.017105263	0.0000000	0.0	May	1	1	3
## 4238	0.051190476	0.0000000	0.0	May	2	2	1
## 4239	0.036507937	0.0000000	0.6	May	2	2	3
## 4240	0.177777778	0.0000000	0.0	May	2	2	2
## 4241	0.011662763	8.1840951	0.0	May	3	2	1
## 4242	0.018181818	0.0000000	0.0	May	2	2	6
## 4243	0.009109731	0.0000000	0.0	May	2	10	4
## 4244	0.021288981	27.7417716	0.0	May	2	5	3
## 4245	0.020000000	55.8486000	0.0	May	2	2	1
## 4246	0.030769231	0.0000000	1.0	May	3	2	3
## 4247	0.014000000	0.0000000	0.8	May	3	2	1
## 4248	0.045986395	0.0000000	0.0	May	1	1	6
## 4249	0.011764706	39.1860000	0.0	May	2	2	3
## 4250	0.009090909	17.8080000	0.0	May	2	2	8
## 4251	0.096000000	0.0000000	1.0	May	3	2	3
## 4252	0.042857143	0.0000000	1.0	May	2	2	3
## 4253	0.111111111	0.0000000	0.8	May	2	2	6
## 4254	0.030769231	0.0000000	0.0	May	2	2	6
## 4255	0.066666667	22.8963636	0.0	May	2	2	1
## 4256	0.066666667	0.0000000	0.0	May	2	2	2
## 4257	0.022222222	0.0000000	0.0	May	3	2	2
## 4258	0.010732401	3.3581333	0.0	May	1	1	3
## 4259	0.055555556	15.1841250	0.6	May	2	2	4
## 4260	0.024285714	7.6093714	0.2	May	2	2	6
## 4261	0.079573935	0.0000000	0.6	May	2	2	3
## 4262	0.030769231	0.0000000	0.0	May	1	1	1
## 4263	0.013153595	0.0000000	0.2	May	1	1	1
## 4264	0.040000000	0.0000000	0.0	May	1	1	3
## 4265	0.031250000	0.0000000	0.0	May	1	1	8
## 4266	0.016666667	0.0000000	0.4	May	2	2	1
## 4267	0.019047619	0.0000000	0.0	May	2	4	8

## 4268	0.032017551	16.1633333	0.0	May	2	2	2
## 4269	0.024444444	0.0000000	0.0	May	1	1	1
## 4270	0.200000000	0.0000000	0.0	May	3	2	6
## 4271	0.007272727	13.1114545	0.0	May	2	2	5
## 4272	0.100000000	0.0000000	0.8	May	2	4	1
## 4273	0.032132434	0.0000000	0.8	May	2	2	6
## 4274	0.004545455	16.5390909	0.0	May	2	2	4
## 4275	0.028888889	0.0000000	0.6	May	2	2	7
## 4276	0.100000000	0.0000000	0.0	May	2	2	3
## 4277	0.100000000	0.0000000	0.0	May	2	2	2
## 4278	0.033333333	0.0000000	0.0	May	2	2	4
## 4279	0.025000000	0.0000000	0.8	May	1	1	4
## 4280	0.074000000	0.0000000	0.2	May	1	8	1
## 4281	0.002941176	68.3760000	0.0	May	1	1	5
## 4282	0.036923077	0.0000000	0.2	May	2	2	1
## 4283	0.018707483	13.5306837	0.0	May	2	2	7
## 4284	0.100000000	0.0000000	0.0	May	2	4	3
## 4285	0.060000000	0.0000000	1.0	May	1	2	9
## 4286	0.025000000	0.0000000	0.0	May	2	2	1
## 4287	0.022377452	9.8498165	0.0	May	2	4	3
## 4288	0.043750000	0.0000000	0.0	May	2	2	1
## 4289	0.011111111	0.0000000	0.0	May	3	3	4
## 4290	0.160000000	0.0000000	0.6	May	2	2	1
## 4291	0.015384615	0.0000000	0.0	May	2	2	1
## 4292	0.066666667	0.0000000	0.0	May	1	2	3
## 4293	0.015135135	8.8975946	0.0	May	2	2	3
## 4294	0.015180847	8.0526167	0.0	May	2	2	1
## 4295	0.007539683	0.0000000	0.0	May	2	2	7
## 4296	0.012500000	0.0000000	0.0	May	2	5	1
## 4297	0.200000000	0.0000000	0.0	May	2	5	2
## 4298	0.033333333	0.0000000	0.0	May	1	1	1
## 4299	0.023522862	54.0752411	0.0	May	4	2	3
## 4300	0.018193939	21.7647505	0.0	May	2	2	1
## 4301	0.009090909	54.9703636	0.0	May	2	2	4
## 4302	0.023492063	0.0000000	0.0	May	3	2	7
## 4303	0.002898551	0.0000000	0.0	May	3	2	1
## 4304	0.044444444	0.0000000	0.6	May	1	1	1
## 4305	0.097619048	0.0000000	0.8	May	3	2	3
## 4306	0.200000000	0.0000000	0.0	May	3	3	1
## 4307	0.066666667	0.0000000	0.0	May	1	1	1
## 4308	0.012500000	0.0000000	0.0	May	4	1	1
## 4309	0.020000000	0.0000000	0.0	May	1	2	3
## 4310	0.121568627	0.0000000	0.6	May	2	2	1
## 4311	0.028508772	7.1534211	0.0	May	2	2	1
## 4312	0.010526316	0.0000000	0.0	May	3	2	3
## 4313	0.016394300	8.0690277	0.0	May	2	2	2
## 4314	0.019230769	0.0000000	0.6	May	2	5	4
## 4315	0.030621469	9.1029374	0.0	May	2	2	1
## 4316	0.140000000	0.0000000	0.6	May	1	1	6
## 4317	0.150000000	0.0000000	0.2	May	3	3	2
## 4318	0.022907353	0.0000000	0.6	May	2	2	3
## 4319	0.003703704	0.0000000	0.0	May	2	2	3
## 4320	0.015000000	0.0000000	0.0	May	1	1	3
## 4321	0.038802798	2.4833898	0.2	May	2	2	3

## 4322	0.018181818	0.0000000	0.0	May	4	2	1
## 4323	0.012000000	0.0000000	0.0	May	2	2	9
## 4324	0.001158605	0.0000000	0.0	May	2	2	7
## 4325	0.066666667	0.0000000	0.0	May	2	5	6
## 4326	0.035555556	0.0000000	0.2	May	3	2	1
## 4327	0.052631579	0.0000000	0.0	May	2	2	3
## 4328	0.019682540	0.0000000	0.0	May	3	2	3
## 4329	0.013793103	0.0000000	0.2	May	2	2	1
## 4330	0.100000000	0.0000000	0.0	May	3	2	3
## 4331	0.008333333	0.0000000	0.0	May	2	2	4
## 4332	0.023529412	28.5278823	0.0	May	3	7	3
## 4333	0.003216374	0.0000000	0.0	May	3	2	1
## 4334	0.100000000	0.0000000	0.8	May	2	2	1
## 4335	0.038095238	0.0000000	0.6	May	2	4	1
## 4336	0.044444444	26.6577778	0.0	May	2	5	3
## 4337	0.038277778	0.0000000	0.0	May	2	2	8
## 4338	0.018264209	0.0000000	0.0	May	1	2	1
## 4339	0.200000000	0.0000000	0.0	May	2	2	8
## 4340	0.011111111	18.8440000	0.0	May	2	2	3
## 4341	0.023480903	0.0000000	0.6	May	2	2	7
## 4342	0.023529412	0.0000000	0.2	May	1	1	1
## 4343	0.010000000	0.0000000	1.0	May	2	2	1
## 4344	0.200000000	0.0000000	1.0	May	1	1	1
## 4345	0.002857143	0.0000000	0.0	May	3	2	1
## 4346	0.077192982	6.6249474	0.6	May	3	2	2
## 4347	0.009523810	0.0000000	0.0	May	2	5	3
## 4348	0.100000000	0.0000000	0.2	May	3	2	2
## 4349	0.080437158	0.0000000	1.0	May	3	2	3
## 4350	0.020105820	0.0000000	0.0	May	2	2	9
## 4351	0.001169591	0.0000000	0.0	May	1	2	4
## 4352	0.005000000	0.0000000	0.0	May	2	4	1
## 4353	0.027681159	0.0000000	0.6	May	1	1	3
## 4354	0.100000000	0.0000000	0.0	May	3	2	1
## 4355	0.023076923	0.0000000	1.0	May	1	1	1
## 4356	0.020000000	0.0000000	0.0	May	3	5	1
## 4357	0.008333333	0.0000000	0.0	May	2	2	1
## 4358	0.017133956	16.9404673	0.6	May	2	2	1
## 4359	0.046666667	0.0000000	0.6	May	3	2	1
## 4360	0.018888889	0.0000000	0.8	May	3	2	1
## 4361	0.039506173	0.0000000	0.6	May	2	2	7
## 4362	0.030341880	0.0000000	0.2	May	3	2	2
## 4363	0.042694343	0.0000000	0.0	May	3	2	1
## 4364	0.078431373	0.0000000	0.0	May	3	3	8
## 4365	0.022222222	0.0000000	0.2	May	3	2	8
## 4366	0.034586466	0.0000000	0.0	May	3	2	2
## 4367	0.033333333	0.0000000	0.0	May	3	2	2
## 4368	0.005729167	0.0000000	0.0	May	2	2	8
## 4369	0.015714286	59.9677714	0.2	May	1	1	4
## 4370	0.051282051	0.0000000	0.4	May	3	2	1
## 4371	0.023232323	14.7370909	0.2	May	2	2	4
## 4372	0.030510511	7.9415315	0.0	May	2	2	1
## 4373	0.012244898	5.1377143	0.0	May	4	1	4
## 4374	0.050000000	63.8910000	0.0	May	3	2	4
## 4375	0.018048780	6.5300488	0.0	May	2	2	1

## 4376	0.009090909	0.0000000	0.4	May	2	2	4
## 4377	0.047619048	10.6251429	0.6	May	2	2	1
## 4378	0.077777778	0.0000000	0.0	May	1	1	1
## 4379	0.039074074	0.0000000	0.0	May	2	2	4
## 4380	0.012500000	9.7402500	0.0	May	1	1	3
## 4381	0.009733401	8.8684490	0.0	May	2	5	3
## 4382	0.024666667	13.6749333	0.0	May	3	6	4
## 4383	0.042222222	0.0000000	0.8	May	1	1	1
## 4384	0.018087558	12.5991023	0.0	May	2	1	1
## 4385	0.028571429	26.9800000	0.0	May	2	4	3
## 4386	0.035555556	0.0000000	0.0	May	2	4	1
## 4387	0.017809524	3.9980000	0.6	May	3	2	4
## 4388	0.069736842	12.1521053	0.0	May	3	2	4
## 4389	0.043386243	0.0000000	0.0	May	1	1	1
## 4390	0.042105263	0.0000000	0.8	May	2	2	4
## 4391	0.005714286	0.0000000	0.0	May	3	2	3
## 4392	0.030000000	0.0000000	0.6	May	2	2	4
## 4393	0.066666667	0.0000000	0.0	May	4	1	1
## 4394	0.025000000	0.0000000	0.0	May	2	2	9
## 4395	0.200000000	0.0000000	0.8	May	2	4	1
## 4396	0.033333333	55.4850000	0.0	May	2	4	4
## 4397	0.028888889	0.0000000	0.6	May	2	2	1
## 4398	0.013333333	0.0000000	0.0	May	4	2	2
## 4399	0.200000000	0.0000000	0.0	May	1	2	1
## 4400	0.067323481	0.0000000	0.6	May	2	2	1
## 4401	0.045365079	0.0000000	0.8	May	2	10	2
## 4402	0.027777778	38.2094074	0.0	May	2	5	3
## 4403	0.021846847	5.6772865	0.4	May	2	5	2
## 4404	0.035897436	0.0000000	0.0	May	1	1	1
## 4405	0.200000000	0.0000000	0.0	May	2	5	1
## 4406	0.035937500	0.0000000	0.0	May	2	2	4
## 4407	0.040000000	0.0000000	0.0	May	3	2	3
## 4408	0.026666667	0.0000000	0.0	May	2	2	6
## 4409	0.051538462	0.0000000	0.0	May	3	2	3
## 4410	0.005555556	0.0000000	0.0	May	3	2	3
## 4411	0.010000000	0.0000000	0.0	May	2	5	2
## 4412	0.026383333	4.5476000	0.0	May	4	1	1
## 4413	0.036666667	0.0000000	0.6	May	2	2	3
## 4414	0.072222222	0.0000000	0.6	May	3	2	4
## 4415	0.025000000	0.0000000	0.0	May	3	2	1
## 4416	0.045833333	5.2447500	0.4	May	2	2	1
## 4417	0.108333333	0.0000000	0.6	May	2	2	1
## 4418	0.015384615	0.0000000	0.0	May	3	2	1
## 4419	0.050000000	0.0000000	0.8	May	2	2	6
## 4420	0.018742138	0.0000000	0.0	May	3	2	1
## 4421	0.040000000	0.0000000	0.0	May	1	1	3
## 4422	0.010714286	9.8651250	0.0	May	2	2	4
## 4423	0.040000000	0.0000000	0.0	May	2	2	4
## 4424	0.044444444	0.0000000	0.2	May	2	2	7
## 4425	0.008695652	43.8104348	0.0	May	2	2	2
## 4426	0.028330849	0.0000000	0.0	May	2	2	9
## 4427	0.018181818	0.0000000	0.0	May	2	5	9
## 4428	0.070000000	0.0000000	0.8	May	1	8	3
## 4429	0.026086957	69.2786087	0.0	May	2	2	1

## 4430	0.100000000	0.0000000	0.8	May	2	2	3
## 4431	0.010000000	0.0000000	0.0	May	2	2	1
## 4432	0.008024691	42.5033333	0.0	May	2	2	9
## 4433	0.200000000	0.0000000	0.0	May	1	8	2
## 4434	0.040000000	0.0000000	0.0	May	2	4	3
## 4435	0.100000000	0.0000000	0.2	May	3	2	3
## 4436	0.021250000	0.0000000	0.0	May	2	4	3
## 4437	0.006666667	0.0000000	0.0	May	2	6	1
## 4438	0.024548440	0.0000000	0.0	May	2	2	1
## 4439	0.050000000	0.0000000	0.4	May	2	2	6
## 4440	0.048148148	15.9468000	0.0	May	1	1	3
## 4441	0.017346939	0.0000000	0.0	May	1	2	3
## 4442	0.018750000	0.0000000	0.4	May	3	2	3
## 4443	0.200000000	0.0000000	0.0	May	2	5	6
## 4444	0.022727273	0.0000000	0.0	May	2	2	3
## 4445	0.038292564	8.5082375	0.0	May	2	2	3
## 4446	0.026666667	32.1908000	0.0	May	2	4	1
## 4447	0.043333333	0.0000000	0.0	May	2	2	9
## 4448	0.120000000	0.0000000	0.6	May	2	2	6
## 4449	0.022222222	0.0000000	0.0	May	2	2	7
## 4450	0.006250000	0.0000000	0.0	May	2	2	2
## 4451	0.017096460	5.7100613	0.0	May	2	2	3
## 4452	0.033717640	1.9141750	0.2	May	2	2	3
## 4453	0.054545455	0.0000000	0.0	May	2	2	2
## 4454	0.020740741	0.0000000	0.6	May	3	2	3
## 4455	0.023076923	31.2200000	0.0	May	3	2	8
## 4456	0.035693651	5.1851651	0.8	May	3	2	3
## 4457	0.006584897	1.0337640	0.0	May	2	2	3
## 4458	0.050000000	0.0000000	0.0	May	1	1	3
## 4459	0.012500000	24.7387500	0.0	May	2	2	5
## 4460	0.200000000	0.0000000	0.0	May	4	2	1
## 4461	0.200000000	0.0000000	0.4	May	1	1	7
## 4462	0.020000000	0.0000000	0.6	May	2	4	1
## 4463	0.083730159	0.0000000	1.0	May	2	2	1
## 4464	0.013178295	0.0000000	0.0	May	2	2	2
## 4465	0.010000000	91.2460000	0.0	May	2	4	1
## 4466	0.077843137	0.0000000	0.0	May	3	2	6
## 4467	0.022222222	0.0000000	1.0	May	6	2	3
## 4468	0.008461558	16.4842105	0.0	May	2	2	6
## 4469	0.033333333	0.0000000	0.6	May	2	2	1
## 4470	0.025000000	0.0000000	0.0	May	2	2	1
## 4471	0.075000000	0.0000000	0.0	May	3	2	6
## 4472	0.014814815	9.9916667	0.0	May	3	2	2
## 4473	0.200000000	0.0000000	0.0	May	4	2	3
## 4474	0.036666667	0.0000000	0.0	May	2	2	1
## 4475	0.003846154	0.0000000	0.0	May	2	6	1
## 4476	0.010310363	8.2565724	0.0	May	2	10	3
## 4477	0.016052227	0.0000000	0.8	May	2	5	1
## 4478	0.013333333	0.0000000	0.0	May	1	1	8
## 4479	0.050000000	0.0000000	0.0	May	2	2	1
## 4480	0.019676875	0.0000000	0.4	May	2	5	2
## 4481	0.038461538	0.0000000	0.2	May	2	2	3
## 4482	0.012121212	47.2606061	0.0	May	2	2	4
## 4483	0.016666667	0.0000000	0.8	May	2	2	3

## 4484	0.008333333	35.9800000	0.0	May	2	5	3
## 4485	0.026500000	0.0000000	0.0	May	2	5	1
## 4486	0.078938839	0.0000000	0.6	May	1	1	1
## 4487	0.017391304	0.0000000	0.0	May	2	2	1
## 4488	0.044444444	0.0000000	0.8	May	4	2	1
## 4489	0.028371212	0.0000000	0.0	May	3	2	3
## 4490	0.028376068	2.5615385	0.0	May	2	6	1
## 4491	0.017027417	0.0000000	0.0	May	2	2	1
## 4492	0.050000000	0.0000000	0.0	May	1	1	3
## 4493	0.004353234	49.3927164	0.0	May	4	5	3
## 4494	0.046264368	0.0000000	0.4	May	2	6	3
## 4495	0.007885305	11.4781290	0.0	May	2	2	4
## 4496	0.070000000	0.0000000	0.0	May	1	1	2
## 4497	0.071645022	0.0000000	0.0	May	3	2	1
## 4498	0.033333333	0.0000000	0.0	May	1	1	2
## 4499	0.025000000	17.5410000	1.0	May	2	2	2
## 4500	0.020000000	0.0000000	0.0	May	3	2	4
## 4501	0.008727273	0.0000000	0.0	May	2	10	1
## 4502	0.035714286	0.0000000	0.0	May	3	2	2
## 4503	0.031113658	0.0000000	0.0	May	3	2	1
## 4504	0.144444444	0.0000000	0.2	May	2	4	6
## 4505	0.011111111	0.0000000	0.0	May	1	8	9
## 4506	0.010000000	0.0000000	0.4	May	1	1	8
## 4507	0.044444444	0.0000000	0.0	May	2	2	8
## 4508	0.008035714	64.4618571	0.0	May	1	1	4
## 4509	0.021153846	0.0000000	0.0	May	3	2	8
## 4510	0.076190476	0.0000000	0.0	May	3	2	1
## 4511	0.022514620	12.1316199	0.0	May	4	1	6
## 4512	0.024642375	0.0000000	0.0	May	2	4	1
## 4513	0.055000000	0.0000000	0.0	May	3	2	6
## 4514	0.026086957	0.0000000	0.0	May	2	2	6
## 4515	0.005185185	0.0000000	0.0	May	2	2	1
## 4516	0.060000000	0.0000000	0.4	May	3	2	3
## 4517	0.033333333	0.0000000	0.0	May	2	2	2
## 4518	0.100000000	0.0000000	0.0	May	3	2	4
## 4519	0.011488014	0.0000000	0.0	May	2	4	4
## 4520	0.011764706	0.0000000	0.6	May	1	1	1
## 4521	0.031746032	0.0000000	0.0	May	2	6	2
## 4522	0.020000000	0.0000000	0.0	May	3	2	1
## 4523	0.030000000	0.0000000	0.0	May	1	1	4
## 4524	0.050000000	0.0000000	0.0	May	2	2	2
## 4525	0.046666667	0.0000000	0.0	May	1	1	3
## 4526	0.033064516	15.6580839	0.0	May	1	1	1
## 4527	0.003508772	0.0000000	0.0	May	2	2	6
## 4528	0.001923077	0.0000000	0.0	May	2	2	3
## 4529	0.025141026	0.0000000	0.0	May	3	2	8
## 4530	0.040000000	0.0000000	0.0	May	1	1	1
## 4531	0.062500000	0.0000000	0.0	May	2	2	1
## 4532	0.023148148	0.0000000	0.8	May	2	2	2
## 4533	0.012631579	16.1005263	0.0	May	2	2	2
## 4534	0.033333333	0.0000000	0.8	May	2	4	1
## 4535	0.007692308	0.0000000	0.0	May	2	2	7
## 4536	0.028059163	6.2210455	0.0	May	2	5	3
## 4537	0.033333333	0.0000000	0.0	May	2	2	5

## 4538	0.002380952	0.0000000	0.0	May	3	2	3
## 4539	0.029227053	0.0000000	0.6	May	2	10	9
## 4540	0.016666667	0.0000000	0.6	May	2	4	2
## 4541	0.022611111	7.9980000	0.8	May	2	2	7
## 4542	0.200000000	0.0000000	0.2	May	1	2	3
## 4543	0.027777778	0.0000000	0.0	May	2	5	2
## 4544	0.042121212	0.0000000	0.0	May	3	2	6
## 4545	0.071428571	0.0000000	0.0	May	2	2	3
## 4546	0.026666667	0.0000000	0.0	May	2	2	3
## 4547	0.014074074	0.0000000	0.6	May	2	2	1
## 4548	0.022222222	0.0000000	0.2	May	3	2	1
## 4549	0.033333333	0.0000000	0.0	May	1	1	2
## 4550	0.039827675	0.0000000	1.0	May	2	2	4
## 4551	0.021383053	5.1594622	0.8	May	2	2	7
## 4552	0.030555556	26.9850000	0.0	May	2	2	1
## 4553	0.011134752	0.0000000	0.6	May	2	2	3
## 4554	0.150000000	0.0000000	0.2	May	2	2	3
## 4555	0.088888889	0.0000000	0.0	May	2	2	9
## 4556	0.014912281	38.2035790	0.0	May	2	2	1
## 4557	0.039824561	26.5455000	0.0	May	3	2	1
## 4558	0.028571429	54.9800000	1.0	May	2	2	3
## 4559	0.029239766	0.0000000	0.6	May	1	2	1
## 4560	0.171428571	0.0000000	0.0	May	2	2	2
## 4561	0.046666667	0.0000000	0.8	May	2	2	2
## 4562	0.043939394	0.0000000	0.6	May	2	2	2
## 4563	0.034375000	0.0000000	0.0	May	1	1	2
## 4564	0.022134495	3.9841107	0.0	May	2	2	1
## 4565	0.017857143	5.7980000	0.0	May	2	2	1
## 4566	0.100000000	0.0000000	0.0	May	2	4	9
## 4567	0.020454545	5.9031818	0.0	May	2	2	5
## 4568	0.010000000	0.0000000	0.0	May	2	2	5
## 4569	0.050000000	0.0000000	0.0	May	2	4	4
## 4570	0.071428571	0.0000000	1.0	May	3	2	2
## 4571	0.150000000	0.0000000	0.6	May	1	1	3
## 4572	0.021690178	3.0767069	0.8	May	3	2	1
## 4573	0.111764706	0.0000000	0.6	May	2	2	1
## 4574	0.036363636	0.0000000	1.0	May	3	2	2
## 4575	0.133333333	0.0000000	0.0	May	2	2	2
## 4576	0.012500000	58.1056250	0.0	May	1	1	3
## 4577	0.011497494	64.0812632	0.0	May	2	2	2
## 4578	0.011111111	0.0000000	0.0	May	3	2	6
## 4579	0.050000000	0.0000000	0.0	May	2	4	3
## 4580	0.001388889	0.0000000	0.0	May	2	4	1
## 4581	0.024603175	0.0000000	0.0	May	2	2	2
## 4582	0.003296703	0.0000000	0.0	May	1	2	7
## 4583	0.040000000	0.0000000	0.0	May	2	4	7
## 4584	0.073333333	0.0000000	0.0	May	1	1	3
## 4585	0.054166667	0.0000000	1.0	May	3	2	6
## 4586	0.036774359	53.2226867	0.4	May	2	2	2
## 4587	0.011111111	0.0000000	0.0	May	1	1	1
## 4588	0.012500000	0.0000000	0.8	May	3	2	1
## 4589	0.047740113	7.7267797	0.4	May	2	2	3
## 4590	0.010385835	8.4956512	0.0	May	3	2	3
## 4591	0.023809524	12.5976667	0.0	May	4	1	1

## 4592	0.001081081	33.8477838	0.0	May	3	2	7
## 4593	0.010139398	1.9124222	0.0	May	4	2	3
## 4594	0.008333333	23.9880000	0.0	May	2	2	6
## 4595	0.100000000	0.0000000	0.8	May	2	2	1
## 4596	0.133333333	0.0000000	0.0	May	3	3	1
## 4597	0.044444444	0.0000000	0.6	May	2	2	3
## 4598	0.028571429	0.0000000	0.0	May	1	2	3
## 4599	0.033122363	5.7829882	0.4	May	2	2	1
## 4600	0.038541667	0.0000000	0.0	May	3	2	3
## 4601	0.058333333	0.0000000	1.0	May	2	5	7
## 4602	0.037500000	0.0000000	0.0	May	3	2	1
## 4603	0.006666667	0.0000000	0.0	May	2	2	5
## 4604	0.066666667	0.0000000	0.6	May	2	2	5
## 4605	0.021453423	11.2842750	0.0	May	3	2	1
## 4606	0.041666667	0.0000000	0.0	May	2	2	6
## 4607	0.112903226	0.0000000	0.8	May	2	2	3
## 4608	0.106206897	0.0000000	0.8	May	3	2	5
## 4609	0.010098420	1.5583814	1.0	May	2	2	1
## 4610	0.036363636	0.0000000	0.0	May	4	1	9
## 4611	0.008333333	0.0000000	0.6	May	2	2	4
## 4612	0.019298246	0.0000000	0.0	May	2	2	1
## 4613	0.012500000	0.0000000	0.0	May	1	1	1
## 4614	0.023529412	27.6640000	0.6	May	2	2	2
## 4615	0.029112554	0.0000000	0.0	May	3	2	1
## 4616	0.011252929	1.5348360	0.0	May	2	2	2
## 4617	0.013672300	0.0000000	0.0	May	3	2	4
## 4618	0.016666667	0.0000000	0.0	May	2	2	1
## 4619	0.014203612	0.0000000	0.6	May	2	2	1
## 4620	0.080000000	0.0000000	0.0	May	3	2	1
## 4621	0.023157895	0.0000000	0.0	May	2	2	3
## 4622	0.010526316	0.0000000	0.0	May	2	2	1
## 4623	0.019696970	0.0000000	0.8	May	2	2	4
## 4624	0.008333333	0.0000000	0.0	May	2	2	6
## 4625	0.100000000	0.0000000	0.0	May	2	2	3
## 4626	0.068750000	0.0000000	0.0	May	2	2	2
## 4627	0.200000000	0.0000000	0.6	May	2	2	6
## 4628	0.028052083	0.0000000	0.8	May	2	2	1
## 4629	0.030769231	32.4373846	0.0	May	1	1	3
## 4630	0.101042228	0.0000000	0.4	May	2	2	1
## 4631	0.015686275	0.0000000	0.0	May	2	6	9
## 4632	0.023763441	10.1700276	0.2	May	3	2	1
## 4633	0.027790788	0.0000000	0.0	May	2	2	3
## 4634	0.026086957	0.0000000	0.8	May	3	2	2
## 4635	0.013739852	24.0264549	0.0	May	3	2	9
## 4636	0.014285714	0.0000000	0.0	May	2	2	3
## 4637	0.014390244	33.9251122	0.0	May	4	1	3
## 4638	0.023611111	0.0000000	0.6	May	3	2	3
## 4639	0.003703704	0.0000000	0.0	May	2	2	3
## 4640	0.036607143	0.0000000	0.0	May	2	2	2
## 4641	0.012878788	20.8881818	1.0	May	3	2	1
## 4642	0.011965812	22.2040171	0.0	May	2	4	3
## 4643	0.040000000	0.0000000	0.0	May	3	3	1
## 4644	0.031730769	0.0000000	0.0	May	2	2	3
## 4645	0.003632479	0.0000000	0.0	May	3	2	6

## 4646	0.041666667	0.0000000	0.8	May	2	2	2
## 4647	0.066666667	0.0000000	1.0	May	3	2	1
## 4648	0.024416667	0.0000000	0.8	May	2	4	5
## 4649	0.021312784	0.0000000	0.4	May	3	2	3
## 4650	0.045833333	0.0000000	0.0	May	2	2	1
## 4651	0.004444444	0.0000000	0.0	May	2	2	4
## 4652	0.047619048	0.0000000	0.0	May	1	1	4
## 4653	0.033684211	0.0000000	0.8	May	2	2	2
## 4654	0.022177156	0.0000000	0.4	May	2	6	1
## 4655	0.048622222	0.0000000	0.8	May	2	2	1
## 4656	0.050000000	0.0000000	0.4	May	2	5	9
## 4657	0.061538462	0.0000000	0.6	May	2	5	9
## 4658	0.100000000	0.0000000	0.0	May	2	10	1
## 4659	0.020000000	0.0000000	0.8	May	1	1	7
## 4660	0.025634921	0.0000000	0.0	May	3	2	1
## 4661	0.085714286	0.0000000	0.6	May	2	2	2
## 4662	0.015384615	0.0000000	0.0	May	2	2	9
## 4663	0.022222222	0.0000000	0.0	May	1	1	8
## 4664	0.093333333	0.0000000	0.0	May	2	4	1
## 4665	0.030769231	0.0000000	0.4	May	2	2	5
## 4666	0.020833333	0.0000000	0.6	May	2	5	1
## 4667	0.012500000	0.0000000	0.0	May	1	1	6
## 4668	0.020000000	0.0000000	0.0	May	2	5	6
## 4669	0.108333333	0.0000000	0.0	May	3	2	1
## 4670	0.166666667	0.0000000	0.8	May	2	2	7
## 4671	0.072727273	0.0000000	0.6	May	1	1	1
## 4672	0.160000000	0.0000000	0.6	May	2	4	2
## 4673	0.075000000	0.0000000	1.0	May	1	1	1
## 4674	0.047619048	0.0000000	0.0	May	2	4	1
## 4675	0.006666667	0.0000000	0.0	May	1	2	1
## 4676	0.075000000	0.0000000	0.0	May	3	2	3
## 4677	0.042922078	3.2295182	1.0	May	2	2	6
## 4678	0.106666667	0.0000000	0.2	May	2	2	2
## 4679	0.039361702	0.0000000	0.0	May	2	2	3
## 4680	0.016666667	0.0000000	0.4	May	3	2	7
## 4681	0.004747475	12.6154343	0.0	May	2	2	5
## 4682	0.001282051	0.0000000	0.0	May	3	2	8
## 4683	0.034895833	0.0000000	0.6	May	1	1	1
## 4684	0.030083333	0.0000000	0.0	May	2	2	3
## 4685	0.030434783	27.8191304	0.0	May	1	1	3
## 4686	0.026731602	15.0258377	0.0	May	3	2	3
## 4687	0.029487179	0.0000000	0.0	May	1	1	4
## 4688	0.030769231	0.0000000	0.0	May	4	5	1
## 4689	0.040000000	0.0000000	0.0	May	1	8	1
## 4690	0.012500000	0.0000000	0.0	May	2	5	1
## 4691	0.108333333	0.0000000	0.0	May	1	1	3
## 4692	0.120000000	0.0000000	0.6	May	2	2	1
## 4693	0.026388889	8.4525000	0.0	May	1	1	1
## 4694	0.050000000	0.0000000	0.0	May	2	2	1
## 4695	0.030000000	0.0000000	0.0	May	1	1	6
## 4696	0.014285714	23.1300000	0.0	May	2	2	1
## 4697	0.033333333	0.0000000	0.0	May	2	2	6
## 4698	0.019786325	6.7830000	0.0	May	2	4	5
## 4699	0.017351598	11.8290411	0.8	May	2	2	1

## 4700	0.034615385	0.0000000	0.6	May	2	2	1
## 4701	0.067530864	0.0000000	0.0	May	3	2	2
## 4702	0.062500000	0.0000000	0.0	May	3	2	4
## 4703	0.017647059	0.0000000	0.8	May	2	2	1
## 4704	0.015432099	6.0767346	0.0	May	1	1	1
## 4705	0.005555556	0.0000000	0.0	May	3	2	6
## 4706	0.020000000	0.0000000	0.0	May	3	2	4
## 4707	0.094444444	0.0000000	0.0	May	1	1	1
## 4708	0.050000000	0.0000000	0.0	May	2	2	7
## 4709	0.011728395	19.1105000	0.0	May	2	2	4
## 4710	0.010344828	0.0000000	0.0	May	2	2	1
## 4711	0.025000000	23.2350000	0.0	May	1	1	1
## 4712	0.060877193	0.0000000	0.6	May	2	2	1
## 4713	0.027115142	0.0000000	0.6	May	2	5	2
## 4714	0.100000000	0.0000000	0.0	May	2	2	1
## 4715	0.032738095	22.9353107	0.6	May	1	1	1
## 4716	0.019559500	0.0000000	0.0	May	2	2	3
## 4717	0.050000000	0.0000000	0.0	May	2	4	3
## 4718	0.037130178	0.0000000	0.8	May	2	4	3
## 4719	0.028888889	4.1976000	0.0	May	2	2	8
## 4720	0.133333333	0.0000000	0.0	May	2	2	3
## 4721	0.005379499	0.9028357	0.0	May	2	2	3
## 4722	0.022222222	0.0000000	0.0	May	2	2	1
## 4723	0.023773007	0.0000000	1.0	May	3	2	2
## 4724	0.033333333	0.0000000	0.6	May	2	5	3
## 4725	0.022222222	36.2560000	0.4	May	2	2	5
## 4726	0.007407407	9.0653333	0.0	May	1	10	1
## 4727	0.050000000	0.0000000	0.8	May	2	2	5
## 4728	0.008064516	84.3066384	0.0	May	2	2	2
## 4729	0.014285714	0.0000000	0.6	May	2	2	2
## 4730	0.008484848	0.0000000	0.0	May	1	1	4
## 4731	0.045454545	0.0000000	0.0	May	2	2	4
## 4732	0.072222222	0.0000000	0.0	May	3	2	3
## 4733	0.012500000	0.0000000	0.0	May	2	6	3
## 4734	0.200000000	0.0000000	0.0	May	3	2	5
## 4735	0.010526316	28.0345263	0.2	May	2	2	2
## 4736	0.046071429	0.0000000	0.0	May	2	2	2
## 4737	0.020880682	0.0000000	0.0	May	3	2	5
## 4738	0.052318841	0.0000000	0.8	May	3	2	2
## 4739	0.075000000	0.0000000	0.0	May	3	2	3
## 4740	0.040000000	0.0000000	0.0	May	2	4	1
## 4741	0.100000000	0.0000000	0.0	May	2	2	7
## 4742	0.010691824	0.0000000	0.0	May	3	2	3
## 4743	0.020000000	24.2865000	0.0	May	2	5	5
## 4744	0.004347826	0.0000000	0.0	May	2	2	7
## 4745	0.020000000	0.0000000	0.0	May	2	2	2
## 4746	0.122222222	0.0000000	0.4	May	3	2	1
## 4747	0.066666667	0.0000000	0.0	May	3	2	3
## 4748	0.015384615	0.0000000	0.0	May	3	2	2
## 4749	0.106000000	0.0000000	1.0	May	2	2	1
## 4750	0.055555556	0.0000000	0.0	May	3	2	4
## 4751	0.012318841	17.1907391	0.0	May	3	2	1
## 4752	0.100000000	0.0000000	0.2	May	2	2	3
## 4753	0.040000000	0.0000000	0.6	May	2	2	5

## 4754	0.020329446	15.2503375	0.6	May	2	2	3
## 4755	0.010682540	16.7842023	0.0	May	3	2	5
## 4756	0.022222222	0.0000000	1.0	May	2	2	4
## 4757	0.025000000	0.0000000	0.0	May	2	2	1
## 4758	0.060000000	0.0000000	0.0	May	1	1	2
## 4759	0.049230769	0.0000000	0.0	May	2	2	1
## 4760	0.025000000	0.0000000	0.0	May	2	2	1
## 4761	0.015384615	0.0000000	0.0	May	1	1	3
## 4762	0.024380952	0.0000000	0.8	May	2	2	7
## 4763	0.050000000	0.0000000	0.6	May	3	2	3
## 4764	0.018181818	0.0000000	0.0	May	2	2	1
## 4765	0.015789474	0.0000000	0.6	May	1	1	1
## 4766	0.011078431	0.0000000	0.0	May	2	2	2
## 4767	0.010370370	0.0000000	0.0	May	2	2	4
## 4768	0.070000000	0.0000000	0.0	May	1	1	1
## 4769	0.031944444	0.0000000	0.4	May	2	2	6
## 4770	0.024137931	0.0000000	0.0	May	3	2	5
## 4771	0.011111111	0.0000000	0.0	May	1	1	1
## 4772	0.097142857	0.0000000	0.0	May	3	2	1
## 4773	0.007407407	0.0000000	0.0	May	1	1	3
## 4774	0.012000000	0.0000000	0.8	May	2	2	1
## 4775	0.013089192	26.2793316	0.4	May	2	2	2
## 4776	0.095402299	0.0000000	0.8	May	2	2	1
## 4777	0.050000000	0.0000000	0.0	May	2	2	1
## 4778	0.019666667	0.0000000	0.0	May	3	2	3
## 4779	0.029964539	11.9639681	0.2	May	1	2	4
## 4780	0.025787879	0.0000000	0.0	May	2	2	1
## 4781	0.200000000	0.0000000	0.4	May	2	2	1
## 4782	0.042307692	0.0000000	0.0	May	1	1	1
## 4783	0.050000000	0.0000000	0.4	May	2	2	1
## 4784	0.013043478	0.0000000	0.0	May	3	2	4
## 4785	0.050606061	0.0000000	0.4	May	3	2	1
## 4786	0.028571429	0.0000000	0.0	May	2	2	7
## 4787	0.033333333	0.0000000	0.0	May	2	2	1
## 4788	0.020833333	0.0000000	0.0	May	2	2	1
## 4789	0.050000000	0.0000000	0.0	May	3	2	3
## 4790	0.010000000	0.0000000	0.0	May	1	1	1
## 4791	0.016666667	0.0000000	0.4	May	3	2	8
## 4792	0.007142857	0.0000000	0.0	May	2	2	1
## 4793	0.008163265	0.0000000	0.0	May	4	1	1
## 4794	0.090322581	0.0000000	0.4	May	2	4	3
## 4795	0.200000000	0.0000000	0.0	May	1	8	1
## 4796	0.200000000	0.0000000	0.0	May	3	2	7
## 4797	0.047560976	0.0000000	0.4	May	2	2	1
## 4798	0.125000000	0.0000000	0.8	May	3	2	7
## 4799	0.018181818	58.1672727	0.0	May	1	1	1
## 4800	0.070000000	0.0000000	1.0	May	1	1	3
## 4801	0.014619883	0.0000000	0.0	May	2	2	3
## 4802	0.085714286	0.0000000	0.0	May	2	2	6
## 4803	0.034482887	14.9848750	0.4	May	2	2	3
## 4804	0.010344828	0.0000000	0.0	May	1	1	2
## 4805	0.037838384	0.0000000	1.0	May	1	1	3
## 4806	0.008888889	0.0000000	0.0	May	1	1	1
## 4807	0.058000000	0.0000000	0.0	May	3	2	6

## 4808	0.010233918	20.1179298	0.0	May	2	5	6
## 4809	0.038133333	0.0000000	1.0	May	3	2	3
## 4810	0.050000000	0.0000000	0.8	May	2	2	9
## 4811	0.044501535	0.0000000	0.8	May	3	2	1
## 4812	0.018181818	31.9800000	0.0	May	1	2	8
## 4813	0.016666667	0.0000000	0.2	May	3	2	3
## 4814	0.016458333	0.0000000	0.0	May	3	2	1
## 4815	0.040000000	0.0000000	0.0	May	2	2	3
## 4816	0.066666667	0.0000000	0.4	May	1	2	8
## 4817	0.042207792	0.0000000	0.0	May	1	2	4
## 4818	0.100000000	0.0000000	0.6	May	4	1	4
## 4819	0.016666667	0.0000000	0.0	May	1	1	3
## 4820	0.200000000	0.0000000	0.0	May	2	5	7
## 4821	0.006862745	0.0000000	0.0	May	3	2	1
## 4822	0.027083333	15.8183958	0.0	May	2	2	5
## 4823	0.088461538	0.0000000	0.4	May	2	2	6
## 4824	0.048412698	0.0000000	0.0	May	3	2	8
## 4825	0.007142857	0.0000000	0.0	May	2	2	1
## 4826	0.015384615	0.0000000	0.0	May	2	2	5
## 4827	0.020000000	0.0000000	0.0	May	2	2	1
## 4828	0.016666667	0.0000000	0.0	May	1	1	1
## 4829	0.200000000	0.0000000	0.0	May	3	6	2
## 4830	0.016666667	0.0000000	0.0	May	1	1	8
## 4831	0.001600000	0.0000000	0.0	May	3	2	3
## 4832	0.012500000	0.0000000	0.0	May	1	1	3
## 4833	0.004444444	0.0000000	0.6	May	1	1	1
## 4834	0.040017253	6.6736957	1.0	May	3	2	1
## 4835	0.025810811	6.0943243	0.0	May	3	2	2
## 4836	0.009523810	28.2539551	0.0	May	2	2	3
## 4837	0.024074074	0.0000000	1.0	May	4	1	1
## 4838	0.100000000	0.0000000	0.0	May	2	2	3
## 4839	0.059259259	0.0000000	0.0	May	3	2	4
## 4840	0.028787879	0.0000000	0.0	May	3	2	6
## 4841	0.050000000	0.0000000	0.6	May	2	2	1
## 4842	0.125000000	0.0000000	0.8	May	2	2	2
## 4843	0.055604396	0.0000000	0.0	May	2	2	1
## 4844	0.013333333	0.0000000	0.0	May	1	1	1
## 4845	0.066666667	0.0000000	0.0	May	2	2	1
## 4846	0.007894737	0.0000000	0.0	May	2	2	1
## 4847	0.200000000	0.0000000	0.0	May	2	2	9
## 4848	0.066666667	0.0000000	0.8	May	3	2	8
## 4849	0.032986111	0.0000000	0.4	May	3	2	6
## 4850	0.035238095	16.0906500	0.6	May	2	2	1
## 4851	0.116666667	0.0000000	0.2	May	3	2	6
## 4852	0.030238095	24.8970000	0.0	May	2	2	5
## 4853	0.100000000	0.0000000	0.8	May	3	2	2
## 4854	0.013000000	109.5876000	0.0	May	2	2	7
## 4855	0.006504065	28.9418049	0.2	May	2	2	7
## 4856	0.157142857	0.0000000	0.4	May	1	1	6
## 4857	0.022222222	0.0000000	0.0	May	2	4	9
## 4858	0.200000000	0.0000000	0.0	May	2	2	4
## 4859	0.040147783	0.0000000	0.0	May	3	2	8
## 4860	0.002439024	21.0798049	0.0	May	1	1	6
## 4861	0.166666667	0.0000000	0.0	May	3	2	2

## 4862	0.024285714	0.0000000	0.0	May	2	4	7
## 4863	0.033333333	0.0000000	0.0	May	2	2	1
## 4864	0.017283951	32.9853333	0.0	May	1	1	1
## 4865	0.029541047	0.0000000	0.8	May	3	2	2
## 4866	0.050000000	0.0000000	0.2	May	2	2	1
## 4867	0.050000000	0.0000000	0.6	May	4	1	1
## 4868	0.022481685	12.0819226	0.2	May	1	1	1
## 4869	0.015263169	6.1493439	0.4	May	2	2	3
## 4870	0.096666667	0.0000000	0.4	May	1	1	1
## 4871	0.015384615	0.0000000	0.0	May	2	2	2
## 4872	0.054166667	0.0000000	0.0	May	3	2	1
## 4873	0.018181818	54.5345455	0.0	May	2	4	8
## 4874	0.020148148	0.0000000	0.8	May	2	2	2
## 4875	0.040740741	0.0000000	0.4	May	4	1	2
## 4876	0.052631579	11.3864210	0.0	May	4	1	6
## 4877	0.005882353	30.5764706	0.0	May	2	2	1
## 4878	0.036363636	0.0000000	0.0	May	2	10	2
## 4879	0.005319149	0.0000000	0.0	May	2	5	7
## 4880	0.015789474	11.3346316	0.0	May	2	2	2
## 4881	0.009851670	0.0000000	0.0	May	1	1	1
## 4882	0.013347763	1.0360909	0.0	May	2	2	1
## 4883	0.040000000	0.0000000	0.0	May	2	2	1
## 4884	0.011111111	0.0000000	0.0	May	3	2	1
## 4885	0.010481956	20.6247414	0.0	May	1	1	6
## 4886	0.200000000	0.0000000	0.2	May	3	2	1
## 4887	0.014426543	1.3241354	0.0	May	2	2	8
## 4888	0.100000000	0.0000000	0.6	May	3	2	1
## 4889	0.054666667	0.0000000	0.4	May	2	2	1
## 4890	0.031182796	0.0000000	0.0	May	2	2	2
## 4891	0.059895833	0.0000000	0.8	May	2	2	1
## 4892	0.025088095	5.5400247	0.6	May	2	2	4
## 4893	0.018181818	0.0000000	0.0	May	2	4	1
## 4894	0.041176471	0.0000000	0.0	May	2	5	4
## 4895	0.055504202	3.5548478	0.0	May	3	2	1
## 4896	0.066666667	0.0000000	0.0	May	2	2	3
## 4897	0.000555556	0.0000000	0.0	May	2	2	7
## 4898	0.027027027	67.7368649	0.0	May	2	2	1
## 4899	0.060000000	0.0000000	1.0	May	3	2	3
## 4900	0.007830405	0.0000000	0.0	May	2	4	3
## 4901	0.066666667	0.0000000	1.0	May	2	2	6
## 4902	0.100000000	0.0000000	0.0	May	1	2	1
## 4903	0.015161650	0.0000000	0.0	May	3	2	1
## 4904	0.150000000	0.0000000	0.0	May	2	2	3
## 4905	0.093333333	0.0000000	0.4	May	3	2	1
## 4906	0.024839744	0.0000000	0.0	May	2	2	3
## 4907	0.025000000	30.3236000	0.6	May	1	1	1
## 4908	0.041777778	0.0000000	0.0	May	2	5	1
## 4909	0.015583850	0.0000000	0.0	May	2	2	1
## 4910	0.166666667	0.0000000	0.6	May	1	1	3
## 4911	0.009523810	0.0000000	0.0	May	2	2	6
## 4912	0.088888889	0.0000000	0.8	May	2	2	3
## 4913	0.009761905	0.0000000	0.0	May	2	2	5
## 4914	0.061904762	0.0000000	0.6	May	2	4	9
## 4915	0.038333333	0.0000000	0.0	May	1	1	1

## 4916	0.100000000	0.0000000	0.0	May	3	2	3
## 4917	0.012121212	11.9695455	0.0	May	2	2	1
## 4918	0.040000000	17.2704000	0.0	May	2	4	3
## 4919	0.032000000	21.5952000	0.0	May	2	6	1
## 4920	0.052380952	0.0000000	0.6	May	2	2	9
## 4921	0.133333333	0.0000000	0.0	May	2	2	4
## 4922	0.023982684	7.2597500	0.0	May	2	4	2
## 4923	0.100000000	0.0000000	0.0	May	3	2	6
## 4924	0.048188406	17.7068484	0.0	May	2	2	4
## 4925	0.041356389	0.0000000	0.4	May	3	2	1
## 4926	0.040000000	0.0000000	0.0	May	2	2	1
## 4927	0.025000000	0.0000000	0.0	May	2	2	2
## 4928	0.003448276	30.8772414	0.2	May	2	2	2
## 4929	0.024074074	0.0000000	0.0	May	2	4	3
## 4930	0.003448276	80.1180000	0.0	May	2	4	3
## 4931	0.050000000	0.0000000	0.0	May	1	8	1
## 4932	0.016666667	0.0000000	0.6	May	2	2	2
## 4933	0.033333333	0.0000000	0.6	May	3	2	1
## 4934	0.020772947	0.0000000	0.4	May	2	6	7
## 4935	0.018181818	0.0000000	0.0	May	1	8	3
## 4936	0.028000000	0.0000000	0.0	May	1	8	2
## 4937	0.008333333	28.1627500	0.0	May	2	2	1
## 4938	0.042647059	0.0000000	0.0	May	1	1	8
## 4939	0.200000000	0.0000000	0.0	May	3	2	3
## 4940	0.013131313	0.0000000	0.2	May	1	1	1
## 4941	0.033988025	5.8161680	0.0	May	2	2	6
## 4942	0.033333333	0.0000000	0.0	May	2	5	4
## 4943	0.018055556	0.0000000	0.0	May	2	6	4
## 4944	0.044927536	0.0000000	0.8	May	2	2	2
## 4945	0.033333333	0.0000000	0.0	May	2	2	1
## 4946	0.044444444	0.0000000	0.0	May	2	2	2
## 4947	0.200000000	0.0000000	0.0	May	2	2	2
## 4948	0.012222222	0.0000000	0.0	May	2	2	1
## 4949	0.021000000	0.0000000	0.0	May	2	2	1
## 4950	0.016666667	25.4840000	0.6	May	2	2	1
## 4951	0.011111111	0.0000000	0.0	May	3	2	1
## 4952	0.005000000	0.0000000	0.0	May	4	2	1
## 4953	0.033333333	0.0000000	0.0	May	1	1	1
## 4954	0.017647059	8.9268235	0.0	May	2	2	9
## 4955	0.028571429	44.5611429	0.6	May	2	4	9
## 4956	0.013333333	0.0000000	0.0	May	6	2	4
## 4957	0.008333333	0.0000000	0.0	May	2	2	4
## 4958	0.133333333	0.0000000	0.0	May	2	4	3
## 4959	0.031679160	3.4853525	0.0	May	1	1	8
## 4960	0.014267214	3.8903502	0.0	May	2	5	6
## 4961	0.020000000	22.7380000	0.0	May	1	1	6
## 4962	0.011431235	54.6571487	0.0	May	1	5	1
## 4963	0.055127258	1.4569515	1.0	May	1	1	1
## 4964	0.019047619	13.9900000	0.0	May	2	2	7
## 4965	0.030769231	0.0000000	0.2	May	2	2	2
## 4966	0.002352941	51.6070588	0.0	May	2	2	4
## 4967	0.023529412	0.0000000	0.0	May	2	2	1
## 4968	0.038888889	0.0000000	0.6	May	2	2	8
## 4969	0.005252101	0.0000000	0.0	May	2	2	7

## 4970	0.019057903	12.4509902	0.0	May	1	1	3
## 4971	0.000292398	0.0000000	0.0	May	1	1	3
## 4972	0.071018519	0.0000000	0.8	May	2	2	4
## 4973	0.028571429	0.0000000	0.0	May	3	2	4
## 4974	0.014285714	0.0000000	0.0	May	2	2	4
## 4975	0.013793271	6.7383952	0.0	May	2	2	9
## 4976	0.040000000	0.0000000	0.0	May	1	1	1
## 4977	0.028571429	0.0000000	0.0	May	2	2	4
## 4978	0.076470588	0.0000000	0.0	May	4	2	4
## 4979	0.100000000	0.0000000	0.0	May	3	2	1
## 4980	0.009743590	0.0000000	0.4	May	2	2	2
## 4981	0.032461962	0.0000000	0.0	May	3	2	1
## 4982	0.007668232	0.0000000	0.0	May	2	4	3
## 4983	0.035087719	0.0000000	1.0	May	1	1	1
## 4984	0.034615385	0.0000000	0.0	May	2	2	1
## 4985	0.021052632	0.0000000	0.0	May	3	2	6
## 4986	0.005555556	16.3224444	0.0	May	3	2	6
## 4987	0.042941176	33.1128000	0.8	May	2	2	1
## 4988	0.039475088	3.3239713	0.4	May	3	2	8
## 4989	0.012500000	0.0000000	0.0	May	2	2	3
## 4990	0.064285714	0.0000000	0.2	May	2	4	1
## 4991	0.016666667	0.0000000	0.4	May	4	2	2
## 4992	0.040000000	0.0000000	0.6	May	2	10	1
## 4993	0.021138211	0.0000000	0.6	May	2	5	1
## 4994	0.100000000	0.0000000	0.0	May	1	1	1
## 4995	0.007407407	0.0000000	0.8	May	2	4	1
## 4996	0.024863655	0.0000000	0.4	May	3	2	3
## 4997	0.003636364	11.9880000	1.0	May	1	8	1
## 4998	0.060000000	0.0000000	0.6	May	2	2	3
## 4999	0.066666667	0.0000000	0.4	May	2	2	3
## 5000	0.020000000	0.0000000	0.8	May	2	2	1
## 5001	0.019379845	24.9014419	0.2	May	1	2	1
## 5002	0.046428571	0.0000000	0.0	May	2	2	6
## 5003	0.055555556	0.0000000	0.4	May	2	2	1
## 5004	0.023361582	26.9379237	0.0	May	2	2	7
## 5005	0.018777882	0.0000000	0.0	May	3	2	4
## 5006	0.066666667	0.0000000	0.4	May	2	2	6
## 5007	0.033333333	0.0000000	0.0	May	2	2	7
## 5008	0.003571429	0.0000000	0.0	May	2	2	3
## 5009	0.054460641	13.1840816	0.8	May	2	10	3
## 5010	0.016287879	0.0000000	0.2	May	2	2	3
## 5011	0.023076923	72.5207692	0.0	May	2	4	1
## 5012	0.016190476	0.0000000	0.6	May	2	5	1
## 5013	0.060000000	0.0000000	0.0	May	2	2	7
## 5014	0.014102564	0.0000000	0.0	May	1	1	1
## 5015	0.011111111	0.0000000	0.0	May	2	2	1
## 5016	0.030000000	0.0000000	0.0	May	3	2	5
## 5017	0.021052632	0.0000000	0.0	May	2	10	2
## 5018	0.016231884	17.9479710	0.0	May	1	2	5
## 5019	0.036149660	0.0000000	0.0	May	3	2	2
## 5020	0.020512821	0.0000000	0.0	May	3	2	3
## 5021	0.092083333	0.0000000	0.2	May	3	2	1
## 5022	0.035714286	0.0000000	0.4	May	2	2	1
## 5023	0.025876068	11.8769143	1.0	May	2	2	1

##	5024	0.200000000	0.0000000	0.0	May	1	1	1
##	5025	0.200000000	0.0000000	0.0	May	2	4	4
##	5026	0.050000000	0.0000000	0.0	May	3	2	3
##	5027	0.090666667	0.0000000	0.8	May	3	2	3
##	5028	0.023550725	0.0000000	0.0	May	2	2	1
##	5029	0.014814815	20.1355556	0.0	May	2	5	3
##	5030	0.066666667	0.0000000	0.8	May	2	2	4
##	5031	0.015762787	0.0000000	0.0	May	2	4	1
##	5032	0.041201814	0.0000000	0.8	May	3	2	1
##	5033	0.046428571	0.0000000	0.0	May	2	5	1
##	5034	0.019166667	0.0000000	0.0	May	1	1	1
##	5035	0.033333333	0.0000000	0.0	May	1	1	1
##	5036	0.200000000	0.0000000	0.0	May	2	10	5
##	5037	0.020833333	0.0000000	0.0	May	3	2	2
##	5038	0.200000000	0.0000000	0.8	May	3	2	1
##	5039	0.042323232	5.6941212	0.0	May	2	2	1
##	5040	0.008735669	0.0000000	0.0	May	1	1	6
##	5041	0.036678391	0.0000000	0.2	May	4	5	3
##	5042	0.028272059	0.0000000	1.0	May	3	2	6
##	5043	0.048194444	0.0000000	0.2	May	3	2	1
##	5044	0.036472303	0.0000000	0.8	May	2	2	3
##	5045	0.009937888	0.0000000	0.0	May	2	4	1
##	5046	0.075000000	0.0000000	0.0	May	2	2	3
##	5047	0.050000000	0.0000000	0.4	May	1	1	7
##	5048	0.057142857	0.0000000	0.4	May	1	1	1
##	5049	0.066666667	0.0000000	0.0	May	1	8	6
##	5050	0.047183099	0.0000000	0.6	May	2	4	8
##	5051	0.006150794	36.8992143	0.6	May	2	10	1
##	5052	0.066666667	0.0000000	0.0	May	3	2	1
##	5053	0.010000000	0.0000000	0.0	May	2	4	1
##	5054	0.006976744	0.0000000	0.0	May	2	4	1
##	5055	0.014285714	0.0000000	0.0	May	2	2	1
##	5056	0.026000000	0.0000000	1.0	May	6	5	3
##	5057	0.087179487	0.0000000	0.8	May	3	2	6
##	5058	0.003954802	59.1244678	0.0	May	1	1	6
##	5059	0.028571429	0.0000000	0.0	May	1	1	3
##	5060	0.008333333	0.0000000	0.8	May	2	2	3
##	5061	0.175000000	0.0000000	0.6	May	3	2	3
##	5062	0.200000000	0.0000000	0.0	May	2	4	3
##	5063	0.025517241	0.0000000	0.2	May	3	2	1
##	5064	0.012500000	0.0000000	0.0	May	1	1	4
##	5065	0.200000000	0.0000000	0.0	May	2	2	5
##	5066	0.200000000	0.0000000	0.0	May	3	2	3
##	5067	0.000263158	0.0000000	0.4	May	2	2	3
##	5068	0.013478622	2.6907926	0.0	May	2	2	6
##	5069	0.024019608	3.1110471	0.6	May	2	2	1
##	5070	0.013333333	22.7380000	0.0	May	3	2	4
##	5071	0.005263158	0.0000000	0.0	May	1	2	1
##	5072	0.005813953	0.0000000	0.0	May	2	5	4
##	5073	0.041369048	13.9970833	0.0	May	2	2	6
##	5074	0.006349206	0.0000000	0.0	May	2	2	1
##	5075	0.200000000	0.0000000	1.0	May	3	2	7
##	5076	0.036190476	0.0000000	1.0	May	3	3	3
##	5077	0.021727273	0.0000000	0.0	May	3	2	4

## 5078	0.014344857	8.3535080	0.2	May	2	2	1
## 5079	0.044444444	0.0000000	0.0	May	3	2	1
## 5080	0.015431438	0.7638290	0.0	May	2	2	1
## 5081	0.008824665	0.0000000	0.0	May	2	2	2
## 5082	0.054736842	0.0000000	0.8	May	1	1	2
## 5083	0.200000000	0.0000000	0.0	May	3	2	3
## 5084	0.150000000	0.0000000	0.8	May	2	2	1
## 5085	0.100000000	0.0000000	0.0	May	2	2	6
## 5086	0.062500000	0.0000000	0.6	May	1	1	8
## 5087	0.022368421	14.8405380	0.0	May	2	2	3
## 5088	0.037500000	0.0000000	0.4	May	2	2	4
## 5089	0.020182874	0.0000000	0.8	May	3	2	3
## 5090	0.060606061	0.0000000	0.4	May	1	1	3
## 5091	0.200000000	0.0000000	0.2	May	1	1	1
## 5092	0.100000000	0.0000000	0.4	May	2	2	1
## 5093	0.050000000	0.0000000	0.4	May	2	2	8
## 5094	0.014545455	13.8185273	0.0	May	2	5	2
## 5095	0.057142857	0.0000000	0.0	May	2	2	1
## 5096	0.022222222	0.0000000	0.0	May	4	2	7
## 5097	0.088333333	0.0000000	0.6	May	3	2	6
## 5098	0.150000000	0.0000000	0.6	May	2	2	1
## 5099	0.006666667	0.0000000	0.0	May	2	4	4
## 5100	0.007317073	0.0000000	0.0	May	2	5	1
## 5101	0.012500000	0.0000000	0.0	May	2	2	2
## 5102	0.021992481	26.4508224	0.0	May	1	1	2
## 5103	0.200000000	0.0000000	0.4	May	2	2	1
## 5104	0.051578947	0.0000000	0.6	May	2	2	4
## 5105	0.122222222	0.0000000	0.8	May	3	2	1
## 5106	0.052000000	0.0000000	0.0	May	3	2	3
## 5107	0.038095238	0.0000000	1.0	May	1	1	2
## 5108	0.033333333	0.0000000	1.0	May	2	6	1
## 5109	0.005555556	0.0000000	0.0	May	3	2	3
## 5110	0.007297297	0.0000000	0.0	May	2	2	4
## 5111	0.007692308	0.0000000	0.0	May	2	4	3
## 5112	0.036956522	0.0000000	0.0	May	2	2	7
## 5113	0.042121212	0.0000000	0.0	May	3	2	4
## 5114	0.011111111	0.0000000	0.4	May	3	2	4
## 5115	0.004545455	0.0000000	0.0	May	3	2	3
## 5116	0.006190476	22.4582143	0.0	May	3	2	3
## 5117	0.040740741	0.0000000	0.0	May	4	1	1
## 5118	0.011111111	39.1500000	0.0	May	2	2	3
## 5119	0.015384615	23.3880000	0.0	May	2	2	3
## 5120	0.048014184	0.0000000	0.2	May	2	4	1
## 5121	0.015691057	0.0000000	0.0	May	2	2	3
## 5122	0.017391304	0.0000000	0.0	May	3	2	1
## 5123	0.012783365	0.0000000	0.0	May	2	2	4
## 5124	0.051268674	0.0000000	0.6	May	3	3	5
## 5125	0.040000000	0.0000000	0.0	May	1	1	3
## 5126	0.020000000	0.0000000	0.0	May	2	2	3
## 5127	0.050000000	0.0000000	0.0	May	2	2	1
## 5128	0.029500000	0.0000000	1.0	May	3	2	1
## 5129	0.015686275	14.3880000	0.0	May	1	1	1
## 5130	0.047619048	0.0000000	1.0	May	1	8	7
## 5131	0.012698413	10.8721286	0.0	May	2	4	6

## 5132	0.004255319	3.6636170	0.8	May	2	5	3
## 5133	0.011562500	0.0000000	0.0	May	1	1	1
## 5134	0.021816239	21.3180000	0.0	May	6	2	4
## 5135	0.200000000	0.0000000	0.0	May	3	2	9
## 5136	0.050000000	0.0000000	0.0	May	1	1	7
## 5137	0.046666667	11.1930000	0.0	May	1	1	1
## 5138	0.066666667	0.0000000	0.8	May	1	1	9
## 5139	0.015787285	6.3808627	0.0	May	2	2	1
## 5140	0.012903226	0.0000000	0.0	May	3	2	3
## 5141	0.028571429	29.9028214	0.2	May	2	2	9
## 5142	0.012500000	0.0000000	0.0	May	1	8	1
## 5143	0.010302067	2.9041772	0.0	May	2	2	4
## 5144	0.016666667	0.0000000	0.0	May	1	2	3
## 5145	0.005555556	0.0000000	0.0	May	1	1	3
## 5146	0.014534161	7.8804783	0.0	May	3	2	3
## 5147	0.008333333	0.0000000	0.0	May	4	5	9
## 5148	0.021621622	0.0000000	0.0	May	2	2	1
## 5149	0.041142857	0.0000000	0.0	May	2	2	1
## 5150	0.036363636	0.0000000	0.0	May	2	5	1
## 5151	0.007407407	0.0000000	0.0	May	3	2	1
## 5152	0.042857143	39.4200000	0.0	May	2	2	1
## 5153	0.042857143	0.0000000	0.2	May	2	2	3
## 5154	0.100000000	0.0000000	0.0	May	2	2	1
## 5155	0.158333333	0.0000000	0.8	May	3	2	1
## 5156	0.075000000	0.0000000	0.4	May	1	1	3
## 5157	0.025000000	0.0000000	0.6	May	2	4	1
## 5158	0.080000000	0.0000000	0.0	May	3	3	1
## 5159	0.011111111	40.8711111	0.0	May	2	10	3
## 5160	0.200000000	0.0000000	0.0	May	1	1	1
## 5161	0.016666667	0.0000000	0.0	May	2	2	1
## 5162	0.045454545	0.0000000	0.0	May	1	1	4
## 5163	0.059661836	1.6803188	0.8	May	2	6	5
## 5164	0.005882353	0.0000000	0.0	May	2	2	7
## 5165	0.026417863	0.0000000	0.6	May	2	2	4
## 5166	0.006666667	0.0000000	0.8	May	2	2	1
## 5167	0.028571429	0.0000000	0.6	May	1	2	3
## 5168	0.031764706	31.7576471	0.0	May	2	2	8
## 5169	0.011038961	0.0000000	0.0	May	1	1	4
## 5170	0.010000000	62.8660000	0.0	May	2	2	4
## 5171	0.004065041	0.0000000	0.0	May	1	1	6
## 5172	0.022463768	0.0000000	0.0	May	4	1	1
## 5173	0.004000000	0.0000000	0.4	May	2	2	1
## 5174	0.011363636	19.2121894	0.0	May	2	2	3
## 5175	0.001785714	0.0000000	0.0	May	2	4	1
## 5176	0.028571429	0.0000000	0.0	May	2	2	6
## 5177	0.016153274	0.0000000	0.0	May	3	2	6
## 5178	0.025517241	0.0000000	0.8	May	3	2	3
## 5179	0.014772727	0.0000000	0.2	May	2	4	3
## 5180	0.034666667	0.0000000	0.0	May	2	6	8
## 5181	0.133333333	0.0000000	0.0	May	2	2	1
## 5182	0.057142857	0.0000000	0.0	May	1	1	3
## 5183	0.100000000	0.0000000	0.2	May	2	2	3
## 5184	0.028205128	0.0000000	0.4	May	4	1	9
## 5185	0.018181818	37.5185454	0.0	May	2	2	3

##	5186	0.020506536	7.3006569	0.0	May	2	2	1
##	5187	0.002105263	0.0000000	0.0	May	2	2	1
##	5188	0.009591837	0.0000000	0.0	May	2	2	5
##	5189	0.200000000	0.0000000	0.8	May	3	2	1
##	5190	0.020000000	0.0000000	0.0	May	2	2	4
##	5191	0.024884615	19.3154000	0.0	May	3	2	1
##	5192	0.003508772	0.0000000	0.0	May	2	2	1
##	5193	0.058333333	0.0000000	0.6	May	2	6	2
##	5194	0.028461538	0.0000000	0.0	May	3	3	1
##	5195	0.200000000	0.0000000	0.2	May	2	5	1
##	5196	0.200000000	0.0000000	0.0	May	1	1	1
##	5197	0.003333333	0.0000000	0.0	May	2	2	1
##	5198	0.100000000	0.0000000	0.2	May	1	1	1
##	5199	0.042023810	0.0000000	0.0	May	3	2	8
##	5200	0.031811847	1.1640754	0.8	May	3	2	6
##	5201	0.004347826	17.3739130	0.0	May	2	2	7
##	5202	0.064705882	0.0000000	0.0	May	1	1	1
##	5203	0.200000000	0.0000000	0.2	May	2	2	3
##	5204	0.022222222	49.3880000	0.0	May	2	2	1
##	5205	0.032758621	0.0000000	0.0	May	3	2	1
##	5206	0.150000000	0.0000000	0.2	May	2	2	7
##	5207	0.037500000	0.0000000	0.0	May	1	1	1
##	5208	0.042651515	0.0000000	0.4	May	2	2	4
##	5209	0.047575758	0.0000000	0.0	May	1	1	1
##	5210	0.028260870	68.8570435	0.0	May	2	2	1
##	5211	0.042666667	0.0000000	0.4	May	1	8	8
##	5212	0.001626016	113.1512195	0.0	May	2	2	1
##	5213	0.150000000	0.0000000	0.0	May	2	5	8
##	5214	0.200000000	0.0000000	0.4	May	1	1	3
##	5215	0.125000000	0.0000000	0.8	May	2	2	4
##	5216	0.014035088	0.0000000	0.0	May	3	3	6
##	5217	0.005098039	0.0000000	0.0	May	3	2	1
##	5218	0.022727273	53.6629091	0.0	May	1	1	6
##	5219	0.053846154	0.0000000	0.0	May	2	2	4
##	5220	0.040350877	0.0000000	0.4	May	4	2	3
##	5221	0.050000000	0.0000000	0.0	May	3	2	1
##	5222	0.025308642	8.4885185	0.0	May	4	1	4
##	5223	0.019047619	0.0000000	0.0	May	2	4	7
##	5224	0.040000000	0.0000000	0.0	May	2	2	1
##	5225	0.050000000	0.0000000	0.8	May	2	5	3
##	5226	0.087500000	0.0000000	0.0	May	1	1	3
##	5227	0.033333333	0.0000000	0.0	May	4	1	3
##	5228	0.051929825	0.0000000	1.0	May	3	2	1
##	5229	0.086363636	0.0000000	0.4	May	4	1	1
##	5230	0.050000000	0.0000000	0.2	May	2	2	4
##	5231	0.057142857	0.0000000	0.6	May	2	2	4
##	5232	0.055882353	0.0000000	0.0	May	2	2	2
##	5233	0.050000000	0.0000000	0.0	May	1	1	1
##	5234	0.125000000	0.0000000	0.6	May	2	5	1
##	5235	0.010945092	0.0000000	0.0	May	1	1	2
##	5236	0.016666667	0.0000000	0.8	May	2	2	4
##	5237	0.045562130	0.0000000	0.6	May	2	6	2
##	5238	0.100000000	0.0000000	0.0	May	2	2	3
##	5239	0.057518519	0.0000000	0.6	May	2	2	4

##	5240	0.020625000	0.0000000	0.2	May	2	2	3
##	5241	0.009867424	6.5606250	0.0	May	2	2	6
##	5242	0.016721311	0.0000000	0.0	May	2	2	1
##	5243	0.033333333	0.0000000	0.0	May	2	2	1
##	5244	0.033950617	0.0000000	0.0	May	1	1	1
##	5245	0.002173913	0.0000000	0.0	May	2	4	3
##	5246	0.200000000	0.0000000	0.0	May	2	2	9
##	5247	0.049475963	0.0000000	0.8	May	3	2	3
##	5248	0.066666667	0.0000000	0.0	May	2	2	3
##	5249	0.100000000	0.0000000	0.0	May	2	7	4
##	5250	0.007142857	0.0000000	0.4	May	2	2	3
##	5251	0.066666667	0.0000000	1.0	May	3	2	1
##	5252	0.020833333	0.0000000	0.0	May	2	2	4
##	5253	0.114285714	0.0000000	1.0	May	3	2	1
##	5254	0.066666667	0.0000000	0.0	May	2	5	1
##	5255	0.050000000	0.0000000	0.6	May	2	4	6
##	5256	0.016930138	1.1197590	0.8	May	2	2	3
##	5257	0.027164502	0.0000000	0.8	May	3	2	1
##	5258	0.036666667	0.0000000	0.4	May	3	2	3
##	5259	0.120000000	0.0000000	0.0	May	1	1	1
##	5260	0.031250000	22.3191250	0.0	May	1	1	4
##	5261	0.024867725	27.4449167	0.0	May	2	4	2
##	5262	0.009827586	0.0000000	0.0	May	3	2	4
##	5263	0.034482759	0.0000000	0.0	May	2	2	3
##	5264	0.028070175	0.0000000	0.8	May	2	2	3
##	5265	0.100000000	0.0000000	0.0	May	1	1	1
##	5266	0.031513142	4.8588429	0.0	May	3	2	1
##	5267	0.006666667	0.0000000	0.4	May	2	2	1
##	5268	0.031399948	0.0000000	0.4	May	2	2	1
##	5269	0.016666667	0.0000000	0.0	May	2	2	1
##	5270	0.048529412	0.0000000	0.4	May	2	2	2
##	5271	0.037500000	0.0000000	0.0	May	2	2	9
##	5272	0.077777778	0.0000000	0.2	May	2	6	6
##	5273	0.066666667	0.0000000	0.0	May	1	1	1
##	5274	0.060000000	0.0000000	0.0	May	2	2	7
##	5275	0.024931582	0.0000000	0.0	May	2	4	3
##	5276	0.043864469	0.0000000	0.0	May	2	2	1
##	5277	0.004419192	0.0000000	0.2	May	3	2	3
##	5278	0.050000000	0.0000000	0.6	May	2	2	2
##	5279	0.166666667	0.0000000	0.4	May	1	1	3
##	5280	0.028338002	0.0000000	0.4	May	2	2	4
##	5281	0.052154195	0.0000000	0.6	May	2	2	3
##	5282	0.043815476	0.0000000	1.0	May	3	2	7
##	5283	0.019444444	0.0000000	0.0	May	4	1	1
##	5284	0.000833333	0.0000000	0.6	May	2	4	3
##	5285	0.054000000	0.0000000	0.6	May	2	2	6
##	5286	0.011111111	0.0000000	0.0	May	3	3	3
##	5287	0.014285714	32.0271429	0.0	May	2	2	1
##	5288	0.068750000	0.0000000	0.0	May	2	4	3
##	5289	0.010666667	0.0000000	0.0	May	1	1	2
##	5290	0.013726336	8.0724262	0.0	May	2	2	3
##	5291	0.026274510	7.8026111	0.0	May	2	2	1
##	5292	0.001428571	0.0000000	0.0	May	1	1	6
##	5293	0.048227559	5.5133459	0.0	May	4	2	1

##	5294	0.200000000	0.0000000	0.2	May	3	2	6
##	5295	0.048717949	0.0000000	1.0	May	2	6	3
##	5296	0.021055381	14.6929310	0.0	May	1	2	3
##	5297	0.014782609	0.0000000	0.0	May	3	2	4
##	5298	0.012162162	0.0000000	0.4	May	2	2	1
##	5299	0.200000000	0.0000000	0.0	May	6	7	3
##	5300	0.200000000	0.0000000	0.0	May	3	2	6
##	5301	0.133333333	0.0000000	0.0	May	3	2	3
##	5302	0.035500000	0.0000000	0.6	May	2	2	4
##	5303	0.025396825	1.8315000	0.0	May	2	2	6
##	5304	0.050000000	0.0000000	0.0	May	2	2	1
##	5305	0.020779221	0.0000000	0.6	May	2	2	4
##	5306	0.016000000	0.0000000	0.6	May	2	2	4
##	5307	0.007142857	24.5048571	0.0	May	3	2	2
##	5308	0.120000000	0.0000000	0.0	May	3	2	3
##	5309	0.026666667	0.0000000	0.8	May	2	2	8
##	5310	0.028571429	0.0000000	0.0	May	2	5	2
##	5311	0.011764706	33.7880000	0.0	May	1	2	1
##	5312	0.066666667	0.0000000	0.0	May	2	2	3
##	5313	0.048000000	15.3956000	0.0	May	2	4	3
##	5314	0.020000000	0.0000000	0.0	May	2	2	3
##	5315	0.027572016	5.1671333	0.0	May	3	2	2
##	5316	0.014285714	49.0191429	0.0	May	2	2	4
##	5317	0.100000000	0.0000000	0.0	May	2	2	1
##	5318	0.014285714	0.0000000	0.0	May	2	2	1
##	5319	0.006321839	19.1150690	0.6	May	2	2	7
##	5320	0.011764706	0.0000000	0.0	May	2	2	1
##	5321	0.039583333	8.0785312	0.0	May	2	2	4
##	5322	0.028571429	0.0000000	0.8	May	2	2	1
##	5323	0.012361111	52.0516500	0.0	May	3	2	1
##	5324	0.006666667	0.0000000	0.0	May	4	1	4
##	5325	0.025362319	9.1273913	0.0	May	2	2	7
##	5326	0.015384615	0.0000000	0.0	May	1	1	1
##	5327	0.131944444	0.0000000	0.6	May	3	2	6
##	5328	0.075000000	0.0000000	0.0	May	2	4	1
##	5329	0.016921296	0.0000000	0.0	May	1	8	3
##	5330	0.046491228	4.3083158	0.0	May	1	1	3
##	5331	0.011363949	22.0219716	0.6	May	2	2	7
##	5332	0.054586466	0.0000000	1.0	May	1	1	3
##	5333	0.050000000	0.0000000	0.4	May	2	2	1
##	5334	0.009553204	17.1961152	0.0	May	2	6	2
##	5335	0.037793427	0.0000000	0.8	May	3	2	1
##	5336	0.133333333	0.0000000	0.4	May	2	5	1
##	5337	0.087037037	0.0000000	0.8	May	3	2	4
##	5338	0.009848485	0.0000000	0.0	May	1	1	8
##	5339	0.100000000	0.0000000	0.0	May	2	2	3
##	5340	0.010909616	0.0000000	0.0	May	3	2	5
##	5341	0.023288614	0.0000000	0.8	May	3	3	8
##	5342	0.075000000	0.0000000	0.8	May	2	2	1
##	5343	0.031725417	0.0000000	0.6	May	2	2	3
##	5344	0.036111111	17.5455000	0.0	May	2	2	1
##	5345	0.005882353	0.0000000	0.0	May	2	4	6
##	5346	0.020305773	5.9420256	0.4	May	2	2	3
##	5347	0.033333333	0.0000000	0.2	May	4	2	1

##	5348	0.033333333	0.0000000	0.4	May	2	2	1
##	5349	0.020000000	0.0000000	0.0	May	2	2	1
##	5350	0.116000000	0.0000000	0.0	May	1	1	3
##	5351	0.200000000	0.0000000	0.0	May	3	3	1
##	5352	0.021952663	0.0000000	0.0	May	2	2	1
##	5353	0.175000000	0.0000000	0.8	May	3	2	4
##	5354	0.007471264	0.0000000	0.4	May	2	2	1
##	5355	0.028666667	18.8050500	0.0	May	3	2	7
##	5356	0.009375000	9.7455000	0.0	May	2	4	1
##	5357	0.047901224	0.0000000	0.8	May	2	2	3
##	5358	0.005882353	23.0332941	0.0	May	2	4	9
##	5359	0.023076923	9.9609231	0.0	May	1	1	3
##	5360	0.062580645	7.6366452	0.2	May	2	2	3
##	5361	0.011534392	9.3235317	0.0	May	6	2	2
##	5362	0.022807018	19.4480000	0.0	May	2	2	5
##	5363	0.055555556	0.0000000	0.0	May	2	2	3
##	5364	0.019565217	32.7073044	0.0	May	2	4	4
##	5365	0.060000000	0.0000000	0.0	May	1	1	6
##	5366	0.066666667	0.0000000	0.0	May	2	2	3
##	5367	0.002083333	0.0000000	0.0	May	3	2	2
##	5368	0.017803379	0.0000000	0.0	May	2	2	6
##	5369	0.020416667	0.0000000	0.6	May	3	2	3
##	5370	0.006593407	6.2814945	0.0	May	2	4	9
##	5371	0.060000000	0.0000000	0.6	May	3	2	8
##	5372	0.032988166	0.0000000	0.0	May	1	1	7
##	5373	0.013333333	0.0000000	0.0	May	2	4	1
##	5374	0.031081081	8.1000000	0.8	May	2	4	7
##	5375	0.097777778	0.0000000	0.8	May	3	2	3
##	5376	0.007936508	0.0000000	0.0	Oct	2	2	1
##	5377	0.020000000	0.0000000	0.0	June	2	2	2
##	5378	0.000000000	42.2930675	0.0	Oct	1	1	3
##	5379	0.004385965	28.0680499	0.0	June	2	2	6
##	5380	0.100000000	0.0000000	0.0	June	2	2	7
##	5381	0.031250000	19.8277089	0.0	Jul	2	2	7
##	5382	0.011111111	0.0000000	0.0	Oct	2	2	1
##	5383	0.068253968	0.0000000	0.0	Aug	3	2	3
##	5384	0.010000000	0.0000000	0.0	Nov	3	2	4
##	5385	0.005932203	204.0079491	0.0	Nov	2	2	1
##	5386	0.035488428	4.3481456	0.0	Oct	1	1	4
##	5387	0.125000000	0.0000000	0.0	Jul	3	2	6
##	5388	0.016161616	0.0000000	0.0	Nov	1	1	6
##	5389	0.012248677	0.0000000	0.0	Sep	2	2	1
##	5390	0.016605750	0.0000000	0.0	Oct	2	2	5
##	5391	0.038235294	0.0000000	0.0	June	1	1	3
##	5392	0.080000000	0.0000000	0.0	June	2	4	2
##	5393	0.030000000	0.0000000	0.0	Aug	1	1	4
##	5394	0.033623455	0.0000000	0.0	Sep	4	1	9
##	5395	0.040000000	36.6617829	0.0	Oct	2	2	2
##	5396	0.043243243	5.1283582	0.0	Oct	2	2	7
##	5397	0.010526316	0.0000000	0.0	Oct	1	1	3
##	5398	0.001666667	0.0000000	0.0	Oct	2	4	4
##	5399	0.079166667	0.0000000	0.0	Jul	4	1	1
##	5400	0.007692308	72.5228385	0.0	Nov	1	1	2
##	5401	0.040000000	48.0472620	0.0	Oct	2	2	1

## 5402	0.059313725	0.0000000	0.0	Aug	3	2	1
## 5403	0.066666667	0.0000000	0.0	Aug	1	8	7
## 5404	0.026190476	32.7003447	0.0	Jul	2	2	6
## 5405	0.066666667	0.0000000	0.0	Oct	1	1	7
## 5406	0.037179487	3.2968273	0.0	June	2	2	2
## 5407	0.034065934	0.0000000	0.0	Jul	3	2	5
## 5408	0.200000000	0.0000000	0.0	Jul	2	2	2
## 5409	0.002903226	0.0000000	0.0	Sep	2	2	1
## 5410	0.085396825	0.0000000	0.0	Oct	3	2	1
## 5411	0.011555556	0.0000000	0.0	Jul	2	2	1
## 5412	0.003571429	51.0336252	0.0	Oct	2	2	5
## 5413	0.040000000	0.0000000	0.0	Oct	1	1	4
## 5414	0.013333333	0.0000000	0.0	Oct	2	2	6
## 5415	0.000000000	106.2525169	0.0	Nov	1	1	9
## 5416	0.040000000	0.0000000	0.0	Jul	1	1	9
## 5417	0.012500000	54.5670487	0.0	Sep	4	1	1
## 5418	0.009471471	1.7986699	0.0	Nov	1	1	9
## 5419	0.009722222	0.0000000	0.0	Sep	3	2	1
## 5420	0.014285714	0.0000000	0.0	June	1	2	3
## 5421	0.012314449	7.7662809	0.0	Oct	2	2	8
## 5422	0.100000000	0.0000000	0.0	Sep	4	1	1
## 5423	0.075814536	0.0000000	0.0	June	2	5	1
## 5424	0.040370370	0.0000000	0.0	Jul	3	2	8
## 5425	0.200000000	0.0000000	0.0	Oct	1	1	8
## 5426	0.000000000	0.0000000	0.0	Jul	1	1	1
## 5427	0.003594771	0.0000000	0.0	Oct	4	2	3
## 5428	0.004761905	60.4373778	0.0	Nov	1	1	1
## 5429	0.004861111	0.0000000	0.0	Oct	2	2	4
## 5430	0.002998087	19.7152954	0.0	Nov	2	2	1
## 5431	0.019327731	0.0000000	0.0	Nov	3	2	7
## 5432	0.009469697	8.4808463	0.0	Aug	1	1	1
## 5433	0.030864198	0.0000000	0.0	Jul	1	1	3
## 5434	0.029349567	6.3737706	0.0	Jul	1	1	1
## 5435	0.046464646	0.0000000	0.0	Sep	2	10	2
## 5436	0.012500000	0.0000000	0.0	Nov	2	4	9
## 5437	0.009090909	7.6874506	0.0	Oct	2	2	1
## 5438	0.017561939	6.2829046	0.0	Sep	3	2	8
## 5439	0.050000000	0.0000000	0.0	Jul	4	1	3
## 5440	0.011659808	0.0000000	0.0	Sep	1	2	1
## 5441	0.040444444	0.0000000	0.0	June	2	2	7
## 5442	0.060000000	0.0000000	0.0	Sep	2	2	5
## 5443	0.066666667	0.0000000	0.0	Jul	3	2	3
## 5444	0.008309991	6.1759320	0.0	Oct	2	2	1
## 5445	0.028571429	86.3362327	0.0	Oct	1	1	4
## 5446	0.006785714	0.0000000	0.0	Sep	3	2	1
## 5447	0.034865900	4.1929804	0.0	Jul	4	2	3
## 5448	0.002547045	0.0000000	0.0	Jul	2	4	2
## 5449	0.066666667	0.0000000	0.0	Aug	2	2	3
## 5450	0.015384615	0.0000000	0.0	Jul	1	8	1
## 5451	0.014731380	16.5647848	0.0	Oct	3	2	7
## 5452	0.041666667	0.0000000	0.0	Aug	2	5	3
## 5453	0.036363636	0.0000000	0.0	Aug	3	2	7
## 5454	0.000000000	0.0000000	0.0	Nov	2	2	5
## 5455	0.016666667	0.0000000	0.0	Sep	3	2	3

## 5456	0.010256410	0.0000000	0.0	Sep	2	2	1
## 5457	0.016960486	0.0000000	0.0	Sep	2	2	1
## 5458	0.033333333	0.0000000	0.0	Nov	3	2	9
## 5459	0.006250000	0.0000000	0.0	Sep	2	2	6
## 5460	0.002898551	0.0000000	0.0	Aug	3	2	3
## 5461	0.014285714	0.0000000	0.0	Oct	1	1	3
## 5462	0.030158730	0.0000000	0.0	Oct	3	2	1
## 5463	0.007692308	77.4579855	0.0	Nov	2	2	7
## 5464	0.020000000	0.0000000	0.0	Aug	4	1	3
## 5465	0.010833333	0.0000000	0.0	June	2	2	2
## 5466	0.005357143	0.0000000	0.0	June	2	2	8
## 5467	0.020000000	0.0000000	0.0	Oct	2	4	9
## 5468	0.027103099	0.0000000	0.0	Jul	3	2	7
## 5469	0.026098901	26.1303487	0.0	Nov	3	2	9
## 5470	0.008695652	14.0097922	0.0	Oct	2	2	9
## 5471	0.022222222	0.0000000	0.0	Oct	2	2	4
## 5472	0.066666667	0.0000000	0.0	June	1	1	3
## 5473	0.001388889	0.0000000	0.0	Jul	1	1	3
## 5474	0.027272727	0.0000000	0.0	Oct	2	4	2
## 5475	0.010539084	0.0000000	0.0	Nov	2	2	7
## 5476	0.002106490	0.8473380	0.0	June	2	2	1
## 5477	0.001724138	44.8563869	0.0	Nov	1	1	4
## 5478	0.200000000	0.0000000	0.0	Nov	1	1	9
## 5479	0.012500000	0.0000000	0.0	Sep	1	1	4
## 5480	0.066666667	0.0000000	0.0	June	2	2	3
## 5481	0.003030303	8.4247874	0.0	Oct	2	2	3
## 5482	0.019375648	0.0000000	0.0	Oct	7	1	2
## 5483	0.046666667	0.0000000	0.0	Jul	3	2	6
## 5484	0.006172840	0.0000000	0.0	Sep	2	2	2
## 5485	0.030138889	0.0000000	0.0	Oct	1	1	6
## 5486	0.003864734	0.0000000	0.0	June	2	2	1
## 5487	0.023958333	0.0000000	0.0	Aug	2	2	3
## 5488	0.101666667	0.0000000	0.0	Sep	1	8	3
## 5489	0.166666667	0.0000000	0.0	Aug	3	2	1
## 5490	0.013972431	22.6594133	0.0	Oct	2	4	1
## 5491	0.009090909	0.0000000	0.0	Aug	2	2	1
## 5492	0.013881932	20.5549453	0.0	Sep	3	2	1
## 5493	0.009615385	39.9697155	0.0	Aug	1	1	1
## 5494	0.111111111	0.0000000	0.0	Oct	1	1	1
## 5495	0.036363636	0.0000000	0.0	June	1	1	3
## 5496	0.023212197	1.9810384	0.0	Oct	3	2	3
## 5497	0.020000000	0.0000000	0.0	Nov	1	1	1
## 5498	0.007407407	0.0000000	0.0	Sep	2	2	4
## 5499	0.044444444	0.0000000	0.0	Aug	3	2	1
## 5500	0.060000000	20.9454452	0.0	Nov	1	2	2
## 5501	0.066666667	0.0000000	0.0	Sep	1	1	1
## 5502	0.003703704	0.0000000	0.0	Sep	2	10	7
## 5503	0.100000000	0.0000000	0.0	Sep	3	2	1
## 5504	0.039006410	4.4843285	0.0	Aug	3	2	1
## 5505	0.022732152	4.3954715	0.0	Aug	2	4	3
## 5506	0.024292237	0.0000000	0.0	Jul	2	2	4
## 5507	0.004545455	32.9585155	0.0	Jul	1	1	1
## 5508	0.014444444	0.0000000	0.0	June	2	2	1
## 5509	0.101587302	0.0000000	0.0	Sep	2	4	5

##	5510	0.030000000	0.0000000	0.0	Sep	3	2	1
##	5511	0.118750000	0.0000000	0.0	Aug	3	2	4
##	5512	0.096296296	0.0000000	0.0	June	2	2	1
##	5513	0.064912281	0.0000000	0.0	Sep	3	2	1
##	5514	0.066666667	0.0000000	0.0	Oct	1	1	1
##	5515	0.200000000	0.0000000	0.0	June	1	1	3
##	5516	0.020243418	0.0000000	0.0	Aug	2	2	1
##	5517	0.008978355	2.0427623	0.0	Aug	2	2	1
##	5518	0.043830926	0.8701485	0.0	June	2	2	2
##	5519	0.020000000	0.0000000	0.0	June	2	4	6
##	5520	0.010526316	0.0000000	0.0	Oct	2	2	4
##	5521	0.014537746	4.5869102	0.0	Aug	4	2	1
##	5522	0.200000000	0.0000000	0.0	June	3	2	7
##	5523	0.010555556	10.8976178	0.0	Oct	1	1	3
##	5524	0.026666667	0.0000000	0.0	June	1	2	1
##	5525	0.010526316	0.0000000	0.0	Aug	2	2	3
##	5526	0.040000000	10.9990184	0.0	Sep	2	2	4
##	5527	0.035714286	0.0000000	0.0	June	2	2	8
##	5528	0.055555556	21.0939221	0.0	Oct	3	2	2
##	5529	0.044507576	10.7211723	0.0	Nov	2	2	1
##	5530	0.019047619	0.0000000	0.0	Jul	2	2	2
##	5531	0.020000000	0.0000000	0.0	Oct	1	1	6
##	5532	0.100000000	0.0000000	0.0	Aug	2	2	1
##	5533	0.100000000	0.0000000	0.0	Aug	1	1	1
##	5534	0.052857143	0.0000000	0.0	Sep	2	2	1
##	5535	0.081818182	0.0000000	0.0	Jul	3	2	1
##	5536	0.040000000	0.0000000	0.0	Sep	4	1	7
##	5537	0.033333333	0.0000000	0.0	Nov	2	2	6
##	5538	0.038209170	3.0851036	0.0	Jul	3	2	8
##	5539	0.066666667	0.0000000	0.0	Jul	2	4	1
##	5540	0.083333333	27.2878690	0.0	Oct	1	1	4
##	5541	0.023684211	0.0000000	0.0	Jul	3	2	3
##	5542	0.038169990	0.0000000	0.0	Sep	3	2	2
##	5543	0.022222222	0.0000000	0.0	Aug	3	2	6
##	5544	0.021551724	1.0233916	0.0	Jul	3	2	8
##	5545	0.031666667	0.0000000	0.0	Jul	3	2	8
##	5546	0.034285714	4.8563771	0.0	Nov	2	2	1
##	5547	0.050000000	32.8970148	0.0	Oct	3	2	2
##	5548	0.006060606	0.0000000	0.0	Jul	1	1	1
##	5549	0.025000000	0.0000000	0.0	Jul	2	2	1
##	5550	0.012878788	0.0000000	0.0	Aug	3	2	1
##	5551	0.010526316	0.0000000	0.0	June	3	2	8
##	5552	0.013333333	0.0000000	0.0	Oct	2	2	7
##	5553	0.023913043	0.0000000	0.0	Aug	2	2	4
##	5554	0.068923933	0.0000000	0.0	June	3	2	3
##	5555	0.034615385	0.0000000	0.0	Oct	4	1	9
##	TrafficType		VisitorType	Weekend		Revenue		
##	1	1	Returning_Visitor	FALSE	FALSE			
##	2	2	Returning_Visitor	FALSE	FALSE			
##	3	3	Returning_Visitor	FALSE	FALSE			
##	4	4	Returning_Visitor	FALSE	FALSE			
##	5	4	Returning_Visitor	TRUE	FALSE			
##	6	3	Returning_Visitor	FALSE	FALSE			
##	7	3	Returning_Visitor	FALSE	FALSE			

## 8	5 Returning_Visitor	TRUE	FALSE
## 9	3 Returning_Visitor	FALSE	FALSE
## 10	2 Returning_Visitor	FALSE	FALSE
## 11	3 Returning_Visitor	FALSE	FALSE
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## 23	5 Returning_Visitor	FALSE	FALSE
## 24	3 Returning_Visitor	FALSE	FALSE
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## 40	6 Returning_Visitor	FALSE	FALSE
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## 208	3	Returning_Visitor	FALSE	FALSE
## 209	2	Returning_Visitor	FALSE	FALSE
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## 218	12	Returning_Visitor	FALSE	FALSE
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## 222	8	New_Visitor	FALSE	FALSE
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## 244	3	Returning_Visitor	FALSE	FALSE
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## 5411	4	Returning_Visitor	FALSE	TRUE
## 5412	2	New_Visitor	FALSE	TRUE
## 5413	2	New_Visitor	FALSE	FALSE
## 5414	3	Returning_Visitor	FALSE	FALSE
## 5415	2	Returning_Visitor	FALSE	TRUE
## 5416	20	New_Visitor	FALSE	FALSE
## 5417	4	New_Visitor	FALSE	TRUE
## 5418	2	Returning_Visitor	FALSE	FALSE
## 5419	1	Returning_Visitor	TRUE	FALSE
## 5420	2	Returning_Visitor	FALSE	FALSE
## 5421	2	Returning_Visitor	FALSE	FALSE
## 5422	2	Returning_Visitor	FALSE	FALSE
## 5423	1	Returning_Visitor	FALSE	FALSE
## 5424	1	Returning_Visitor	FALSE	FALSE
## 5425	1	Returning_Visitor	TRUE	FALSE
## 5426	4	Returning_Visitor	FALSE	FALSE
## 5427	2	New_Visitor	TRUE	FALSE
## 5428	3	New_Visitor	FALSE	TRUE
## 5429	5	Returning_Visitor	FALSE	FALSE
## 5430	13	Returning_Visitor	TRUE	TRUE
## 5431	2	New_Visitor	TRUE	FALSE
## 5432	4	New_Visitor	TRUE	FALSE
## 5433	1	Returning_Visitor	FALSE	FALSE
## 5434	4	Returning_Visitor	FALSE	TRUE
## 5435	1	Returning_Visitor	FALSE	TRUE
## 5436	4	Returning_Visitor	FALSE	FALSE
## 5437	3	New_Visitor	FALSE	TRUE
## 5438	4	Returning_Visitor	TRUE	FALSE
## 5439	1	Returning_Visitor	TRUE	FALSE
## 5440	1	Returning_Visitor	FALSE	FALSE
## 5441	1	Returning_Visitor	FALSE	FALSE
## 5442	1	Returning_Visitor	FALSE	FALSE
## 5443	4	Returning_Visitor	TRUE	FALSE
## 5444	3	Returning_Visitor	FALSE	FALSE
## 5445	2	New_Visitor	FALSE	TRUE
## 5446	6	Returning_Visitor	FALSE	FALSE
## 5447	13	Returning_Visitor	FALSE	FALSE
## 5448	1	Returning_Visitor	TRUE	FALSE
## 5449	13	Returning_Visitor	FALSE	FALSE
## 5450	1	Returning_Visitor	FALSE	FALSE
## 5451	2	Returning_Visitor	FALSE	FALSE
## 5452	6	Returning_Visitor	FALSE	FALSE
## 5453	2	New_Visitor	TRUE	FALSE
## 5454	2	Returning_Visitor	FALSE	FALSE
## 5455	3	New_Visitor	FALSE	FALSE
## 5456	2	Returning_Visitor	FALSE	FALSE
## 5457	3	Returning_Visitor	TRUE	FALSE
## 5458	5	New_Visitor	TRUE	FALSE
## 5459	3	New_Visitor	FALSE	FALSE
## 5460	2	New_Visitor	TRUE	FALSE
## 5461	4	Returning_Visitor	FALSE	FALSE

## 5462	2	Returning_Visitor	FALSE	FALSE
## 5463	2	New_Visitor	FALSE	FALSE
## 5464	1	New_Visitor	TRUE	FALSE
## 5465	13	Returning_Visitor	FALSE	FALSE
## 5466	4	New_Visitor	TRUE	FALSE
## 5467	2	Returning_Visitor	FALSE	FALSE
## 5468	1	Returning_Visitor	FALSE	FALSE
## 5469	20	Returning_Visitor	TRUE	FALSE
## 5470	2	New_Visitor	FALSE	TRUE
## 5471	1	Returning_Visitor	FALSE	FALSE
## 5472	1	Returning_Visitor	TRUE	FALSE
## 5473	1	Returning_Visitor	FALSE	FALSE
## 5474	1	Returning_Visitor	FALSE	FALSE
## 5475	20	Returning_Visitor	FALSE	TRUE
## 5476	7	Returning_Visitor	FALSE	TRUE
## 5477	2	New_Visitor	FALSE	TRUE
## 5478	3	Returning_Visitor	FALSE	FALSE
## 5479	3	New_Visitor	FALSE	FALSE
## 5480	3	Returning_Visitor	FALSE	FALSE
## 5481	2	Returning_Visitor	FALSE	TRUE
## 5482	1	Returning_Visitor	TRUE	TRUE
## 5483	1	Returning_Visitor	FALSE	FALSE
## 5484	1	Returning_Visitor	TRUE	TRUE
## 5485	3	Returning_Visitor	FALSE	FALSE
## 5486	4	New_Visitor	FALSE	FALSE
## 5487	4	Returning_Visitor	FALSE	FALSE
## 5488	1	Returning_Visitor	TRUE	FALSE
## 5489	2	Returning_Visitor	TRUE	FALSE
## 5490	20	Returning_Visitor	FALSE	FALSE
## 5491	4	New_Visitor	FALSE	FALSE
## 5492	1	Returning_Visitor	FALSE	TRUE
## 5493	4	Returning_Visitor	TRUE	FALSE
## 5494	3	Returning_Visitor	FALSE	FALSE
## 5495	3	Returning_Visitor	FALSE	FALSE
## 5496	4	Returning_Visitor	FALSE	FALSE
## 5497	5	New_Visitor	TRUE	FALSE
## 5498	2	New_Visitor	FALSE	FALSE
## 5499	3	Returning_Visitor	FALSE	FALSE
## 5500	4	Returning_Visitor	FALSE	FALSE
## 5501	5	New_Visitor	FALSE	TRUE
## 5502	3	Returning_Visitor	FALSE	FALSE
## 5503	13	Returning_Visitor	FALSE	FALSE
## 5504	1	Returning_Visitor	FALSE	FALSE
## 5505	2	Returning_Visitor	FALSE	TRUE
## 5506	1	Returning_Visitor	FALSE	FALSE
## 5507	4	Returning_Visitor	FALSE	TRUE
## 5508	4	Returning_Visitor	FALSE	FALSE
## 5509	1	Returning_Visitor	FALSE	FALSE
## 5510	11	Returning_Visitor	FALSE	FALSE
## 5511	1	Returning_Visitor	TRUE	FALSE
## 5512	3	Returning_Visitor	FALSE	FALSE
## 5513	13	Returning_Visitor	TRUE	TRUE
## 5514	20	Returning_Visitor	FALSE	TRUE
## 5515	2	Returning_Visitor	FALSE	FALSE

```

## 5516      1 Returning_Visitor FALSE FALSE
## 5517      1 Returning_Visitor FALSE  TRUE
## 5518      1 Returning_Visitor FALSE FALSE
## 5519      2      New_Visitor  TRUE FALSE
## 5520     13 Returning_Visitor FALSE FALSE
## 5521      2 Returning_Visitor FALSE FALSE
## 5522     13 Returning_Visitor FALSE FALSE
## 5523      2 Returning_Visitor  TRUE  TRUE
## 5524      5 Returning_Visitor FALSE FALSE
## 5525      5      New_Visitor  TRUE FALSE
## 5526      1 Returning_Visitor  TRUE FALSE
## 5527      4 Returning_Visitor FALSE FALSE
## 5528      1 Returning_Visitor FALSE FALSE
## 5529     13 Returning_Visitor FALSE FALSE
## 5530      2      New_Visitor FALSE FALSE
## 5531      2      New_Visitor FALSE FALSE
## 5532      1 Returning_Visitor FALSE FALSE
## 5533      3 Returning_Visitor FALSE FALSE
## 5534      5 Returning_Visitor FALSE FALSE
## 5535      3 Returning_Visitor  TRUE FALSE
## 5536      1 Returning_Visitor FALSE FALSE
## 5537      2      New_Visitor FALSE FALSE
## 5538     13 Returning_Visitor FALSE FALSE
## 5539      2 Returning_Visitor FALSE FALSE
## 5540      1 Returning_Visitor  TRUE  TRUE
## 5541      1 Returning_Visitor FALSE FALSE
## 5542      4 Returning_Visitor FALSE FALSE
## 5543      2 Returning_Visitor  TRUE  TRUE
## 5544      4 Returning_Visitor FALSE  TRUE
## 5545      4 Returning_Visitor FALSE FALSE
## 5546     20 Returning_Visitor  TRUE  TRUE
## 5547      2      New_Visitor FALSE  TRUE
## 5548      2      New_Visitor FALSE FALSE
## 5549      4 Returning_Visitor FALSE FALSE
## 5550      4 Returning_Visitor  TRUE FALSE
## 5551      2      New_Visitor  TRUE FALSE
## 5552      4 Returning_Visitor  TRUE FALSE
## 5553      1 Returning_Visitor FALSE FALSE
## 5554      3 Returning_Visitor FALSE FALSE
## 5555      3 Returning_Visitor  TRUE FALSE
## [ reached 'max' / getOption("max.print") -- omitted 6656 rows ]

```

```

## Checking for outliers
## Using boxplots to check for outliers
boxplot.stats(data1$Administrative)$out

```

```

## [1] 12 16 13 11 13 18 14 12 12 16 13 17 19 15 11 11 12 13 11 14 11 15 11 11 11
## [26] 12 11 24 11 11 14 14 12 13 12 13 13 13 15 12 15 11 11 14 11 12 19 24 12 12
## [51] 14 12 11 14 11 14 12 13 11 12 17 16 15 11 12 11 15 12 11 14 16 12 11 12 14
## [76] 13 15 11 13 11 11 17 15 15 14 16 13 22 13 15 12 11 11 16 13 12 12 11 24 13
## [101] 18 12 12 17 15 11 17 13 16 13 18 17 11 24 12 11 15 12 16 11 11 11 12 14 12
## [126] 15 11 12 13 12 11 14 15 11 12 12 14 16 11 12 15 11 21 11 11 11 11 13 15 11
## [151] 14 14 15 13 14 18 16 15 13 19 20 12 18 12 12 12 13 13 14 13 19 11 11 11 11
## [176] 14 11 11 14 17 11 14 13 13 16 13 13 13 11 11 11 16 15 12 15 12 11 18 13 14

```

```
## [201] 13 11 15 15 11 13 16 12 14 14 11 15 19 11 14 23 16 14 15 16 14 11 14 11 13
## [226] 15 23 13 11 12 11 11 12 12 17 12 11 12 15 12 11 11 11 11 27 22 18 12 14 12
## [251] 13 12 12 12 13 11 12 11 15 17 12 15 20 13 11 15 17 13 12 11 11 11 13 18 23
## [276] 11 22 15 13 11 11 13 11 15 16 12 12 12 15 13 14 17 14 14 12 13 11 14 12 11
## [301] 16 12 17 13 13 17 13 13 12 13 11 14 16 17 18 11 18 12 11 17 21 11 16 12 17
## [326] 11 12 11 12 12 12 12 16 11 12 14 12 22 12 11 15 11 11 13 12 14 12 13 15 15
## [351] 18 16 15 13 11 11 11 11 16 15 12 14 12 12 13 14 11 16 12 15 11 11 12 11 12
## [376] 13 11 11 16 18 13 14 11 11 12 14 12 11 14 11 14 13 14 12 14 12 12 11 26 12
## [401] 12 13 12 19
```

```
boxplot.stats(data1$Administrative_Duration)$out
```

```
##      [1] 279.4167 1005.6667 326.2500 462.0000 293.7782 1226.0000 281.0000
##      [8] 993.0000 666.8333 1388.7500 1249.8095 390.0000 374.0000 615.2500
##     [15] 277.7500 241.1667 618.0000 269.0000 304.0000 312.7500 724.0000
##     [22] 237.5000 279.0000 319.5000 614.1667 315.9667 359.0000 1347.7500
##     [29] 280.9500 416.3929 573.5000 465.8333 311.4091 263.0000 315.1450
##     [36] 523.2143 374.8750 754.1095 504.0000 466.5000 402.1857 306.0000
##     [43] 359.3000 294.7000 262.2500 937.1746 437.3913 281.0000 316.1405
##     [50] 301.7000 421.0000 492.4167 352.5000 274.5000 311.9167 867.9226
##     [57] 241.6667 828.0526 539.5000 285.0119 1521.0000 345.0000 267.1667
##     [64] 1373.5000 272.5000 247.3333 267.5000 387.5000 272.5000 320.5000
##     [71] 308.0000 315.0000 1011.3611 464.0000 243.0000 282.0000 512.8333
##     [78] 302.0000 600.4231 710.3333 848.1429 281.6310 487.5000 376.8000
##     [85] 985.5000 606.0000 1640.5909 310.0000 1417.5000 960.0000 613.6667
##     [92] 1499.5714 1223.0000 242.0000 739.2092 1559.7500 249.1667 523.9167
##     [99] 377.8333 298.6667 876.2333 408.2000 382.8333 475.0000 546.0000
##    [106] 250.3333 2047.2348 348.6548 412.0000 1130.5029 699.1667 248.5000
##    [113] 274.3333 1155.6667 355.5000 352.0000 275.0000 238.3750 377.5128
##    [120] 429.3333 485.3333 1283.0000 648.0000 494.1667 511.5000 387.6000
##    [127] 309.0000 456.9881 333.0000 825.0000 324.3000 413.5000 354.8333
##    [134] 765.6667 702.0000 352.2429 241.7667 253.0000 445.3333 654.7750
##    [141] 243.6667 254.0000 598.0000 515.6000 397.5000 238.4667 675.3333
##    [148] 296.0000 269.1667 430.8333 724.5000 357.2500 418.6667 335.1190
##    [155] 329.2976 527.0000 299.0000 295.6941 587.0000 309.0000 240.2000
##    [162] 353.0000 275.9104 277.6667 398.7000 424.1667 389.7500 462.0000
##    [169] 281.7500 513.5536 1687.5000 431.0000 427.0000 662.5357 626.0000
##    [176] 245.3333 337.0000 243.0000 750.7500 243.0000 252.5000 318.0000
##    [183] 331.1667 359.0000 704.8699 432.5833 364.5000 345.8333 248.6667
##    [190] 262.0000 290.3333 535.7500 450.4000 299.6032 454.0000 245.3333
##    [197] 275.0000 259.1667 299.0833 376.5000 620.9524 498.9000 1541.5000
##    [204] 290.6667 578.5000 246.2500 331.3000 548.3143 249.0000 261.5000
##    [211] 497.7500 316.8000 314.5000 537.0000 766.8333 1215.3333 405.2583
##    [218] 294.0000 637.9389 381.8667 236.8333 244.5000 592.0014 335.0000
##    [225] 269.8000 277.1667 1629.3333 505.0000 267.0000 239.8333 509.6667
##    [232] 1751.0476 827.2000 260.0000 566.0000 361.4762 794.8833 423.5000
##    [239] 418.3333 249.0000 656.0000 319.0000 341.4286 436.0000 255.0000
##    [246] 336.5000 567.3571 316.5500 247.1364 256.0000 338.0000 844.0000
##    [253] 324.5000 241.0000 284.8500 322.5000 418.0000 374.3690 374.0000
##    [260] 738.0000 468.3667 283.6667 278.8333 250.8571 545.0000 237.8333
##    [267] 1764.0000 312.0000 299.0000 251.8667 276.8667 1321.2500 397.8333
##    [274] 251.0000 766.8333 318.6667 386.0000 368.8333 839.0000 402.5000
##    [281] 245.4667 294.5000 362.0000 820.8000 316.8333 367.0000 375.2786
##    [288] 339.1667 259.8333 389.0000 388.3000 245.0833 543.0000 738.0000
```

##	[295]	245.1667	246.5000	641.5357	815.7667	1271.5000	494.1667	313.0333
##	[302]	602.0000	279.5000	334.7500	282.5000	321.6667	253.9000	512.0000
##	[309]	975.7500	323.5500	1474.5000	464.1500	523.3333	299.6333	433.1000
##	[316]	270.0000	310.8571	732.2500	321.6000	666.0000	332.6667	661.0000
##	[323]	259.0000	591.6636	370.2750	779.3557	262.5000	244.0000	293.0000
##	[330]	340.6111	726.3667	1261.9167	770.6000	236.9000	424.0000	253.7500
##	[337]	471.5000	313.0909	273.0000	405.1667	406.4167	271.3333	280.0000
##	[344]	674.0000	820.0000	255.8667	1951.2791	318.7202	365.1111	377.0000
##	[351]	633.5000	738.4000	281.3333	515.0000	1064.0000	334.6000	624.2000
##	[358]	1279.5000	237.8333	268.1667	454.0000	313.8667	248.8000	989.9000
##	[365]	298.0000	561.0000	394.1000	1023.0000	341.4000	449.2500	268.0000
##	[372]	672.0952	604.5000	2156.1667	475.7500	595.1000	417.2500	440.1042
##	[379]	290.8604	683.0000	470.0000	417.0000	285.8000	1172.0000	237.2500
##	[386]	611.0471	586.6480	363.3333	255.7167	310.6333	699.0000	248.0000
##	[393]	363.8750	274.5000	273.0000	249.5000	356.0000	2629.2540	286.8333
##	[400]	505.5000	703.5000	325.3333	238.4000	312.0000	261.0000	443.2917
##	[407]	313.0000	292.1905	250.0000	771.9286	295.6667	453.0000	316.5000
##	[414]	309.2500	618.0667	1222.4000	1013.0569	297.6000	545.6500	397.7000
##	[421]	932.7971	271.0000	850.0000	585.8000	491.6667	340.9000	698.1333
##	[428]	455.0667	601.9000	278.6667	268.0800	468.1007	301.0000	459.5000
##	[435]	423.6000	628.3667	498.6000	661.7667	358.2583	265.0433	275.0844
##	[442]	304.6000	353.4000	1672.0333	570.2667	238.6838	242.6333	2720.5000
##	[449]	275.3333	246.5333	245.8000	391.6833	452.5000	631.1073	271.7500
##	[456]	603.8000	456.2333	498.9810	438.8000	267.8000	603.9000	239.6000
##	[463]	245.7333	252.6676	362.3000	760.9000	1566.6000	241.3500	381.5000
##	[470]	399.8000	344.2000	408.6000	1013.8867	401.1500	552.2000	288.0000
##	[477]	700.6333	1220.9143	754.5333	1013.1714	440.2814	273.6600	381.8000
##	[484]	423.1000	265.4333	255.5167	501.4833	2407.4238	1104.2000	279.2667
##	[491]	318.2667	317.9143	289.0000	397.2644	306.4600	779.0000	778.4000
##	[498]	368.4000	293.6333	322.3500	254.2532	298.2000	275.1000	264.9000
##	[505]	333.5400	569.8250	304.5833	419.0000	268.9500	296.8600	361.6000
##	[512]	471.6267	241.6000	356.6000	249.8000	315.8457	432.2000	251.3091
##	[519]	275.1000	385.5667	667.2500	498.9000	903.7000	236.8000	416.2000
##	[526]	319.4000	484.4616	419.1795	243.6500	706.5567	415.5500	399.2000
##	[533]	260.7361	287.5000	246.6000	608.1400	444.7000	376.3333	294.6588
##	[540]	314.5050	515.6133	308.5860	1660.3000	913.5222	327.2357	341.8167
##	[547]	240.8000	666.2000	446.3833	391.3000	351.0833	519.0000	430.1570
##	[554]	287.7000	449.8167	579.1333	267.5000	285.2000	246.5333	337.5800
##	[561]	420.1000	264.1333	255.9159	734.6333	242.8000	1305.1147	1427.0250
##	[568]	295.2000	253.1500	293.0000	275.7400	327.4000	279.2800	410.5500
##	[575]	1097.0167	253.0667	257.4000	251.8143	287.0000	344.1000	456.9000
##	[582]	428.0222	659.5067	360.9167	445.3500	299.4500	337.6000	314.6107
##	[589]	549.0000	593.4667	398.0000	287.2000	345.0167	373.6200	318.2000
##	[596]	240.1000	346.0000	390.8700	291.2357	405.5500	473.1667	341.6000
##	[603]	338.0000	337.9000	380.4333	382.3467	266.7000	504.3000	250.8000
##	[610]	256.1000	312.8000	259.1833	301.0778	831.6222	292.3000	335.8000
##	[617]	302.9000	353.7000	433.8000	400.6500	257.0933	264.0000	296.2000
##	[624]	294.2000	280.3367	260.1000	407.5700	420.0667	265.0000	423.0000
##	[631]	512.5806	352.3667	266.0476	383.8000	365.0333	309.6333	584.2000
##	[638]	356.7464	604.7300	464.5000	240.9000	611.0333	822.7667	664.0867
##	[645]	869.1667	524.9333	466.6167	825.9400	246.8000	263.4600	551.7944
##	[652]	352.2333	1178.6000	269.8000	369.8333	237.8326	343.0667	292.8800
##	[659]	902.1600	268.2000	282.1000	271.2000	237.0000	286.5333	335.1310
##	[666]	352.4000	367.6333	245.9333	285.7000	262.0200	421.2500	473.7000

##	[673]	590.9250	253.4000	325.4800	285.9000	247.1000	342.1000	508.8000
##	[680]	821.0754	277.8000	318.2000	254.5000	1251.2000	381.6731	303.2000
##	[687]	574.4512	272.0333	630.5333	371.8000	1415.5000	380.8000	564.9000
##	[694]	250.8000	273.0000	574.5500	289.6833	245.4000	266.2500	291.9601
##	[701]	263.7333	375.1200	803.4700	266.7433	301.2000	239.7445	243.6800
##	[708]	259.2836	292.2000	785.2167	252.8000	398.0667	580.2000	471.0600
##	[715]	378.4667	310.0667	293.6222	341.6000	383.3000	504.2533	275.8000
##	[722]	410.9000	398.5727	326.0000	248.2286	626.4933	356.6750	975.6467
##	[729]	265.4000	284.2000	446.2500	441.8500	539.5000	286.8333	524.7500
##	[736]	3398.7500	825.0000	935.1000	1145.2500	256.5000	416.0000	247.1500
##	[743]	333.8674	548.5000	492.1667	588.2972	265.0417	537.5000	386.0000
##	[750]	490.5000	294.0705	317.0189	239.3333	390.0000	752.3833	365.1167
##	[757]	643.8333	993.0833	853.7359	479.2500	355.0000	438.3310	1652.0000
##	[764]	505.4000	334.5000	671.0833	356.1250	301.6250	276.0000	257.5000
##	[771]	328.7500	264.9000	513.8333	297.7500	337.5417	275.7500	322.2500
##	[778]	1106.3898	662.3393	368.7500	507.0000	474.0000	651.8750	315.3333
##	[785]	250.0833	268.4167	238.7756	677.1912	451.2836	530.5000	346.7096
##	[792]	561.5000	598.3750	645.6667	258.1444	718.0000	327.5000	1715.0000
##	[799]	378.7500	316.0000	290.2934	248.5000	260.2083	1307.6750	471.2500
##	[806]	487.0000	407.2500	1443.1000	543.3549	346.2500	318.6410	241.8611
##	[813]	286.4643	284.0000	334.2500	452.5000	739.1250	334.1667	307.3601
##	[820]	631.4167	554.7500	256.5000	249.8000	562.0000	305.9053	1230.3333
##	[827]	634.2667	237.5000	964.2500	1012.5000	322.9417	474.4764	263.3583
##	[834]	440.4615	866.4280	459.3333	572.5833	301.5617	331.2500	286.9333
##	[841]	358.0833	298.0820	571.2500	509.8333	283.2500	390.5000	571.5000
##	[848]	278.1520	2657.3181	274.2500	427.0667	302.5000	295.9619	269.0417
##	[855]	241.8542	303.9280	350.6000	251.7500	249.3917	1528.2500	644.5000
##	[862]	324.0000	726.0000	636.0000	237.2500	722.2083	250.5000	268.0000
##	[869]	353.5000	266.8750	522.2500	293.5786	1172.0000	347.7917	283.3750
##	[876]	243.1667	743.5824	238.4833	736.0000	463.7500	488.4630	408.4083
##	[883]	1668.5000	426.7000	388.7917	264.4167	276.7500	1946.0000	320.0000
##	[890]	399.2500	943.0000	634.5000	253.1000	381.4500	255.7500	323.3636
##	[897]	1455.3500	493.7500	2086.7500	239.9288	448.5000	311.8301	466.0000
##	[904]	317.9583	295.9286	288.0875	322.8333	1592.9167	284.0000	272.0417
##	[911]	569.0000	331.9833	279.0000	576.0000	904.5833	237.5000	424.0000
##	[918]	395.7083	403.0000	494.5333	265.7500	396.9605	352.1071	301.1369
##	[925]	446.9333	335.1667	1103.3304	875.0000	250.2500	261.1619	364.3333
##	[932]	252.8125	965.5000	242.5000	247.0833	497.1667	311.2500	1079.1843
##	[939]	570.2500	302.0000	790.9000	305.0000	934.5000	241.8417	770.7389
##	[946]	316.5000	315.1667	856.8333	504.2833	387.7500	526.8500	238.0500
##	[953]	446.2381	371.7000	900.5000	367.0000	296.7500	1449.6667	444.2847
##	[960]	793.5000	303.8667	394.1000	342.7500	613.5000	335.5000	506.3884
##	[967]	395.8786	474.6667	1040.2500	320.2708	243.2500	1115.5000	279.0000
##	[974]	507.3333	324.5000	509.5312	268.5000	379.5000	501.7500	334.0000
##	[981]	369.3750	236.5000	341.0000	251.6190	321.2667	296.1167	440.5833
##	[988]	1153.6823	521.0750	417.5000	424.4750	356.5000	779.4500	244.7083
##	[995]	404.7667	340.5917	1098.5000	288.5208	240.1667	365.0000	271.3000
##	[1002]	340.9333	274.6667	448.0621	248.9214	248.9167	444.4444	555.5000
##	[1009]	392.0000	257.5625	623.5000	397.6310	922.7500	485.9066	242.1250
##	[1016]	396.5000	238.5833	974.0000	265.2917	339.0000	354.2917	261.5000
##	[1023]	330.0556	296.0417	559.1667	316.8229	294.0000	392.5000	353.1250
##	[1030]	305.6667	992.7143	318.8013	250.2222	237.3500	1463.3333	268.2500
##	[1037]	305.0000	319.8333	270.0167	1276.2643	712.0000	406.0000	393.2667
##	[1044]	367.6667	344.4922	270.0000	367.2500	400.0000	364.5000	793.7500

```
## [1051] 283.0167 723.5000 576.6208 264.8095 244.2667 585.5000 335.0636
## [1058] 335.8750 307.3000 297.2083 280.2667 389.5000 243.7470 261.5000
## [1065] 1535.3556 279.5000 258.0000 281.3333 252.0000 247.7500 1284.3375
## [1072] 360.7500 244.2500 252.5000 1028.8333 279.2500 302.0833 262.1212
## [1079] 720.5000 449.7500 514.0750 255.0000 344.0000 461.0000 2137.1127
## [1086] 310.0000 304.5000 647.3333 281.9167 266.0000 255.4167 254.0000
## [1093] 453.6000 314.0833 879.5000 246.2524 515.9821 447.1250 878.7121
## [1100] 598.8727 349.7750 524.9500 671.0000 337.0000 247.0500 321.5000
## [1107] 1005.6083 442.6000 345.8065 397.7167 363.0500 1922.0000 795.2083
## [1114] 483.3333 381.7500 289.0000 479.2500 255.5000 323.5000 251.0000
## [1121] 822.6667 260.2500 441.1000 889.1667 495.1667 275.5167 441.8333
## [1128] 297.8333 326.4947 888.8333 1489.0417 1561.7176 298.5818 1294.9000
## [1135] 533.5914 344.5000 698.5000 500.0000 257.7500 270.7500 317.6282
## [1142] 580.3333 399.7500 243.7500 739.1949 311.1361 262.6667 413.4996
## [1149] 369.3333 305.1250
```

```
boxplot.stats(data1$Informational)$out
```

```
## [1] 1.0000000 2.0000000 1.0000000 1.0000000 1.0000000 4.0000000
## [7] 1.0000000 2.0000000 1.0000000 2.0000000 16.0000000 2.0000000
## [13] 1.0000000 1.0000000 5.0000000 1.0000000 2.0000000 1.0000000
## [19] 3.0000000 2.0000000 2.0000000 1.0000000 5.0000000 1.0000000
## [25] 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000
## [31] 4.0000000 1.0000000 1.0000000 1.0000000 1.0000000 2.0000000
## [37] 2.0000000 3.0000000 1.0000000 1.0000000 1.0000000 1.0000000
## [43] 14.0000000 3.0000000 5.0000000 1.0000000 4.0000000 4.0000000
## [49] 4.0000000 1.0000000 1.0000000 2.0000000 1.0000000 2.0000000
## [55] 1.0000000 2.0000000 1.0000000 3.0000000 2.0000000 1.0000000
## [61] 1.0000000 2.0000000 6.0000000 1.0000000 6.0000000 1.0000000
## [67] 2.0000000 1.0000000 1.0000000 3.0000000 2.0000000 1.0000000
## [73] 1.0000000 2.0000000 3.0000000 1.0000000 1.0000000 2.0000000
## [79] 1.0000000 12.0000000 6.0000000 2.0000000 3.0000000 1.0000000
## [85] 3.0000000 1.0000000 2.0000000 5.0000000 2.0000000 1.0000000
## [91] 1.0000000 2.0000000 2.0000000 1.0000000 4.0000000 4.0000000
## [97] 3.0000000 1.0000000 2.0000000 4.0000000 1.0000000 1.0000000
## [103] 1.0000000 4.0000000 2.0000000 1.0000000 6.0000000 1.0000000
## [109] 1.0000000 2.0000000 3.0000000 3.0000000 2.0000000 2.0000000
## [115] 3.0000000 1.0000000 1.0000000 1.0000000 1.0000000 7.0000000
## [121] 2.0000000 1.0000000 6.0000000 2.0000000 1.0000000 1.0000000
## [127] 1.0000000 2.0000000 1.0000000 5.0000000 1.0000000 4.0000000
## [133] 4.0000000 1.0000000 2.0000000 3.0000000 1.0000000 5.0000000
## [139] 2.0000000 5.0000000 6.0000000 3.0000000 2.0000000 1.0000000
## [145] 2.0000000 3.0000000 4.0000000 2.0000000 4.0000000 1.0000000
## [151] 3.0000000 2.0000000 2.0000000 1.0000000 3.0000000 6.0000000
## [157] 1.0000000 3.0000000 1.0000000 1.0000000 2.0000000 0.5039786
## [163] 3.0000000 1.0000000 2.0000000 1.0000000 3.0000000 2.0000000
## [169] 1.0000000 1.0000000 1.0000000 2.0000000 2.0000000 5.0000000
## [175] 3.0000000 3.0000000 0.5039786 0.5039786 0.5039786 0.5039786
## [181] 2.0000000 1.0000000 1.0000000 3.0000000 1.0000000 1.0000000
## [187] 1.0000000 4.0000000 4.0000000 1.0000000 2.0000000 1.0000000
## [193] 2.0000000 2.0000000 3.0000000 1.0000000 3.0000000 3.0000000
## [199] 4.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000
## [205] 2.0000000 1.0000000 1.0000000 2.0000000 1.0000000 1.0000000
## [211] 2.0000000 2.0000000 1.0000000 7.0000000 1.0000000 4.0000000
```

##	[217]	1.0000000	1.0000000	1.0000000	2.0000000	1.0000000	1.0000000
##	[223]	4.0000000	1.0000000	1.0000000	1.0000000	3.0000000	3.0000000
##	[229]	6.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
##	[235]	2.0000000	2.0000000	0.5039786	0.5039786	0.5039786	0.5039786
##	[241]	1.0000000	2.0000000	3.0000000	5.0000000	1.0000000	7.0000000
##	[247]	1.0000000	4.0000000	1.0000000	1.0000000	1.0000000	1.0000000
##	[253]	6.0000000	3.0000000	4.0000000	1.0000000	9.0000000	1.0000000
##	[259]	1.0000000	1.0000000	2.0000000	1.0000000	6.0000000	3.0000000
##	[265]	1.0000000	3.0000000	1.0000000	3.0000000	3.0000000	2.0000000
##	[271]	2.0000000	2.0000000	6.0000000	4.0000000	1.0000000	1.0000000
##	[277]	6.0000000	1.0000000	2.0000000	1.0000000	1.0000000	2.0000000
##	[283]	1.0000000	3.0000000	2.0000000	3.0000000	1.0000000	1.0000000
##	[289]	2.0000000	2.0000000	1.0000000	5.0000000	2.0000000	1.0000000
##	[295]	3.0000000	1.0000000	2.0000000	2.0000000	2.0000000	2.0000000
##	[301]	1.0000000	3.0000000	5.0000000	3.0000000	3.0000000	4.0000000
##	[307]	2.0000000	1.0000000	4.0000000	3.0000000	1.0000000	1.0000000
##	[313]	3.0000000	1.0000000	3.0000000	1.0000000	2.0000000	1.0000000
##	[319]	1.0000000	5.0000000	2.0000000	3.0000000	1.0000000	4.0000000
##	[325]	10.0000000	2.0000000	2.0000000	1.0000000	1.0000000	1.0000000
##	[331]	4.0000000	2.0000000	1.0000000	1.0000000	1.0000000	1.0000000
##	[337]	1.0000000	4.0000000	6.0000000	1.0000000	6.0000000	4.0000000
##	[343]	3.0000000	3.0000000	2.0000000	8.0000000	3.0000000	1.0000000
##	[349]	6.0000000	0.5039786	0.5039786	1.0000000	1.0000000	8.0000000
##	[355]	2.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
##	[361]	1.0000000	3.0000000	1.0000000	3.0000000	2.0000000	3.0000000
##	[367]	1.0000000	7.0000000	1.0000000	1.0000000	2.0000000	1.0000000
##	[373]	4.0000000	2.0000000	2.0000000	3.0000000	3.0000000	1.0000000
##	[379]	1.0000000	3.0000000	3.0000000	3.0000000	2.0000000	3.0000000
##	[385]	4.0000000	4.0000000	1.0000000	1.0000000	4.0000000	1.0000000
##	[391]	5.0000000	2.0000000	2.0000000	1.0000000	2.0000000	1.0000000
##	[397]	7.0000000	1.0000000	6.0000000	4.0000000	1.0000000	1.0000000
##	[403]	2.0000000	1.0000000	4.0000000	1.0000000	1.0000000	6.0000000
##	[409]	4.0000000	2.0000000	1.0000000	4.0000000	1.0000000	1.0000000
##	[415]	2.0000000	1.0000000	1.0000000	2.0000000	2.0000000	5.0000000
##	[421]	1.0000000	3.0000000	1.0000000	2.0000000	2.0000000	3.0000000
##	[427]	1.0000000	1.0000000	1.0000000	2.0000000	9.0000000	1.0000000
##	[433]	3.0000000	2.0000000	3.0000000	4.0000000	2.0000000	2.0000000
##	[439]	2.0000000	2.0000000	2.0000000	2.0000000	1.0000000	5.0000000
##	[445]	1.0000000	1.0000000	2.0000000	1.0000000	2.0000000	5.0000000
##	[451]	1.0000000	1.0000000	1.0000000	2.0000000	1.0000000	3.0000000
##	[457]	2.0000000	3.0000000	2.0000000	1.0000000	2.0000000	4.0000000
##	[463]	2.0000000	1.0000000	1.0000000	2.0000000	1.0000000	3.0000000
##	[469]	4.0000000	2.0000000	2.0000000	1.0000000	1.0000000	3.0000000
##	[475]	2.0000000	2.0000000	3.0000000	4.0000000	3.0000000	3.0000000
##	[481]	1.0000000	2.0000000	2.0000000	2.0000000	4.0000000	1.0000000
##	[487]	2.0000000	2.0000000	2.0000000	3.0000000	4.0000000	1.0000000
##	[493]	2.0000000	2.0000000	0.5039786	6.0000000	1.0000000	1.0000000
##	[499]	2.0000000	2.0000000	4.0000000	1.0000000	2.0000000	1.0000000
##	[505]	1.0000000	1.0000000	3.0000000	3.0000000	5.0000000	2.0000000
##	[511]	5.0000000	3.0000000	1.0000000	1.0000000	2.0000000	2.0000000
##	[517]	2.0000000	2.0000000	2.0000000	1.0000000	1.0000000	1.0000000
##	[523]	2.0000000	2.0000000	2.0000000	6.0000000	1.0000000	1.0000000
##	[529]	1.0000000	3.0000000	3.0000000	2.0000000	4.0000000	1.0000000
##	[535]	2.0000000	1.0000000	1.0000000	7.0000000	2.0000000	1.0000000

##	[541]	1.0000000	2.0000000	1.0000000	6.0000000	1.0000000	2.0000000
##	[547]	2.0000000	1.0000000	1.0000000	2.0000000	2.0000000	2.0000000
##	[553]	2.0000000	1.0000000	3.0000000	1.0000000	1.0000000	1.0000000
##	[559]	1.0000000	1.0000000	1.0000000	1.0000000	2.0000000	2.0000000
##	[565]	1.0000000	2.0000000	4.0000000	1.0000000	4.0000000	2.0000000
##	[571]	2.0000000	1.0000000	3.0000000	3.0000000	1.0000000	3.0000000
##	[577]	2.0000000	2.0000000	6.0000000	1.0000000	1.0000000	1.0000000
##	[583]	1.0000000	2.0000000	3.0000000	2.0000000	3.0000000	3.0000000
##	[589]	1.0000000	2.0000000	1.0000000	1.0000000	3.0000000	1.0000000
##	[595]	2.0000000	5.0000000	2.0000000	2.0000000	2.0000000	1.0000000
##	[601]	4.0000000	1.0000000	1.0000000	1.0000000	1.0000000	3.0000000
##	[607]	1.0000000	5.0000000	1.0000000	1.0000000	2.0000000	1.0000000
##	[613]	1.0000000	2.0000000	1.0000000	1.0000000	2.0000000	1.0000000
##	[619]	2.0000000	1.0000000	1.0000000	3.0000000	1.0000000	1.0000000
##	[625]	2.0000000	2.0000000	1.0000000	2.0000000	3.0000000	3.0000000
##	[631]	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	2.0000000
##	[637]	2.0000000	3.0000000	2.0000000	1.0000000	9.0000000	2.0000000
##	[643]	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	2.0000000
##	[649]	2.0000000	1.0000000	4.0000000	1.0000000	4.0000000	1.0000000
##	[655]	1.0000000	1.0000000	1.0000000	1.0000000	3.0000000	1.0000000
##	[661]	6.0000000	1.0000000	2.0000000	1.0000000	1.0000000	2.0000000
##	[667]	1.0000000	1.0000000	2.0000000	1.0000000	3.0000000	1.0000000
##	[673]	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
##	[679]	1.0000000	3.0000000	1.0000000	3.0000000	2.0000000	1.0000000
##	[685]	1.0000000	2.0000000	1.0000000	3.0000000	1.0000000	1.0000000
##	[691]	1.0000000	1.0000000	3.0000000	1.0000000	2.0000000	5.0000000
##	[697]	1.0000000	3.0000000	1.0000000	3.0000000	1.0000000	4.0000000
##	[703]	1.0000000	2.0000000	1.0000000	1.0000000	8.0000000	1.0000000
##	[709]	3.0000000	1.0000000	1.0000000	2.0000000	2.0000000	5.0000000
##	[715]	4.0000000	3.0000000	1.0000000	1.0000000	1.0000000	2.0000000
##	[721]	1.0000000	1.0000000	4.0000000	4.0000000	8.0000000	2.0000000
##	[727]	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	6.0000000
##	[733]	1.0000000	1.0000000	2.0000000	2.0000000	3.0000000	7.0000000
##	[739]	1.0000000	1.0000000	2.0000000	3.0000000	3.0000000	1.0000000
##	[745]	4.0000000	2.0000000	5.0000000	5.0000000	7.0000000	1.0000000
##	[751]	2.0000000	7.0000000	2.0000000	1.0000000	1.0000000	1.0000000
##	[757]	3.0000000	2.0000000	2.0000000	4.0000000	1.0000000	3.0000000
##	[763]	1.0000000	11.0000000	1.0000000	4.0000000	2.0000000	1.0000000
##	[769]	1.0000000	1.0000000	1.0000000	1.0000000	3.0000000	2.0000000
##	[775]	1.0000000	1.0000000	8.0000000	5.0000000	1.0000000	3.0000000
##	[781]	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
##	[787]	12.0000000	5.0000000	4.0000000	1.0000000	1.0000000	4.0000000
##	[793]	2.0000000	1.0000000	12.0000000	2.0000000	2.0000000	1.0000000
##	[799]	2.0000000	2.0000000	3.0000000	2.0000000	1.0000000	5.0000000
##	[805]	1.0000000	1.0000000	1.0000000	4.0000000	2.0000000	1.0000000
##	[811]	3.0000000	1.0000000	2.0000000	1.0000000	1.0000000	1.0000000
##	[817]	1.0000000	1.0000000	2.0000000	1.0000000	1.0000000	2.0000000
##	[823]	4.0000000	2.0000000	3.0000000	1.0000000	2.0000000	1.0000000
##	[829]	1.0000000	1.0000000	1.0000000	2.0000000	3.0000000	2.0000000
##	[835]	8.0000000	1.0000000	1.0000000	3.0000000	1.0000000	1.0000000
##	[841]	3.0000000	2.0000000	1.0000000	1.0000000	1.0000000	2.0000000
##	[847]	1.0000000	1.0000000	3.0000000	1.0000000	2.0000000	2.0000000
##	[853]	2.0000000	1.0000000	3.0000000	2.0000000	2.0000000	1.0000000
##	[859]	1.0000000	4.0000000	1.0000000	3.0000000	1.0000000	1.0000000

##	[865]	2.0000000	1.0000000	1.0000000	3.0000000	1.0000000	1.0000000
##	[871]	2.0000000	3.0000000	3.0000000	2.0000000	1.0000000	1.0000000
##	[877]	2.0000000	2.0000000	3.0000000	1.0000000	6.0000000	1.0000000
##	[883]	1.0000000	1.0000000	4.0000000	3.0000000	3.0000000	2.0000000
##	[889]	2.0000000	2.0000000	5.0000000	2.0000000	1.0000000	3.0000000
##	[895]	1.0000000	2.0000000	6.0000000	1.0000000	2.0000000	1.0000000
##	[901]	1.0000000	3.0000000	3.0000000	1.0000000	1.0000000	2.0000000
##	[907]	2.0000000	3.0000000	1.0000000	7.0000000	6.0000000	1.0000000
##	[913]	1.0000000	3.0000000	2.0000000	1.0000000	2.0000000	1.0000000
##	[919]	1.0000000	2.0000000	2.0000000	3.0000000	1.0000000	2.0000000
##	[925]	1.0000000	5.0000000	4.0000000	1.0000000	1.0000000	7.0000000
##	[931]	3.0000000	4.0000000	1.0000000	2.0000000	3.0000000	2.0000000
##	[937]	2.0000000	1.0000000	1.0000000	2.0000000	3.0000000	3.0000000
##	[943]	1.0000000	2.0000000	1.0000000	1.0000000	1.0000000	1.0000000
##	[949]	1.0000000	1.0000000	2.0000000	1.0000000	2.0000000	1.0000000
##	[955]	2.0000000	1.0000000	3.0000000	24.0000000	2.0000000	1.0000000
##	[961]	1.0000000	7.0000000	2.0000000	2.0000000	2.0000000	1.0000000
##	[967]	3.0000000	2.0000000	3.0000000	4.0000000	1.0000000	2.0000000
##	[973]	4.0000000	8.0000000	1.0000000	1.0000000	3.0000000	1.0000000
##	[979]	1.0000000	1.0000000	1.0000000	2.0000000	2.0000000	3.0000000
##	[985]	4.0000000	1.0000000	3.0000000	4.0000000	1.0000000	1.0000000
##	[991]	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
##	[997]	1.0000000	1.0000000	2.0000000	1.0000000	1.0000000	1.0000000
##	[1003]	1.0000000	1.0000000	2.0000000	1.0000000	3.0000000	1.0000000
##	[1009]	2.0000000	3.0000000	5.0000000	7.0000000	2.0000000	1.0000000
##	[1015]	2.0000000	1.0000000	2.0000000	1.0000000	3.0000000	4.0000000
##	[1021]	1.0000000	2.0000000	1.0000000	3.0000000	1.0000000	2.0000000
##	[1027]	3.0000000	5.0000000	4.0000000	1.0000000	2.0000000	1.0000000
##	[1033]	2.0000000	3.0000000	1.0000000	1.0000000	3.0000000	1.0000000
##	[1039]	1.0000000	6.0000000	6.0000000	1.0000000	1.0000000	3.0000000
##	[1045]	3.0000000	4.0000000	1.0000000	1.0000000	1.0000000	1.0000000
##	[1051]	1.0000000	5.0000000	2.0000000	2.0000000	4.0000000	6.0000000
##	[1057]	3.0000000	3.0000000	6.0000000	2.0000000	2.0000000	1.0000000
##	[1063]	1.0000000	1.0000000	2.0000000	1.0000000	1.0000000	2.0000000
##	[1069]	3.0000000	1.0000000	2.0000000	4.0000000	4.0000000	1.0000000
##	[1075]	1.0000000	3.0000000	2.0000000	1.0000000	2.0000000	2.0000000
##	[1081]	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
##	[1087]	1.0000000	3.0000000	2.0000000	1.0000000	2.0000000	2.0000000
##	[1093]	3.0000000	3.0000000	2.0000000	1.0000000	1.0000000	1.0000000
##	[1099]	1.0000000	3.0000000	3.0000000	6.0000000	3.0000000	1.0000000
##	[1105]	2.0000000	3.0000000	1.0000000	1.0000000	2.0000000	3.0000000
##	[1111]	2.0000000	3.0000000	4.0000000	2.0000000	2.0000000	1.0000000
##	[1117]	1.0000000	1.0000000	1.0000000	3.0000000	3.0000000	1.0000000
##	[1123]	4.0000000	1.0000000	2.0000000	1.0000000	1.0000000	2.0000000
##	[1129]	1.0000000	5.0000000	3.0000000	3.0000000	1.0000000	2.0000000
##	[1135]	2.0000000	1.0000000	1.0000000	2.0000000	1.0000000	9.0000000
##	[1141]	1.0000000	2.0000000	1.0000000	2.0000000	1.0000000	5.0000000
##	[1147]	2.0000000	1.0000000	3.0000000	4.0000000	4.0000000	1.0000000
##	[1153]	2.0000000	1.0000000	2.0000000	2.0000000	2.0000000	1.0000000
##	[1159]	1.0000000	2.0000000	1.0000000	1.0000000	3.0000000	1.0000000
##	[1165]	7.0000000	2.0000000	1.0000000	3.0000000	1.0000000	1.0000000
##	[1171]	4.0000000	1.0000000	3.0000000	3.0000000	1.0000000	2.0000000
##	[1177]	2.0000000	1.0000000	1.0000000	1.0000000	4.0000000	4.0000000
##	[1183]	4.0000000	2.0000000	1.0000000	1.0000000	2.0000000	1.0000000

##	[1189]	4.0000000	3.0000000	1.0000000	1.0000000	3.0000000	6.0000000
##	[1195]	1.0000000	1.0000000	1.0000000	4.0000000	2.0000000	1.0000000
##	[1201]	6.0000000	2.0000000	1.0000000	3.0000000	3.0000000	2.0000000
##	[1207]	3.0000000	1.0000000	3.0000000	1.0000000	8.0000000	4.0000000
##	[1213]	2.0000000	2.0000000	5.0000000	1.0000000	1.0000000	6.0000000
##	[1219]	4.0000000	3.0000000	1.0000000	1.0000000	2.0000000	4.0000000
##	[1225]	2.0000000	1.0000000	1.0000000	3.0000000	1.0000000	2.0000000
##	[1231]	2.0000000	2.0000000	1.0000000	2.0000000	2.0000000	2.0000000
##	[1237]	1.0000000	1.0000000	1.0000000	2.0000000	2.0000000	1.0000000
##	[1243]	1.0000000	2.0000000	2.0000000	1.0000000	1.0000000	1.0000000
##	[1249]	2.0000000	3.0000000	3.0000000	3.0000000	2.0000000	1.0000000
##	[1255]	2.0000000	2.0000000	4.0000000	2.0000000	1.0000000	1.0000000
##	[1261]	2.0000000	1.0000000	4.0000000	3.0000000	2.0000000	2.0000000
##	[1267]	3.0000000	1.0000000	1.0000000	1.0000000	2.0000000	6.0000000
##	[1273]	3.0000000	3.0000000	2.0000000	2.0000000	4.0000000	3.0000000
##	[1279]	1.0000000	2.0000000	2.0000000	5.0000000	3.0000000	1.0000000
##	[1285]	2.0000000	4.0000000	7.0000000	1.0000000	1.0000000	1.0000000
##	[1291]	1.0000000	1.0000000	7.0000000	5.0000000	4.0000000	1.0000000
##	[1297]	2.0000000	1.0000000	1.0000000	2.0000000	1.0000000	2.0000000
##	[1303]	1.0000000	2.0000000	1.0000000	3.0000000	2.0000000	2.0000000
##	[1309]	2.0000000	1.0000000	3.0000000	5.0000000	4.0000000	1.0000000
##	[1315]	2.0000000	14.0000000	2.0000000	2.0000000	1.0000000	7.0000000
##	[1321]	1.0000000	2.0000000	2.0000000	2.0000000	2.0000000	3.0000000
##	[1327]	2.0000000	1.0000000	1.0000000	1.0000000	3.0000000	3.0000000
##	[1333]	1.0000000	2.0000000	2.0000000	2.0000000	2.0000000	4.0000000
##	[1339]	1.0000000	1.0000000	2.0000000	1.0000000	4.0000000	4.0000000
##	[1345]	3.0000000	1.0000000	4.0000000	1.0000000	3.0000000	1.0000000
##	[1351]	4.0000000	2.0000000	1.0000000	1.0000000	1.0000000	5.0000000
##	[1357]	3.0000000	2.0000000	1.0000000	2.0000000	1.0000000	2.0000000
##	[1363]	2.0000000	1.0000000	1.0000000	5.0000000	2.0000000	2.0000000
##	[1369]	3.0000000	4.0000000	7.0000000	1.0000000	1.0000000	2.0000000
##	[1375]	2.0000000	2.0000000	2.0000000	1.0000000	4.0000000	5.0000000
##	[1381]	2.0000000	1.0000000	1.0000000	5.0000000	2.0000000	1.0000000
##	[1387]	1.0000000	3.0000000	9.0000000	2.0000000	2.0000000	1.0000000
##	[1393]	3.0000000	2.0000000	1.0000000	4.0000000	2.0000000	2.0000000
##	[1399]	2.0000000	4.0000000	1.0000000	1.0000000	2.0000000	2.0000000
##	[1405]	2.0000000	5.0000000	1.0000000	3.0000000	1.0000000	1.0000000
##	[1411]	2.0000000	2.0000000	2.0000000	2.0000000	1.0000000	2.0000000
##	[1417]	2.0000000	1.0000000	1.0000000	1.0000000	1.0000000	4.0000000
##	[1423]	6.0000000	2.0000000	2.0000000	2.0000000	4.0000000	1.0000000
##	[1429]	3.0000000	7.0000000	1.0000000	2.0000000	2.0000000	7.0000000
##	[1435]	2.0000000	1.0000000	1.0000000	1.0000000	1.0000000	3.0000000
##	[1441]	1.0000000	4.0000000	1.0000000	4.0000000	2.0000000	9.0000000
##	[1447]	2.0000000	2.0000000	3.0000000	2.0000000	1.0000000	4.0000000
##	[1453]	2.0000000	2.0000000	10.0000000	1.0000000	2.0000000	4.0000000
##	[1459]	2.0000000	3.0000000	3.0000000	6.0000000	3.0000000	2.0000000
##	[1465]	2.0000000	3.0000000	5.0000000	1.0000000	3.0000000	7.0000000
##	[1471]	4.0000000	5.0000000	2.0000000	1.0000000	1.0000000	4.0000000
##	[1477]	3.0000000	2.0000000	4.0000000	1.0000000	3.0000000	2.0000000
##	[1483]	3.0000000	2.0000000	2.0000000	2.0000000	2.0000000	1.0000000
##	[1489]	5.0000000	3.0000000	1.0000000	1.0000000	1.0000000	1.0000000
##	[1495]	2.0000000	3.0000000	3.0000000	2.0000000	1.0000000	1.0000000
##	[1501]	3.0000000	5.0000000	1.0000000	2.0000000	5.0000000	1.0000000
##	[1507]	4.0000000	4.0000000	2.0000000	3.0000000	5.0000000	1.0000000

##	[1513]	1.0000000	1.0000000	1.0000000	2.0000000	1.0000000	1.0000000
##	[1519]	6.0000000	2.0000000	1.0000000	1.0000000	2.0000000	2.0000000
##	[1525]	3.0000000	1.0000000	4.0000000	2.0000000	2.0000000	1.0000000
##	[1531]	2.0000000	5.0000000	1.0000000	2.0000000	2.0000000	1.0000000
##	[1537]	1.0000000	1.0000000	2.0000000	7.0000000	2.0000000	1.0000000
##	[1543]	3.0000000	1.0000000	2.0000000	2.0000000	1.0000000	1.0000000
##	[1549]	1.0000000	1.0000000	2.0000000	1.0000000	1.0000000	1.0000000
##	[1555]	2.0000000	1.0000000	1.0000000	1.0000000	1.0000000	3.0000000
##	[1561]	3.0000000	1.0000000	3.0000000	3.0000000	2.0000000	1.0000000
##	[1567]	3.0000000	4.0000000	1.0000000	1.0000000	2.0000000	3.0000000
##	[1573]	2.0000000	3.0000000	3.0000000	4.0000000	1.0000000	4.0000000
##	[1579]	4.0000000	2.0000000	3.0000000	2.0000000	3.0000000	1.0000000
##	[1585]	2.0000000	2.0000000	2.0000000	1.0000000	3.0000000	2.0000000
##	[1591]	1.0000000	2.0000000	2.0000000	4.0000000	1.0000000	1.0000000
##	[1597]	7.0000000	2.0000000	1.0000000	2.0000000	1.0000000	6.0000000
##	[1603]	1.0000000	2.0000000	2.0000000	2.0000000	2.0000000	1.0000000
##	[1609]	1.0000000	5.0000000	1.0000000	1.0000000	5.0000000	2.0000000
##	[1615]	4.0000000	6.0000000	4.0000000	1.0000000	1.0000000	4.0000000
##	[1621]	2.0000000	5.0000000	6.0000000	2.0000000	2.0000000	1.0000000
##	[1627]	2.0000000	1.0000000	1.0000000	2.0000000	1.0000000	2.0000000
##	[1633]	1.0000000	2.0000000	3.0000000	1.0000000	3.0000000	1.0000000
##	[1639]	3.0000000	6.0000000	2.0000000	1.0000000	1.0000000	1.0000000
##	[1645]	3.0000000	1.0000000	2.0000000	3.0000000	4.0000000	2.0000000
##	[1651]	2.0000000	2.0000000	2.0000000	1.0000000	1.0000000	4.0000000
##	[1657]	2.0000000	1.0000000	1.0000000	4.0000000	3.0000000	2.0000000
##	[1663]	2.0000000	2.0000000	3.0000000	1.0000000	1.0000000	6.0000000
##	[1669]	3.0000000	5.0000000	4.0000000	7.0000000	1.0000000	3.0000000
##	[1675]	3.0000000	3.0000000	2.0000000	3.0000000	2.0000000	4.0000000
##	[1681]	3.0000000	2.0000000	2.0000000	2.0000000	1.0000000	1.0000000
##	[1687]	2.0000000	2.0000000	2.0000000	3.0000000	1.0000000	4.0000000
##	[1693]	3.0000000	1.0000000	3.0000000	1.0000000	1.0000000	1.0000000
##	[1699]	2.0000000	4.0000000	1.0000000	4.0000000	2.0000000	4.0000000
##	[1705]	2.0000000	1.0000000	3.0000000	1.0000000	5.0000000	3.0000000
##	[1711]	7.0000000	1.0000000	2.0000000	1.0000000	4.0000000	1.0000000
##	[1717]	5.0000000	1.0000000	2.0000000	2.0000000	3.0000000	2.0000000
##	[1723]	3.0000000	1.0000000	6.0000000	3.0000000	1.0000000	1.0000000
##	[1729]	2.0000000	2.0000000	1.0000000	2.0000000	1.0000000	9.0000000
##	[1735]	1.0000000	1.0000000	2.0000000	1.0000000	1.0000000	2.0000000
##	[1741]	1.0000000	3.0000000	2.0000000	1.0000000	1.0000000	2.0000000
##	[1747]	2.0000000	1.0000000	2.0000000	1.0000000	1.0000000	2.0000000
##	[1753]	2.0000000	4.0000000	2.0000000	1.0000000	10.0000000	2.0000000
##	[1759]	7.0000000	2.0000000	1.0000000	3.0000000	1.0000000	2.0000000
##	[1765]	2.0000000	1.0000000	1.0000000	4.0000000	1.0000000	1.0000000
##	[1771]	1.0000000	4.0000000	2.0000000	1.0000000	1.0000000	4.0000000
##	[1777]	1.0000000	2.0000000	2.0000000	2.0000000	1.0000000	1.0000000
##	[1783]	2.0000000	1.0000000	2.0000000	2.0000000	5.0000000	1.0000000
##	[1789]	3.0000000	3.0000000	5.0000000	1.0000000	1.0000000	2.0000000
##	[1795]	4.0000000	9.0000000	1.0000000	4.0000000	1.0000000	2.0000000
##	[1801]	5.0000000	2.0000000	7.0000000	2.0000000	3.0000000	2.0000000
##	[1807]	2.0000000	1.0000000	3.0000000	1.0000000	12.0000000	4.0000000
##	[1813]	9.0000000	3.0000000	1.0000000	3.0000000	1.0000000	2.0000000
##	[1819]	1.0000000	3.0000000	1.0000000	1.0000000	1.0000000	2.0000000
##	[1825]	1.0000000	4.0000000	2.0000000	2.0000000	4.0000000	1.0000000
##	[1831]	5.0000000	1.0000000	1.0000000	2.0000000	2.0000000	2.0000000

##	[1837]	4.0000000	5.0000000	2.0000000	3.0000000	4.0000000	1.0000000
##	[1843]	1.0000000	2.0000000	2.0000000	2.0000000	2.0000000	1.0000000
##	[1849]	4.0000000	7.0000000	1.0000000	3.0000000	2.0000000	5.0000000
##	[1855]	1.0000000	3.0000000	2.0000000	1.0000000	1.0000000	3.0000000
##	[1861]	2.0000000	6.0000000	2.0000000	4.0000000	2.0000000	6.0000000
##	[1867]	4.0000000	1.0000000	6.0000000	1.0000000	1.0000000	2.0000000
##	[1873]	3.0000000	1.0000000	1.0000000	1.0000000	1.0000000	2.0000000
##	[1879]	2.0000000	2.0000000	5.0000000	4.0000000	1.0000000	2.0000000
##	[1885]	3.0000000	2.0000000	1.0000000	4.0000000	2.0000000	1.0000000
##	[1891]	1.0000000	2.0000000	1.0000000	4.0000000	4.0000000	3.0000000
##	[1897]	1.0000000	2.0000000	2.0000000	1.0000000	1.0000000	6.0000000
##	[1903]	2.0000000	13.0000000	5.0000000	1.0000000	3.0000000	3.0000000
##	[1909]	2.0000000	2.0000000	2.0000000	2.0000000	4.0000000	1.0000000
##	[1915]	4.0000000	2.0000000	1.0000000	1.0000000	3.0000000	2.0000000
##	[1921]	1.0000000	9.0000000	1.0000000	3.0000000	1.0000000	3.0000000
##	[1927]	5.0000000	3.0000000	2.0000000	1.0000000	2.0000000	1.0000000
##	[1933]	3.0000000	1.0000000	4.0000000	1.0000000	6.0000000	3.0000000
##	[1939]	1.0000000	3.0000000	1.0000000	2.0000000	4.0000000	3.0000000
##	[1945]	1.0000000	2.0000000	1.0000000	1.0000000	2.0000000	3.0000000
##	[1951]	2.0000000	1.0000000	3.0000000	1.0000000	1.0000000	1.0000000
##	[1957]	2.0000000	6.0000000	9.0000000	3.0000000	2.0000000	3.0000000
##	[1963]	2.0000000	2.0000000	2.0000000	1.0000000	1.0000000	1.0000000
##	[1969]	3.0000000	1.0000000	2.0000000	5.0000000	1.0000000	1.0000000
##	[1975]	4.0000000	1.0000000	1.0000000	2.0000000	1.0000000	3.0000000
##	[1981]	4.0000000	8.0000000	4.0000000	1.0000000	1.0000000	1.0000000
##	[1987]	1.0000000	4.0000000	2.0000000	3.0000000	1.0000000	2.0000000
##	[1993]	2.0000000	2.0000000	3.0000000	2.0000000	2.0000000	4.0000000
##	[1999]	1.0000000	1.0000000	1.0000000	1.0000000	5.0000000	5.0000000
##	[2005]	1.0000000	2.0000000	2.0000000	2.0000000	2.0000000	2.0000000
##	[2011]	5.0000000	9.0000000	1.0000000	2.0000000	2.0000000	1.0000000
##	[2017]	3.0000000	9.0000000	10.0000000	2.0000000	2.0000000	2.0000000
##	[2023]	1.0000000	1.0000000	1.0000000	2.0000000	4.0000000	1.0000000
##	[2029]	6.0000000	4.0000000	4.0000000	3.0000000	1.0000000	4.0000000
##	[2035]	5.0000000	1.0000000	1.0000000	1.0000000	2.0000000	1.0000000
##	[2041]	2.0000000	6.0000000	1.0000000	3.0000000	2.0000000	1.0000000
##	[2047]	1.0000000	2.0000000	5.0000000	2.0000000	2.0000000	6.0000000
##	[2053]	2.0000000	1.0000000	1.0000000	3.0000000	6.0000000	1.0000000
##	[2059]	1.0000000	2.0000000	4.0000000	1.0000000	2.0000000	2.0000000
##	[2065]	4.0000000	1.0000000	1.0000000	1.0000000	6.0000000	2.0000000
##	[2071]	2.0000000	4.0000000	2.0000000	5.0000000	6.0000000	1.0000000
##	[2077]	2.0000000	1.0000000	4.0000000	8.0000000	2.0000000	1.0000000
##	[2083]	1.0000000	5.0000000	1.0000000	8.0000000	2.0000000	1.0000000
##	[2089]	2.0000000	2.0000000	4.0000000	2.0000000	2.0000000	4.0000000
##	[2095]	3.0000000	1.0000000	2.0000000	2.0000000	1.0000000	5.0000000
##	[2101]	3.0000000	3.0000000	2.0000000	2.0000000	1.0000000	1.0000000
##	[2107]	3.0000000	2.0000000	1.0000000	3.0000000	2.0000000	1.0000000
##	[2113]	2.0000000	4.0000000	1.0000000	1.0000000	1.0000000	2.0000000
##	[2119]	2.0000000	2.0000000	3.0000000	1.0000000	5.0000000	3.0000000
##	[2125]	1.0000000	4.0000000	1.0000000	1.0000000	4.0000000	2.0000000
##	[2131]	2.0000000	3.0000000	4.0000000	2.0000000	4.0000000	4.0000000
##	[2137]	1.0000000	6.0000000	2.0000000	1.0000000	3.0000000	2.0000000
##	[2143]	1.0000000	2.0000000	2.0000000	2.0000000	1.0000000	2.0000000
##	[2149]	2.0000000	4.0000000	4.0000000	1.0000000	1.0000000	1.0000000
##	[2155]	1.0000000	7.0000000	8.0000000	1.0000000	4.0000000	5.0000000

##	[2161]	2.0000000	1.0000000	2.0000000	3.0000000	3.0000000	1.0000000
##	[2167]	2.0000000	2.0000000	2.0000000	5.0000000	2.0000000	1.0000000
##	[2173]	5.0000000	2.0000000	2.0000000	4.0000000	5.0000000	5.0000000
##	[2179]	4.0000000	1.0000000	1.0000000	3.0000000	6.0000000	3.0000000
##	[2185]	2.0000000	1.0000000	2.0000000	1.0000000	1.0000000	1.0000000
##	[2191]	1.0000000	1.0000000	1.0000000	3.0000000	1.0000000	5.0000000
##	[2197]	1.0000000	3.0000000	4.0000000	2.0000000	1.0000000	6.0000000
##	[2203]	2.0000000	2.0000000	3.0000000	1.0000000	2.0000000	1.0000000
##	[2209]	1.0000000	1.0000000	2.0000000	7.0000000	1.0000000	1.0000000
##	[2215]	2.0000000	1.0000000	2.0000000	2.0000000	4.0000000	1.0000000
##	[2221]	1.0000000	5.0000000	1.0000000	1.0000000	2.0000000	2.0000000
##	[2227]	5.0000000	1.0000000	1.0000000	1.0000000	2.0000000	3.0000000
##	[2233]	1.0000000	2.0000000	1.0000000	5.0000000	7.0000000	2.0000000
##	[2239]	5.0000000	2.0000000	3.0000000	3.0000000	1.0000000	3.0000000
##	[2245]	6.0000000	2.0000000	3.0000000	3.0000000	1.0000000	4.0000000
##	[2251]	1.0000000	2.0000000	2.0000000	6.0000000	3.0000000	4.0000000
##	[2257]	4.0000000	2.0000000	3.0000000	3.0000000	3.0000000	2.0000000
##	[2263]	5.0000000	7.0000000	4.0000000	4.0000000	7.0000000	3.0000000
##	[2269]	2.0000000	3.0000000	1.0000000	1.0000000	5.0000000	1.0000000
##	[2275]	2.0000000	1.0000000	2.0000000	3.0000000	2.0000000	1.0000000
##	[2281]	5.0000000	1.0000000	1.0000000	1.0000000	2.0000000	3.0000000
##	[2287]	3.0000000	1.0000000	1.0000000	4.0000000	6.0000000	4.0000000
##	[2293]	3.0000000	1.0000000	6.0000000	1.0000000	2.0000000	1.0000000
##	[2299]	3.0000000	3.0000000	2.0000000	3.0000000	1.0000000	1.0000000
##	[2305]	4.0000000	1.0000000	3.0000000	1.0000000	3.0000000	1.0000000
##	[2311]	2.0000000	3.0000000	6.0000000	1.0000000	7.0000000	1.0000000
##	[2317]	3.0000000	1.0000000	2.0000000	1.0000000	3.0000000	3.0000000
##	[2323]	3.0000000	3.0000000	1.0000000	1.0000000	2.0000000	1.0000000
##	[2329]	2.0000000	1.0000000	6.0000000	4.0000000	2.0000000	4.0000000
##	[2335]	3.0000000	1.0000000	2.0000000	2.0000000	5.0000000	2.0000000
##	[2341]	6.0000000	2.0000000	4.0000000	1.0000000	2.0000000	1.0000000
##	[2347]	1.0000000	1.0000000	5.0000000	1.0000000	5.0000000	2.0000000
##	[2353]	1.0000000	3.0000000	1.0000000	2.0000000	3.0000000	1.0000000
##	[2359]	1.0000000	1.0000000	1.0000000	1.0000000	2.0000000	6.0000000
##	[2365]	2.0000000	1.0000000	1.0000000	4.0000000	1.0000000	3.0000000
##	[2371]	5.0000000	2.0000000	3.0000000	2.0000000	3.0000000	2.0000000
##	[2377]	5.0000000	2.0000000	1.0000000	4.0000000	3.0000000	1.0000000
##	[2383]	2.0000000	2.0000000	2.0000000	2.0000000	2.0000000	2.0000000
##	[2389]	2.0000000	4.0000000	1.0000000	3.0000000	4.0000000	1.0000000
##	[2395]	4.0000000	7.0000000	1.0000000	6.0000000	1.0000000	2.0000000
##	[2401]	6.0000000	1.0000000	2.0000000	2.0000000	3.0000000	5.0000000
##	[2407]	3.0000000	3.0000000	1.0000000	1.0000000	2.0000000	2.0000000
##	[2413]	1.0000000	1.0000000	1.0000000	5.0000000	3.0000000	1.0000000
##	[2419]	4.0000000	2.0000000	2.0000000	1.0000000	3.0000000	6.0000000
##	[2425]	3.0000000	2.0000000	10.0000000	3.0000000	2.0000000	1.0000000
##	[2431]	1.0000000	1.0000000	1.0000000	2.0000000	3.0000000	2.0000000
##	[2437]	1.0000000	4.0000000	3.0000000	1.0000000	2.0000000	1.0000000
##	[2443]	3.0000000	1.0000000	2.0000000	1.0000000	3.0000000	2.0000000
##	[2449]	3.0000000	3.0000000	1.0000000	1.0000000	1.0000000	1.0000000
##	[2455]	6.0000000	1.0000000	3.0000000	1.0000000	4.0000000	2.0000000
##	[2461]	4.0000000	2.0000000	2.0000000	3.0000000	4.0000000	1.0000000
##	[2467]	2.0000000	3.0000000	4.0000000	1.0000000	1.0000000	2.0000000
##	[2473]	2.0000000	1.0000000	1.0000000	2.0000000	1.0000000	2.0000000
##	[2479]	5.0000000	2.0000000	2.0000000	2.0000000	3.0000000	5.0000000

```
## [2485] 3.0000000 4.0000000 1.0000000 2.0000000 2.0000000 6.0000000
## [2491] 4.0000000 1.0000000 1.0000000 4.0000000 2.0000000 1.0000000
## [2497] 3.0000000 1.0000000 1.0000000 8.0000000 2.0000000 2.0000000
## [2503] 4.0000000 4.0000000 10.0000000 4.0000000 3.0000000 3.0000000
## [2509] 6.0000000 3.0000000 4.0000000 1.0000000 2.0000000 1.0000000
## [2515] 2.0000000 4.0000000 1.0000000 1.0000000 1.0000000 2.0000000
## [2521] 2.0000000 2.0000000 2.0000000 1.0000000 1.0000000 2.0000000
## [2527] 1.0000000 1.0000000 4.0000000 2.0000000 2.0000000 2.0000000
## [2533] 2.0000000 1.0000000 1.0000000 2.0000000 2.0000000 2.0000000
## [2539] 3.0000000 4.0000000 1.0000000 2.0000000 5.0000000 7.0000000
## [2545] 2.0000000 2.0000000 4.0000000 5.0000000 4.0000000 3.0000000
## [2551] 1.0000000 1.0000000 3.0000000 3.0000000 3.0000000 3.0000000
## [2557] 1.0000000 1.0000000 3.0000000 2.0000000 1.0000000 1.0000000
## [2563] 1.0000000 1.0000000 1.0000000 1.0000000 6.0000000 2.0000000
## [2569] 1.0000000 1.0000000 4.0000000 3.0000000 3.0000000 6.0000000
## [2575] 2.0000000 1.0000000 1.0000000 4.0000000 1.0000000 1.0000000
## [2581] 2.0000000 1.0000000 4.0000000 2.0000000 2.0000000 9.0000000
## [2587] 1.0000000 2.0000000 3.0000000 2.0000000 2.0000000 3.0000000
## [2593] 1.0000000 2.0000000 3.0000000 10.0000000 2.0000000 1.0000000
## [2599] 3.0000000 4.0000000 1.0000000 3.0000000 2.0000000 2.0000000
## [2605] 12.0000000 2.0000000 3.0000000 3.0000000 2.0000000 6.0000000
## [2611] 4.0000000 1.0000000 9.0000000 3.0000000 1.0000000 4.0000000
## [2617] 2.0000000 8.0000000 2.0000000 2.0000000 3.0000000 2.0000000
## [2623] 6.0000000 3.0000000 4.0000000 1.0000000 1.0000000 1.0000000
## [2629] 2.0000000 1.0000000 3.0000000 3.0000000 3.0000000 2.0000000
## [2635] 6.0000000 2.0000000 3.0000000 3.0000000 2.0000000 1.0000000
## [2641] 3.0000000 1.0000000
```

```
boxplot.stats(data1$Informational_Duration)$out
```

```
## [1] -1.000000 -1.000000 -1.000000 -1.000000 -1.000000 -1.000000
## [7] -1.000000 -1.000000 120.000000 -1.000000 16.000000 94.000000
## [13] 93.000000 75.000000 -1.000000 -1.000000 19.000000 22.000000
## [19] -1.000000 -1.000000 1210.397619 153.000000 48.500000 51.000000
## [25] 3.000000 144.000000 125.000000 127.000000 261.000000 306.333333
## [31] 84.000000 740.000000 303.250000 21.500000 1220.000000 235.000000
## [37] 100.000000 -1.000000 64.000000 47.000000 205.000000 70.000000
## [43] 14.333333 24.000000 40.000000 136.000000 116.000000 929.000000
## [49] 18.000000 155.500000 9.000000 1165.166667 60.000000 -1.000000
## [55] 528.000000 28.000000 654.333333 246.000000 142.000000 18.500000
## [61] 39.000000 629.000000 267.500000 4.000000 132.000000 57.000000
## [67] 14.000000 148.500000 954.000000 762.500000 60.000000 449.333333
## [73] 71.000000 212.500000 -1.000000 1411.000000 -1.000000 447.000000
## [79] 125.000000 28.500000 90.000000 -1.000000 18.000000 245.000000
## [85] 15.000000 -1.000000 125.095238 103.000000 404.000000 147.866667
## [91] 263.000000 41.000000 53.000000 148.500000 126.000000 41.000000
## [97] 371.000000 -1.000000 77.000000 395.000000 4.000000 54.000000
## [103] 41.000000 40.666667 399.333333 345.000000 23.000000 29.500000
## [109] 75.250000 116.000000 122.000000 844.000000 407.000000 60.500000
## [115] 81.000000 329.500000 70.000000 24.000000 162.000000 298.000000
## [121] 357.000000 235.550000 30.000000 104.000000 17.000000 88.000000
## [127] 51.000000 321.666667 26.000000 336.500000 76.500000 50.000000
## [133] 13.000000 20.000000 1467.000000 13.000000 450.000000 26.000000
## [139] 384.000000 90.000000 74.750000 102.000000 109.750000 47.000000
```

##	[145]	229.000000	84.500000	243.500000	389.366667	75.500000	158.000000
##	[151]	32.000000	44.500000	92.000000	81.333333	64.000000	32.500000
##	[157]	242.055556	52.250000	369.000000	3.000000	123.333333	281.500000
##	[163]	710.000000	125.500000	87.000000	61.000000	63.000000	34.506387
##	[169]	94.500000	36.333333	45.000000	237.000000	138.500000	56.000000
##	[175]	29.000000	26.000000	8.000000	171.500000	61.000000	14.000000
##	[181]	300.000000	127.000000	34.506387	34.506387	34.506387	34.506387
##	[187]	278.000000	37.000000	41.000000	62.000000	42.000000	17.666667
##	[193]	24.000000	219.000000	388.666667	109.000000	445.000000	338.000000
##	[199]	80.500000	53.000000	35.000000	56.000000	105.666667	308.000000
##	[205]	33.000000	32.000000	55.000000	73.000000	28.000000	209.000000
##	[211]	7.000000	58.000000	46.000000	21.000000	83.000000	373.000000
##	[217]	139.000000	101.000000	141.000000	186.000000	416.000000	23.500000
##	[223]	9.500000	16.000000	845.000000	255.000000	208.500000	41.000000
##	[229]	20.500000	67.000000	100.000000	291.500000	105.000000	70.000000
##	[235]	7.000000	60.500000	34.000000	58.166667	34.506387	34.506387
##	[241]	34.506387	34.506387	21.000000	62.000000	625.500000	278.166667
##	[247]	239.000000	319.300000	65.000000	17.000000	52.333333	853.750000
##	[253]	222.000000	123.500000	12.000000	1146.666667	11.000000	108.000000
##	[259]	92.000000	239.000000	261.633333	65.000000	9.000000	132.000000
##	[265]	201.000000	40.000000	292.684211	78.000000	562.000000	907.833333
##	[271]	609.000000	571.500000	57.000000	1.000000	270.333333	3.000000
##	[277]	55.000000	284.000000	29.500000	775.500000	11.000000	265.000000
##	[283]	44.000000	41.500000	193.000000	56.000000	279.500000	146.000000
##	[289]	7.000000	869.000000	49.000000	90.000000	18.000000	111.000000
##	[295]	451.500000	148.500000	100.250000	88.583333	119.000000	168.833333
##	[301]	175.500000	25.000000	164.000000	32.000000	55.000000	2.000000
##	[307]	172.000000	35.000000	77.000000	65.500000	5.500000	64.000000
##	[313]	62.000000	89.333333	9.000000	72.833333	26.000000	250.666667
##	[319]	403.000000	166.000000	117.285714	419.000000	205.000000	156.000000
##	[325]	13.500000	57.000000	48.000000	241.500000	58.000000	199.000000
##	[331]	172.000000	419.000000	101.000000	29.666667	353.333333	54.000000
##	[337]	263.000000	34.506387	34.506387	70.500000	135.500000	604.800000
##	[343]	-1.000000	-1.000000	-1.000000	46.666667	91.000000	415.000000
##	[349]	97.000000	118.000000	56.000000	24.000000	865.000000	39.000000
##	[355]	144.500000	9.000000	89.500000	30.000000	300.900000	18.000000
##	[361]	262.000000	108.000000	162.000000	51.000000	80.000000	115.000000
##	[367]	470.000000	8.000000	75.000000	58.952381	394.000000	12.000000
##	[373]	56.000000	213.000000	191.000000	163.000000	188.000000	25.000000
##	[379]	360.000000	48.000000	243.000000	17.000000	66.000000	49.500000
##	[385]	236.000000	97.000000	227.250000	451.500000	246.333333	416.000000
##	[391]	51.000000	81.000000	1636.000000	16.000000	606.750000	261.833333
##	[397]	66.000000	308.000000	15.000000	257.000000	298.000000	161.000000
##	[403]	33.000000	281.500000	48.000000	132.833333	32.000000	56.500000
##	[409]	16.000000	88.000000	545.000000	57.000000	26.000000	89.000000
##	[415]	144.500000	186.000000	404.583333	28.000000	52.000000	472.000000
##	[421]	37.000000	39.666667	499.000000	346.166667	108.000000	58.000000
##	[427]	66.000000	125.000000	4.000000	10.666667	64.000000	39.000000
##	[433]	52.000000	115.000000	21.000000	172.000000	3.000000	31.000000
##	[439]	12.000000	80.000000	62.000000	106.000000	10.000000	30.000000
##	[445]	506.000000	154.000000	724.000000	16.000000	30.000000	32.000000
##	[451]	52.000000	140.000000	269.500000	6.000000	28.000000	17.333333
##	[457]	112.000000	10.000000	146.000000	382.333333	189.000000	124.000000
##	[463]	27.500000	140.000000	14.000000	12.000000	72.000000	141.166667

##	[469]	113.000000	246.000000	114.000000	166.000000	584.000000	168.500000
##	[475]	173.000000	45.000000	97.000000	34.506387	282.000000	2.000000
##	[481]	55.000000	42.000000	63.000000	125.000000	135.000000	8.000000
##	[487]	165.000000	25.000000	189.500000	424.500000	1307.000000	37.000000
##	[493]	81.500000	147.166667	3.500000	83.000000	39.000000	120.000000
##	[499]	16.000000	913.000000	15.000000	9.000000	31.000000	44.000000
##	[505]	149.000000	9.000000	47.000000	448.500000	10.000000	36.333333
##	[511]	118.000000	61.000000	13.000000	406.000000	10.166667	9.500000
##	[517]	27.000000	646.000000	15.000000	32.000000	26.666667	77.000000
##	[523]	459.000000	10.000000	12.000000	102.000000	18.000000	18.000000
##	[529]	163.000000	196.000000	33.000000	20.000000	55.000000	59.500000
##	[535]	537.000000	10.000000	20.000000	88.000000	15.000000	193.250000
##	[541]	76.000000	33.000000	34.000000	1360.000000	46.666667	216.000000
##	[547]	900.500000	13.000000	9.000000	214.500000	196.000000	78.000000
##	[553]	909.000000	62.500000	107.000000	104.500000	91.000000	93.666667
##	[559]	10.500000	38.500000	33.000000	69.000000	48.500000	808.500000
##	[565]	255.500000	1.000000	108.000000	68.000000	1.500000	84.000000
##	[571]	11.000000	111.500000	86.000000	85.000000	134.000000	15.000000
##	[577]	15.000000	181.722222	58.000000	9.000000	7.000000	21.500000
##	[583]	341.333333	249.000000	27.000000	292.000000	12.000000	327.000000
##	[589]	19.000000	20.000000	10.000000	23.000000	243.000000	122.000000
##	[595]	232.000000	221.000000	75.000000	56.000000	23.000000	559.000000
##	[601]	4.000000	120.666667	29.000000	171.000000	16.000000	17.000000
##	[607]	29.500000	29.000000	314.000000	153.000000	76.000000	416.000000
##	[613]	85.000000	1779.166667	109.000000	134.333333	75.000000	3.000000
##	[619]	88.000000	17.000000	15.000000	323.000000	37.500000	101.500000
##	[625]	53.000000	166.000000	86.000000	41.000000	39.000000	313.000000
##	[631]	246.000000	7.000000	348.000000	17.000000	1131.000000	335.000000
##	[637]	15.000000	2.500000	55.000000	104.000000	140.833333	20.000000
##	[643]	16.000000	201.000000	51.000000	16.000000	37.500000	17.000000
##	[649]	27.000000	25.000000	58.000000	42.000000	87.000000	176.000000
##	[655]	37.000000	222.000000	16.000000	134.000000	13.000000	13.000000
##	[661]	47.666667	54.000000	500.000000	161.500000	9.307692	231.700000
##	[667]	61.000000	313.000000	29.500000	60.000000	13.000000	29.000000
##	[673]	109.000000	6.000000	707.500000	49.000000	258.000000	222.000000
##	[679]	21.000000	31.000000	74.000000	120.000000	64.000000	482.333333
##	[685]	20.000000	18.000000	4.000000	148.000000	82.000000	417.000000
##	[691]	22.000000	194.000000	56.000000	9.000000	320.500000	12.000000
##	[697]	22.000000	24.000000	114.500000	215.000000	1222.750000	39.000000
##	[703]	3.000000	40.000000	298.666667	618.000000	41.000000	151.000000
##	[709]	30.666667	53.000000	514.000000	460.000000	11.000000	60.000000
##	[715]	218.000000	53.000000	12.000000	2.000000	42.000000	29.000000
##	[721]	11.500000	160.500000	2.000000	37.000000	31.000000	1258.833333
##	[727]	26.000000	56.000000	309.000000	27.000000	57.000000	1778.000000
##	[733]	27.000000	10.000000	47.000000	41.000000	666.783333	151.666667
##	[739]	6.000000	373.000000	42.000000	40.000000	61.000000	104.000000
##	[745]	689.833333	53.000000	163.666667	21.000000	136.750000	872.000000
##	[751]	129.000000	23.000000	985.419048	1150.000000	83.500000	6.000000
##	[757]	12.000000	330.000000	33.000000	331.750000	93.000000	6.000000
##	[763]	21.000000	516.000000	23.000000	5.000000	53.500000	1.000000
##	[769]	22.000000	27.000000	93.000000	99.000000	21.000000	9.000000
##	[775]	600.000000	23.000000	848.416667	39.000000	102.000000	43.666667
##	[781]	69.000000	14.000000	126.000000	272.500000	70.000000	55.500000
##	[787]	376.333333	37.000000	17.000000	26.000000	10.000000	56.000000

##	[793]	108.000000	51.000000	35.000000	10.000000	14.000000	146.000000
##	[799]	26.750000	25.500000	14.000000	23.000000	131.000000	236.000000
##	[805]	17.000000	153.500000	51.000000	515.000000	4.000000	116.000000
##	[811]	22.500000	47.000000	2.000000	6.000000	104.000000	5.000000
##	[817]	89.000000	17.000000	13.000000	36.000000	35.000000	13.000000
##	[823]	146.000000	72.000000	43.000000	7.000000	474.500000	391.000000
##	[829]	370.875000	25.000000	-1.000000	100.000000	489.600000	95.000000
##	[835]	101.000000	57.000000	10.000000	7.000000	84.000000	7.000000
##	[841]	36.000000	92.500000	157.000000	86.000000	75.666667	85.000000
##	[847]	92.000000	18.000000	5.000000	1439.000000	31.000000	9.000000
##	[853]	64.000000	72.500000	-1.000000	243.000000	3.000000	315.000000
##	[859]	529.700000	28.000000	38.000000	135.500000	503.250000	39.000000
##	[865]	725.500000	13.000000	14.000000	58.500000	23.000000	36.000000
##	[871]	38.000000	18.000000	55.000000	869.000000	262.750000	23.500000
##	[877]	393.325000	103.166667	32.000000	19.000000	24.000000	263.666667
##	[883]	7.000000	71.000000	17.000000	27.000000	62.333333	61.500000
##	[889]	144.000000	82.000000	5.000000	8.000000	113.000000	37.400000
##	[895]	24.000000	163.000000	-1.000000	-1.000000	7.000000	-1.000000
##	[901]	-1.000000	68.000000	178.000000	96.333333	37.000000	10.000000
##	[907]	2050.433333	241.000000	101.000000	377.000000	373.500000	33.000000
##	[913]	55.500000	72.000000	31.000000	40.000000	1005.000000	23.000000
##	[919]	94.000000	23.000000	172.000000	219.000000	261.000000	41.000000
##	[925]	28.000000	48.000000	86.000000	11.000000	18.000000	34.000000
##	[931]	83.000000	187.000000	16.500000	302.000000	29.000000	282.000000
##	[937]	19.000000	226.000000	94.000000	15.000000	4.000000	11.000000
##	[943]	99.500000	172.000000	110.000000	25.000000	157.000000	8.000000
##	[949]	194.500000	202.500000	34.000000	214.166667	48.000000	61.000000
##	[955]	285.000000	31.000000	46.000000	126.000000	2.000000	20.000000
##	[961]	35.000000	493.500000	116.000000	79.000000	120.800000	80.600000
##	[967]	332.080000	2.000000	102.800000	204.346667	2195.300000	1093.300000
##	[973]	3.000000	42.200000	14.200000	88.600000	269.800000	9.000000
##	[979]	33.200000	306.100000	31.200000	657.833333	191.866667	28.200000
##	[985]	69.600000	118.100000	45.266667	199.100000	152.200000	144.000000
##	[991]	95.650000	38.200000	90.200000	225.766667	204.000000	99.600000
##	[997]	377.433333	387.500000	28.700000	8.000000	141.000000	6.000000
##	[1003]	38.200000	322.400000	303.200000	52.000000	4.000000	383.800000
##	[1009]	86.600000	23.000000	6.000000	10.066667	353.400000	69.600000
##	[1015]	11.000000	54.400000	842.300000	80.600000	426.200000	52.400000
##	[1021]	36.200000	6.000000	535.000000	7.600000	8.000000	32.200000
##	[1027]	294.600000	44.000000	50.200000	102.750000	13.000000	37.200000
##	[1033]	36.600000	97.800000	7.000000	433.100000	106.800000	15.100000
##	[1039]	10.000000	432.200000	19.200000	42.400000	52.400000	169.200000
##	[1045]	70.500000	34.400000	1511.700000	204.400000	6.000000	295.400000
##	[1051]	21.200000	26.700000	65.400000	206.100000	25.200000	165.666667
##	[1057]	16.200000	22.200000	21.200000	38.300000	923.900000	201.400000
##	[1063]	44.000000	678.000000	16.200000	378.800000	439.200000	2252.033333
##	[1069]	168.200000	28.200000	25.200000	110.866667	69.600000	89.100000
##	[1075]	133.000000	1657.300000	1005.400000	353.966667	103.800000	297.833333
##	[1081]	793.800000	76.600000	100.800000	115.800000	17.720000	140.500000
##	[1087]	101.700000	541.000000	148.000000	475.200000	35.700000	11.000000
##	[1093]	53.200000	99.800000	225.366667	52.400000	434.300000	189.300000
##	[1099]	63.400000	15.000000	652.800000	59.400000	14.200000	64.400000
##	[1105]	1009.733333	216.566667	63.100000	43.200000	66.400000	246.800000
##	[1111]	12.000000	274.000000	108.000000	11.500000	13.400000	35.200000

##	[1117]	223.150000	173.200000	16.600000	322.400000	380.700000	160.400000
##	[1123]	-1.000000	14.800000	316.000000	239.800000	20.000000	245.800000
##	[1129]	153.000000	183.266667	297.200000	84.800000	11.000000	179.500000
##	[1135]	112.600000	18.400000	15.000000	466.400000	32.200000	226.000000
##	[1141]	235.600000	135.000000	430.200000	722.900000	382.400000	6.000000
##	[1147]	6.500000	42.400000	69.000000	18.200000	229.800000	1655.400000
##	[1153]	38.200000	42.400000	43.400000	468.400000	44.400000	29.200000
##	[1159]	10.000000	348.600000	1529.200000	28.400000	26.200000	31.200000
##	[1165]	112.800000	211.600000	44.400000	251.800000	6.000000	14.000000
##	[1171]	53.000000	27.600000	560.000000	100.200000	28.200000	5.000000
##	[1177]	379.000000	91.200000	812.000000	34.300000	5.500000	212.800000
##	[1183]	186.500000	39.400000	12.500000	239.200000	72.600000	12.000000
##	[1189]	37.300000	67.400000	733.800000	69.400000	31.200000	97.640000
##	[1195]	17.200000	244.300000	85.140000	6.000000	96.800000	6.000000
##	[1201]	108.300000	141.880000	105.133333	94.800000	260.000000	790.006667
##	[1207]	28.200000	51.400000	4.000000	105.800000	299.033333	173.540000
##	[1213]	144.200000	13.100000	11.400000	16.133333	148.100000	40.800000
##	[1219]	49.400000	103.800000	14.200000	131.000000	92.333333	594.133333
##	[1225]	7.000000	98.800000	1236.200000	194.400000	365.966667	8.100000
##	[1231]	341.600000	622.400000	53.400000	385.800000	24.700000	380.957143
##	[1237]	189.400000	245.171429	99.600000	113.800000	49.300000	30.200000
##	[1243]	14.200000	2.000000	152.200000	48.300000	146.000000	141.000000
##	[1249]	41.200000	66.133333	62.600000	232.733333	137.000000	7.000000
##	[1255]	7.000000	186.233333	629.514286	93.600000	183.800000	18.200000
##	[1261]	92.300000	99.800000	56.900000	64.400000	256.066667	438.700000
##	[1267]	291.200000	108.800000	36.200000	174.700000	249.800000	20.200000
##	[1273]	31.700000	101.800000	22.200000	477.600000	696.200000	87.600000
##	[1279]	8.000000	218.650000	11.000000	70.600000	92.700000	114.200000
##	[1285]	89.533333	34.200000	28.200000	5.000000	48.300000	69.400000
##	[1291]	6.000000	321.400000	608.450000	47.400000	34.800000	21.200000
##	[1297]	801.800000	22.133333	56.400000	29.200000	276.000000	322.800000
##	[1303]	106.800000	9.000000	62.400000	68.400000	15.200000	137.816667
##	[1309]	47.640000	136.171429	29.200000	161.966667	23.533333	2.000000
##	[1315]	53.400000	26.100000	195.400000	924.000000	256.750000	14.600000
##	[1321]	6.000000	5.000000	358.600000	44.400000	21.600000	12.000000
##	[1327]	270.600000	99.700000	4.000000	129.000000	9.000000	241.700000
##	[1333]	181.950000	123.000000	6.000000	39.400000	32.700000	177.800000
##	[1339]	269.666667	-1.000000	217.600000	21.200000	108.900000	277.633333
##	[1345]	28.200000	518.800000	26.200000	73.600000	11.000000	230.700000
##	[1351]	24.200000	211.000000	96.200000	100.100000	11.000000	985.483333
##	[1357]	232.800000	31.700000	173.233333	45.800000	13.000000	1109.533333
##	[1363]	201.400000	44.200000	208.600000	3.000000	13.000000	116.800000
##	[1369]	16.200000	43.400000	18.500000	505.600000	80.000000	28.200000
##	[1375]	30.666667	41.200000	81.400000	120.800000	12.000000	145.000000
##	[1381]	124.200000	482.400000	41.600000	108.800000	124.800000	58.400000
##	[1387]	182.200000	109.800000	48.350000	871.400000	54.400000	114.800000
##	[1393]	55.400000	39.200000	71.100000	35.700000	88.900000	99.600000
##	[1399]	102.300000	108.800000	42.400000	40.020000	201.900000	87.700000
##	[1405]	118.800000	134.000000	399.800000	49.733333	30.266667	74.500000
##	[1411]	7.000000	87.600000	42.200000	15.200000	18.000000	124.266667
##	[1417]	42.400000	1021.600000	56.400000	20.600000	124.900000	11.100000
##	[1423]	22.600000	24.200000	27.200000	46.400000	9.000000	141.200000
##	[1429]	62.800000	6.000000	145.166667	199.400000	206.600000	33.300000
##	[1435]	155.566667	72.500000	72.000000	37.200000	23.200000	250.000000

##	[1441]	53.000000	74.600000	199.400000	68.500000	20.000000	111.900000
##	[1447]	6.000000	21.200000	15.200000	9.000000	21.200000	242.800000
##	[1453]	3.000000	34.600000	42.400000	21.800000	22.200000	12.000000
##	[1459]	68.200000	338.400000	18.466667	207.600000	522.166667	194.400000
##	[1465]	55.400000	52.400000	16.200000	36.200000	7.000000	129.750000
##	[1471]	38.900000	61.600000	79.700000	130.760000	24.200000	214.100000
##	[1477]	1312.400000	105.950000	624.600000	12.000000	216.600000	19.200000
##	[1483]	5.000000	16.000000	96.700000	145.600000	277.133333	124.800000
##	[1489]	49.400000	99.800000	42.200000	104.800000	23.200000	191.900000
##	[1495]	309.733333	722.520000	13.000000	256.300000	43.400000	60.300000
##	[1501]	35.200000	15.200000	1665.066667	30.700000	39.680000	19.600000
##	[1507]	406.900000	132.000000	34.200000	493.000000	7.000000	112.600000
##	[1513]	303.650000	32.000000	13.000000	69.600000	276.080000	12.000000
##	[1519]	663.916667	521.979167	38.500000	118.750000	68.500000	7.000000
##	[1525]	38.500000	802.500000	40.000000	26.500000	116.000000	96.000000
##	[1531]	447.500000	197.416667	43.500000	230.166667	-1.000000	56.500000
##	[1537]	258.625000	2549.375000	88.500000	55.500000	21.000000	91.303571
##	[1543]	6.000000	121.000000	788.000000	121.625000	114.500000	55.500000
##	[1549]	57.500000	30.000000	41.500000	62.500000	123.333333	87.000000
##	[1555]	29.500000	343.000000	433.500000	89.000000	102.000000	193.500000
##	[1561]	164.500000	47.000000	12.000000	1343.250000	126.750000	487.000000
##	[1567]	147.500000	330.266667	23.000000	63.500000	14.000000	65.750000
##	[1573]	6.333333	16.000000	9.000000	65.500000	226.000000	91.500000
##	[1579]	150.500000	12.000000	28.500000	28.500000	50.500000	27.750000
##	[1585]	126.500000	75.500000	37.500000	161.500000	45.000000	139.500000
##	[1591]	703.500000	14.000000	36.500000	10.000000	121.000000	102.000000
##	[1597]	93.000000	155.333333	29.000000	167.166667	6.500000	28.500000
##	[1603]	9.000000	43.500000	156.750000	211.000000	254.000000	51.500000
##	[1609]	386.000000	106.000000	31.000000	8.000000	497.833333	20.000000
##	[1615]	11.000000	15.000000	352.500000	23.000000	13.000000	15.750000
##	[1621]	312.000000	144.500000	100.000000	97.000000	3.000000	7.000000
##	[1627]	11.000000	32.750000	627.458333	118.000000	8.000000	89.000000
##	[1633]	80.166667	21.000000	36.250000	15.750000	20.000000	10.000000
##	[1639]	141.500000	139.500000	383.750000	9.000000	30.500000	249.500000
##	[1645]	9.000000	23.000000	86.000000	52.500000	34.250000	15.000000
##	[1651]	961.450000	9.000000	-1.000000	209.000000	11.000000	49.500000
##	[1657]	207.250000	31.000000	24.500000	4.000000	94.875000	24.500000
##	[1663]	18.000000	134.500000	18.000000	64.500000	785.875000	105.000000
##	[1669]	303.000000	115.000000	79.000000	6.000000	546.500000	118.000000
##	[1675]	302.000000	6.000000	192.250000	46.500000	132.666667	97.666667
##	[1681]	188.000000	13.000000	58.500000	37.000000	435.450000	67.500000
##	[1687]	17.000000	763.000000	205.000000	105.000000	243.283333	138.500000
##	[1693]	1830.500000	8.000000	19.000000	11.000000	110.750000	294.000000
##	[1699]	886.250000	808.500000	991.250000	210.666667	74.000000	228.000000
##	[1705]	141.500000	72.125000	3.000000	103.500000	13.833333	29.500000
##	[1711]	5.000000	3.000000	121.500000	312.000000	13.000000	92.166667
##	[1717]	33.750000	143.750000	106.000000	50.833333	69.500000	34.000000
##	[1723]	77.916667	1037.150000	45.750000	189.000000	277.500000	39.500000
##	[1729]	861.000000	63.500000	50.000000	138.000000	89.954545	114.750000
##	[1735]	286.083333	70.500000	39.000000	888.000000	500.800000	14.000000
##	[1741]	89.500000	17.000000	114.000000	32.500000	347.500000	162.500000
##	[1747]	182.166667	99.000000	115.800000	13.000000	114.333333	93.416667
##	[1753]	437.500000	435.250000	20.000000	19.000000	167.142857	54.000000
##	[1759]	691.000000	9.000000	37.500000	13.500000	16.000000	199.000000

##	[1765]	162.666667	14.000000	17.000000	365.250000	418.500000	398.000000
##	[1771]	492.900000	53.500000	18.000000	17.750000	34.000000	138.500000
##	[1777]	285.625000	119.375000	58.500000	23.000000	47.500000	46.500000
##	[1783]	287.500000	248.500000	1949.166667	247.750000	15.000000	72.500000
##	[1789]	111.000000	59.500000	160.000000	8.000000	45.500000	8.000000
##	[1795]	282.000000	7.000000	10.000000	64.500000	43.333333	27.500000
##	[1801]	406.916667	98.666667	1021.666667	103.000000	34.300000	495.500000
##	[1807]	95.000000	107.000000	18.000000	91.000000	1174.000000	38.500000
##	[1813]	4.000000	54.500000	28.500000	1079.833333	16.000000	17.000000
##	[1819]	45.500000	60.500000	166.500000	109.000000	191.333333	40.500000
##	[1825]	260.500000	35.500000	54.500000	41.500000	231.600000	2.000000
##	[1831]	86.750000	181.000000	88.000000	39.666667	205.000000	151.500000
##	[1837]	158.500000	15.000000	147.000000	31.500000	84.000000	32.000000
##	[1843]	65.000000	1729.000000	55.000000	10.000000	39.250000	161.500000
##	[1849]	5.000000	58.500000	103.750000	7.666667	42.000000	8.500000
##	[1855]	26.000000	590.000000	408.500000	909.250000	48.000000	105.000000
##	[1861]	9.000000	337.500000	5.500000	178.500000	137.500000	485.833333
##	[1867]	61.500000	9.000000	447.500000	47.500000	478.916667	35.000000
##	[1873]	14.750000	200.000000	944.750000	4.000000	195.000000	109.750000
##	[1879]	7.000000	52.500000	52.250000	34.500000	23.000000	111.166667
##	[1885]	352.083333	298.000000	16.000000	22.000000	649.250000	312.750000
##	[1891]	266.875000	719.000000	64.500000	33.000000	13.000000	9.000000
##	[1897]	13.000000	46.500000	60.500000	52.000000	11.000000	137.833333
##	[1903]	201.500000	220.250000	584.000000	204.000000	821.000000	17.900000
##	[1909]	115.000000	12.000000	146.666667	40.500000	167.000000	502.750000
##	[1915]	77.000000	50.500000	8.000000	58.500000	66.500000	128.000000
##	[1921]	157.500000	69.500000	130.516667	34.000000	78.000000	588.000000
##	[1927]	1188.500000	59.000000	21.000000	83.500000	1231.000000	79.500000
##	[1933]	84.250000	2.000000	77.958333	28.500000	89.000000	182.800000
##	[1939]	39.500000	242.750000	168.833333	48.500000	759.000000	104.000000
##	[1945]	886.500000	597.583333	10.000000	8.166667	3.000000	219.000000
##	[1951]	696.833333	28.750000	27.000000	19.000000	216.500000	134.500000
##	[1957]	6.000000	78.500000	39.000000	62.500000	49.500000	16.000000
##	[1963]	65.000000	452.083333	15.750000	254.916667	36.500000	207.250000
##	[1969]	4.000000	17.000000	121.250000	288.000000	28.500000	62.750000
##	[1975]	82.000000	24.500000	662.000000	134.000000	17.750000	57.500000
##	[1981]	65.500000	82.000000	65.000000	267.250000	136.500000	430.333333
##	[1987]	17.000000	14.000000	428.547619	29.500000	254.750000	390.000000
##	[1993]	27.000000	47.750000	176.500000	174.000000	208.666667	37.500000
##	[1999]	75.000000	26.500000	41.500000	181.250000	204.250000	92.000000
##	[2005]	1368.000000	21.000000	99.500000	138.666667	52.500000	82.500000
##	[2011]	185.500000	85.000000	59.500000	22.000000	693.500000	1193.125000
##	[2017]	143.250000	1488.000000	255.000000	84.500000	19.000000	94.000000
##	[2023]	12.250000	825.500000	25.750000	4.000000	106.000000	324.500000
##	[2029]	10.000000	1767.666667	280.500000	758.500000	789.125000	2256.916667
##	[2035]	559.083333	5.000000	566.000000	54.000000	131.000000	47.750000
##	[2041]	16.000000	113.000000	9.000000	112.000000	15.000000	5.000000
##	[2047]	30.500000	59.500000	96.500000	9.500000	418.500000	248.166667
##	[2053]	66.500000	298.333333	19.000000	1022.250000	17.000000	7.000000
##	[2059]	1475.250000	8.500000	21.000000	92.000000	59.500000	636.750000
##	[2065]	33.500000	286.666667	4.000000	11.000000	46.500000	14.000000
##	[2071]	480.125000	34.000000	59.000000	759.500000	5.000000	22.000000
##	[2077]	9.000000	170.583333	16.000000	52.500000	10.000000	464.875000
##	[2083]	1039.166667	19.750000	1373.750000	9.000000	124.250000	60.000000

## [2089]	48.500000	83.000000	704.750000	86.000000	51.500000	137.500000
## [2095]	44.000000	230.000000	26.500000	21.000000	360.000000	1024.250000
## [2101]	108.000000	26.500000	162.750000	33.500000	151.250000	1083.000000
## [2107]	585.625000	19.250000	185.750000	115.000000	240.500000	102.250000
## [2113]	258.250000	61.000000	686.000000	8.000000	110.250000	53.833333
## [2119]	51.500000	63.500000	25.166667	278.250000	402.000000	50.500000
## [2125]	4.000000	125.500000	123.500000	9.000000	27.000000	627.750000
## [2131]	8.000000	114.000000	24.000000	160.833333	355.500000	9.000000
## [2137]	135.000000	504.500000	685.250000	34.000000	66.000000	16.000000
## [2143]	60.000000	3.000000	122.500000	32.750000	124.500000	60.500000
## [2149]	61.500000	193.166667	70.250000	665.500000	16.000000	840.583333
## [2155]	88.500000	143.500000	342.500000	19.000000	13.250000	176.000000
## [2161]	56.000000	40.000000	119.500000	112.000000	7.000000	26.500000
## [2167]	44.500000	39.500000	129.125000	191.750000	132.500000	188.000000
## [2173]	67.500000	170.000000	38.250000	39.500000	358.750000	5.000000
## [2179]	141.750000	70.875000	195.000000	880.250000	5.000000	10.000000
## [2185]	118.500000	251.500000	11.000000	284.000000	62.500000	33.750000
## [2191]	46.250000	273.000000	74.000000	71.250000	16.000000	10.000000
## [2197]	234.500000	230.250000	8.000000	35.500000	14.000000	414.500000
## [2203]	161.500000	809.500000	349.000000	164.000000	96.500000	62.250000
## [2209]	501.000000	343.875000	10.000000	47.500000	486.666667	67.500000
## [2215]	60.500000	189.000000	48.500000	139.500000	132.500000	523.750000
## [2221]	29.750000	35.000000	18.000000	122.000000	106.000000	1530.000000
## [2227]	11.000000	360.166667	97.000000	251.666667	23.750000	246.500000
## [2233]	144.000000	619.500000	221.000000	1494.500000	9.000000	271.250000
## [2239]	228.500000	400.375000	23.000000	109.000000	9.500000	117.000000
## [2245]	235.750000	1007.500000	112.250000	620.250000	12.000000	410.500000
## [2251]	321.000000	1043.928571	49.500000	889.500000	902.500000	738.083333
## [2257]	75.250000	21.250000	45.500000	276.250000	5.000000	33.500000
## [2263]	199.500000	264.750000	1073.000000	522.166667	55.500000	82.500000
## [2269]	19.000000	22.000000	10.000000	34.625000	575.000000	79.500000
## [2275]	32.500000	56.500000	10.000000	645.500000	2166.500000	25.500000
## [2281]	303.625000	28.750000	115.250000	310.500000	31.000000	26.000000
## [2287]	7.000000	27.000000	154.833333	3.000000	1652.000000	273.500000
## [2293]	364.916667	14.000000	26.500000	69.500000	8.000000	19.500000
## [2299]	88.725000	248.750000	18.000000	75.500000	183.000000	138.750000
## [2305]	66.875000	264.100000	67.500000	11.000000	148.500000	28.000000
## [2311]	292.000000	333.833333	6.000000	14.000000	68.500000	13.000000
## [2317]	5.000000	82.000000	6.000000	98.000000	368.154762	65.500000
## [2323]	199.000000	220.000000	376.500000	505.166667	218.250000	407.000000
## [2329]	56.500000	191.583333	68.750000	29.500000	139.750000	16.000000
## [2335]	6.000000	222.000000	32.500000	7.000000	40.000000	94.166667
## [2341]	43.500000	12.000000	20.000000	30.500000	47.500000	285.000000
## [2347]	117.250000	27.000000	54.916667	193.000000	152.500000	19.000000
## [2353]	56.500000	51.000000	190.416667	168.375000	256.500000	12.833333
## [2359]	114.000000	425.000000	145.500000	9.000000	248.333333	693.000000
## [2365]	858.570833	72.000000	494.000000	376.000000	13.000000	8.000000
## [2371]	127.500000	32.500000	91.000000	97.750000	36.500000	17.250000
## [2377]	20.000000	15.000000	66.500000	90.000000	164.625000	1415.000000
## [2383]	30.500000	155.375000	195.000000	431.333333	121.583333	11.500000
## [2389]	73.750000	12.000000	81.000000	302.000000	81.000000	8.000000
## [2395]	184.500000	125.500000	38.000000	172.000000	46.500000	10.000000
## [2401]	225.333333	12.000000	106.000000	288.375000	167.800000	518.250000
## [2407]	213.000000	8.000000	37.833333	125.000000	102.500000	1060.750000

```
## [2413] 80.500000 290.225000 407.500000 103.250000 37.833333 7.000000
## [2419] 182.791667 231.875000 94.000000 503.722222 339.500000 32.666667
## [2425] 333.500000 385.000000 224.000000 120.500000 23.750000 171.000000
## [2431] 256.500000 97.166667 47.750000 857.166667 46.500000 8.000000
## [2437] 5.000000 33.000000 112.000000 165.000000 540.333333 225.500000
## [2443] 547.750000 21.000000 33.750000 368.250000 211.250000 9.000000
## [2449] 86.000000
```

```
boxplot.stats(data1$ProductRelated)$out
```

```
## [1] 90 128 96 98 87 111 88 149 258 96 173 88 111 109 287 84 137 113
## [19] 89 90 104 129 93 194 140 110 84 132 115 328 93 96 160 86 150 95
## [37] 130 151 117 124 84 160 127 125 104 90 98 150 116 105 149 92 89 95
## [55] 157 154 220 129 187 113 154 112 86 104 115 131 159 94 115 204 142 206
## [73] 102 313 145 85 97 198 90 85 89 181 126 106 157 85 112 86 109 112
## [91] 85 111 109 131 93 89 89 117 127 101 128 96 90 98 108 119 122 88
## [109] 91 94 125 105 276 100 291 114 172 93 105 217 187 159 115 97 141 88
## [127] 85 85 133 156 111 84 108 106 104 87 136 93 87 85 129 129 89 180
## [145] 135 110 91 124 129 195 99 362 85 96 125 179 126 101 132 124 113 118
## [163] 106 89 175 89 106 148 440 156 108 181 116 102 95 128 103 115 178 101
## [181] 106 154 184 93 116 88 129 85 113 705 134 128 122 97 92 88 99 119
## [199] 118 105 176 90 146 84 180 91 133 96 104 99 84 106 140 145 189 120
## [217] 94 131 111 193 101 95 94 222 94 84 121 91 103 103 107 101 142 130
## [235] 141 93 305 89 99 199 149 87 439 223 98 154 115 179 98 230 84 280
## [253] 98 90 377 94 310 158 114 114 85 97 486 110 230 153 139 113 91 101
## [271] 182 221 229 113 127 216 137 84 139 107 109 170 157 103 202 346 146 151
## [289] 84 106 102 120 97 274 129 221 109 240 162 90 110 123 130 135 113 115
## [307] 211 87 227 86 159 115 162 168 161 107 93 140 429 686 136 92 91 120
## [325] 89 84 167 87 130 92 85 98 149 88 102 518 101 256 258 255 111 95
## [343] 84 97 85 198 86 86 125 91 88 95 168 133 160 103 87 358 91 213
## [361] 90 191 282 128 193 122 111 123 85 120 155 117 138 98 109 96 85 146
## [379] 109 93 179 246 237 86 125 97 138 109 94 150 84 130 137 102 104 88
## [397] 181 94 159 107 271 90 171 150 111 84 89 145 414 86 310 110 134 172
## [415] 219 94 176 97 262 114 93 154 87 409 93 171 98 159 96 189 243 117
## [433] 86 184 93 92 131 84 241 122 93 91 197 449 102 143 148 172 135 94
## [451] 111 213 94 143 98 157 188 108 159 391 238 121 161 108 152 118 165 293
## [469] 174 149 162 90 95 584 154 130 137 89 178 104 90 105 93 126 111 122
## [487] 164 311 125 140 153 340 97 86 108 90 137 250 124 99 103 103 139 204
## [505] 131 164 121 125 439 146 92 98 151 155 140 200 152 385 131 292 95 126
## [523] 232 125 96 152 93 99 102 91 251 140 97 146 122 517 170 95 114 85
## [541] 154 100 86 101 225 194 169 154 216 309 98 154 131 98 200 227 84 235
## [559] 140 95 501 224 97 111 118 229 84 91 101 118 125 275 108 145 134 96
## [577] 100 95 106 95 92 89 318 94 85 119 88 129 200 93 93 144 397 94
## [595] 150 121 97 343 103 245 122 123 113 175 159 88 171 202 116 94 107 96
## [613] 130 137 122 91 109 173 97 229 154 174 101 101 150 117 94 152 222 186
## [631] 110 130 95 113 135 238 167 133 129 91 99 111 98 132 167 161 114 91
## [649] 110 139 337 99 157 141 118 95 89 145 100 87 179 119 85 113 172 351
## [667] 162 94 138 166 106 116 154 137 349 112 97 100 182 202 108 153 230 132
## [685] 133 141 100 137 423 148 156 280 88 258 103 197 107 359 169 85 100 163
## [703] 147 114 264 90 89 132 115 134 106 120 120 139 105 108 174 200 312 149
## [721] 87 124 108 147 219 226 144 133 91 171 146 324 85 266 104 137 260 117
## [739] 108 85 338 149 89 272 108 127 89 534 102 171 470 124 152 86 141 207
## [757] 130 218 104 126 245 113 116 101 114 132 326 176 188 90 86 164 190 141
## [775] 156 304 84 107 127 205 87 98 233 213 120 186 213 115 107 88 89 85
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```
## [793] 99 114 110 401 131 91 108 162 155 171 177 98 91 131 330 95 286 128
## [811] 106 247 122 161 162 107 167 89 111 147 93 357 138 116 124 107 117 315
## [829] 116 166 126 143 231 206 85 115 88 114 107 85 339 134 98 89 152 118
## [847] 162 283 131 106 97 89 127 143 118 85 109 237 182 195 104 171 88 155
## [865] 92 141 101 92 131 151 186 120 100 87 195 122 103 111 96 264 110 91
## [883] 116 374 401 96 85 90 137 224 155 100 152 248 119 87 237 117 220 109
## [901] 222 279 178 122 85 132 101 120 103 111 94 112 281 176 175 227 87 113
## [919] 141 109 95 152 106 234 337 199 96 148 130 85 102 129 102 132 190 170
## [937] 96 142 86 104 116 122 133 261 84 112 164 109 116 151 118 106 290 87
## [955] 189 100 103 131 95 107 128 84 336 336 123 102 132 118 136 162 137 90
## [973] 94 222 95 231 136 104 378 131 92 254 145 89 98 183 210 85 187 114
## [991] 98 193 111 107 112 114 126 93 127 93 192 125 133 111 144 221 95
```

```
boxplot.stats(data1$ProductRelated_Duration)$out
```

```
## [1] 4084.394 6951.972 5062.214 3556.612 5188.500 5220.083 3658.500
## [8] 4105.667 3510.880 5042.458 4547.167 3608.900 3410.875 11301.204
## [15] 4233.481 6255.018 5958.072 5485.106 3726.333 6682.678 12983.788
## [22] 5818.917 4699.278 3909.368 3960.646 6770.274 3506.167 7221.000
## [29] 4566.953 8646.000 3486.690 5900.351 7669.251 3552.702 3763.167
## [36] 4346.542 7533.273 3946.008 3424.583 4099.737 4261.843 4163.798
## [43] 6737.272 8961.408 4114.083 3641.213 5764.367 4996.667 3644.752
## [50] 4056.175 4270.142 9128.284 9694.261 3888.167 3484.233 3451.752
## [57] 4053.092 5186.117 3537.992 5349.564 4891.972 4764.430 4990.960
## [64] 4164.937 6860.633 4895.023 13158.667 5198.533 4093.431 3882.026
## [71] 4207.667 4656.800 5378.046 4639.411 6254.420 4945.083 5538.917
## [78] 3864.429 5284.765 7009.096 8704.372 3473.857 4107.120 3509.131
## [85] 4643.756 4415.333 8038.325 11308.098 4115.979 4139.625 9487.639
## [92] 4190.750 8699.407 7968.903 4290.833 3657.102 9487.940 4668.052
## [99] 9143.436 6223.871 4346.917 4277.000 9997.729 5703.477 7428.182
## [106] 5577.826 5448.994 4977.850 6842.003 5633.538 5645.176 4833.925
## [113] 3731.138 4509.823 3439.733 3436.067 4324.737 5044.757 6931.050
## [120] 5459.967 4566.238 4051.375 5604.977 5621.599 6141.432 3827.754
## [127] 4313.139 3855.200 4758.381 12065.181 5407.789 3772.406 3872.509
## [134] 4115.233 4086.145 3473.733 5492.367 3583.167 6100.528 3646.279
## [141] 5478.530 4153.277 4987.689 5016.351 5664.146 7515.583 4377.983
## [148] 3731.079 5432.837 3981.892 5233.590 4877.257 4569.904 6483.775
## [155] 3646.967 5426.022 6657.151 4773.336 3700.496 5343.050 3970.700
## [162] 5293.825 4651.033 7675.149 3540.239 6266.209 13259.294 13430.976
## [169] 3909.620 4516.588 3503.025 4322.779 4555.024 5072.396 3727.324
## [176] 5996.025 3593.129 3510.417 3837.500 5731.094 5882.174 3712.812
## [183] 3900.429 3816.367 3825.102 3639.737 12634.621 4200.597 4010.064
## [190] 9951.869 3899.001 4033.472 3733.229 4522.410 3618.017 4079.530
## [197] 4426.651 4175.750 5978.180 4681.894 5287.233 8388.316 4339.534
## [204] 3596.934 4713.800 4167.488 4712.769 7706.546 5883.041 4501.434
## [211] 43171.233 6897.942 3413.833 4749.240 3545.191 3615.889 4541.925
## [218] 4797.988 4126.353 7253.676 6512.011 5692.212 3572.242 4152.763
## [225] 3611.979 4306.612 5194.857 4143.175 5175.377 3428.527 5771.467
## [232] 6186.172 4044.466 4208.752 7548.633 9630.210 5738.902 4864.147
## [239] 4622.000 4376.903 7220.777 4402.250 5943.548 4204.433 3747.833
## [246] 4536.308 9447.579 6412.233 5018.328 4240.036 7959.910 4304.367
## [253] 4895.260 21857.046 4651.612 7835.875 7243.649 5526.080 9050.459
## [260] 4897.845 3799.200 18171.795 4984.371 5330.633 11729.408 9836.068
## [267] 8468.339 5066.661 23050.104 6053.467 6978.614 4565.931 5107.035
```

##	[274]	3827.499	3539.945	6606.727	6984.612	6065.016	14577.085	5286.588
##	[281]	3739.636	3566.993	3888.279	16093.309	13842.458	12541.776	5602.007
##	[288]	4249.120	3528.691	4590.382	6684.521	7604.398	4318.668	5876.459
##	[295]	3778.345	5523.927	6117.814	8024.509	10278.904	3886.823	3708.393
##	[302]	4994.848	7091.698	4424.622	7442.388	3898.817	3818.309	5332.548
##	[309]	5284.817	5721.800	4948.399	7263.957	5496.250	9661.586	3908.755
##	[316]	23342.082	5944.387	4157.633	3872.717	8365.602	3890.866	3633.953
##	[323]	3507.365	4916.583	3684.855	12449.900	8147.112	11976.721	3558.577
##	[330]	13453.251	3637.986	8467.584	3523.331	4941.699	8006.695	3908.033
##	[337]	3674.804	4100.255	5046.057	3634.586	3715.778	4316.262	10338.672
##	[344]	5245.278	4131.156	9760.690	6418.819	9151.494	3677.258	4339.925
##	[351]	5946.276	4749.250	4022.812	4339.367	6743.399	6440.235	6707.540
##	[358]	4162.538	3987.387	11492.208	9227.371	5556.933	6847.937	9437.769
##	[365]	3835.564	4031.562	4006.353	5579.316	5962.206	3645.909	7672.152
##	[372]	3528.061	4287.961	4362.010	12292.464	4052.359	4554.693	4935.536
##	[379]	5465.320	3421.653	4598.433	23888.810	7710.731	4391.667	3621.607
##	[386]	3441.807	3410.698	3773.300	4098.700	6747.414	6847.737	6079.820
##	[393]	6774.820	3856.830	4800.575	9100.403	5830.910	6137.145	15454.439
##	[400]	3564.590	8768.477	4185.097	3579.786	3801.680	4066.207	4446.625
##	[407]	3902.665	5194.799	3804.287	5300.292	3773.715	6309.427	63973.522
##	[414]	4021.172	4977.851	3534.299	8629.784	10524.359	4966.521	7443.407
##	[421]	4804.835	5149.435	4518.298	4461.285	5728.674	4656.332	5608.914
##	[428]	15025.233	3472.871	9956.226	3648.562	6524.035	4575.478	3684.321
##	[435]	4251.208	6323.853	12268.245	4994.249	6082.874	5399.231	4379.863
##	[442]	24844.156	5253.069	5252.862	4791.461	3480.812	6241.687	7181.878
##	[449]	4434.282	6085.002	5826.333	6919.899	4155.747	12500.353	3812.162
##	[456]	10902.458	3543.810	4293.400	3875.428	5380.687	8622.380	4067.010
##	[463]	4097.709	3674.738	5209.820	4389.888	4875.106	7444.938	17550.585
##	[470]	3697.732	4284.423	4212.142	4272.608	3714.353	9018.124	3959.450
##	[477]	4643.284	7097.582	7972.322	3408.267	3561.130	14505.727	8282.215
##	[484]	4817.924	4446.303	5932.597	5426.824	5793.524	4509.000	9297.575
##	[491]	4096.090	4215.961	4899.627	7141.215	3831.100	27009.859	4679.029
##	[498]	5639.222	4152.083	4112.394	6515.454	5212.708	5276.594	9595.650
##	[505]	6460.193	6920.973	5000.739	7838.557	3591.744	7761.035	12158.196
##	[512]	7712.375	4755.224	5396.265	6867.194	6854.604	10046.808	3817.204
##	[519]	3978.246	4817.370	21672.244	6095.482	3993.136	3971.515	5250.892
##	[526]	8866.167	3646.083	6038.245	3903.167	3507.011	9139.497	4130.938
##	[533]	3586.833	6165.879	5889.731	3541.324	6057.929	5251.383	3416.279
##	[540]	3972.000	13717.402	3478.750	4620.089	3556.517	7609.821	4653.190
##	[547]	6671.290	3422.525	5972.417	5485.018	11940.016	3815.167	6505.333
##	[554]	4836.487	5575.615	4218.075	29970.466	3626.003	7569.249	3492.316
##	[561]	5969.573	5178.532	4877.123	5878.941	6400.430	10014.269	3723.530
##	[568]	4045.727	4155.621	6014.398	6606.784	7405.360	3486.371	3800.089
##	[575]	4760.778	4262.967	4251.741	9049.534	5106.263	4096.713	3954.950
##	[582]	3993.833	5696.166	3445.012	3770.022	5520.176	10340.369	8701.852
##	[589]	4885.049	5410.957	3873.022	3757.080	3517.040	8684.983	3561.139
##	[596]	5098.755	5080.234	3457.629	4022.000	5442.085	6566.868	11835.104
##	[603]	6123.741	4310.775	3747.814	5962.732	4492.311	4140.334	4350.647
##	[610]	4436.376	10415.784	6245.704	8041.589	7017.193	8650.049	3753.194
##	[617]	5546.000	4172.116	3494.067	6850.499	6759.312	5316.460	7012.267
##	[624]	6879.802	3757.750	9951.360	8217.679	5999.808	8402.716	5315.212
##	[631]	9648.177	4096.159	4126.449	5504.695	3713.580	3770.916	17086.234
##	[638]	4729.066	8178.227	8613.257	4081.042	9247.384	3789.583	3660.343
##	[645]	5154.777	3608.347	5097.418	6235.066	12959.915	8276.293	3642.066

```
## [652] 4597.124 4048.583 5004.229 4600.541 4254.667 3788.800 8584.025
## [659] 6725.664 3427.665 4772.920 5778.967 6203.690 6617.791 3934.201
## [666] 4373.848 3974.535 3891.214 5254.158 4590.431 5602.594 8336.040
## [673] 13379.367 6001.171 4722.569 4123.957 7044.065 12900.768 4218.917
## [680] 5757.854 4815.702 4766.021 4716.573 9119.885 8150.557 14213.637
## [687] 9770.812 8555.766 5256.472 6740.557 13265.356 7569.182 3436.975
## [694] 7434.743 8981.580 4876.008 18504.126 3752.667 6793.383 4377.708
## [701] 4156.900 14129.881 4868.000 3959.145 4307.410 6481.483 5160.451
## [708] 4737.088 8205.688 8130.965 5276.227 3497.214 7793.159 5389.883
## [715] 3616.008 4424.917 3621.067 11945.630 5505.401 8618.032 4316.833
## [722] 5767.465 3679.129 5189.961 11250.487 3441.439 4894.851 5057.175
## [729] 6858.672 4295.305 5124.692 5325.235 3575.000 3696.225 7952.492
## [736] 8125.852 4173.131 6975.887 3734.958 8591.592 6367.506 4293.833
## [743] 9126.982 5321.441 3881.794 3763.001 3881.939 3488.071 5244.472
## [750] 14568.162 5619.385 3511.833 8596.670 4263.978 5341.784 3650.317
## [757] 4041.735 3986.790 6225.989 11208.355 3879.832 9952.350 6483.080
## [764] 3711.605 10415.326 3763.448 5918.309 6449.457 8249.107 4681.421
## [771] 8864.037 4042.950 4409.300 4279.967 3573.472 3559.375 3421.576
## [778] 3484.269 11232.657 9666.858 4374.417 4558.372 4081.249 4709.993
## [785] 11246.134 8437.099 3725.671 4937.640 3494.831 4447.111 16138.291
## [792] 5076.381 3675.500 6732.124 3452.262 3614.105 7114.798 3608.433
## [799] 9354.484 4442.394 4568.339 3989.486 4514.739 3418.697 3830.000
## [806] 8060.964 3688.847 4165.139 3887.222 6817.942 3785.562 4191.032
## [813] 5402.785 7980.363 9405.837 5093.300 3580.333 4502.511 4484.669
## [820] 5208.650 3585.178 3913.987 3634.142 6050.883 4344.920 8425.870
## [827] 3457.285 4984.543 10044.758 4931.199 3708.384 3411.956 3606.089
## [834] 5358.375 3719.644 3487.125 11257.108 10497.154 4006.359 3998.333
## [841] 3505.088 12499.377 12433.219 5947.971 4478.699 4875.609 3978.626
## [848] 4829.625 5209.958 6794.735 4838.294 7445.957 8956.098 7468.860
## [855] 7514.790 10580.345 4008.578 8068.742 9485.375 6630.479 6194.852
## [862] 3740.292 3874.241 3554.649 3556.347 4223.410 14988.592 7767.326
## [869] 10886.877 12460.670 4403.383 4567.943 3624.056 4334.815 5617.093
## [876] 5246.435 11231.410 7750.537 4312.225 5286.208 3486.194 6560.008
## [883] 4609.626 4264.419 7356.402 6375.066 7128.754 4803.827 4777.813
## [890] 4479.116 4054.756 7532.511 5948.998 14150.546 4097.404 7700.501
## [897] 11240.977 7190.548 5395.202 4597.575 4928.927 3779.444 4391.876
## [904] 5610.687 12595.628 12166.694 3944.385 4227.094 5091.891 4947.358
## [911] 4326.667 4201.508 5509.718 5588.185 4792.381 4698.796 6942.784
## [918] 9230.891 8777.614 5155.351 12003.318 3865.839 4637.538 6308.064
## [925] 4108.808 6212.780 6384.367 9676.093 8115.846 5496.630 6338.257
## [932] 3459.480 3671.675 3653.642 6784.671 3675.941 3466.794 6673.291
## [939] 4269.493 4310.005 4214.780 3923.586 3414.875 6072.032 4845.989
## [946] 7453.767 3918.364 6340.152 4018.450 4627.490 11431.001
```

```
boxplot.stats(data1$BounceRates)$out
```

```
## [1] 0.20000000 0.20000000 0.05000000 0.20000000 0.20000000 0.20000000
## [7] 0.20000000 0.20000000 0.05000000 0.04347826 0.06666667 0.20000000
## [13] 0.20000000 0.05000000 0.20000000 0.20000000 0.05000000 0.20000000
## [19] 0.20000000 0.20000000 0.20000000 0.20000000 0.20000000 0.20000000
## [25] 0.20000000 0.05714286 0.20000000 0.05000000 0.15000000 0.04444444
## [31] 0.05000000 0.05000000 0.20000000 0.20000000 0.20000000 0.13333333
## [37] 0.20000000 0.05000000 0.20000000 0.20000000 0.06666667 0.20000000
## [43] 0.10000000 0.20000000 0.20000000 0.08666667 0.06666667 0.20000000
```

##	[49]	0.20000000	0.20000000	0.20000000	0.08000000	0.10000000	0.20000000
##	[55]	0.08000000	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000
##	[61]	0.20000000	0.05000000	0.20000000	0.20000000	0.10000000	0.20000000
##	[67]	0.20000000	0.20000000	0.06666667	0.06666667	0.20000000	0.05714286
##	[73]	0.20000000	0.20000000	0.20000000	0.20000000	0.07500000	0.20000000
##	[79]	0.20000000	0.07777778	0.06666667	0.20000000	0.05000000	0.20000000
##	[85]	0.20000000	0.20000000	0.06666667	0.20000000	0.20000000	0.20000000
##	[91]	0.04545454	0.13333333	0.06666667	0.10000000	0.20000000	0.05555556
##	[97]	0.20000000	0.20000000	0.08571429	0.04444444	0.06666667	0.05000000
##	[103]	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.06153846
##	[109]	0.20000000	0.20000000	0.20000000	0.06428571	0.20000000	0.05000000
##	[115]	0.10000000	0.20000000	0.10000000	0.05714286	0.20000000	0.20000000
##	[121]	0.20000000	0.20000000	0.20000000	0.20000000	0.05000000	0.20000000
##	[127]	0.20000000	0.20000000	0.20000000	0.05000000	0.05714286	0.06666667
##	[133]	0.20000000	0.06666667	0.20000000	0.04444444	0.08333333	0.10000000
##	[139]	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.05000000
##	[145]	0.10000000	0.20000000	0.20000000	0.20000000	0.05000000	0.05714286
##	[151]	0.20000000	0.10000000	0.20000000	0.20000000	0.04583333	0.14666667
##	[157]	0.10000000	0.12000000	0.05000000	0.04545454	0.20000000	0.16190476
##	[163]	0.20000000	0.10000000	0.06666667	0.20000000	0.20000000	0.10000000
##	[169]	0.10000000	0.10000000	0.20000000	0.05555556	0.05000000	0.05714286
##	[175]	0.06666667	0.20000000	0.12000000	0.20000000	0.20000000	0.05714286
##	[181]	0.20000000	0.20000000	0.05000000	0.20000000	0.04285714	0.20000000
##	[187]	0.07500000	0.10000000	0.04285714	0.20000000	0.06000000	0.10000000
##	[193]	0.10000000	0.08000000	0.06666667	0.10000000	0.20000000	0.06666667
##	[199]	0.06923077	0.20000000	0.10000000	0.04615385	0.06000000	0.05000000
##	[205]	0.05000000	0.06000000	0.10000000	0.20000000	0.20000000	0.20000000
##	[211]	0.14000000	0.20000000	0.10000000	0.20000000	0.04705882	0.06666667
##	[217]	0.20000000	0.04285714	0.06666667	0.05000000	0.20000000	0.07142857
##	[223]	0.20000000	0.20000000	0.15000000	0.05714286	0.20000000	0.05000000
##	[229]	0.20000000	0.15555556	0.20000000	0.20000000	0.06666667	0.20000000
##	[235]	0.20000000	0.08333333	0.20000000	0.08571429	0.07210884	0.06250000
##	[241]	0.13333333	0.20000000	0.20000000	0.13333333	0.06666667	0.20000000
##	[247]	0.07058823	0.20000000	0.06666667	0.04444444	0.20000000	0.10000000
##	[253]	0.05000000	0.20000000	0.08333333	0.20000000	0.10000000	0.07500000
##	[259]	0.05000000	0.20000000	0.13125000	0.20000000	0.20000000	0.20000000
##	[265]	0.20000000	0.16428571	0.04214559	0.20000000	0.20000000	0.20000000
##	[271]	0.08888889	0.20000000	0.06363636	0.06666667	0.20000000	0.20000000
##	[277]	0.10000000	0.20000000	0.10000000	0.20000000	0.20000000	0.08000000
##	[283]	0.20000000	0.16000000	0.20000000	0.06666667	0.20000000	0.04444444
##	[289]	0.04948148	0.20000000	0.20000000	0.20000000	0.20000000	0.08666667
##	[295]	0.20000000	0.20000000	0.06666667	0.08000000	0.06666667	0.12000000
##	[301]	0.20000000	0.05000000	0.05000000	0.05000000	0.10000000	0.12000000
##	[307]	0.04210526	0.05396825	0.20000000	0.05333333	0.20000000	0.20000000
##	[313]	0.11538461	0.04444444	0.06666667	0.20000000	0.20000000	0.14285714
##	[319]	0.20000000	0.09333333	0.20000000	0.05714286	0.20000000	0.20000000
##	[325]	0.06000000	0.06428571	0.15000000	0.05000000	0.13333333	0.10000000
##	[331]	0.10000000	0.05000000	0.20000000	0.20000000	0.05000000	0.11428571
##	[337]	0.20000000	0.10000000	0.20000000	0.08695652	0.20000000	0.15000000
##	[343]	0.20000000	0.13333333	0.20000000	0.20000000	0.12000000	0.20000000
##	[349]	0.20000000	0.20000000	0.05714286	0.07894737	0.10000000	0.05555556
##	[355]	0.20000000	0.04259259	0.12222222	0.20000000	0.05000000	0.12000000
##	[361]	0.20000000	0.20000000	0.10000000	0.05454545	0.20000000	0.20000000
##	[367]	0.14000000	0.12000000	0.10000000	0.06666667	0.11111111	0.06666667

```

## [373] 0.10000000 0.20000000 0.20000000 0.10000000 0.04615385 0.05333333
## [379] 0.20000000 0.20000000 0.05000000 0.10000000 0.05333333 0.20000000
## [385] 0.05600000 0.05138889 0.08421053 0.07500000 0.20000000 0.06666667
## [391] 0.06666667 0.20000000 0.06857143 0.20000000 0.04761905 0.04747944
## [397] 0.05000000 0.04444444 0.10526316 0.20000000 0.06666667 0.04400000
## [403] 0.05454545 0.20000000 0.10000000 0.05119048 0.06000000 0.20000000
## [409] 0.06666667 0.08750000 0.04761905 0.20000000 0.05000000 0.18333333
## [415] 0.20000000 0.05555556 0.05000000 0.04444444 0.04285714 0.04761905
## [421] 0.06666667 0.05000000 0.06666667 0.20000000 0.10000000 0.20000000
## [427] 0.12000000 0.04255319 0.04375000 0.20000000 0.20000000 0.20000000
## [433] 0.20000000 0.20000000 0.08333333 0.20000000 0.10000000 0.20000000
## [439] 0.13333333 0.06666667 0.04888889 0.06666667 0.20000000 0.20000000
## [445] 0.06645963 0.06666667 0.20000000 0.20000000 0.05000000 0.08571429
## [451] 0.06666667 0.20000000 0.20000000 0.06666667 0.20000000 0.06666667
## [457] 0.20000000 0.04347826 0.08000000 0.10000000 0.07500000 0.16666667
## [463] 0.20000000 0.04473684 0.04285714 0.07567568 0.12000000 0.05000000
## [469] 0.20000000 0.05333333 0.20000000 0.04285714 0.20000000 0.20000000
## [475] 0.04184397 0.07500000 0.05000000 0.05000000 0.05333333 0.20000000
## [481] 0.08000000 0.08333333 0.04252874 0.07272727 0.12222222 0.20000000
## [487] 0.04615385 0.08000000 0.04444444 0.20000000 0.20000000 0.13333333
## [493] 0.10000000 0.06666667 0.08571429 0.07407407 0.07777778 0.20000000
## [499] 0.12500000 0.10000000 0.20000000 0.04761905 0.04444444 0.10000000
## [505] 0.10000000 0.12000000 0.20000000 0.09285714 0.13333333 0.09259259
## [511] 0.06666667 0.05357143 0.04444444 0.05714286 0.04285714 0.09047619
## [517] 0.06666667 0.20000000 0.04347826 0.05238095 0.05000000 0.16000000
## [523] 0.20000000 0.14285714 0.06666667 0.04535647 0.14285714 0.15000000
## [529] 0.20000000 0.04705882 0.20000000 0.05000000 0.06666667 0.04523809
## [535] 0.05454545 0.20000000 0.20000000 0.10000000 0.08000000 0.20000000
## [541] 0.20000000 0.20000000 0.20000000 0.11428571 0.04285714 0.04777778
## [547] 0.20000000 0.15555556 0.20000000 0.04696970 0.13333333 0.20000000
## [553] 0.06538461 0.20000000 0.06666667 0.04444444 0.08000000 0.06666667
## [559] 0.20000000 0.20000000 0.05666667 0.06666667 0.05000000 0.20000000
## [565] 0.06666667 0.06250000 0.20000000 0.06666667 0.20000000 0.06666667
## [571] 0.05555556 0.15000000 0.20000000 0.17692308 0.20000000 0.20000000
## [577] 0.11428571 0.05333333 0.06666667 0.06666667 0.20000000 0.20000000
## [583] 0.08333333 0.04800000 0.06666667 0.07500000 0.08421053 0.15555556
## [589] 0.05000000 0.04444444 0.05000000 0.20000000 0.12000000 0.20000000
## [595] 0.08571429 0.20000000 0.04285714 0.07352941 0.12000000 0.15000000
## [601] 0.06666667 0.20000000 0.20000000 0.06842105 0.11111111 0.06065574
## [607] 0.04615385 0.05000000 0.04210526 0.04444444 0.20000000 0.20000000
## [613] 0.04597701 0.20000000 0.07777778 0.07500000 0.20000000 0.20000000
## [619] 0.08000000 0.20000000 0.20000000 0.07058823 0.05000000 0.20000000
## [625] 0.04931818 0.11111111 0.05714286 0.05000000 0.20000000 0.04285714
## [631] 0.10000000 0.06666667 0.14285714 0.10000000 0.08235294 0.06666667
## [637] 0.05000000 0.06666667 0.06250000 0.07741935 0.08735632 0.04375000
## [643] 0.20000000 0.06622641 0.05000000 0.06428571 0.08125000 0.13333333
## [649] 0.12000000 0.05000000 0.08000000 0.10000000 0.06666667 0.06666667
## [655] 0.20000000 0.04629630 0.08888889 0.04833333 0.05238095 0.08000000
## [661] 0.10000000 0.05862069 0.20000000 0.20000000 0.20000000 0.10000000
## [667] 0.05714286 0.06428571 0.20000000 0.20000000 0.10000000 0.20000000
## [673] 0.10000000 0.11428571 0.20000000 0.13333333 0.09000000 0.20000000
## [679] 0.06666667 0.07500000 0.10000000 0.08000000 0.10000000 0.06666667
## [685] 0.06666667 0.10000000 0.20000000 0.04333333 0.20000000 0.06666667
## [691] 0.04722222 0.06666667 0.04444444 0.05625000 0.20000000 0.20000000

```

##	[697]	0.05600000	0.06666667	0.20000000	0.20000000	0.07692308	0.15000000
##	[703]	0.20000000	0.20000000	0.20000000	0.20000000	0.20000000	0.10000000
##	[709]	0.05000000	0.04545454	0.20000000	0.05000000	0.10000000	0.20000000
##	[715]	0.06666667	0.04800000	0.20000000	0.07500000	0.15000000	0.20000000
##	[721]	0.13333333	0.05000000	0.20000000	0.20000000	0.20000000	0.04705882
##	[727]	0.20000000	0.05000000	0.10000000	0.20000000	0.10000000	0.07500000
##	[733]	0.04210526	0.05000000	0.10000000	0.20000000	0.07142857	0.06000000
##	[739]	0.15000000	0.04208333	0.20000000	0.20000000	0.20000000	0.06666667
##	[745]	0.08000000	0.06666667	0.10416667	0.05000000	0.13333333	0.06666667
##	[751]	0.05000000	0.08000000	0.20000000	0.12500000	0.09166667	0.07500000
##	[757]	0.04375000	0.10000000	0.05952381	0.10000000	0.20000000	0.20000000
##	[763]	0.06666667	0.13333333	0.07777778	0.06666667	0.05000000	0.05238095
##	[769]	0.06250000	0.04444444	0.04210526	0.06666667	0.20000000	0.20000000
##	[775]	0.04444444	0.08000000	0.06111111	0.04444444	0.06666667	0.20000000
##	[781]	0.04530744	0.20000000	0.06000000	0.05335546	0.05000000	0.12000000
##	[787]	0.05000000	0.04781874	0.20000000	0.05714286	0.07407407	0.05714286
##	[793]	0.18000000	0.10909091	0.05090909	0.06666667	0.20000000	0.20000000
##	[799]	0.05000000	0.05000000	0.20000000	0.11428571	0.14666667	0.08571429
##	[805]	0.13333333	0.04777778	0.18000000	0.05625000	0.20000000	0.04621212
##	[811]	0.06842105	0.18000000	0.06666667	0.20000000	0.05909091	0.05185185
##	[817]	0.10000000	0.07413793	0.07441860	0.04500000	0.08000000	0.07927928
##	[823]	0.04666667	0.20000000	0.06666667	0.04266667	0.20000000	0.10000000
##	[829]	0.05000000	0.06666667	0.06666667	0.05714286	0.20000000	0.05000000
##	[835]	0.07500000	0.06041667	0.20000000	0.12162162	0.05320513	0.20000000
##	[841]	0.20000000	0.05000000	0.05780142	0.10000000	0.11250000	0.06666667
##	[847]	0.05000000	0.20000000	0.20000000	0.13333333	0.07142857	0.10000000
##	[853]	0.12727273	0.05714286	0.05225225	0.08571429	0.06851852	0.08461539
##	[859]	0.12500000	0.20000000	0.05000000	0.06666667	0.06666667	0.08333333
##	[865]	0.04444444	0.20000000	0.20000000	0.05000000	0.15000000	0.05614035
##	[871]	0.20000000	0.10000000	0.07500000	0.05256410	0.20000000	0.06222222
##	[877]	0.05000000	0.20000000	0.04194529	0.05454545	0.05833333	0.05000000
##	[883]	0.04444444	0.20000000	0.06666667	0.11111111	0.10114943	0.05294118
##	[889]	0.05333333	0.20000000	0.04444444	0.20000000	0.20000000	0.10000000
##	[895]	0.06829268	0.12222222	0.20000000	0.06274510	0.05892857	0.09090909
##	[901]	0.20000000	0.20000000	0.20000000	0.12500000	0.08571429	0.20000000
##	[907]	0.10000000	0.20000000	0.12000000	0.08750000	0.20000000	0.07083333
##	[913]	0.04318182	0.20000000	0.05428571	0.20000000	0.07222222	0.07477478
##	[919]	0.06666667	0.04444444	0.06666667	0.20000000	0.05000000	0.20000000
##	[925]	0.04814815	0.08571429	0.06666667	0.04444444	0.05000000	0.20000000
##	[931]	0.04404762	0.08000000	0.06190476	0.05882353	0.04285714	0.09090909
##	[937]	0.05000000	0.05000000	0.20000000	0.20000000	0.05454545	0.20000000
##	[943]	0.20000000	0.18000000	0.05517241	0.20000000	0.20000000	0.20000000
##	[949]	0.20000000	0.05714286	0.05000000	0.20000000	0.20000000	0.05500000
##	[955]	0.04691358	0.05833333	0.16423077	0.05606061	0.20000000	0.06956522
##	[961]	0.20000000	0.20000000	0.20000000	0.05333333	0.20000000	0.04500000
##	[967]	0.05179739	0.20000000	0.20000000	0.20000000	0.04222222	0.06111111
##	[973]	0.04285714	0.06092593	0.05964912	0.04444444	0.06666667	0.20000000
##	[979]	0.05333333	0.06666667	0.20000000	0.20000000	0.20000000	0.05787037
##	[985]	0.20000000	0.05000000	0.20000000	0.06538461	0.06666667	0.20000000
##	[991]	0.11000000	0.20000000	0.20000000	0.06149425	0.07142857	0.20000000
##	[997]	0.08083779	0.13846154	0.10000000	0.20000000	0.10000000	0.10769231
##	[1003]	0.05906433	0.20000000	0.20000000	0.20000000	0.04761905	0.06666667
##	[1009]	0.06666667	0.10000000	0.20000000	0.10000000	0.04285714	0.05000000
##	[1015]	0.20000000	0.20000000	0.06500000	0.15000000	0.09032258	0.05000000


```

## [1021] 0.20000000 0.05000000 0.16666667 0.12000000 0.20000000 0.20000000
## [1027] 0.05238095 0.16000000 0.20000000 0.20000000 0.10000000 0.20000000
## [1033] 0.20000000 0.20000000 0.11071429 0.20000000 0.05454545 0.12592593
## [1039] 0.06666667 0.20000000 0.06250000 0.04615385 0.18000000 0.20000000
## [1045] 0.20000000 0.20000000 0.20000000 0.05333333 0.07500000 0.20000000
## [1051] 0.20000000 0.08571429 0.07500000 0.06666667 0.20000000 0.20000000
## [1057] 0.20000000 0.20000000 0.20000000 0.04444444 0.05185185 0.20000000
## [1063] 0.08000000 0.20000000 0.06666667 0.09583333 0.20000000 0.20000000
## [1069] 0.06666667 0.20000000 0.20000000 0.06666667 0.20000000 0.04761905
## [1075] 0.06666667 0.06000000 0.20000000 0.20000000 0.16666667 0.05641026
## [1081] 0.05000000 0.20000000 0.20000000 0.20000000 0.20000000 0.20000000
## [1087] 0.04375000 0.20000000 0.20000000 0.20000000 0.05454545 0.04444444
## [1093] 0.05454545 0.20000000 0.20000000 0.12000000 0.10000000 0.10000000
## [1099] 0.20000000 0.20000000 0.11000000 0.06666667 0.07337662 0.20000000
## [1105] 0.08000000 0.20000000 0.04761905 0.20000000 0.20000000 0.06666667
## [1111] 0.20000000 0.20000000 0.05714286 0.10000000 0.20000000 0.20000000
## [1117] 0.20000000 0.20000000 0.20000000 0.06666667 0.20000000 0.06666667
## [1123] 0.20000000 0.20000000 0.20000000 0.20000000 0.20000000 0.20000000
## [1129] 0.20000000 0.20000000 0.04375000 0.20000000 0.20000000 0.08000000
## [1135] 0.08333333 0.20000000 0.04385185 0.06666667 0.05000000 0.10000000
## [1141] 0.05357143 0.20000000 0.20000000 0.04375000 0.05000000 0.20000000
## [1147] 0.08333333 0.07000000 0.15000000 0.05000000 0.06666667 0.20000000
## [1153] 0.05000000 0.04416667 0.20000000 0.20000000 0.05000000 0.20000000
## [1159] 0.10000000 0.20000000 0.06666667 0.05000000 0.20000000 0.20000000
## [1165] 0.05000000 0.20000000 0.20000000 0.20000000 0.06666667 0.05833333
## [1171] 0.20000000 0.20000000 0.08333333 0.20000000 0.20000000 0.05000000
## [1177] 0.08888889 0.05714286 0.08888889 0.04761905 0.20000000 0.05000000
## [1183] 0.20000000 0.20000000 0.10000000 0.20000000 0.20000000 0.13333333
## [1189] 0.10000000 0.20000000 0.17500000 0.20000000 0.05714286 0.04705882
## [1195] 0.20000000 0.10000000 0.06666667 0.20000000 0.06666667 0.20000000
## [1201] 0.05000000 0.20000000 0.20000000 0.20000000 0.05238095 0.20000000
## [1207] 0.06666667 0.05000000 0.20000000 0.20000000 0.10000000 0.20000000
## [1213] 0.20000000 0.05128205 0.08571429 0.10000000 0.12000000 0.20000000
## [1219] 0.20000000 0.05855072 0.08214286 0.05833333 0.20000000 0.08888889
## [1225] 0.20000000 0.20000000 0.10000000 0.20000000 0.20000000 0.06666667
## [1231] 0.20000000 0.20000000 0.10000000 0.20000000 0.05000000 0.10000000
## [1237] 0.20000000 0.08333333 0.20000000 0.04545454 0.20000000 0.10000000
## [1243] 0.20000000 0.07142857 0.20000000 0.04705882 0.05000000 0.20000000
## [1249] 0.05000000 0.20000000 0.20000000 0.10000000 0.06363636 0.08571429
## [1255] 0.15000000 0.20000000 0.20000000 0.11428571 0.16666667 0.20000000
## [1261] 0.04818182 0.20000000 0.20000000 0.06666667 0.08333333 0.06666667
## [1267] 0.04444444 0.05000000 0.07500000 0.20000000 0.20000000 0.20000000
## [1273] 0.20000000 0.06666667 0.20000000 0.20000000 0.10000000 0.06666667
## [1279] 0.05000000 0.20000000 0.20000000 0.20000000 0.10000000 0.06666667
## [1285] 0.06666667 0.05000000 0.06666667 0.20000000 0.20000000 0.12000000
## [1291] 0.06666667 0.20000000 0.06666667 0.20000000 0.20000000 0.20000000
## [1297] 0.06666667 0.20000000 0.20000000 0.06000000 0.20000000 0.05000000
## [1303] 0.04444444 0.20000000 0.20000000 0.20000000 0.12142857 0.04285714
## [1309] 0.20000000 0.06666667 0.04705882 0.20000000 0.20000000 0.20000000
## [1315] 0.20000000 0.20000000 0.09545455 0.04482759 0.08250000 0.06666667
## [1321] 0.20000000 0.20000000 0.20000000 0.20000000 0.20000000 0.20000000
## [1327] 0.20000000 0.06000000 0.20000000 0.05714286 0.20000000 0.20000000
## [1333] 0.20000000 0.15000000 0.10000000 0.20000000 0.10000000 0.20000000
## [1339] 0.10000000 0.20000000 0.20000000 0.20000000 0.05000000 0.20000000

```

```
## [1345] 0.20000000 0.20000000 0.06666667 0.05000000 0.20000000 0.06666667
## [1351] 0.08000000 0.05000000 0.20000000 0.20000000 0.20000000 0.05625000
## [1357] 0.10000000 0.20000000 0.05714286 0.06666667 0.05000000 0.20000000
## [1363] 0.06666667 0.04615385 0.08571429 0.06666667 0.10000000 0.20000000
## [1369] 0.20000000 0.05000000 0.05000000 0.06666667 0.20000000 0.20000000
## [1375] 0.20000000 0.20000000 0.05925926 0.20000000 0.06666667 0.06666667
## [1381] 0.20000000 0.12000000 0.06666667 0.20000000 0.04285714 0.20000000
## [1387] 0.20000000 0.05000000 0.09090909 0.20000000 0.05454545 0.06000000
## [1393] 0.06666667 0.20000000 0.20000000 0.10000000 0.07500000 0.05000000
## [1399] 0.10000000 0.05000000 0.20000000 0.20000000 0.20000000 0.20000000
## [1405] 0.20000000 0.06666667 0.20000000 0.06666667 0.05000000 0.20000000
## [1411] 0.20000000 0.14000000 0.20000000 0.05714286 0.05000000 0.05000000
## [1417] 0.06666667 0.20000000 0.20000000 0.05818182 0.04615385 0.20000000
## [1423] 0.20000000 0.20000000 0.06666667 0.04761905 0.08000000 0.07500000
## [1429] 0.20000000 0.20000000 0.08333333
```

```
boxplot.stats(data1$ExitRates)$out
```

```
## [1] 0.2000000 0.1000000 0.2000000 0.1400000 0.2000000 0.2000000 0.1000000
## [8] 0.1000000 0.2000000 0.1000000 0.2000000 0.1000000 0.2000000 0.1000000
## [15] 0.1000000 0.1333333 0.2000000 0.2000000 0.1000000 0.2000000 0.2000000
## [22] 0.1208333 0.2000000 0.2000000 0.2000000 0.2000000 0.1000000 0.2000000
## [29] 0.2000000 0.2000000 0.2000000 0.2000000 0.1000000 0.1000000 0.1500000
## [36] 0.2000000 0.2000000 0.1111111 0.1195238 0.2000000 0.1666667 0.1000000
## [43] 0.2000000 0.1500000 0.2000000 0.2000000 0.2000000 0.1500000 0.2000000
## [50] 0.2000000 0.1666667 0.1000000 0.2000000 0.2000000 0.2000000 0.2000000
## [57] 0.1200000 0.1500000 0.1000000 0.2000000 0.1200000 0.1000000 0.2000000
## [64] 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000 0.1000000 0.1000000
## [71] 0.1000000 0.1100000 0.1000000 0.2000000 0.2000000 0.1250000 0.2000000
## [78] 0.2000000 0.2000000 0.1000000 0.1000000 0.1333333 0.2000000 0.1000000
## [85] 0.2000000 0.1000000 0.1000000 0.2000000 0.2000000 0.2000000 0.1000000
## [92] 0.2000000 0.2000000 0.1166667 0.1333333 0.2000000 0.1000000 0.1000000
## [99] 0.2000000 0.2000000 0.1000000 0.1000000 0.2000000 0.1333333 0.2000000
## [106] 0.2000000 0.2000000 0.1000000 0.1666667 0.1250000 0.2000000 0.1000000
## [113] 0.2000000 0.1000000 0.2000000 0.1000000 0.1000000 0.1285714 0.1000000
## [120] 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000 0.1200000 0.2000000
## [127] 0.2000000 0.1000000 0.2000000 0.1500000 0.2000000 0.1000000 0.1000000
## [134] 0.2000000 0.1333333 0.1000000 0.1000000 0.1200000 0.2000000 0.2000000
## [141] 0.2000000 0.2000000 0.2000000 0.2000000 0.1000000 0.2000000 0.2000000
## [148] 0.1000000 0.2000000 0.2000000 0.1666667 0.2000000 0.1333333 0.2000000
## [155] 0.1333333 0.1000000 0.2000000 0.2000000 0.1000000 0.2000000 0.2000000
## [162] 0.1000000 0.2000000 0.1500000 0.1111111 0.2000000 0.2000000 0.2000000
## [169] 0.1000000 0.2000000 0.1222222 0.1000000 0.2000000 0.1200000 0.2000000
## [176] 0.1000000 0.1866667 0.1500000 0.1600000 0.2000000 0.2000000 0.1000000
## [183] 0.1000000 0.1000000 0.2000000 0.1500000 0.2000000 0.2000000 0.1500000
## [190] 0.1500000 0.1166667 0.2000000 0.1142857 0.1000000 0.1000000 0.1000000
## [197] 0.2000000 0.1400000 0.1000000 0.2000000 0.2000000 0.1428571 0.1000000
## [204] 0.2000000 0.2000000 0.1500000 0.2000000 0.1000000 0.1000000 0.1000000
## [211] 0.2000000 0.1250000 0.1000000 0.2000000 0.1200000 0.2000000 0.1000000
## [218] 0.1500000 0.1500000 0.1200000 0.1000000 0.1000000 0.1333333 0.1500000
## [225] 0.2000000 0.1000000 0.1000000 0.1025641 0.1000000 0.1000000 0.1000000
## [232] 0.2000000 0.1000000 0.1000000 0.1500000 0.1000000 0.1000000 0.1000000
## [239] 0.1000000 0.1000000 0.1000000 0.1466667 0.2000000 0.1000000 0.2000000
## [246] 0.1000000 0.2000000 0.1666667 0.2000000 0.1000000 0.1500000 0.2000000
```

```

## [253] 0.1000000 0.2000000 0.1000000 0.1333333 0.1000000 0.1000000 0.2000000
## [260] 0.1000000 0.1000000 0.2000000 0.1125000 0.1000000 0.1050000 0.2000000
## [267] 0.1625000 0.1142857 0.2000000 0.1000000 0.2000000 0.1777778 0.2000000
## [274] 0.2000000 0.1000000 0.1000000 0.2000000 0.2000000 0.1234127 0.2000000
## [281] 0.1428571 0.1000000 0.1166667 0.1555556 0.2000000 0.2000000 0.1500000
## [288] 0.1166667 0.2000000 0.1000000 0.2000000 0.1000000 0.2000000 0.1000000
## [295] 0.1000000 0.2000000 0.2000000 0.1666667 0.1250000 0.2000000 0.1687500
## [302] 0.2000000 0.2000000 0.2000000 0.2000000 0.1738095 0.2000000 0.1000000
## [309] 0.1000000 0.2000000 0.2000000 0.1222222 0.2000000 0.1090909 0.1333333
## [316] 0.2000000 0.2000000 0.1000000 0.1500000 0.2000000 0.1000000 0.1555556
## [323] 0.2000000 0.2000000 0.1000000 0.2000000 0.1733333 0.2000000 0.2000000
## [330] 0.2000000 0.2000000 0.2000000 0.2000000 0.1333333 0.1000000 0.2000000
## [337] 0.2000000 0.1000000 0.1333333 0.1333333 0.1400000 0.2000000 0.1200000
## [344] 0.1500000 0.1600000 0.2000000 0.2000000 0.2000000 0.1256410 0.1111111
## [351] 0.1000000 0.2000000 0.2000000 0.1571429 0.2000000 0.1266667 0.2000000
## [358] 0.1000000 0.2000000 0.2000000 0.1066667 0.1625000 0.1000000 0.1000000
## [365] 0.1333333 0.1000000 0.1500000 0.1111111 0.2000000 0.2000000 0.1000000
## [372] 0.1666667 0.1500000 0.2000000 0.1333333 0.1000000 0.1000000 0.2000000
## [379] 0.2000000 0.1750000 0.2000000 0.1666667 0.2000000 0.2000000 0.1000000
## [386] 0.1600000 0.2000000 0.2000000 0.2000000 0.1000000 0.1500000 0.1000000
## [393] 0.2000000 0.1444444 0.2000000 0.1600000 0.2000000 0.2000000 0.1500000
## [400] 0.2000000 0.2000000 0.1600000 0.1297619 0.1200000 0.1000000 0.1000000
## [407] 0.1777778 0.1333333 0.1066667 0.2000000 0.2000000 0.1208333 0.2000000
## [414] 0.1000000 0.2000000 0.1000000 0.1384615 0.2000000 0.1200000 0.1008772
## [421] 0.1250000 0.2000000 0.1000000 0.1000000 0.2000000 0.1022857 0.1111111
## [428] 0.2000000 0.1000000 0.1194737 0.2000000 0.1333333 0.2000000 0.1090909
## [435] 0.2000000 0.1500000 0.2000000 0.1333333 0.1020833 0.2000000 0.1000000
## [442] 0.1888889 0.2000000 0.1222222 0.1000000 0.1000000 0.1000000 0.2000000
## [449] 0.1500000 0.2000000 0.1600000 0.2000000 0.2000000 0.2000000 0.2000000
## [456] 0.2000000 0.1055556 0.1000000 0.2000000 0.1666667 0.2000000 0.1222222
## [463] 0.1000000 0.1148148 0.2000000 0.2000000 0.1027174 0.1000000 0.2000000
## [470] 0.2000000 0.1333333 0.2000000 0.2000000 0.1000000 0.1333333 0.2000000
## [477] 0.2000000 0.1666667 0.1777778 0.2000000 0.1000000 0.1200000 0.1005105
## [484] 0.1600000 0.2000000 0.1000000 0.2000000 0.2000000 0.2000000 0.2000000
## [491] 0.1000000 0.1083333 0.1222222 0.1000000 0.2000000 0.1100000 0.2000000
## [498] 0.2000000 0.1489177 0.1500000 0.1333333 0.2000000 0.1750000 0.1250000
## [505] 0.2000000 0.1000000 0.1000000 0.1212121 0.1500000 0.1333333 0.1000000
## [512] 0.2000000 0.1166667 0.1666667 0.1142857 0.1333333 0.1071429 0.1214286
## [519] 0.1333333 0.2000000 0.1095238 0.1000000 0.1000000 0.1800000 0.2000000
## [526] 0.1571429 0.1000000 0.1547619 0.1000000 0.1833333 0.2000000 0.1000000
## [533] 0.2000000 0.1333333 0.2000000 0.2000000 0.1111111 0.1000000 0.2000000
## [540] 0.1666667 0.1000000 0.2000000 0.1000000 0.2000000 0.2000000 0.1238095
## [547] 0.2000000 0.1555556 0.2000000 0.1000000 0.1000000 0.1000000 0.1000000
## [554] 0.1666667 0.1000000 0.1000000 0.2000000 0.2000000 0.1166667 0.1000000
## [561] 0.1333333 0.2000000 0.1000000 0.2000000 0.1333333 0.1500000 0.2000000
## [568] 0.2000000 0.2000000 0.1750000 0.2000000 0.1000000 0.1923077 0.2000000
## [575] 0.2000000 0.1428571 0.1111111 0.1000000 0.2000000 0.2000000 0.1166667
## [582] 0.1333333 0.1000000 0.2000000 0.1083333 0.1157895 0.1777778 0.1111111
## [589] 0.2000000 0.1000000 0.1000000 0.1000000 0.1000000 0.1600000 0.2000000
## [596] 0.2000000 0.1215686 0.1400000 0.1500000 0.1000000 0.1000000 0.2000000
## [603] 0.2000000 0.1000000 0.1000000 0.2000000 0.2000000 0.2000000 0.1083333
## [610] 0.1000000 0.2000000 0.1000000 0.2000000 0.1200000 0.2000000 0.2000000
## [617] 0.2000000 0.1444444 0.1000000 0.2000000 0.1500000 0.1714286 0.1000000
## [624] 0.1500000 0.1117647 0.1333333 0.1000000 0.1333333 0.1129032 0.1062069

```

```

## [631] 0.1000000 0.2000000 0.1010422 0.1000000 0.1083333 0.1666667 0.1600000
## [638] 0.1066667 0.1083333 0.1200000 0.1000000 0.1333333 0.2000000 0.1000000
## [645] 0.1222222 0.1060000 0.1000000 0.2000000 0.2000000 0.2000000 0.1250000
## [652] 0.1000000 0.2000000 0.2000000 0.1000000 0.1250000 0.2000000 0.1166667
## [659] 0.1000000 0.1571429 0.2000000 0.1666667 0.2000000 0.1000000 0.1000000
## [666] 0.1500000 0.1666667 0.1000000 0.1333333 0.1000000 0.2000000 0.2000000
## [673] 0.1333333 0.1000000 0.1000000 0.2000000 0.2000000 0.2000000 0.2000000
## [680] 0.1750000 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000 0.1500000
## [687] 0.1000000 0.2000000 0.1000000 0.1500000 0.2000000 0.1222222 0.2000000
## [694] 0.1000000 0.1583333 0.2000000 0.1333333 0.1000000 0.2000000 0.2000000
## [701] 0.2000000 0.1000000 0.2000000 0.1500000 0.1500000 0.2000000 0.1250000
## [708] 0.1250000 0.1000000 0.2000000 0.1000000 0.1142857 0.1200000 0.1000000
## [715] 0.1666667 0.2000000 0.2000000 0.2000000 0.1333333 0.1200000 0.1000000
## [722] 0.1319444 0.1333333 0.1000000 0.1160000 0.2000000 0.1750000 0.1000000
## [729] 0.1250000 0.2000000 0.1000000 0.2000000 0.2000000 0.1016667 0.1666667
## [736] 0.1111111 0.1000000 0.1015873 0.1187500 0.2000000 0.2000000 0.1000000
## [743] 0.1000000 0.1037037 0.1111111 0.2000000 0.1000000 0.2000000 0.1400000
## [750] 0.1000000 0.2000000 0.1000000 0.1142857 0.1818182 0.1000000 0.1272727
## [757] 0.1333333 0.2000000 0.1000000 0.2000000 0.1000000 0.2000000 0.1285714
## [764] 0.1595238 0.1095238 0.1000000 0.1408333 0.1333333 0.1714286 0.1000000
## [771] 0.2000000 0.1315789 0.1866667 0.1333333 0.2000000 0.1045455 0.1000000
## [778] 0.1750000 0.1200000 0.2000000 0.1333333 0.2000000 0.1500000 0.1000000
## [785] 0.2000000 0.2000000 0.1318919 0.2000000 0.1000000 0.2000000 0.1000000
## [792] 0.1200000 0.1500000 0.1458333 0.1000000 0.1000000 0.2000000 0.2000000
## [799] 0.1000000 0.1333333 0.1033333 0.1500000 0.1424242 0.1085586 0.1285714
## [806] 0.1000000 0.1025641 0.1333333 0.2000000 0.1000000 0.1000000 0.1333333
## [813] 0.1166667 0.1000000 0.2000000 0.2000000 0.1500000 0.1000000 0.2000000
## [820] 0.1250000 0.2000000 0.2000000 0.1500000 0.2000000 0.1000000 0.1555556
## [827] 0.1282759 0.1000000 0.2000000 0.2000000 0.2000000 0.1250000 0.1295800
## [834] 0.2000000 0.2000000 0.2000000 0.2000000 0.1500000 0.2000000 0.1000000
## [841] 0.2000000 0.1600000 0.1166667 0.2000000 0.2000000 0.1000000 0.2000000
## [848] 0.1000000 0.1000000 0.2000000 0.2000000 0.1000000 0.1192308 0.2000000
## [855] 0.1200000 0.1000000 0.1030303 0.2000000 0.2000000 0.2000000 0.2000000
## [862] 0.1866667 0.1000000 0.2000000 0.2000000 0.2000000 0.2000000 0.1142857
## [869] 0.1500000 0.2000000 0.2000000 0.1803419 0.1000000 0.2000000 0.2000000
## [876] 0.2000000 0.2000000 0.2000000 0.1000000 0.2000000 0.2000000 0.2000000
## [883] 0.2000000 0.1111111 0.1333333 0.1333333 0.2000000 0.2000000 0.2000000
## [890] 0.2000000 0.2000000 0.1200000 0.1000000 0.2000000 0.1333333 0.2000000
## [897] 0.1333333 0.1000000 0.2000000 0.1000000 0.2000000 0.1257143 0.2000000
## [904] 0.1066667 0.1435897 0.1250000 0.2000000 0.1333333 0.1115385 0.2000000
## [911] 0.2000000 0.2000000 0.1333333 0.1500000 0.2000000 0.1071429 0.2000000
## [918] 0.2000000 0.1250000 0.1000000 0.1500000 0.1000000 0.1224270 0.2000000
## [925] 0.1777778 0.1500000 0.2000000 0.1000000 0.2000000 0.1800000 0.2000000
## [932] 0.2000000 0.1250000 0.2000000 0.2000000 0.2000000 0.1000000 0.1000000
## [939] 0.1000000 0.1309524 0.2000000 0.1388889 0.1333333 0.2000000 0.1000000
## [946] 0.1166667 0.1866667 0.2000000 0.1000000 0.2000000 0.2000000 0.2000000
## [953] 0.1000000 0.2000000 0.2000000 0.1142857 0.1000000 0.1000000 0.1000000
## [960] 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000 0.1000000 0.1000000
## [967] 0.2000000 0.2000000 0.1000000 0.1000000 0.1374269 0.1000000 0.2000000
## [974] 0.2000000 0.1000000 0.1333333 0.2000000 0.2000000 0.1000000 0.1333333
## [981] 0.2000000 0.1111111 0.1000000 0.2000000 0.2000000 0.1666667 0.1500000
## [988] 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000 0.1000000 0.2000000
## [995] 0.2000000 0.2000000 0.2000000 0.2000000 0.1600000 0.1500000 0.1500000
## [1002] 0.2000000 0.2000000 0.1500000 0.1014493 0.1000000 0.2000000 0.1000000

```

```
## [1009] 0.1200000 0.2000000 0.2000000 0.1000000 0.2000000 0.1333333 0.2000000
## [1016] 0.2000000 0.1111111 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000
## [1023] 0.1000000 0.2000000 0.1000000 0.1000000 0.1000000 0.2000000 0.2000000
## [1030] 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000
## [1037] 0.2000000 0.2000000 0.1000000 0.1244444 0.2000000 0.1000000 0.1000000
## [1044] 0.1000000 0.1125000 0.1500000 0.2000000 0.2000000 0.2000000 0.1666667
## [1051] 0.1000000 0.1000000 0.1111111 0.2000000 0.2000000 0.2000000 0.2000000
## [1058] 0.1000000 0.1500000 0.2000000 0.1166667 0.1000000 0.2000000 0.1000000
## [1065] 0.2000000 0.1000000 0.2000000 0.2000000 0.2000000 0.2000000 0.1000000
## [1072] 0.2000000 0.1000000 0.2000000 0.2000000 0.1000000 0.1888889 0.1000000
## [1079] 0.1000000 0.1222222 0.1000000 0.2000000 0.2000000 0.1000000 0.2000000
## [1086] 0.1666667 0.2000000 0.2000000 0.1500000 0.1666667 0.2000000 0.1833333
## [1093] 0.1000000 0.2000000 0.1040816 0.2000000 0.1000000 0.1250000 0.1222222
## [1100] 0.2000000 0.1333333 0.2000000 0.2000000 0.2000000 0.1166667 0.2000000
## [1107] 0.2000000 0.1000000 0.2000000 0.2000000 0.1000000 0.2000000 0.2000000
## [1114] 0.1214286 0.1600000 0.2000000 0.1000000 0.2000000 0.1000000 0.1000000
## [1121] 0.2000000 0.1000000 0.1083333 0.2000000 0.2000000 0.1250000 0.2000000
## [1128] 0.2000000 0.2000000 0.2000000 0.2000000 0.1000000 0.1000000 0.2000000
## [1135] 0.1000000 0.2000000 0.1000000 0.2000000 0.1500000 0.1000000 0.2000000
## [1142] 0.2000000 0.1000000 0.2000000 0.2000000 0.2000000 0.1500000 0.1000000
## [1149] 0.1042424 0.1428571 0.1500000 0.1000000 0.2000000 0.2000000 0.1428571
## [1156] 0.1714286 0.2000000 0.2000000 0.2000000 0.1000000 0.1166667 0.1000000
## [1163] 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000 0.1083333
## [1170] 0.1333333 0.1000000 0.2000000 0.2000000 0.2000000 0.1000000 0.1666667
## [1177] 0.1333333 0.1333333 0.2000000 0.2000000 0.1600000 0.1400000 0.2000000
## [1184] 0.1000000 0.1000000 0.2000000 0.2000000 0.2000000 0.1333333 0.2000000
## [1191] 0.2000000 0.2000000 0.1000000 0.1000000 0.2000000 0.2000000 0.1000000
## [1198] 0.1000000 0.2000000 0.1437500 0.1000000 0.2000000 0.1333333 0.1000000
## [1205] 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000 0.1211538 0.1333333
## [1212] 0.2000000 0.1000000 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000
## [1219] 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000 0.1388889 0.1000000
## [1226] 0.2000000 0.1500000 0.2000000 0.2000000 0.1000000 0.2000000 0.2000000
## [1233] 0.2000000 0.2000000 0.2000000 0.2000000 0.1333333 0.1000000 0.2000000
## [1240] 0.1000000 0.2000000 0.1333333 0.1266667 0.1000000 0.2000000 0.2000000
## [1247] 0.1000000 0.1000000 0.2000000 0.1000000 0.1111111 0.1000000 0.2000000
## [1254] 0.1142857 0.1000000 0.2000000 0.1333333 0.1500000 0.2000000 0.2000000
## [1261] 0.1000000 0.1200000 0.1666667 0.2000000 0.1000000 0.2000000 0.2000000
## [1268] 0.1000000 0.2000000 0.1000000 0.1333333 0.2000000 0.1200000 0.1000000
## [1275] 0.1000000 0.2000000 0.1208333 0.1083333 0.1000000 0.2000000 0.2000000
## [1282] 0.2000000 0.1000000 0.1000000 0.1090909 0.2000000 0.1000000 0.1000000
## [1289] 0.1000000 0.1000000 0.2000000 0.2000000 0.1000000 0.1333333 0.1000000
## [1296] 0.1500000 0.2000000 0.2000000 0.2000000 0.2000000 0.2000000 0.1333333
## [1303] 0.2000000 0.1666667 0.1000000 0.2000000 0.2000000 0.1800000 0.1000000
## [1310] 0.2000000 0.1000000 0.1000000 0.1333333 0.1000000 0.2000000 0.2000000
## [1317] 0.1000000 0.2000000 0.2000000 0.2000000 0.1000000 0.1047619 0.1000000
## [1324] 0.1200000 0.1000000 0.2000000 0.2000000
```

```
boxplot.stats(data1$PageValues)$out
```

```
##      [1]  54.17976426  19.44707913  38.30849268  22.91603570  11.43941195
##      [6]  17.53595893   8.00074074   1.70601497  46.53017511  19.34265017
##     [11] 109.17600000  96.25511582 153.44324780  33.79956701  35.09280000
##     [16]  17.76266667   7.14626089  22.03276923   4.36851556   8.77247312
##     [21]  51.46331148  38.99000000  53.98920000   6.83179239  44.67925000
```

##	[26]	59.79014286	7.10302083	19.66818546	9.22700097	34.43601877
##	[31]	12.01656549	16.14384000	2.81081247	27.26888014	11.92009615
##	[36]	78.93483561	15.88906362	11.99554040	18.36804916	17.52765600
##	[41]	61.93950000	8.68274193	9.70211328	7.25621913	10.10222222
##	[46]	25.96702005	9.16235124	1.86577778	33.61179170	7.16961749
##	[51]	22.80152439	3.54114583	9.29477564	6.87130898	35.99261538
##	[56]	53.13428571	8.83382593	10.60089168	5.51397619	27.45138186
##	[61]	17.84230699	16.71534488	2.18871852	57.72936040	2.08053355
##	[66]	45.43167130	10.79295070	8.48272727	18.58476190	3.07783607
##	[71]	6.48279827	69.43043195	6.44505150	20.97144000	19.71468924
##	[76]	4.64200000	4.49474123	4.66707927	7.88237726	2.34680043
##	[81]	3.60939851	52.10818182	32.64521053	31.30943640	43.36163690
##	[86]	2.52661686	2.08621849	8.60004310	9.15008000	15.66445171
##	[91]	7.89117101	1.08815823	44.61199852	54.85543000	13.00183962
##	[96]	23.86359286	29.45815149	3.14861538	3.69134483	15.32910159
##	[101]	11.10765050	8.49793548	25.18800000	75.06781572	8.70832432
##	[106]	21.22386735	17.53800000	9.93018701	8.22416854	31.18800000
##	[111]	43.79717364	63.58800000	3.31108000	3.29868000	2.30432258
##	[116]	33.53327578	20.11751289	2.91551163	35.83709310	62.16886364
##	[121]	4.09528892	13.46406308	28.39335492	6.62664774	10.83431037
##	[126]	18.86490000	30.65045455	64.73250000	35.10378279	144.39348880
##	[131]	60.04549665	5.69864286	9.02840668	11.77367361	21.92521348
##	[136]	37.41814196	33.14784917	40.79320000	14.68324522	12.35784720
##	[141]	10.16517157	13.28355556	33.47777322	21.04864167	19.95572297
##	[146]	10.86926050	10.37042373	0.12069991	41.35007203	77.96000000
##	[151]	5.15066360	20.32388105	45.75040000	27.12804201	35.49000000
##	[156]	16.33942857	10.78136364	8.56742687	53.25533333	29.24325000
##	[161]	33.41000000	32.57831300	27.75904925	16.94643793	28.05094335
##	[166]	92.48220630	4.59900000	16.88069613	4.28929286	23.83323089
##	[171]	78.34560177	6.50683140	2.17973077	15.30003763	62.34813701
##	[176]	3.88945946	60.29018448	26.66133333	64.60000000	20.26155684
##	[181]	10.23187302	74.08800000	22.88908649	14.32200000	10.93482456
##	[186]	9.54306032	13.63463318	13.10326241	13.60512012	15.03328131
##	[191]	11.45469444	39.03580426	14.89210837	261.49128570	22.96411765
##	[196]	33.32796813	18.95323404	19.36549550	8.63171951	12.09216190
##	[201]	10.84440741	3.81057528	11.12342124	9.40113658	27.30636660
##	[206]	20.91831644	49.82333333	60.19477937	7.75388016	54.95126905
##	[211]	4.74573684	19.53495497	3.97827642	20.30438949	6.47591016
##	[216]	24.13073118	29.35629782	81.24750000	33.14514286	7.37168261
##	[221]	7.94580554	30.89798500	15.43344000	18.02533000	80.68062856
##	[226]	76.78667659	39.63270309	52.70052142	7.27206780	10.63449802
##	[231]	35.98106601	14.10053333	5.41764444	27.07791667	1.70506715
##	[236]	18.20995652	16.56314545	14.25648352	7.14142857	27.23866195
##	[241]	13.62630613	11.48461765	10.91300022	85.75285870	40.76128000
##	[246]	7.96464950	12.55220741	3.33233333	50.66498303	2.39760000
##	[251]	6.93823535	39.71730000	19.92584938	30.09281343	6.46783170
##	[256]	31.54642738	44.71103438	10.32166068	9.93839923	1.66011818
##	[261]	39.65538156	29.01038502	45.82931440	12.53314286	10.35720000
##	[266]	20.85956757	54.24886418	14.02920000	88.78460596	27.38224222
##	[271]	17.12545455	9.05308156	33.32834503	9.51742105	6.28404491
##	[276]	4.46539835	9.09277193	57.96417654	2.84230701	10.78200000
##	[281]	49.47040982	6.54801138	1.81647407	14.63957834	5.57672094
##	[286]	109.91240510	44.73466667	5.77095998	3.79566102	17.34893623
##	[291]	16.17280000	1.59277419	54.67634844	91.98000000	11.99264025

##	[296]	33.33074497	39.85866667	19.99600000	26.12015415	24.75047619
##	[301]	54.98000000	5.63810309	11.51923077	14.68950000	6.74850000
##	[306]	20.24536970	17.99100000	10.94723077	46.00643478	8.08269000
##	[311]	32.06509091	18.11148387	26.98312500	28.39833333	16.82505000
##	[316]	20.39448649	9.60952941	2.66333333	2.78288636	59.98800000
##	[321]	21.11629630	14.79200000	4.50827105	54.97590000	10.21229767
##	[326]	23.06900000	2.84677966	24.63837838	17.69657143	22.33920000
##	[331]	5.18545728	4.37440127	43.19228571	20.91692308	2.97321429
##	[336]	0.58275000	26.54550000	18.46989474	4.37691579	34.99166667
##	[341]	19.38181818	12.48412500	4.87396936	32.94600000	143.21153850
##	[346]	32.68969091	3.43121032	13.07329412	33.96120000	51.11722549
##	[351]	4.25425000	44.47733333	25.90331034	1.72216495	16.04860714
##	[356]	21.02481633	7.52930233	35.23398450	6.16500000	31.19040000
##	[361]	18.99269231	9.41727213	4.16325956	12.63441176	8.01155335
##	[366]	4.24268841	22.62989583	32.79937500	23.60518919	19.78135119
##	[371]	6.22104545	2.74120000	2.20849444	65.98800000	5.49450000
##	[376]	7.66863953	13.66158824	8.97993461	86.38800000	4.94776628
##	[381]	2.57906493	22.32934737	33.65010000	2.56845476	18.56148000
##	[386]	6.31074074	5.78902857	0.51338599	42.86628090	71.48800000
##	[391]	53.98800000	10.17225000	41.92518987	49.62545455	8.56913417
##	[396]	28.79400000	3.06076596	7.15275045	7.73490310	4.50438182
##	[401]	15.08488235	31.17812500	23.55437500	29.77418182	0.67312759
##	[406]	2.27359877	57.58400000	34.34857143	18.37062500	5.97606061
##	[411]	29.31555556	15.15205714	14.33124324	146.23875000	2.87395468
##	[416]	39.97777778	2.61345292	54.33103704	101.37217390	33.19600000
##	[421]	20.79115942	9.51171429	33.33358140	19.13415285	7.61043115
##	[426]	2.05081452	5.99714286	215.00941180	5.22070588	15.00476190
##	[431]	4.23021224	11.80233651	4.70950000	9.92297297	44.29661538
##	[436]	3.09900000	32.14213333	4.98723750	19.42810000	19.59533333
##	[441]	2.08778274	3.91912698	7.86895024	12.55885714	33.44055556
##	[446]	9.02732082	71.94400000	12.07468889	9.00185714	13.40298256
##	[451]	14.96432000	31.40784000	7.34532174	47.93128205	30.26937500
##	[456]	4.74420635	34.49250000	10.44450000	55.23646154	20.39400000
##	[461]	64.78800000	29.84800000	28.53153488	18.99561538	13.11733918
##	[466]	0.76107626	53.22881633	34.25336842	10.64805714	4.75993537
##	[471]	39.75577236	17.07978235	5.38296875	97.98000000	5.46638776
##	[476]	39.81885714	29.77472727	12.68583158	20.97239726	15.47720763
##	[481]	22.58886486	12.83705128	53.10142857	18.12446087	49.54827273
##	[486]	43.25200000	7.29175758	10.02085714	26.02377063	82.12367816
##	[491]	25.19400000	75.30864691	2.99546575	18.08584615	6.97650463
##	[496]	2.35344463	13.71812571	17.16745965	11.01942857	16.18920000
##	[501]	9.29700000	27.89977528	79.18200000	11.97910693	15.35760339
##	[506]	5.98116667	12.18000000	14.99642857	15.24900000	9.31185484
##	[511]	10.24598305	22.08800000	9.40753846	11.29607044	2.77690727
##	[516]	49.66307692	19.55501935	239.98000000	5.56928571	25.61645833
##	[521]	12.55885714	26.22981818	80.04344186	39.27145714	8.78114423
##	[526]	2.96749333	17.39171429	41.86896000	2.91751809	60.43385263
##	[531]	10.67331708	32.80852174	60.34235294	115.48625000	13.77355814
##	[536]	25.41321429	51.17600000	7.53010714	119.64147370	12.89150000
##	[541]	3.49003636	45.69873563	3.32266667	8.96089646	23.62159091
##	[546]	36.65444444	5.30400000	1.84752000	4.27929412	34.26077778
##	[551]	2.09050000	23.41540000	6.07215854	49.95438177	24.61425000
##	[556]	98.04262564	15.51193548	26.87520000	30.66624113	58.48800000
##	[561]	2.32110109	58.78800000	124.03200000	18.65333333	3.97647235

##	[566]	7.01820000	63.39474419	165.62046670	16.07106667	9.38037705
##	[571]	5.47297463	100.77760000	2.55407143	14.75710476	16.16701333
##	[576]	2.70583333	11.19189333	8.32520690	56.32466667	57.58892308
##	[581]	10.09862222	22.12888889	5.34489889	6.12878750	15.39560000
##	[586]	11.13171429	2.09904546	0.54612830	0.20166372	4.18760274
##	[591]	28.29538462	1.80936078	6.21109470	14.99250000	1.08977130
##	[596]	11.28411429	113.98000000	23.51440000	16.19700000	0.25519149
##	[601]	12.45500000	30.46158730	7.43586667	49.38860000	24.72661836
##	[606]	11.37678683	19.23625000	3.20030488	30.01288235	53.98800000
##	[611]	3.35689286	22.29939130	27.43209507	35.09100000	24.34016667
##	[616]	254.60715790	8.18160000	13.32592593	10.12275000	30.52636364
##	[621]	31.90387500	52.08342857	23.87629104	53.98800000	8.54525000
##	[626]	7.20461368	9.01301137	56.35884615	54.21806897	9.64107692
##	[631]	4.14887838	20.00310000	7.79352857	42.41914286	36.51581481
##	[636]	4.24737209	80.58733784	2.22727869	44.99000000	2.34141972
##	[641]	15.40042308	43.99000000	10.51809524	13.09154641	12.73144186
##	[646]	5.07811494	10.98707143	1.41844040	14.98333333	5.74405797
##	[651]	8.56714286	50.99250000	11.15734286	92.83857143	8.08875000
##	[656]	16.42363253	37.60935484	10.80188719	12.65343750	19.11274510
##	[661]	16.70657143	59.98800000	7.09147826	14.75911588	72.78800000
##	[666]	14.55428571	11.19263415	2.39491796	13.36332468	27.71340000
##	[671]	64.33043478	102.35383780	100.09636360	13.40247586	18.66333333
##	[676]	8.90355790	9.13976077	5.47953231	31.31885714	19.78533333
##	[681]	7.10814815	9.87764706	6.14763380	4.43034783	12.44030746
##	[686]	5.68955411	2.32316216	45.61250000	3.92601413	1.78681908
##	[691]	8.12619355	115.98000000	2.99226778	2.79741471	42.95612903
##	[696]	4.27280769	2.79047368	12.76243133	31.75846154	42.89057143
##	[701]	107.21702130	40.43377778	37.69920000	21.58800000	30.80927957
##	[706]	17.24870115	48.86800000	47.65566667	98.13692308	53.98800000
##	[711]	53.98800000	10.48533333	8.39781818	107.94000000	10.07328000
##	[716]	48.72995628	24.27165000	4.62947010	8.88711111	22.74458333
##	[721]	22.27457143	25.38925926	53.47457143	0.86048473	9.07305263
##	[726]	5.01527273	6.58800000	173.46979170	50.82975000	11.69485714
##	[731]	24.40764444	20.60836364	10.39760000	0.93697917	71.46597872
##	[736]	3.34840769	26.34343478	45.48950000	32.38200000	44.38800000
##	[741]	14.85131250	26.59353846	70.01826316	16.12416000	56.62363636
##	[746]	5.92148209	8.02283951	6.40261290	62.07882353	48.86400000
##	[751]	57.47400000	9.59740540	10.45437681	2.52499396	79.00000000
##	[756]	8.60439130	19.34826667	13.99676923	23.32166667	3.38287678
##	[761]	2.17243137	17.05922581	7.97550000	8.92659857	23.61948148
##	[766]	53.98800000	19.29753191	16.67022740	12.27419487	3.24165306
##	[771]	4.76956682	18.27428571	3.06437838	25.10900000	10.11360897
##	[776]	20.37964966	50.38800000	6.81210526	72.30208696	8.18409508
##	[781]	27.74177162	55.84860000	39.18600000	17.80800000	22.89636364
##	[786]	3.35813333	15.18412500	7.60937143	16.16333333	13.11145455
##	[791]	16.53909091	68.37600000	13.53068367	9.84981647	8.89759459
##	[796]	8.05261667	54.07524113	21.76475048	54.97036364	7.15342105
##	[801]	8.06902765	9.10293742	2.48338983	28.52788235	26.65777778
##	[806]	18.84400000	6.62494737	16.94046729	59.96777143	14.73709091
##	[811]	7.94153153	5.13771429	63.89100000	6.53004878	10.62514286
##	[816]	9.74025000	8.86844901	13.67493333	12.59910233	26.98000000
##	[821]	3.99800000	12.15210526	55.48500000	38.20940741	5.67728649
##	[826]	4.54760000	5.24475000	9.86512500	43.81043478	69.27860870
##	[831]	42.50333333	15.94680000	8.50823750	32.19080000	5.71006128

##	[836]	1.91417497	31.22000000	5.18516514	1.03376402	24.73875000
##	[841]	91.24600000	16.48421053	9.99166667	8.25657236	47.26060606
##	[846]	35.98000000	2.56153846	49.39271642	11.47812903	17.54100000
##	[851]	64.46185714	12.13161988	15.65808387	16.10052632	6.22104545
##	[856]	7.99800000	5.15946221	26.98500000	38.20357895	26.54550000
##	[861]	54.98000000	3.98411070	5.79800000	5.90318182	3.07670690
##	[866]	58.10562500	64.08126316	53.22268667	7.72677966	8.49565116
##	[871]	12.59766667	33.84778378	1.91242222	23.98800000	5.78298825
##	[876]	11.28427500	1.55838139	27.66400000	1.53483598	32.43738462
##	[881]	10.17002765	24.02645488	33.92511220	20.88818182	22.20401709
##	[886]	3.22951818	12.61543434	27.81913043	15.02583766	8.45250000
##	[891]	23.13000000	6.78300000	11.82904110	6.07673457	19.11050000
##	[896]	23.23500000	22.93531071	4.19760000	0.90283568	36.25600000
##	[901]	9.06533333	84.30663844	28.03452632	24.28650000	17.19073913
##	[906]	15.25033754	16.78420229	26.27933158	11.96396809	58.16727273
##	[911]	14.98487500	20.11792982	31.98000000	15.81839583	6.67369565
##	[916]	6.09432432	28.25395506	16.09065000	24.89700000	109.58760000
##	[921]	28.94180488	21.07980488	32.98533333	12.08192262	6.14934386
##	[926]	54.53454545	11.38642105	30.57647059	11.33463158	1.03609091
##	[931]	20.62474136	1.32413545	5.54002467	3.55484781	67.73686486
##	[936]	30.32360000	11.96954545	17.27040000	21.59520000	7.25975000
##	[941]	17.70684845	30.87724138	80.11800000	28.16275000	5.81616797
##	[946]	25.48400000	8.92682353	44.56114286	3.48535252	3.89035018
##	[951]	22.73800000	54.65714872	1.45695152	13.99000000	51.60705882
##	[956]	12.45099015	6.73839524	16.32244444	33.11280000	3.32397132
##	[961]	11.98800000	24.90144186	26.93792373	13.18408163	72.52076923
##	[966]	17.94797101	11.87691429	20.13555556	5.69412121	36.89921429
##	[971]	59.12446780	2.69079257	3.11104706	22.73800000	13.99708333
##	[976]	8.35350804	0.76382896	14.84053801	13.81852727	26.45082237
##	[981]	22.45821429	39.15000000	23.38800000	14.38800000	10.87212857
##	[986]	3.66361702	21.31800000	11.19300000	6.38086274	29.90282143
##	[991]	2.90417718	7.88047826	39.42000000	40.87111111	1.68031884
##	[996]	31.75764706	62.86600000	19.21218939	37.51854545	7.30065686
##	[1001]	19.31540000	1.16407539	17.37391304	49.38800000	68.85704348
##	[1006]	113.15121950	53.66290909	8.48851852	6.56062500	1.11975904
##	[1011]	22.31912500	27.44491667	4.85884286	32.02714286	8.07242617
##	[1016]	7.80261111	5.51334591	14.69293103	1.83150000	24.50485714
##	[1021]	33.78800000	15.39560000	5.16713333	49.01914286	19.11506897
##	[1026]	8.07853125	52.05165000	9.12739130	4.30831579	22.02197159
##	[1031]	17.19611523	17.54550000	5.94202564	18.80505000	9.74550000
##	[1036]	23.03329412	9.96092308	7.63664516	9.32353175	19.44800000
##	[1041]	32.70730435	6.28149451	8.10000000	42.29306752	28.06804986
##	[1046]	19.82770888	204.00794910	4.34814562	36.66178288	5.12835823
##	[1051]	72.52283848	48.04726202	32.70034468	3.29682730	51.03362522
##	[1056]	106.25251690	54.56704868	1.79866986	7.76628090	60.43737784
##	[1061]	19.71529542	8.48084626	6.37377062	7.68745056	6.28290460
##	[1066]	6.17593201	86.33623272	4.19298038	16.56478478	77.45798550
##	[1071]	26.13034871	14.00979215	0.84733799	44.85638692	8.42478735
##	[1076]	22.65941331	20.55494533	39.96971545	1.98103839	20.94544525
##	[1081]	4.48432849	4.39547154	32.95851549	2.04276233	0.87014848
##	[1086]	4.58691025	10.89761784	10.99901844	21.09392209	10.72117234
##	[1091]	3.08510364	27.28786900	1.02339158	4.85637711	32.89701477
##	[1096]	69.46239458	1.29767792	41.64590199	22.53693712	5.68914747
##	[1101]	43.29821166	2.15383930	16.36245374	12.90587650	1.40194913

##	[1106]	8.15081124	1.47623044	41.34613116	12.08836478	27.19298393
##	[1111]	17.92758699	3.47813562	19.13285864	11.33062869	4.21241576
##	[1116]	27.89717093	22.09581063	16.72561819	61.30486592	13.91046998
##	[1121]	19.96563610	3.99818414	20.33155364	6.80128988	19.03293603
##	[1126]	19.57059225	47.57360345	78.56959864	18.22752549	5.19408187
##	[1131]	246.75859020	0.77099186	47.30370179	7.23220186	8.01883246
##	[1136]	32.73061637	4.70206553	17.35448787	100.72560480	35.51518951
##	[1141]	12.50786523	3.97954364	27.79373861	11.78466261	8.33057482
##	[1146]	47.57898514	15.50362136	1.27331741	9.25316168	129.10137380
##	[1151]	1.71821884	1.25769552	31.90320066	14.63523974	5.76367882
##	[1156]	5.62486136	2.00603294	50.18313917	11.43923328	0.17982681
##	[1161]	0.93770521	0.13183701	27.51283930	19.74930078	32.93460110
##	[1166]	13.73292849	31.99181419	79.44353446	67.30929078	28.05716135
##	[1171]	3.67382907	13.18078221	32.52380772	24.12558571	3.58543983
##	[1176]	11.27445733	31.91414045	18.09857173	48.04390582	15.82044157
##	[1181]	13.86451214	24.51269374	10.17711218	0.83898825	11.28379079
##	[1186]	63.45892077	0.12967689	9.23193486	18.51505467	2.66499497
##	[1191]	14.83978240	4.17431402	29.61151281	0.70015501	63.55337685
##	[1196]	12.57401830	12.39204312	5.76134744	5.69765900	6.15320138
##	[1201]	1.46401043	40.27815244	25.85442016	62.85326100	9.86964937
##	[1206]	27.31414742	22.25592956	24.91845480	0.87504793	19.23268976
##	[1211]	153.57769750	11.59522570	5.90440756	14.85337253	16.96712066
##	[1216]	33.22292729	0.89849541	27.65096750	39.27673964	2.20997269
##	[1221]	60.58437066	2.84831224	19.18310758	6.18921543	5.28700576
##	[1226]	40.78047078	5.86043977	8.30490394	40.08238165	40.43578994
##	[1231]	44.89345937	37.92414395	23.07581495	38.12368584	6.34463177
##	[1236]	54.99509220	52.28594057	0.70208676	4.30762725	54.91911804
##	[1241]	28.32886648	39.42556512	42.30391708	2.10185027	4.08394802
##	[1246]	34.75023292	27.69500776	7.56292207	0.78090582	13.59420027
##	[1251]	58.92417660	34.52221170	39.41924911	2.48002464	19.63031016
##	[1256]	0.15216744	94.01683315	0.88848596	8.04958574	7.19882000
##	[1261]	3.17042646	32.73373471	20.42600013	3.16408831	10.20777685
##	[1266]	2.55114081	17.79528223	7.24875774	11.27546478	23.15073799
##	[1271]	88.39170518	60.04472938	30.04921703	40.65972700	2.05188208
##	[1276]	2.85203674	5.64799440	20.71678117	5.17710684	0.72018102
##	[1281]	8.43520691	1.69696894	19.43795945	15.13596148	10.02470626
##	[1286]	4.02799842	88.84365062	6.71129059	37.53469014	55.82099528
##	[1291]	21.24191985	5.88595629	35.34967016	83.80837784	3.96093872
##	[1296]	117.61659320	24.68624612	28.80119616	12.19588410	8.51722125
##	[1301]	55.89978908	94.10360412	4.21536354	3.99674242	166.37355310
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##	[1316]	34.03997536	3.87058804	20.62387076	10.99901844	22.36033441
##	[1321]	10.31930868	21.74067473	52.97841866	4.40657816	14.40305750
##	[1326]	11.70316410	9.16303842	22.15399132	10.15253138	92.90417860
##	[1331]	9.77521659	8.32672815	45.63345378	10.78699180	6.01267108
##	[1336]	45.55270796	12.01221257	13.29131586	258.54987320	3.16569129
##	[1341]	3.27121463	0.15482125	16.17228850	18.19675574	11.11383981
##	[1346]	8.33917199	10.95661974	70.31635146	4.76032846	17.21022568
##	[1351]	17.79812649	30.21969637	10.15064372	3.10401914	8.61122142
##	[1356]	5.86624891	87.25396293	45.71146255	50.36347405	0.13920062
##	[1361]	104.20122730	12.12586885	29.65880372	18.30205576	2.81247405
##	[1366]	7.80633848	5.72136510	0.38472029	113.92934340	3.58663645
##	[1371]	1.48374635	18.74860165	27.83116147	18.08644865	18.50321705

## [1376]	3.80104841	44.35972562	3.45938424	113.32386140	1.29823217
## [1381]	9.55062740	10.79250883	0.15065050	35.22837227	37.54741640
## [1386]	2.04513739	40.27815244	44.89345937	61.91792063	5.91534292
## [1391]	26.41021956	1.89194349	5.29201418	13.78150822	18.87145759
## [1396]	31.14097898	154.09553890	14.92784091	22.97728560	24.57349606
## [1401]	29.71496014	16.14887273	67.18378365	20.08902391	34.45943549
## [1406]	31.44363136	55.89978907	10.25950957	0.68291229	11.43180835
## [1411]	23.42271616	25.53300390	19.50605707	9.12860751	8.34275589
## [1416]	75.62994948	30.87227217	112.41412720	2.32126408	24.83718656
## [1421]	17.75267237	177.77145360	92.97624144	0.68533580	21.14016404
## [1426]	7.36509031	0.44703866	15.33867021	22.29319060	23.55043940
## [1431]	4.36518129	60.71287168	25.11150884	4.28674366	11.62063524
## [1436]	12.15713406	12.76490187	24.21760276	0.85836146	5.03440925
## [1441]	5.65927122	10.59553121	5.29026253	17.92983378	37.86167396
## [1446]	4.78307258	15.45198077	16.37978199	5.61370829	15.89480154
## [1451]	35.89140755	13.09195948	6.92982632	50.41116040	18.42740587
## [1456]	61.80843596	4.00117355	17.62211147	9.35278005	33.61787649
## [1461]	4.68307596	0.57978575	10.45977002	20.13907622	6.32447708
## [1466]	16.61211742	1.43522401	11.71746761	12.12257750	47.32661324
## [1471]	22.97507587	48.78806880	53.88782441	17.36252324	179.30729300
## [1476]	9.45344906	7.22441913	68.32050059	5.32974363	68.75226072
## [1481]	21.27271783	16.96885494	13.83791777	2.56848389	112.44062120
## [1486]	10.05190252	0.97580327	44.73610411	14.92797811	16.13470010
## [1491]	79.51302667	1.81635021	86.31034266	11.21330466	14.28629744
## [1496]	69.91439226	17.29676376	7.91345877	2.39528314	22.89972198
## [1501]	9.83618075	87.30695843	83.10114264	26.85210163	8.28511937
## [1506]	42.29306752	8.05249618	17.09528640	10.19295165	36.70369311
## [1511]	32.41773364	12.71367924	8.05223152	0.40823813	13.49047237
## [1516]	13.66308470	1.95255339	82.02143600	9.54251571	4.81894733
## [1521]	33.41173784	31.72080812	11.15668928	86.12351528	1.53353928
## [1526]	2.76705513	23.66358807	71.07435633	6.47676037	4.42805244
## [1531]	2.00164034	88.06848401	27.88924560	31.74373458	4.02332366
## [1536]	36.33496365	35.03953094	48.73081038	17.72722287	8.15436133
## [1541]	5.81815124	3.58298119	30.54596337	46.84856664	9.09821628
## [1546]	29.46284390	22.08032319	78.56959864	47.65907425	14.37785831
## [1551]	27.61615655	52.17313647	1.34213494	65.47265060	0.71462321
## [1556]	33.60744027	12.83702398	4.96452119	17.42324027	13.52088614
## [1561]	40.77935433	38.06520001	5.25128888	5.04632908	67.98927956
## [1566]	1.45383113	11.33037122	7.46846931	13.59007196	6.49444108
## [1571]	20.35484005	1.00204207	45.12532172	10.79674946	34.03997536
## [1576]	70.25958510	58.37208988	8.39128176	1.33251075	19.39995042
## [1581]	2.49131602	15.06586317	42.14163315	48.99526482	4.85962475
## [1586]	1.44476359	18.65904914	62.77367187	4.47783868	7.82683635
## [1591]	10.41358118	23.00459544	12.58722248	13.38353821	37.72031898
## [1596]	2.74971665	16.43725303	14.22049566	54.20146753	27.14408757
## [1601]	19.64189593	3.92827844	33.05509961	23.79060609	11.34860076
## [1606]	31.49043616	19.47465798	2.15909664	27.93478267	4.52963571
## [1611]	17.27062073	6.85414900	20.10126693	4.94571739	10.57326688
## [1616]	2.36883012	16.77416803	28.52919049	37.35725827	40.18975207
## [1621]	45.92878029	1.28856968	58.92417660	6.32260000	26.18180656
## [1626]	6.04720352	37.68626909	2.38596964	37.96905976	53.11442085
## [1631]	47.12454606	11.84059922	0.03803454	36.08245160	23.76322043
## [1636]	19.61979883	35.25541691	5.76741966	15.70942935	1.45392292
## [1641]	64.28793090	4.10766119	5.88766673	42.98453080	32.22252197

## [1646]	5.31610921	9.06308803	0.26809298	0.98110865	7.48051616
## [1651]	4.12743068	22.65617015	10.72449269	1.72586635	1.03375734
## [1656]	30.84751033	3.88523357	33.83646892	53.68539740	0.09862140
## [1661]	45.19820194	4.90908873	36.96220452	3.70979448	21.32413414
## [1666]	14.53547145	10.91124490	36.13790493	59.57182786	18.78186098
## [1671]	4.71893112	18.41056693	71.23156574	20.65287956	8.04107833
## [1676]	6.32869327	39.88966398	5.15026011	17.81649911	20.74935126
## [1681]	36.07906944	13.57270341	42.29306752	22.37276151	2.90865324
## [1686]	5.09191429	5.40893534	20.44064077	21.26632526	21.47142017
## [1691]	3.17966645	11.55399716	36.31643173	3.45487414	5.79089525
## [1696]	30.20357704	19.24405095	28.40448178	36.67229400	6.88718123
## [1701]	57.03508179	7.54214427	24.72209216	47.79177080	9.28454552
## [1706]	24.16451021	6.27768394	22.22165124	26.67428219	18.84993357
## [1711]	49.55482147	38.27331194	36.14032284	10.67716934	14.75943613
## [1716]	28.69843548	59.33984611	36.65735004	27.60143046	44.35848718
## [1721]	48.30461627	34.86423061	26.13036122	16.35155923	20.14579261
## [1726]	42.93595137	24.61778468	5.24586873	33.50211155	27.31510469
## [1731]	18.23386055	28.52395644	17.68865669	34.48748308	20.27555590
## [1736]	21.58031621	20.50348800	1.82747074	2.42745393	138.32083420
## [1741]	20.82613173	8.88767189	125.89390910	39.64975080	2.03927023
## [1746]	29.46208830	0.90637597	45.82834797	46.33991252	16.95907848
## [1751]	11.80891356	0.77531811	26.18852293	18.04114817	7.84853878
## [1756]	0.46840609	7.57047002	75.27712913	60.51988521	22.86584543
## [1761]	52.11335786	17.77043431	37.21183634	3.36406096	3.74015068
## [1766]	25.27760515	42.23025869	94.19490268	15.52703405	46.67852750
## [1771]	1.60801626	2.92416186	76.78094110	42.28127491	2.51497795
## [1776]	20.74810067	63.64653548	25.75263890	56.58021710	50.51764193
## [1781]	15.14864831	62.76294758	20.60235987	5.46424355	8.13727408
## [1786]	31.85608032	6.09989902	18.25059634	40.40144810	25.25564195
## [1791]	9.02274151	2.70251786	1.27140663	6.55623743	46.47480230
## [1796]	34.67841487	3.32286621	109.12115550	21.85958403	45.41882207
## [1801]	12.96520279	36.20031210	3.40143879	12.64606692	14.67198629
## [1806]	3.51285293	2.16480971	6.69365829	14.77221948	73.98253901
## [1811]	24.87208500	13.18554515	52.49862029	21.60180090	87.90296060
## [1816]	4.51110042	2.73435154	8.25808877	42.74590431	10.58098677
## [1821]	0.68098854	54.38258659	5.48289582	77.04199767	6.22999474
## [1826]	218.39519150	2.03839945	35.79969486	21.41943708	17.96069044
## [1831]	24.10206377	18.91607320	23.57537117	4.52832975	1.93549130
## [1836]	38.88816225	28.79847144	68.20038032	5.23722475	18.22304387
## [1841]	37.05600958	8.19192289	41.13336886	13.76473644	82.43263490
## [1846]	6.65133468	19.60551510	24.69983785	5.91438512	218.86490960
## [1851]	12.50325678	9.45890209	13.82316952	5.91145218	21.01746974
## [1856]	5.69858548	26.38074656	1.96359243	8.52454892	6.70944014
## [1861]	30.21878011	72.43846009	9.42936248	17.50624004	48.01365490
## [1866]	13.25001247	6.66423912	17.79456354	33.44471217	7.20120928
## [1871]	13.13492027	3.17818343	12.58590538	2.62690908	73.35866939
## [1876]	2.64762007	59.61184150	21.05431578	69.46175766	6.66492772
## [1881]	41.21691540	14.49431487	25.75735474	10.11599409	21.88856759
## [1886]	125.96174900	21.83420125	52.28491058	9.59484680	68.88769355
## [1891]	5.73160780	7.26703421	2.32566380	360.95338390	31.48142512
## [1896]	68.91364255	108.90898840	13.91832377	50.09121868	23.63939460
## [1901]	34.15414773	30.68883081	25.19297315	102.49221880	54.12171400
## [1906]	3.33383554	49.72830378	2.62734720	14.58941181	1.81848081
## [1911]	29.04476648	76.05518858	13.91276554	15.15643787	23.51024736

## [1916]	14.12736980	47.44850792	2.21702940	47.99199256	4.35051374
## [1921]	14.78162714	32.88667049	8.59748605	59.21256014	14.54270238
## [1926]	10.74211393	12.80819078	8.40316370	5.21469099	255.56915790
## [1931]	44.98081787	3.92032161	38.92648303	33.11000268	14.11909834
## [1936]	9.08476780	2.98241094	8.50558665	51.00308169	17.53927855
## [1941]	9.24228603	1.79107248	20.59247080	0.74294274	42.62274459
## [1946]	12.22605425	16.68711526	4.76054860	3.50753225	57.48364657
## [1951]	44.92362122	8.89861869	3.27774457	19.73335395	14.59072178
## [1956]	1.58932982	62.33035594	15.34988580	68.19740180	1.10444023
## [1961]	3.94042276	111.51138020	3.32266036	6.06442570	19.27621155
## [1966]	17.78585727	6.49391045	7.51342637	9.96444422	60.07483189
## [1971]	14.88419318	6.04871414	21.23960367	17.50632106	27.97007005
## [1976]	11.97037051	41.67536194	12.74039337	9.13138680	10.36159616
## [1981]	32.09724943	4.11339133	43.03066045	42.19732111	10.73461716
## [1986]	3.37306297	66.57412378	51.36077038	55.01131298	1.59780347
## [1991]	6.75096825	16.74209908	7.15007324	20.06500939	7.89093194
## [1996]	7.44824287	43.99403085	87.94459488	1.30768232	50.07598981
## [2001]	7.31189222	17.53361640	13.77521629	19.18108767	5.36441927
## [2006]	23.53105656	127.30801480	95.35469341	7.93528593	7.32900896
## [2011]	14.14050684	61.20406619	81.19520286	45.15513521	44.12861840
## [2016]	8.95865223	38.60204838	40.40144810	26.98362279	16.35594008
## [2021]	22.95499447	6.01756394	3.02657170	6.99276781	70.33953705
## [2026]	23.82324931	9.22124302	15.26399679	37.59646822	5.31230023
## [2031]	18.60589711	14.67222588	1.52957051	5.77298283	0.62451039
## [2036]	29.62188989	361.76374190	48.60947890	4.77091036	86.57772177
## [2041]	27.03986205	10.69237969	23.51599702	143.47667830	14.50274386
## [2046]	20.11392747	32.41417040	128.82786910	21.23244876	18.61684302
## [2051]	57.06546413	100.16556780	4.21336420	48.66071756	45.58268367
## [2056]	1.60682572	28.18955966	11.01940759	20.66724590	6.73374475
## [2061]	9.44292706	24.54706296	1.48321094	25.04441774	4.14145881
## [2066]	21.21126550	22.92341151	1.53931845	10.37175846	8.89683697
## [2071]	8.53392846	131.50404380	3.17906360	4.19533518	17.60939304
## [2076]	65.29516039	4.51107876	10.66936985	13.63692586	6.02352321
## [2081]	44.20382094	7.51897976	6.88976600	68.25870800	19.34978396
## [2086]	44.33548922	17.06291074	108.08938730	14.85051676	17.47671530
## [2091]	3.85165321	15.95538838	8.75404518	9.13733131	23.56763550
## [2096]	5.53990018	1.03529974	88.95486906	23.87050540	5.60638277
## [2101]	18.88360212	97.99220660	93.52994426	3.69613604	68.25041784
## [2106]	78.19779587	14.16739222	2.20900337	64.81173101	15.98803400
## [2111]	32.56725746	10.51901813	9.29401198	5.16809960	67.39709637
## [2116]	1.94305851	7.07242997	4.49558509	8.04576773	38.74833630
## [2121]	5.00765405	2.81553938	0.78027740	46.30806300	19.10349568
## [2126]	5.85066543	28.11635484	41.64625944	14.38546841	12.45078371
## [2131]	65.74605279	13.97504830	38.26667925	14.10739957	12.30811748
## [2136]	59.75418351	38.00063931	18.08361086	32.32493691	10.13196440
## [2141]	11.70614611	36.54680355	13.11682830	48.66217061	1.98455579
## [2146]	25.82676446	13.89178731	77.10821943	7.18034830	167.23083360
## [2151]	29.88386066	25.00423187	15.56462164	2.58002833	19.51010101
## [2156]	17.63434621	4.00706550	24.75265330	4.11585359	19.03391341
## [2161]	15.27655756	42.77521970	4.84736534	62.93549178	77.25951671
## [2166]	1.62505103	29.76290794	64.25350176	17.02873771	5.93133285
## [2171]	5.77097316	8.66528092	9.33174418	20.15710234	3.65172635
## [2176]	3.83607993	34.98992634	23.66458710	21.74053053	3.35943565
## [2181]	8.96074793	32.90611766	12.32661404	32.81205711	28.03795985

##	[2186]	71.38981221	7.94536829	25.21523293	0.25272174	84.87572674
##	[2191]	9.05546589	57.31589130	6.19428782	13.90010917	9.58116220
##	[2196]	16.15855820	7.98343864	8.27583441	9.64106746	111.26299390
##	[2201]	14.13747520	14.69960115	9.83635802	7.29688907	79.48403933
##	[2206]	10.57361945	1.57342323	51.75775772	43.89691103	7.23107478
##	[2211]	8.17472868	50.17693633	30.81857956	5.05214596	17.98756852
##	[2216]	103.06108270	2.63807466	5.04016763	10.38894380	19.37005896
##	[2221]	20.79483821	81.33444100	120.58791400	12.48912129	5.28608849
##	[2226]	8.83802729	11.73221807	76.79104650	1.79545100	27.77725875
##	[2231]	16.87878625	115.78194710	3.94173614	88.80448992	4.97021981
##	[2236]	72.06822266	16.97962310	5.66745092	6.06233016	1.77749255
##	[2241]	2.44215346	8.78897640	103.14028990	86.79082569	14.62413644
##	[2246]	18.16617631	13.24667166	58.20233822	46.21605051	13.49031898
##	[2251]	0.54881135	22.42576795	30.60955642	9.08476780	3.73031831
##	[2256]	5.79302679	8.05583400	24.28901413	61.58171224	27.97341787
##	[2261]	67.02771302	15.39534668	11.65798375	10.82357287	44.69642794
##	[2266]	8.96944797	9.58156105	0.68656523	1.84291362	4.48558474
##	[2271]	23.00194502	0.24515290	13.68108942	60.62885042	1.56018416
##	[2276]	31.38886179	18.16953570	18.85086521	6.78695894	13.13078340
##	[2281]	3.18749506	24.80248887	78.12165404	43.71856886	1.11415018
##	[2286]	11.37726052	105.26097200	12.36126667	27.75787044	5.75121904
##	[2291]	2.54795624	9.50949249	12.58179402	17.22281788	2.38197116
##	[2296]	34.97250838	13.38149414	48.45370723	32.02019010	20.88414313
##	[2301]	5.55251729	3.46444407	0.30531206	33.69233226	5.52378230
##	[2306]	1.25743891	14.14084367	43.77424082	1.18073661	77.80158800
##	[2311]	60.42298474	8.21617792	83.96813664	5.90747594	32.59864309
##	[2316]	2.76959892	25.05062136	25.76598645	17.60269465	59.42458922
##	[2321]	21.47448516	8.44235219	16.98117776	35.60912359	77.66478213
##	[2326]	16.81772593	128.46869390	55.46963196	56.72227169	55.31956658
##	[2331]	14.99601118	34.60160214	5.73053929	12.36004300	10.59423174
##	[2336]	18.26940096	57.82473775	37.02263046	59.51850423	42.70505393
##	[2341]	68.84905671	14.78422174	25.03946022	41.67776195	15.75636267
##	[2346]	60.73155753	0.33523237	52.38420388	6.19058208	54.16451768
##	[2351]	89.13481061	8.42192143	21.10579025	20.50963783	43.20756866
##	[2356]	17.54619116	1.37270775	0.09354695	27.03298037	17.78922266
##	[2361]	14.74449646	33.85339122	177.52882520	35.25420124	5.47387497
##	[2366]	11.68031490	56.17738060	23.30000662	119.89433270	17.85338057
##	[2371]	8.92090078	17.43149651	22.82159308	9.26982796	4.74162606
##	[2376]	13.93940910	14.45829487	42.42253100	40.01028435	8.02486573
##	[2381]	25.74700712	40.51760545	26.09995422	32.38852793	23.59811637
##	[2386]	15.84839963	45.96751050	10.12959599	52.74177636	4.64650321
##	[2391]	5.69871104	10.09867780	38.19240444	16.15855820	10.06743570
##	[2396]	52.03463312	11.93318810	60.26309658	3.54631555	3.61382908
##	[2401]	14.15437174	1.46969325	112.66613650	12.09622118	97.19657367
##	[2406]	9.41934649	7.05333500	287.95379280	51.27258615	7.96397642
##	[2411]	214.30666270	25.12339065	63.14985950	64.95645099	14.52186250
##	[2416]	3.83397413	16.04403014	0.85050952	36.86701770	5.39176749
##	[2421]	2.90787934	13.55041394	31.63684138	2.61306279	18.12700440
##	[2426]	13.43133991	5.29198915	9.96425581	16.61144026	47.83758971
##	[2431]	18.71641694	18.21579469	5.90929503	12.99938379	12.07905093
##	[2436]	5.71562257	15.15104830	34.85660705	7.05992985	56.31760103
##	[2441]	89.29548670	140.66213660	18.58457770	3.70161889	29.34770837
##	[2446]	34.29431289	12.00869742	14.12736980	5.37674059	5.15780368
##	[2451]	16.72936970	2.52721748	13.26221446	6.13598245	25.57242933

## [2456]	9.69917706	7.49715506	16.58165201	61.61833364	11.65996434
## [2461]	9.65025004	28.41708136	8.67134407	1.12514606	45.46426090
## [2466]	4.28967886	60.62238300	53.73655336	33.86849093	93.77761706
## [2471]	21.21126550	151.56505230	54.10230816	54.04869560	52.67778465
## [2476]	5.13391185	12.02904527	2.13632558	22.45841786	3.66377788
## [2481]	3.96030630	1.38579184	16.27511574	42.22150549	3.86863332
## [2486]	14.02863873	39.48337116	22.13419743	49.01323885	40.42327574
## [2491]	38.19067209	19.66912605	32.43717827	12.20780052	42.42253100
## [2496]	49.36350729	3.80128899	23.73891130	5.00266978	6.42575764
## [2501]	3.50497054	60.01343064	42.26791822	27.97632918	32.22246226
## [2506]	18.08071442	26.41113767	27.79149135	23.27552205	12.60913229
## [2511]	26.25948159	27.86366003	13.28070081	21.96462420	32.31711630
## [2516]	44.06491359	41.42209500	14.18391563	136.93795800	67.26616125
## [2521]	14.57483754	25.10043261	11.77908986	17.46396119	41.53706414
## [2526]	23.18305163	29.38287135	76.79037287	10.21771151	3.18693501
## [2531]	34.79013586	90.92852170	7.90737955	14.96948769	2.51591586
## [2536]	24.07951908	13.18501000	7.99490429	10.90023366	19.29866138
## [2541]	64.41616070	8.83351003	21.81920724	11.10333103	4.59675105
## [2546]	54.76629511	46.62801597	48.92856443	62.83957669	6.42074610
## [2551]	81.75845837	48.60623685	14.94379331	27.07846934	3.72653023
## [2556]	62.40576241	18.07802206	16.43784656	0.78959179	1.26665917
## [2561]	55.56967560	1.77336933	6.64191142	3.01402558	15.38432962
## [2566]	9.69415407	40.65671234	39.59436227	18.13388282	4.78972262
## [2571]	17.15249937	0.65178181	47.99566725	83.78651166	39.75249992
## [2576]	38.33994350	1.99078867	12.94438665	28.11367347	4.80330573
## [2581]	44.44361400	18.85445822	87.74978701	37.42337649	62.51664293
## [2586]	32.13922216	77.97458009	10.05608631	16.96317099	40.18448790
## [2591]	3.72874257	75.50833257	87.90296060	9.90514375	6.24539781
## [2596]	21.39566828	7.86898095	63.93506419	8.88664853	14.13268846
## [2601]	6.02885410	8.84568953	61.07207396	4.28030220	16.64099403
## [2606]	51.86660251	62.86831138	11.32556227	3.22226170	36.95500632
## [2611]	32.91300914	22.31126324	45.05554866	19.78456264	21.03233592
## [2616]	5.77478516	23.33239205	46.06937312	270.78469310	3.01218182
## [2621]	1.02255058	9.19398922	4.47029769	2.35643729	20.32548134
## [2626]	141.45905380	26.65415979	30.83748589	57.59075850	41.13433129
## [2631]	0.95193375	7.47738811	5.87300079	20.04842101	4.07492100
## [2636]	15.63731434	3.05990612	0.60223282	39.29216261	34.14841957
## [2641]	10.53591515	26.45046371	34.27708553	38.83384563	5.93200901
## [2646]	1.45186786	28.16893067	92.93949930	6.70890060	4.45266449
## [2651]	1.17898995	19.31425101	0.06704955	3.30305997	9.82911458
## [2656]	27.61403036	13.64300463	12.18867006	16.16057924	22.02071582
## [2661]	2.27035806	5.56027054	56.57877343	16.43637285	7.52115503
## [2666]	69.71321410	15.10854300	6.89823246	41.55801982	11.07703164
## [2671]	5.45243266	42.83887416	2.78093778	226.67770170	38.41401623
## [2676]	40.72562976	60.97758829	116.33786520	4.48567854	9.47291436
## [2681]	21.38257580	13.20331045	8.80513896	0.81830655	9.07868162
## [2686]	46.77831787	17.28402947	9.00531078	11.30850046	16.32930757
## [2691]	11.62573653	19.56746389	77.64914484	33.31220592	39.03844200
## [2696]	5.14592887	7.20930512	2.12273186	5.64868813	30.30681247
## [2701]	2.82745293	7.01475344	50.81417971	11.62288468	64.72238907
## [2706]	8.48295152	17.49721917	81.02729581	6.47920626	5.46809350
## [2711]	8.46638476	133.28137860	3.45107211	31.81967723	1.24007111
## [2716]	10.22993737	42.03044096	28.12876638	8.08665706	97.86083623
## [2721]	11.61864445	36.39286104	18.67564853	7.14760377	44.21979406

```
## [2726] 39.51980679 1.58247315 78.81172527 3.68540082 12.24171745
```

```
boxplot.stats(data1$OperatingSystems)$out
```

```
## [1] 7 7 7 6 6 6 8 7 6 6 6 6 6 6 6 6 7 8 5 6 6 7 6 5 5 8 8 8 8 8 8 8 8 8 8 8
## [38] 8 8 8 8 8 8 8 8 8 6 8 8 8 5 8 8 8 8 8 8 8 8 8 8 8 8 6 8 6 8 8 5 8 8 8 6
## [75] 8 8 8 8 8 8 8 8 8 8 8 8 7 8 8 8 8 8 8 8 8 8 6 8 8 8 8 8 8 8 8 8 5
```

```
boxplot.stats(data1$Browser)$out
```

```
## [1] 1 1 3 4 4 1 1 1 5 1 1 1 4 3 4 1 1 6 1 1 5 1 1 1
## [25] 5 1 1 4 3 4 6 4 1 1 1 1 7 6 6 4 4 4 6 1 1 1 1 1
## [49] 1 1 1 1 1 1 1 1 1 1 4 4 1 1 1 1 1 3 5 1 4 1 1
## [73] 1 4 4 1 1 4 1 1 4 6 1 4 4 1 1 4 4 1 5 6 3 1 1 1
## [97] 1 1 1 4 1 4 1 1 1 1 1 1 4 1 1 1 1 1 4 1 1 5 4 6
## [121] 4 4 1 6 5 10 1 3 5 1 5 1 1 1 1 1 3 5 8 4 1 5 1 5 1
## [145] 5 1 9 1 1 5 1 1 1 5 1 1 1 1 1 1 1 1 10 5 4 6 4 1 1
## [169] 5 4 1 1 1 4 5 1 1 1 1 4 3 1 6 4 1 1 5 5 10 4 5 3
## [193] 8 1 1 1 1 1 3 5 1 5 1 4 4 1 5 1 4 1 1 1 6 1 1 4
## [217] 4 6 4 6 1 4 4 1 4 4 1 7 4 5 1 6 1 7 4 1 1 10 1 1
## [241] 1 5 4 1 4 4 5 7 1 1 1 6 1 5 1 6 4 1 1 4 1 1 1 1
## [265] 1 5 4 1 1 8 5 1 4 1 4 1 1 4 1 4 1 4 5 4 4 1 1 4
## [289] 1 1 1 5 1 1 1 1 1 1 4 1 1 1 1 3 1 1 8 4 4 4 1 1
## [313] 1 7 1 6 1 6 3 4 1 10 1 1 1 7 1 5 8 1 6 1 8 4 1 1
## [337] 4 1 6 1 5 1 6 1 5 5 1 3 1 1 1 4 1 1 1 1 1 1 1 4
## [361] 1 4 1 4 1 1 1 5 4 4 1 1 1 4 1 1 1 1 1 6 1 6 1 1
## [385] 1 1 1 1 1 1 5 1 1 1 1 5 1 4 1 1 1 1 4 1 10 1 1 1
## [409] 6 1 1 1 4 7 1 1 1 4 1 1 1 6 5 4 1 1 1 5 6 1 1 1
## [433] 10 3 1 1 1 5 1 1 1 1 5 1 4 4 1 6 1 5 5 1 1 3 1 7
## [457] 1 1 1 5 1 1 4 4 1 1 4 1 1 1 8 1 1 4 1 1 4 1 1 4
## [481] 3 1 4 1 1 1 6 1 4 6 1 4 1 1 6 10 1 1 10 1 1 8 1 4
## [505] 1 1 4 1 4 4 1 4 1 4 1 1 5 10 10 3 1 6 1 4 1 1 1 4
## [529] 1 1 4 4 1 6 1 1 1 1 1 1 1 1 5 1 1 1 3 1 1 10 4 5
## [553] 3 4 1 4 1 4 5 1 1 4 1 4 4 1 1 5 1 7 1 1 1 1 5 1
## [577] 4 1 5 3 4 1 1 1 5 5 5 1 4 4 5 1 4 1 1 1 1 1 5 5
## [601] 5 1 1 1 4 5 1 1 1 1 6 4 1 1 1 1 1 1 4 3 1 4 1 3
## [625] 6 4 1 1 6 5 10 1 1 1 4 1 1 5 5 5 4 1 4 4 4 4 1 1
## [649] 1 1 5 1 1 1 4 4 1 1 1 1 3 1 1 1 1 10 6 5 1 5 4 1
## [673] 5 4 4 6 1 5 1 5 1 1 5 4 1 4 4 1 4 1 1 4 6 1 4 1
## [697] 1 1 4 1 1 4 1 1 1 1 5 5 1 3 4 4 4 1 3 5 6 10 1 5
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## [817] 5 5 1 1 1 1 1 1 3 1 8 1 5 1 6 5 4 4 1 5 10 3 4 1
## [841] 1 1 1 1 1 1 1 4 5 1 1 5 1 4 6 4 1 4 1 1 1 4 1 1
## [865] 1 1 1 1 4 4 1 6 4 1 1 5 1 1 1 1 10 4 4 6 8 1 10 7
## [889] 1 4 1 4 1 10 1 1 1 5 1 1 4 1 1 1 1 1 1 8 1 1 8 5
## [913] 4 5 8 3 1 1 1 1 1 4 1 4 4 1 1 1 1 1 10 1 1 1 10 5
## [937] 5 3 1 1 1 1 4 1 1 4 1 4 4 5 1 1 1 1 1 1 4 10 10 4
## [961] 4 1 1 5 1 1 1 1 1 5 1 4 5 4 1 10 1 1 1 1 6 1 4 1
## [985] 1 4 6 1 7 1 1 4 1 1 10 1 6 1 7 5 1 1 1 7 1 1 1 1
## [1009] 1 1 1 8 1 1 4 1 5 1 5 1 1 1 6 1 5 5 4 1 1 5 5 5
```



```

## [1033] 5 10 3 4 1 4 5 1 1 1 10 1 4 4 1 1 1 4 5 6 5 4 1 1
## [1057] 4 1 4 4 1 4 1 6 1 1 6 4 6 4 5 4 3 5 4 4 8 1 1 1
## [1081] 5 5 5 1 4 1 4 1 1 5 4 3 1 1 1 5 4 5 1 1 6 1 1 10
## [1105] 12 1 1 1 5 1 1 4 3 7 1 1 1 6 3 4 1 4 6 1 8 1 1 6
## [1129] 1 6 1 1 1 1 5 1 1 3 1 1 3 8 4 4 1 5 1 1 4 1 5 1
## [1153] 1 5 1 1 1 1 6 5 1 1 3 4 1 1 4 10 1 5 1 4 5 10 5 1
## [1177] 1 1 1 4 1 1 4 1 1 5 1 1 1 5 4 1 1 1 1 1 5 3 10 1
## [1201] 1 1 10 8 1 1 1 5 4 5 7 5 10 1 4 1 1 1 1 1 1 1 1 1
## [1225] 5 4 1 1 10 1 1 6 1 1 5 7 1 4 5 1 1 1 1 1 1 1 1 1
## [1249] 4 1 1 1 1 1 5 4 1 5 4 4 4 4 8 4 3 1 1 10 1 1 5 1
## [1273] 1 4 1 5 1 3 1 1 4 1 1 1 1 10 6 1 1 1 1 1 1 7 4 10
## [1297] 1 1 1 1 4 4 1 3 5 4 5 1 1 1 4 5 1 4 1 7 1 1 5 6
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## [1345] 5 1 1 4 10 6 4 1 1 8 5 1 6 4 4 1 4 3 1 1 1 8 4 3
## [1369] 6 3 4 1 1 1 1 1 1 4 1 4 5 1 1 4 8 4 1 5 4 4 1 8
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## [1417] 1 1 1 6 1 6 1 1 1 1 1 10 1 1 1 4 5 4 1 1 1 1 1 1
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## [1465] 7 1 1 8 1 1 6 1 4 1 4 5 5 4 1 4 1 6 1 1 1 1 4 10
## [1489] 1 4 1 1 1 1 1 1 10 1 10 1 1 1 10 1 10 1 1 8 1 5 1 1
## [1513] 1 1 4 4 6 1 1 4 4 5 3 5 5 5 3 1 1 1 4 10 4 5 1 3
## [1537] 1 1 1 1 1 10 4 4 5 6 1 10 5 1 1 1 1 1 1 4 1 4 1 8
## [1561] 1 4 4 3 5 5 1 1 3 1 1 5 1 3 1 5 7 4 5 1 1 5 4 1
## [1585] 1 5 3 1 1 1 1 5 6 1 1 4 4 1 1 4 4 10 5 5 1 5 5 1
## [1609] 1 5 8 8 4 4 6 1 5 4 1 1 4 4 6 10 5 1 5 5 5 1 6 1
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## [1657] 1 4 4 1 1 4 4 4 1 1 1 3 5 1 1 1 6 1 4 3 4 1 6 5
## [1681] 5 10 1 1 4 5 1 5 1 4 1 4 1 1 1 5 8 5 1 1 1 4 1 1
## [1705] 1 5 1 4 4 5 10 1 6 4 5 1 1 1 1 1 1 1 1 1 4 8 1 1
## [1729] 1 1 1 5 1 1 5 1 6 1 1 1 1 1 1 4 1 4 1 1 1 1 4 1
## [1753] 1 10 5 1 1 4 5 4 1 5 1 4 1 4 6 4 4 4 8 6 8 8 1 1
## [1777] 5 6 1 4 4 1 5 1 5 1 1 1 1 4 1 4 10 5 1 4 8 10 4 5
## [1801] 1 10 1 4 5 4 5 1 1 10 1 5 4 1 1 8 4 10 4 4 5 1 1 4
## [1825] 1 5 3 1 1 1 1 5 4 5 1 1 6 4 1 4 3 1 1 8 4 5 1 1
## [1849] 1 1 8 1 5 5 1 4 3 10 1 1 6 1 1 1 4 4 6 1 1 6 3 5
## [1873] 1 1 1 1 1 8 5 1 3 1 1 4 5 1 1 1 1 5 1 6 1 4 7 5
## [1897] 4 1 1 4 1 6 1 4 1 1 4 3 4 1 1 6 7 5 4 1 1 4 8 1
## [1921] 1 6 5 1 3 4 1 3 4 4 1 4 1 4 1 4 4 1 1 1 1 4 1 1
## [1945] 1 4 1 1 8 1 1 1 1 1 1 1 5 1 1 1 1 1 1 10 4 1 1 4
## [1969] 8 5 1 1 4 1 1 4 1 1 1 1 1 8 4 1 1 1 1 1 10 4 1 4
## [1993] 1 1 4 1 1 1 1 4 1 1 1 5 1 4 4 5 1 1 1 4 6 4 4 1
## [2017] 8 1 1 13 5 1 4 4 1 1 10 1 1 1 4 1 3 1 4 4 5 8 1 5
## [2041] 1 5 1 5 1 1 4 1 1 4 1 1 1 4 3 1 4 6 10 1 4 1 1 1
## [2065] 1 10 1 1 1 4 1 1 10 4 1 1 4 1 10 1 4 1 1 1 5 1 1 1
## [2089] 1 1 1 1 4 1 1 1 5 4 4 4 1 1 1 8 1 5 4 5 1 5 5 8
## [2113] 1 1 1 4 1 1 5 1 5 6 4 1 4 1 1 3 8 10 1 4 1 1 1 1
## [2137] 4 6 1 1 4 1 4 4 1 1 1 7 1 5 4 5 1 5 4 1 4 1 1 4
## [2161] 1 1 1 1 1 1 6 1 1 4 8 10 1 1 4 1 10 1 1 1 4 4 1 4
## [2185] 1 1 1 5 1 4 1 5 1 4 1 5 1 1 4 1 1 4 1 5 1 4 5 6
## [2209] 1 4 1 10 4 5 1 4 1 5 1 1 1 5 1 5 12 1 1 5 1 1 8 1
## [2233] 5 1 1 4 4 1 10 1 1 6 1 4 1 4 4 4 1 1 5 8 1 7 5 5
## [2257] 1 1 1 1 8 11 1 1 10 4 4 1 1 3 8 1 1 10 8 1 1 4 1 1
## [2281] 1 6 4 5 1 1 1 1 5 1 1 1 1 1 1 1 1 1 4 1 10 8 6 4
## [2305] 1 5 5 10 1 8 5 5 1 1 1 1 4 3 8 8 1 6 1 1 6 1 4 1

```

```

## [2329] 3 4 1 10 1 4 3 4 1 4 7 1 1 7 1 10 10 1 1 1 4 10 1 5
## [2353] 1 3 5 1 1 1 4 4 1 4 1 1 5 10 3 1 1 5 4 4 1 4 1 4
## [2377] 1 6 1 6 5 1 1 4 5 1 1 1 1 1 1 4 4 1 1 5 1 4 1 1
## [2401] 4 1 6 1 1 4 6 1 1 1 1 1 5 7 4 1 1 1 5 6 4 6 1 1
## [2425] 4 1 1 1 1 3 1 1 5 1 1 4 8 5 1 1 1 1 4 6 1 1 4 1
## [2449] 7 1 4 1 10 1 7 7 1 5 4 1 1 1 1 1 1 8 1 4 1 4 5 5
## [2473] 6 1 5 5 10 7 4 5 5 1 4 1 1 1 8 4 1 1 8 1 1 1 1 1
## [2497] 1 1 1 1 1 1 1 1 4 1 1 1 4 1 10 1 4 5 1 1 3 1 5 10
## [2521] 1 6 4 5 1 1 4 1 5 4 6 1 1 4 1 8 1 1 8 1 5 1 1 1
## [2545] 4 1 1 1 6 1 10 4 1 4 10 1 1 1 4 7 8 1 1 1 10 1 1 4
## [2569] 1 1 1 8 5 1 1 1 1 4 1 1 10 1 1 1 1 1 1 1 8 1 1 1
## [2593] 1 4 5 1 4 4 1 1 1 1 1 4 1 5 4 8 1 1 1 4 4 1 1 1
## [2617] 1 10 1 1 6 1 1 5 1 10 1 1 1 4 1 5 1 1 1 1 1 1 8 10
## [2641] 5 4 6 4 6 1 1 4 6 5 5 1 4 1 1 5 8 3 1 1 1 1 1 1
## [2665] 8 4 1 5 1 1 1 5 1 1 3 1 1 7 1 1 1 4 1 6 3 5 1 5
## [2689] 4 4 1 1 1 5 10 1 4 5 1 5 8 1 6 1 1 4 5 6 1 1 1 1
## [2713] 1 8 1 4 1 1 1 1 6 1 1 1 1 1 1 5 10 4 5 1 4 4 1 1
## [2737] 1 4 5 10 1 10 1 5 8 1 1 6 1 1 4 4 1 1 6 1 1 4 5 1
## [2761] 4 1 8 1 1 1 5 1 4 1 4 1 1 5 1 6 5 8 5 5 10 4 1 1
## [2785] 10 1 1 5 1 1 7 1 3 1 3 5 5 1 1 1 1 1 4 1 10 1 1 1
## [2809] 1 5 1 1 4 5 1 1 4 4 4 10 4 1 1 4 1 1 1 1 4 1 1 1
## [2833] 1 1 4 5 1 1 1 5 1 1 1 1 11 1 1 1 1 1 11 1 1 1 6 1
## [2857] 8 13 1 13 5 4 5 4 1 1 10 4 1 1 5 1 1 1 8 1 1 4 1 1
## [2881] 1 1 1 1 1 10 8 1 10 1 1 1 1 1 4 1 1 4 1 1 13 1 1 1
## [2905] 1 1 1 1 1 6 4 5 4 8 4 1 1 4 4 1 5 12 13 4 1 1 5 1
## [2929] 4 1 6 1 5 6 4 1 1 6 7 1 1 4 1 6 1 1 1 5 1 1 1 6
## [2953] 1 1 1 1 4 1 1 1 1 1 4 1 4 13 1 1 4 5 1 1 1 1 1 13
## [2977] 1 4 4 1 1 5 1 8 5 5 13 1 1 1 1 5 4 1 7 1 4 4 1 1
## [3001] 4 1 8 1 10 4 1 1 3 7 4 1 6 13 1 1 1 4 4 1 1 4 1 1
## [3025] 1 1 5 1 1 1 1 10 1 4 1 1 1 1 5 4 5 1 1 4 1 1 1 8
## [3049] 4 10 1 1 5 1 1 4 1 1 1 5 1 4 4 1 1 13 8 6 4 1 1 1
## [3073] 1 3 13 1 5 1 10 5 1 10 4 5 4 1 1 1 1 13 1 1 1 1 1
## [3097] 5 5 3 5 1 1 1 1 1 4 1 12 3 1 10 1 5 4 1 1 1 1 1 1
## [3121] 1 1 4 5 1 1 1 1 1 1 4 8 1 8 4 1 1 1 1 1 1 1 6 5
## [3145] 5 4 1 1 1 4 1 1 1 1 4 1 13 6 4 1 1 10 1 4 1 1 1 1
## [3169] 1 13 1 8 1 1 1 1 1 1 13 1 1 1 1 1 10 1 5 1 13 1 5 1
## [3193] 10 1 4 1 1 1 1 1 5 1 1 1 1 1 1 8 5 1 4 1 12 1 1 1
## [3217] 1 1 4 5 5 1 1 1 1 6 1 1 1 6 6 1 1 1 8 5 1 1 1 1
## [3241] 1 1 10 10 1 1 1 1 1 10 1 5 1 1 1 4 1 1 4 1 1 1 7 4
## [3265] 3 5 1 6 12 8 1 5 1 1 1 5 1 4 1 1 10 1 1 1 1 4 1 6
## [3289] 4 1 1 5 1 4 1 1 1 1 8 4 5 1 1 4 1 1 1 1 1 5 5 1
## [3313] 8 1 1 1 1 1 10 4 5 5 5 5 1 6 1 5 4 10 1 5 1 1 1 13
## [3337] 13 1 1 8 1 6 1 10 13 1 1 10 1 5 1 1 1 4 1 10 1 1 1 4
## [3361] 4 1 1 5 1 4 4 1 5 1 1 5 1 1 5 1 1 1 1 4 4 8 1 4
## [3385] 1 11 1 1 1 1 1 1 1 13 5 4 1 3 5 1 4 4 10 1 1 1 5 1
## [3409] 1 1 1 10 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 4 4
## [3433] 1 1 8 1 1 1 1 1 1 4 4 1 1 6 4 1 1 1 1 1 1 4 1 10
## [3457] 1 4 1 4 1 5 5 1 1 10 5 1 1 8 1 1 1 4 1 1 1 4 1 1
## [3481] 1 1 1 3 1 1 5 13 1 1 1 5 1 1 1 1 1 4 13 1 1 3 1 1
## [3505] 6 1 4 4 1 1 5 5 4 1 1 1 1 1 5 5 1 1 3 1 13 4 1 7
## [3529] 6 1 10 1 3 1 1 1 1 1 1 10 13 1 13 5 10 1 5 1 1 4 5 4
## [3553] 5 1 13 1 5 4 1 1 4 1 1 10 1 4 5 1 1 1 4 1 1 1 1 5
## [3577] 1 1 1 1 13 1 3 1 1 4 4 1 1 5 8 10 1 1 4 3 5 1 4 1
## [3601] 1 1 4 1 1 1 1 8 1 1 5 1 4 1 1 1 1 5 10 10 1 4 4 4

```



```

## [73] 8 8 10 10 10 10 10 10 13 10 8 9 13 8 13 9 10 9 8 10 11 8 8 8
## [97] 9 11 8 11 10 9 8 13 8 8 10 10 10 10 13 8 11 8 9 10 8 10 10 10
## [121] 10 8 10 9 8 10 10 10 9 8 9 10 10 11 11 10 11 8 8 10 8 10 9 13
## [145] 10 10 10 9 10 10 10 11 11 8 10 10 10 10 9 10 8 13 9 9 10 9 10 10
## [169] 10 10 8 8 8 8 8 10 8 10 10 9 10 10 11 10 8 10 10 10 8 10 8 8
## [193] 8 10 10 10 10 8 11 10 8 10 9 10 13 8 10 10 8 10 10 8 8 10 8 11
## [217] 13 8 8 8 10 8 13 10 13 10 10 13 10 10 10 10 8 9 10 10 8 8 13 9
## [241] 10 11 10 10 13 8 8 10 8 8 8 10 9 11 11 10 8 9 13 10 9 10 10 13
## [265] 8 8 9 10 9 10 10 8 10 10 10 10 10 9 8 10 10 9 10 10 8 10 10 13
## [289] 8 8 10 10 11 10 10 8 13 9 8 10 8 9 10 9 10 15 10 10 10 8 10 13
## [313] 13 13 15 13 13 18 13 13 11 13 13 15 13 13 14 11 11 13 13 13 11 13 13 13
## [337] 13 13 13 13 15 13 11 15 13 13 13 13 11 13 11 13 11 13 11 15 19 13 13 13
## [361] 13 11 13 11 13 11 13 13 13 13 11 11 13 13 11 13 13 13 15 16 11 13 11 13
## [385] 13 13 15 11 13 13 13 17 13 13 13 13 14 18 19 18 19 13 13 11 11 14 11 13
## [409] 11 20 19 20 13 13 13 13 13 14 16 11 13 14 19 13 13 13 13 13 13 13 11
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## [457] 13 15 11 13 15 13 13 11 19 13 13 13 13 13 13 13 13 11 13 13 13 13 11 11
## [481] 13 11 13 11 13 13 15 13 13 13 13 13 13 11 13 13 13 13 13 13 13 13 11 13
## [505] 13 11 13 13 13 13 13 13 13 13 11 11 19 15 13 14 13 13 13 13 13 13 13 13
## [529] 18 13 13 13 11 13 13 20 13 18 13 15 13 13 13 13 13 13 13 18 11 13 19 13
## [553] 13 13 13 15 13 13 11 15 13 19 13 15 11 13 13 13 13 13 13 13 13 13 11 13
## [577] 13 13 13 13 13 13 13 13 20 11 13 13 11 13 13 13 20 13 11 13 11 13 13 19
## [601] 13 15 13 13 13 13 19 13 13 13 13 13 15 13 18 13 13 13 11 13 13 13 13 13
## [625] 19 13 13 11 19 11 18 13 13 13 13 11 13 13 20 15 11 13 13 13 19 19 11 13
## [649] 13 13 11 13 15 18 20 13 13 13 11 13 13 13 13 13 14 13 13 20 20 13 13 13
## [673] 13 11 13 13 11 11 13 13 13 13 13 11 11 13 13 13 13 13 13 19 13 13 13 15
## [697] 13 13 13 13 11 13 11 13 13 13 11 11 13 13 15 13 11 13 13 11 13 19 11 13
## [721] 11 13 20 13 11 20 11 13 13 13 14 13 13 13 13 13 13 13 14 13 18 13 13 13
## [745] 15 11 11 13 14 11 13 13 20 13 13 13 13 13 20 13 15 13 13 15 13 13 13 13
## [769] 11 13 13 13 13 13 11 13 20 13 13 13 13 20 20 20 13 11 13 20 13 13 13 13
## [793] 20 13 13 13 13 13 13 13 13 20 13 13 13 20 13 13 13 13 20 13 13 13 13 20
## [817] 13 13 13 13 13 13 13 13 13 13 13 20 20 20 11 20 13 20 20 20 13 20 13 13
## [841] 13 13 20 20 13 13 20 13 13 20 20 13 13 13 13 13 20 13 11 20 13 20 20 13
## [865] 20 13 13 20 13 13 13 11 20 20 14 13 20 13 20 13 13 13 11 13 13 20 20 20
## [889] 20 20 13 13 13 13 20 13 13 13 13 13 13 13 15 20 20 13 20 20 20 13 13 11
## [913] 20 13 13 20 20 20 13 13 13 13 13 13 20 20 13 13 13 13 13 20 20 13 13 13
## [937] 13 13 20 13 13 20 13 20 13 13 13 13 13 20 11 13 13 20 20 13 13 13 13 13
## [961] 20 13 20 20 13 13 13 20 20 13 13 20 13 13 13 13 20 11 20 13 13 13 13 13
## [985] 11 13 13 13 16 20 20 13 13 13 13 13 13 13 20 13 13 20 13 13 13 13 15 20
## [1009] 13 20 20 20 11 20 13 13 13 20 20 13 13 13 13 20 13 20 13 13 13 13 13 13
## [1033] 13 20 13 13 20 13 13 13 11 10 13 13 20 10 20 13 20 20 8 10 13 13 13 10
## [1057] 10 8 10 13 10 20 10 10 13 10 11 13 11 10 13 13 20 11 8 8 11 13 20 10
## [1081] 13 13 11 10 10 13 10 10 13 8 10 11 8 10 11 20 20 8 10 10 8 8 11 10
## [1105] 8 13 8 11 10 13 10 11 8 8 8 13 10 10 13 20 8 11 10 20 8 8 20 8
## [1129] 10 10 8 10 8 13 11 11 8 8 20 11 10 8 8 8 10 13 13 8 8 8 8 11
## [1153] 11 8 8 10 20 10 8 13 13 13 10 8 13 8 13 8 20 10 10 10 8 10 13 10
## [1177] 13 10 8 13 20 10 11 8 10 13 13 8 10 8 10 10 10 10 8 10 13 10 10 20
## [1201] 10 20 10 10 11 8 20 13 20 10 11 13 10 11 10 8 10 11 10 10 20 13 8 8
## [1225] 8 11 11 13 8 10 10 10 10 11 10 10 13 13 10 13 13 13 8 8 8 10 8 8
## [1249] 8 11 13 13 11 10 13 8 11 20 8 10 8 20 10 10 10 11 13 10 10 20 11 10
## [1273] 20 15 11 20 11 10 13 13 8 13 10 10 10 13 10 8 8 13 11 11 10 20 8 11
## [1297] 11 10 13 8 13 10 13 8 13 13 13 13 10 10 13 10 10 15 10 13 10 10 13 10
## [1321] 10 8 8 13 13 8 8 11 10 10 8 10 11 8 8 13 13 13 13 10 8 10 20 13
## [1345] 13 8 13 8 11 10 10 10 11 10 11 13 8 10 10 10 8 8 10 8 13 13 11 10

```

```
## [1369] 10 20 13 20 20 11 10 8 13 13 20 8 10 11 13 13 10 8 20 10 8 10 10 8
## [1393] 11 13 13 10 13 10 13 8 13 10 13 10 10 11 11 11 13 11 11 13 13 8 13 10
## [1417] 20 8 10 13 20 8 8 13 10 10 13 10 8 13 10 13 10 20 13 20 8 10 8 8
## [1441] 10 10 13 13 11 10 11 13 13 11 10 8 8 20 8 11 8 10 10 10 11 13 8 13
## [1465] 11 8 10 8 13 10 8 10 13 8 13 8 10 20 10 10 10 10 10 13 13 10 20 11
## [1489] 13 10 11 10 10 11 13 10 13 13 8 11 8 13 8 10 13 13 20 10 10 8 10 20
## [1513] 20 13 13 13 10 15 8 8 11 20 20 20 10 11 13 10 10 20 13 10 13 15 10 10
## [1537] 10 10 8 11 8 8 13 8 20 8 10 11 20 13 11 13 8 10 11 10 10 11 10 11
## [1561] 10 8 13 8 8 13 8 11 11 8 13 8 10 10 13 10 11 11 13 10 8 8 11 8
## [1585] 10 13 8 13 8 20 10 8 10 10 8 8 8 8 10 10 10 11 11 10 13 8 20 20
## [1609] 10 15 10 8 10 13 13 11 8 10 20 20 11 8 10 8 10 10 20 8 8 8 10 10
## [1633] 10 11 8 10 13 10 13 8 13 20 8 8 13 10 11 11 8 10 8 8 13 15 20 8
## [1657] 8 13 10 10 10 10 10 10 13 10 11 8 13 10 10 8 8 13 10 10 11 8 8 11
## [1681] 10 13 8 10 8 20 13 10 8 8 13 10 10 13 10 8 10 10 13 10 11 8 20 13
## [1705] 11 10 10 13 10 13 8 8 10 8 8 10 20 20 13 10 10 20 8 13 10 10 10 8
## [1729] 11 8 13 13 8 10 13 11 8 20 13 8 13 10 8 10 8 20 10 8 8 10 13 8
## [1753] 10 8 8 11 13 8 8 13 8 8 8 8 10 13 11 10 10 8 11 13 11 11 8 8
## [1777] 10 13 8 10 10 8 10 10 13 10 13 20 11 11 8 13 20 13 10 11 20 8 10 13
## [1801] 8 8 8 8 8 11 10 11 13 10 10 13 8 10 10 20 10 10 20 20 10 13 8 8
## [1825] 20 10 10 13 8 8 15 13 11 10 10 13 20 11 8 8 10 10 8 10 13 10 13 13
## [1849] 10 10 10 10 10 8 10 20 20 13 10 10 8 13 13 20 11 8 11 8 11 8 8 10
## [1873] 8 10 8 11 8 11 8 10 10 13 8 13 11 8 8 10 8 10 13 20 10 13 11 11
## [1897] 20 20 8 13 11 13 8 10 8 13 13 11 13 13 13 11 11 8 8 20 8 13 20 8
## [1921] 11 10 10 10 8 8 11 8 20 8 8 8 20 11 13 20 13 10 13 11 20 11 13 8
## [1945] 10 10 8 13 11 11 13 10 8 11 13 13 8 10 8 13 8 8 13 10 20 13 8 20
## [1969] 8 8 11 13 20 8 10 10 11 10 11 8 13 10 8 11 11 10 13 10 13 13 10 13
## [1993] 8 10 10 10 11 15 8 10 10 13 11 10 10 8 8 11 11 20 10 11 10 10 13 13
## [2017] 13 13 11 13 11 10 10 13 8 10 13 20 13 11 8 20 20 10 8 20 20 10 10 20
## [2041] 13 13 10 8 20 10 20 10 10 10 10 8 8 13 13 8 13 10 8 20 8 13 8 10
## [2065] 13 8 10 20 13 8 10 10 10 13 8 11 13 10 20 11 10 10 8 13 11
```

The figures shown are the extreme values in the columns.

```
## Univariate Analysis
## The first univariate analysis is to get the measures of central tendencies
## Getting the mean
# Get Mean of the multiple columns

colMeans(data1[sapply(data, is.numeric)])
```

```
##      Administrative Administrative_Duration      Informational
##      2.340006e+00      8.168138e+01      5.088074e-01
## Informational_Duration      ProductRelated ProductRelated_Duration
##      3.483701e+01      3.205816e+01      1.206353e+03
##      BounceRates      ExitRates      PageValues
##      2.044841e-02      4.149826e-02      5.946651e+00
##      SpecialDay      OperatingSystems      Browser
##      6.191139e-02      2.124232e+00      2.357710e+00
##      Region      TrafficType
##      3.152977e+00      4.074032e+00
```

The above values represent mean values for each column.

```
median(data1$Administrative)
```

```
## [1] 1
```

```
median(data1$Administrative_Duration)
```

```
## [1] 9
```

```
median(data1$Informational)
```

```
## [1] 0
```

```
median(data1$Informational_Duration)
```

```
## [1] 0
```

```
median(data1$ProductRelated)
```

```
## [1] 18
```

```
median(data1$ProductRelated_Duration)
```

```
## [1] 608.75
```

```
median(data1$BounceRates)
```

```
## [1] 0.002941176
```

```
median(data1$ExitRates)
```

```
## [1] 0.025
```

```
median(data1$PageValues)
```

```
## [1] 0
```

```
median(data1$OperatingSystems)
```

```
## [1] 2
```

```
median(data1$Browser)
```

```
## [1] 2
```

```
median(data1$Region)
```

```
## [1] 3
```

```
median(data1$TrafficType)
```

```
## [1] 2
```

```
max(data1$Administrative)
```

```
## [1] 27
```

```
max(data1$Administrative_Duration)
```

```
## [1] 3398.75
```

```
max(data1$Informational)
```

```
## [1] 24
```

```
max(data1$Informational_Duration)
```

```
## [1] 2549.375
```

```
max(data1$ProductRelated)
```

```
## [1] 705
```

```
max(data1$ProductRelated_Duration)
```

```
## [1] 63973.52
```

```
max(data1$BounceRates)
```

```
## [1] 0.2
```

```
max(data1$ExitRates)
```

```
## [1] 0.2
```

```
max(data1$PageValues)
```

```
## [1] 361.7637
```

```
max(data1$OperatingSystems)
```

```
## [1] 8
```

```
max(data1$Browser)
```

```
## [1] 13
```

```
max(data1$Region)
```

```
## [1] 9
```

```
max(data1$TrafficType)
```

```
## [1] 20
```

```
sd(data1$Administrative)
```

```
## [1] 3.329214
```

```
sd(data1$Administrative_Duration)
```

```
## [1] 177.4409
```

```
sd(data1$Informational)
```

```
## [1] 1.27519
```

```
sd(data1$Informational_Duration)
```

```
## [1] 141.389
```

```
sd(data1$ProductRelated)
```

```
## [1] 44.57899
```

```
sd(data1$ProductRelated_Duration)
```

```
## [1] 1919.337
```

```
sd(data1$BounceRates)
```

```
## [1] 0.04538022
```



```
sd(data1$ExitRates)
```

```
## [1] 0.04622445
```

```
sd(data1$PageValues)
```

```
## [1] 18.64955
```

```
sd(data1$OperatingSystems)
```

```
## [1] 0.9068192
```

```
sd(data1$Browser)
```

```
## [1] 1.709958
```

```
sd(data1$Region)
```

```
## [1] 2.401853
```

```
sd(data1$TrafficType)
```

```
## [1] 4.016643
```

The values above represent the standard deviation.

```
## Kurtosis
```

```
kurtosis(data1$Administrative)
```

```
## [1] 7.643668
```

```
kurtosis(data1$Administrative_Duration)
```

```
## [1] 53.14621
```

```
kurtosis(data1$Informational)
```

```
## [1] 29.67176
```

```
kurtosis(data1$Informational_Duration)
```

```
## [1] 78.54134
```

```
kurtosis(data1$ProductRelated)
```

```
## [1] 34.08263
```

```
kurtosis(data1$ProductRelated_Duration)
```

```
## [1] 139.6428
```

```
kurtosis(data1$BounceRates)
```

```
## [1] 12.26662
```

```
kurtosis(data1$ExitRates)
```

```
## [1] 7.63145
```

```
kurtosis(data1$PageValues)
```

```
## [1] 68.00151
```

```
kurtosis(data1$OperatingSystems)
```

```
## [1] 13.26745
```

```
kurtosis(data1$Browser)
```

```
## [1] 15.54725
```

```
kurtosis(data1$Region)
```

```
## [1] 2.8411
```

```
kurtosis(data1$TrafficType)
```

```
## [1] 6.462223
```

The values represent the kurtosis of the numerical columns.

```
skewness(data1$Administrative)
```

```
## [1] 1.947225
```

```
skewness(data1$Administrative_Duration)
```

```
## [1] 5.592972
```

```
skewness(data1$Informational)
```

```
## [1] 4.015436
```

```
skewness(data1$Informational_Duration)
```

```
## [1] 7.541148
```

```
skewness(data1$ProductRelated)
```

```
## [1] 4.334283
```

```
skewness(data1$ProductRelated_Duration)
```

```
## [1] 7.25254
```

```
skewness(data1$BounceRates)
```

```
## [1] 3.154307
```

```
skewness(data1$ExitRates)
```

```
## [1] 2.234124
```

```
skewness(data1$PageValues)
```

```
## [1] 6.351741
```

```
skewness(data1$OperatingSystems)
```

```
## [1] 2.031231
```

```
skewness(data1$Browser)
```

```
## [1] 3.216688
```

```
skewness(data1$Region)
```

```
## [1] 0.978807
```

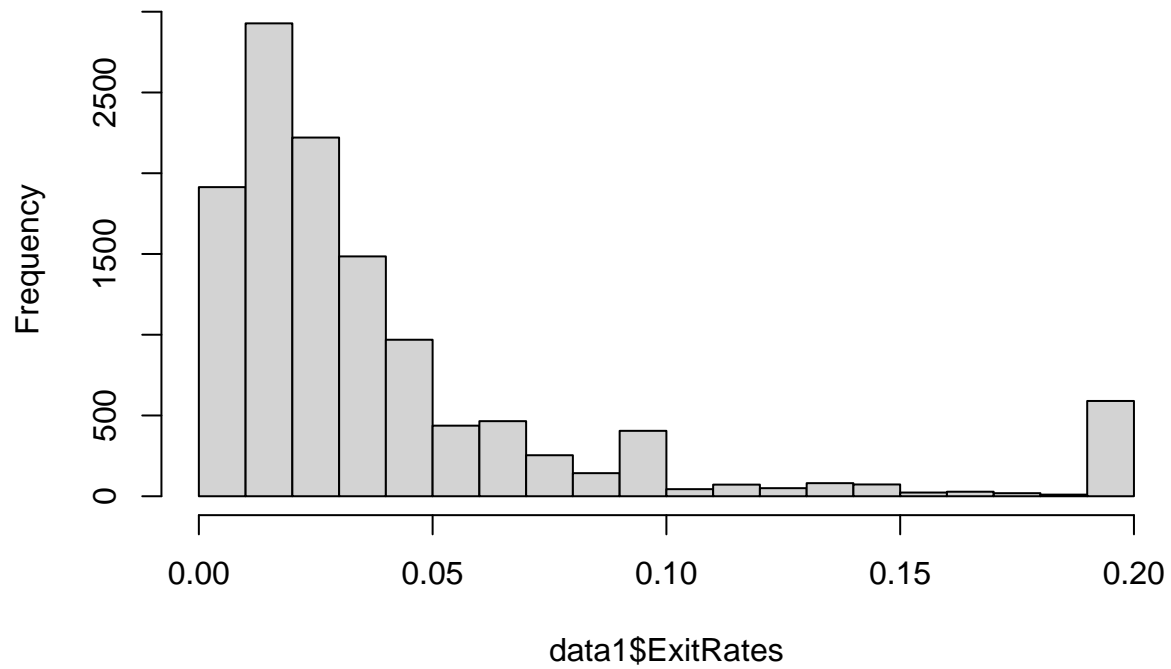
```
skewness(data1$TrafficType)
```

```
## [1] 1.958071
```

The numerical columns are positively skewed, indicating the need for scaling data.

```
## Showing distribution using histogram  
hist(data1$ExitRates)
```

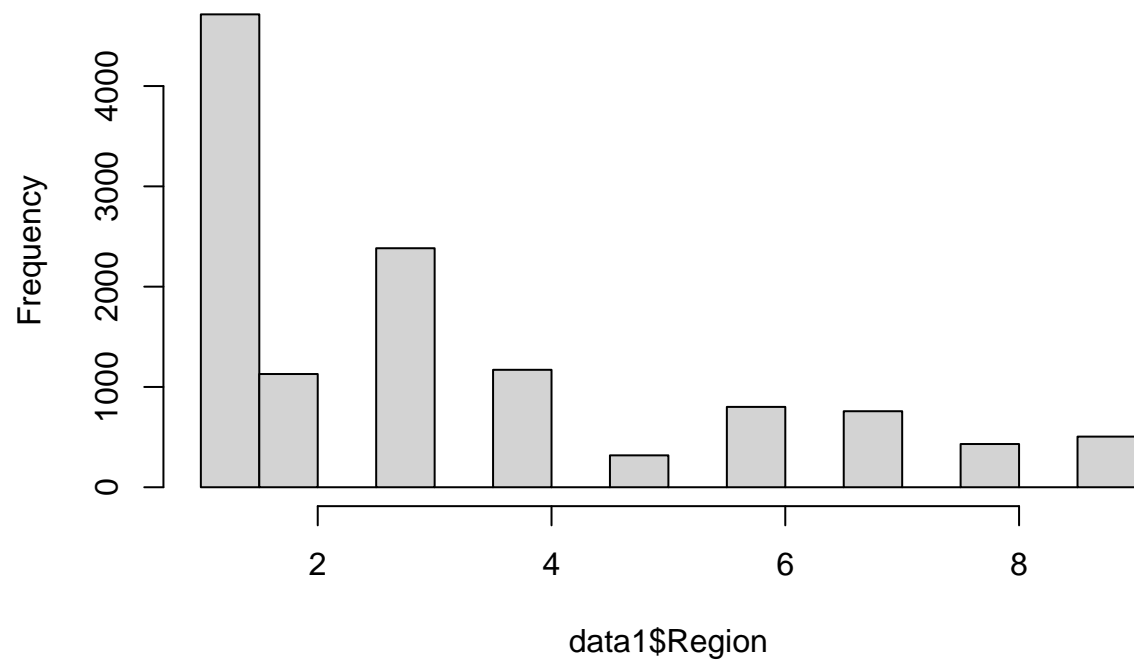
Histogram of data1\$ExitRates



The highest value of exit rates lies between 0-0.05

```
hist(data1$Region)
```

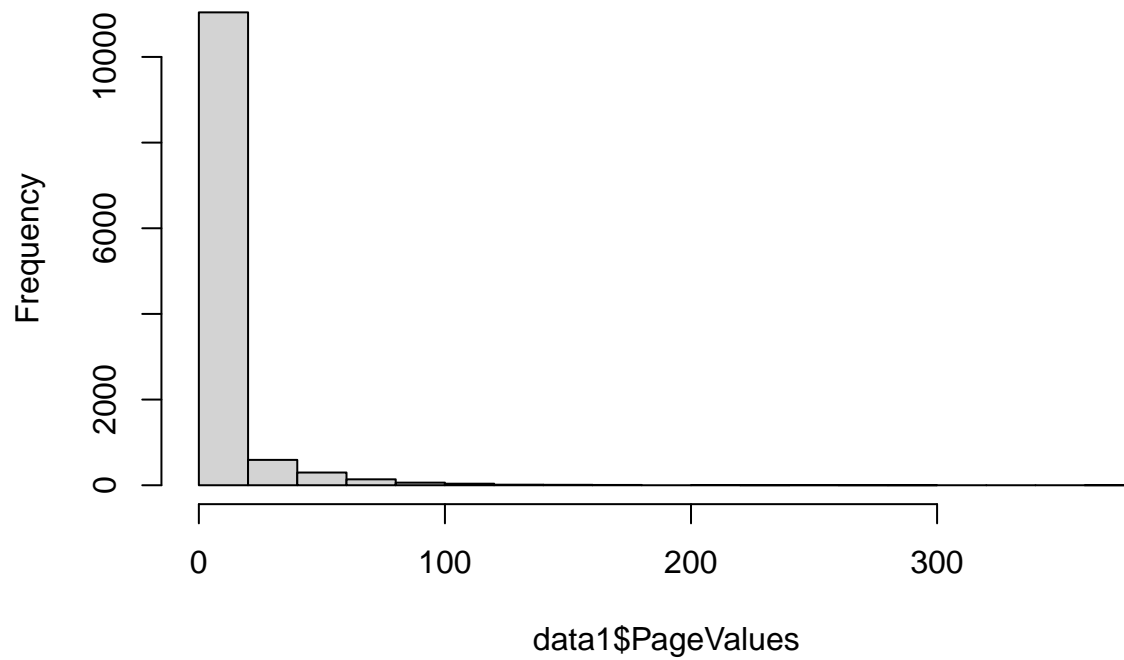
Histogram of data1\$Region



The highest number is from region 1

```
hist(data1$PageValues)
```

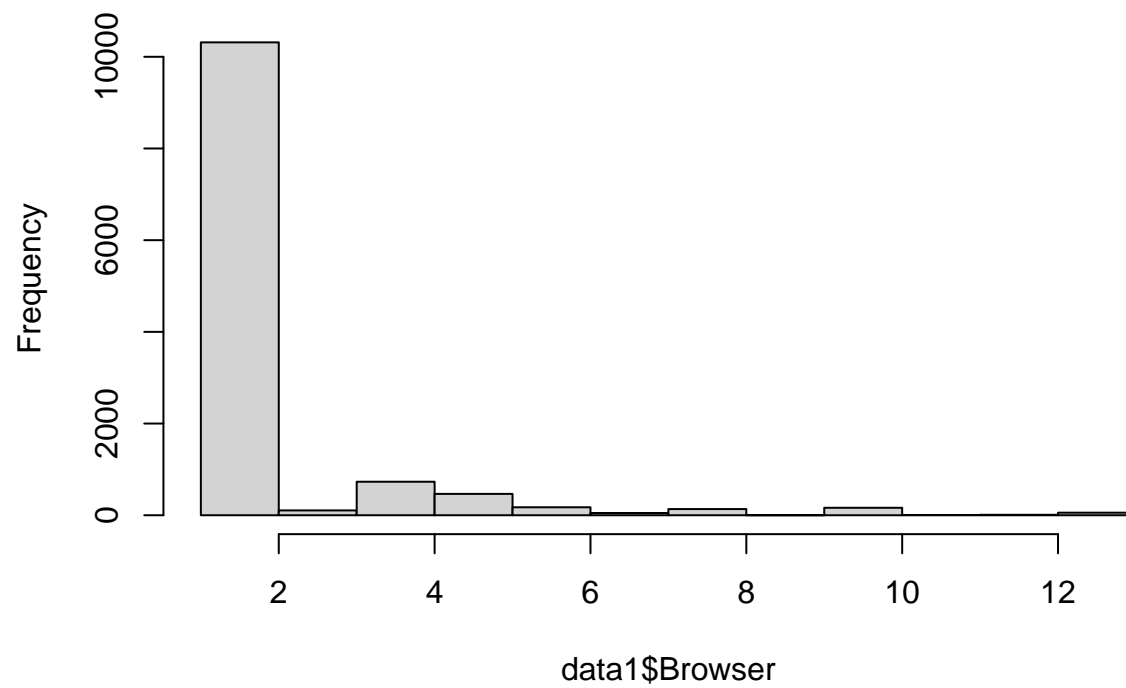
Histogram of data1\$PageValues



The highest page values is between 0 and 100.

```
hist(data1$Browser)
```

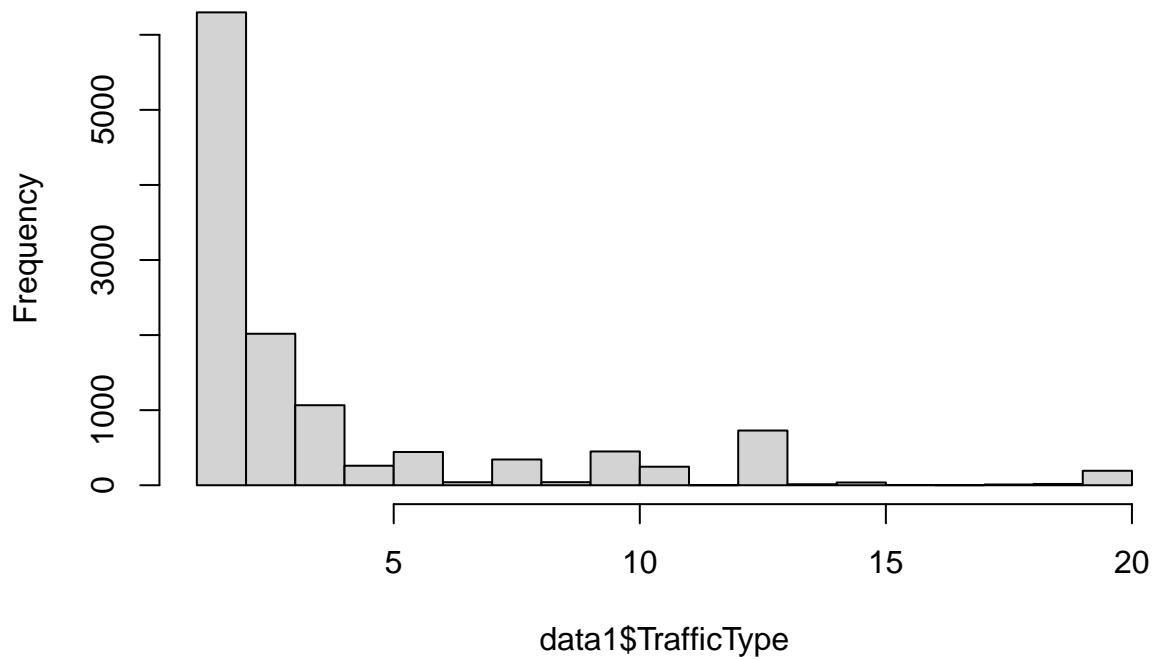
Histogram of data1\$Browser



The highest value of the browser is 1-2.

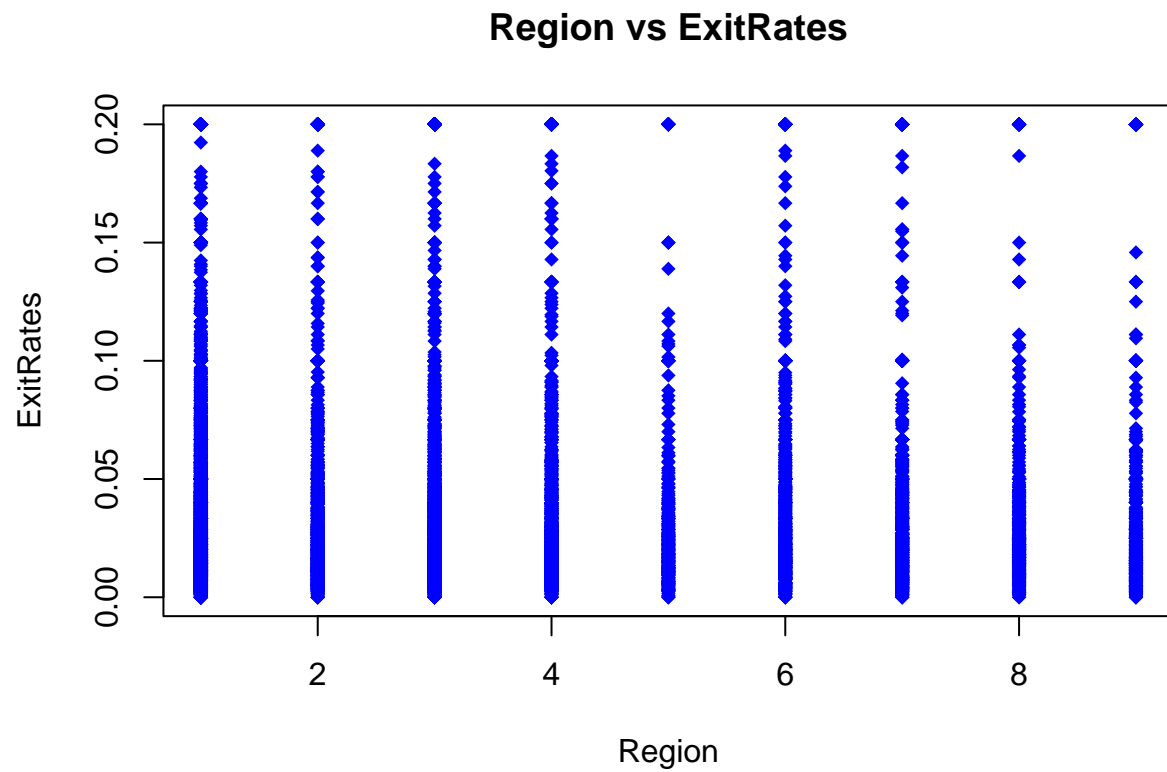
```
hist(data1$TrafficType)
```

Histogram of data1\$TrafficType



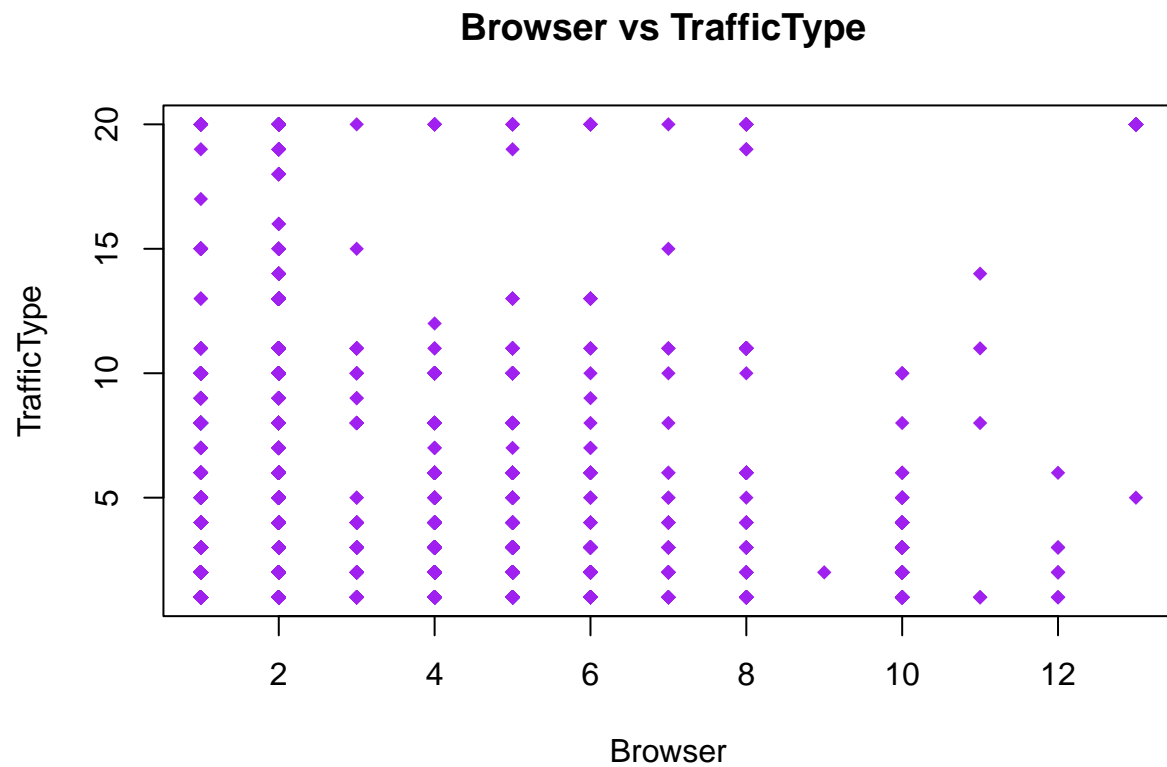
The highest type of traffic is between 0 and 5.

```
## Bivariate Analysis
## Bivariate Analysis using scatter plots
## We will analyze how two factors are related or influence each other
## Analysing how region influences exit rates
plot(data1$Region, data1$ExitRates, pch=18, col='blue',
     main='Region vs ExitRates',
     xlab='Region', ylab='ExitRates')
```

No linear relation between region and exit rates. However, regions 1-4 had the highest exit rates.

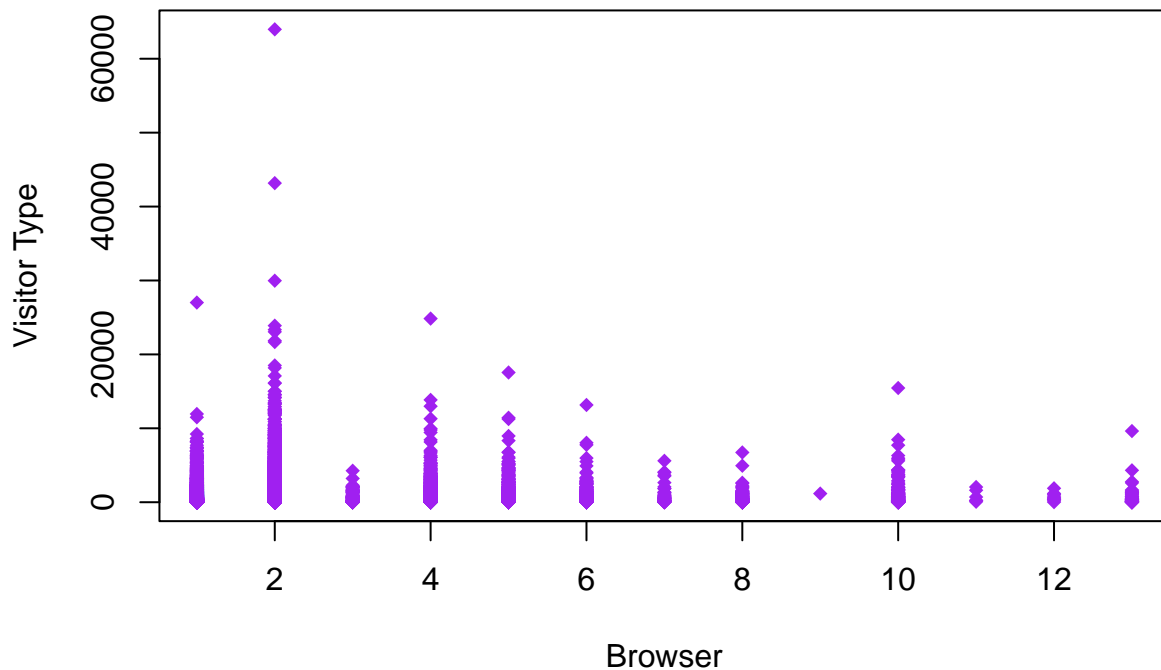
```
plot(data1$Browser, data1$TrafficType, pch=18, col='purple',  
     main='Browser vs TrafficType ',  
     xlab='Browser', ylab='TrafficType')
```



Browser 2 had the highest traffic.

```
plot(data1$Browser, data1$ProductRelated_Duration, pch=18, col='purple',
     main='Browser vs Visitor Type',
     xlab='Browser', ylab='Visitor Type')
```

Browser vs Visitor Type



No linear relationship between browser and visitor type. However, browser 2 had the highest visitor type.

```
## The second way of bivariate analysis is through the use of correlation coefficients
# Getting the correlation between bounce rates and product related
cor(data1$BounceRates, data1$ProductRelated)
```

```
## [1] -0.1935159
```

There is a weak negative correlation between bounce rates and product related.

```
# Getting the correlation between informational duration and operating systems
cor(data1$Informational_Duration, data1$OperatingSystems)
```

```
## [1] -0.00959346
```

There is a weak negative correlation between informational duration and operating systems.

```
# Getting the correlation between page values and bounce rates
cor(data1$PageValues, data1$BounceRates)
```

```
## [1] -0.1159979
```

```
## Clustering
## K_means clustering
data1.labels <- data1$Revenue
table(data1.labels)
```

```
## data1.labels
## FALSE TRUE
## 10303 1908
```

```
cluster_data <- data1[-c(11, 16,17,18)]
cluster_data
```

##	Administrative	Administrative_Duration	Informational
## 1	0.000000	0.000000	0.000000
## 2	0.000000	0.000000	0.000000
## 3	0.000000	-1.000000	0.000000
## 4	0.000000	0.000000	0.000000
## 5	0.000000	0.000000	0.000000
## 6	0.000000	0.000000	0.000000
## 7	0.000000	-1.000000	0.000000
## 8	1.000000	-1.000000	0.000000
## 9	0.000000	0.000000	0.000000
## 10	0.000000	0.000000	0.000000
## 11	0.000000	0.000000	0.000000
## 12	0.000000	0.000000	0.000000
## 13	0.000000	0.000000	0.000000
## 14	0.000000	0.000000	0.000000
## 15	0.000000	0.000000	0.000000
## 16	2.000000	53.000000	0.000000
## 17	0.000000	-1.000000	0.000000
## 18	0.000000	0.000000	0.000000
## 19	0.000000	0.000000	0.000000
## 20	0.000000	0.000000	0.000000
## 21	0.000000	0.000000	0.000000
## 22	0.000000	-1.000000	0.000000
## 23	0.000000	0.000000	0.000000
## 24	0.000000	0.000000	0.000000
## 25	0.000000	-1.000000	0.000000
## 26	0.000000	0.000000	0.000000
## 27	4.000000	64.600000	0.000000
## 28	0.000000	0.000000	0.000000
## 29	0.000000	0.000000	0.000000
## 30	1.000000	6.000000	1.000000
## 31	0.000000	0.000000	0.000000
## 32	0.000000	0.000000	0.000000
## 33	0.000000	0.000000	0.000000
## 34	0.000000	0.000000	0.000000
## 35	0.000000	0.000000	0.000000
## 36	0.000000	0.000000	0.000000
## 37	0.000000	0.000000	0.000000
## 38	2.000000	18.000000	0.000000
## 39	0.000000	0.000000	0.000000
## 40	0.000000	0.000000	0.000000
## 41	1.000000	9.000000	0.000000
## 42	0.000000	0.000000	0.000000
## 43	0.000000	0.000000	0.000000
## 44	0.000000	0.000000	0.000000
## 45	0.000000	0.000000	0.000000
## 46	0.000000	0.000000	0.000000

## 47	0.000000	0.000000	0.0000000
## 48	0.000000	0.000000	0.0000000
## 49	0.000000	0.000000	0.0000000
## 50	0.000000	-1.000000	0.0000000
## 51	0.000000	-1.000000	0.0000000
## 52	0.000000	0.000000	0.0000000
## 53	0.000000	0.000000	0.0000000
## 54	0.000000	0.000000	0.0000000
## 55	0.000000	0.000000	0.0000000
## 56	0.000000	0.000000	0.0000000
## 57	0.000000	0.000000	0.0000000
## 58	4.000000	56.000000	2.0000000
## 59	0.000000	0.000000	0.0000000
## 60	2.000000	16.000000	0.0000000
## 61	0.000000	0.000000	0.0000000
## 62	0.000000	0.000000	0.0000000
## 63	12.000000	279.416667	0.0000000
## 64	0.000000	0.000000	0.0000000
## 65	0.000000	-1.000000	0.0000000
## 66	3.000000	87.833333	0.0000000
## 67	4.000000	44.000000	0.0000000
## 68	0.000000	0.000000	0.0000000
## 69	0.000000	0.000000	0.0000000
## 70	0.000000	0.000000	0.0000000
## 71	0.000000	0.000000	0.0000000
## 72	0.000000	0.000000	0.0000000
## 73	0.000000	0.000000	0.0000000
## 74	0.000000	0.000000	0.0000000
## 75	0.000000	0.000000	0.0000000
## 76	0.000000	0.000000	0.0000000
## 77	10.000000	1005.666667	0.0000000
## 78	0.000000	0.000000	0.0000000
## 79	0.000000	0.000000	0.0000000
## 80	0.000000	0.000000	0.0000000
## 81	0.000000	0.000000	0.0000000
## 82	0.000000	0.000000	0.0000000
## 83	0.000000	0.000000	0.0000000
## 84	0.000000	0.000000	0.0000000
## 85	0.000000	0.000000	0.0000000
## 86	0.000000	0.000000	0.0000000
## 87	0.000000	0.000000	0.0000000
## 88	0.000000	0.000000	0.0000000
## 89	0.000000	0.000000	0.0000000
## 90	0.000000	0.000000	0.0000000
## 91	2.000000	36.000000	0.0000000
## 92	0.000000	0.000000	0.0000000
## 93	0.000000	0.000000	0.0000000
## 94	0.000000	0.000000	0.0000000
## 95	0.000000	0.000000	0.0000000
## 96	0.000000	0.000000	0.0000000
## 97	0.000000	0.000000	0.0000000
## 98	0.000000	0.000000	0.0000000
## 99	0.000000	0.000000	1.0000000
## 100	0.000000	0.000000	0.0000000

## 101	3.000000	18.333333	0.0000000
## 102	4.000000	61.000000	0.0000000
## 103	0.000000	0.000000	0.0000000
## 104	2.000000	31.000000	1.0000000
## 105	3.000000	58.500000	0.0000000
## 106	0.000000	0.000000	0.0000000
## 107	0.000000	0.000000	1.0000000
## 108	0.000000	0.000000	0.0000000
## 109	0.000000	0.000000	0.0000000
## 110	6.000000	326.250000	4.0000000
## 111	0.000000	0.000000	0.0000000
## 112	0.000000	0.000000	0.0000000
## 113	0.000000	0.000000	0.0000000
## 114	2.000000	22.000000	0.0000000
## 115	0.000000	0.000000	1.0000000
## 116	0.000000	0.000000	0.0000000
## 117	0.000000	0.000000	0.0000000
## 118	0.000000	0.000000	0.0000000
## 119	0.000000	0.000000	0.0000000
## 120	0.000000	0.000000	0.0000000
## 121	0.000000	0.000000	0.0000000
## 122	0.000000	0.000000	0.0000000
## 123	0.000000	0.000000	2.0000000
## 124	0.000000	0.000000	0.0000000
## 125	0.000000	0.000000	0.0000000
## 126	0.000000	0.000000	0.0000000
## 127	0.000000	0.000000	0.0000000
## 128	0.000000	0.000000	0.0000000
## 129	4.000000	462.000000	0.0000000
## 130	0.000000	0.000000	0.0000000
## 131	0.000000	0.000000	0.0000000
## 132	2.000000	20.000000	0.0000000
## 133	0.000000	-1.000000	0.0000000
## 134	0.000000	0.000000	0.0000000
## 135	6.000000	111.500000	0.0000000
## 136	0.000000	0.000000	0.0000000
## 137	0.000000	0.000000	0.0000000
## 138	0.000000	0.000000	0.0000000
## 139	0.000000	0.000000	0.0000000
## 140	4.000000	103.625000	0.0000000
## 141	0.000000	-1.000000	0.0000000
## 142	0.000000	0.000000	0.0000000
## 143	3.000000	19.000000	0.0000000
## 144	0.000000	0.000000	0.0000000
## 145	0.000000	0.000000	1.0000000
## 146	0.000000	0.000000	0.0000000
## 147	0.000000	0.000000	0.0000000
## 148	0.000000	0.000000	0.0000000
## 149	0.000000	0.000000	0.0000000
## 150	0.000000	0.000000	0.0000000
## 151	0.000000	0.000000	0.0000000
## 152	0.000000	0.000000	0.0000000
## 153	0.000000	0.000000	0.0000000
## 154	0.000000	0.000000	0.0000000

## 155	0.000000	0.000000	0.0000000
## 156	0.000000	0.000000	0.0000000
## 157	0.000000	0.000000	0.0000000
## 158	0.000000	0.000000	0.0000000
## 159	0.000000	0.000000	0.0000000
## 160	0.000000	0.000000	0.0000000
## 161	2.000000	58.000000	2.0000000
## 162	1.000000	9.500000	0.0000000
## 163	0.000000	0.000000	0.0000000
## 164	0.000000	0.000000	0.0000000
## 165	0.000000	0.000000	0.0000000
## 166	0.000000	0.000000	0.0000000
## 167	0.000000	0.000000	0.0000000
## 168	0.000000	0.000000	0.0000000
## 169	0.000000	0.000000	0.0000000
## 170	1.000000	0.000000	0.0000000
## 171	0.000000	0.000000	0.0000000
## 172	0.000000	0.000000	0.0000000
## 173	0.000000	0.000000	0.0000000
## 174	5.000000	41.300000	0.0000000
## 175	3.000000	87.000000	0.0000000
## 176	0.000000	0.000000	0.0000000
## 177	1.000000	0.000000	0.0000000
## 178	0.000000	0.000000	0.0000000
## 179	0.000000	0.000000	0.0000000
## 180	0.000000	-1.000000	0.0000000
## 181	0.000000	-1.000000	0.0000000
## 182	0.000000	0.000000	0.0000000
## 183	0.000000	0.000000	16.0000000
## 184	0.000000	0.000000	0.0000000
## 185	2.000000	9.000000	0.0000000
## 186	10.000000	293.778205	2.0000000
## 187	9.000000	111.500000	1.0000000
## 188	3.000000	47.000000	1.0000000
## 189	0.000000	0.000000	0.0000000
## 190	3.000000	1226.000000	5.0000000
## 191	3.000000	52.000000	0.0000000
## 192	0.000000	0.000000	0.0000000
## 193	0.000000	0.000000	0.0000000
## 194	0.000000	0.000000	0.0000000
## 195	2.000000	56.000000	1.0000000
## 196	3.000000	112.960784	0.0000000
## 197	0.000000	0.000000	0.0000000
## 198	3.000000	94.000000	2.0000000
## 199	1.000000	32.000000	0.0000000
## 200	0.000000	0.000000	0.0000000
## 201	5.000000	218.000000	0.0000000
## 202	0.000000	0.000000	0.0000000
## 203	1.000000	119.000000	0.0000000
## 204	3.000000	281.000000	0.0000000
## 205	1.000000	18.000000	0.0000000
## 206	2.000000	40.000000	0.0000000
## 207	3.000000	107.000000	0.0000000
## 208	0.000000	0.000000	0.0000000

## 209	2.000000	49.000000	1.0000000
## 210	0.000000	0.000000	0.0000000
## 211	0.000000	0.000000	0.0000000
## 212	4.000000	57.000000	0.0000000
## 213	2.000000	2.000000	3.0000000
## 214	2.000000	123.000000	2.0000000
## 215	2.000000	118.000000	0.0000000
## 216	0.000000	0.000000	0.0000000
## 217	0.000000	0.000000	0.0000000
## 218	0.000000	0.000000	0.0000000
## 219	2.000000	38.000000	0.0000000
## 220	0.000000	0.000000	0.0000000
## 221	0.000000	0.000000	0.0000000
## 222	1.000000	54.000000	0.0000000
## 223	1.000000	993.000000	0.0000000
## 224	0.000000	0.000000	0.0000000
## 225	5.000000	74.250000	2.0000000
## 226	0.000000	0.000000	0.0000000
## 227	0.000000	0.000000	0.0000000
## 228	0.000000	0.000000	0.0000000
## 229	2.000000	32.000000	0.0000000
## 230	6.000000	666.833333	0.0000000
## 231	0.000000	0.000000	0.0000000
## 232	1.000000	73.000000	1.0000000
## 233	2.000000	154.000000	0.0000000
## 234	3.000000	49.333333	5.0000000
## 235	3.000000	118.500000	0.0000000
## 236	6.000000	153.500000	0.0000000
## 237	0.000000	0.000000	0.0000000
## 238	0.000000	0.000000	0.0000000
## 239	8.000000	72.250000	1.0000000
## 240	2.000000	24.500000	0.0000000
## 241	1.000000	0.000000	0.0000000
## 242	0.000000	0.000000	1.0000000
## 243	0.000000	0.000000	0.0000000
## 244	0.000000	0.000000	0.0000000
## 245	0.000000	0.000000	0.0000000
## 246	1.000000	22.000000	0.0000000
## 247	16.000000	155.631313	0.0000000
## 248	1.000000	21.333333	1.0000000
## 249	2.000000	191.000000	1.0000000
## 250	0.000000	0.000000	0.0000000
## 251	0.000000	-1.000000	0.0000000
## 252	0.000000	0.000000	0.0000000
## 253	0.000000	0.000000	0.0000000
## 254	4.000000	96.500000	0.0000000
## 255	1.000000	13.000000	0.0000000
## 256	5.000000	1388.750000	0.0000000
## 257	0.000000	0.000000	0.0000000
## 258	0.000000	0.000000	1.0000000
## 259	3.000000	51.000000	0.0000000
## 260	0.000000	0.000000	0.0000000
## 261	1.000000	158.000000	1.0000000
## 262	0.000000	0.000000	0.0000000

## 263	0.000000	0.000000	0.0000000
## 264	0.000000	0.000000	0.0000000
## 265	0.000000	0.000000	0.0000000
## 266	0.000000	0.000000	0.0000000
## 267	0.000000	0.000000	0.0000000
## 268	0.000000	0.000000	0.0000000
## 269	1.000000	10.000000	0.0000000
## 270	0.000000	0.000000	0.0000000
## 271	1.000000	28.000000	1.0000000
## 272	4.000000	27.000000	0.0000000
## 273	0.000000	0.000000	0.0000000
## 274	0.000000	0.000000	0.0000000
## 275	4.000000	15.000000	0.0000000
## 276	0.000000	0.000000	0.0000000
## 277	0.000000	0.000000	0.0000000
## 278	0.000000	0.000000	0.0000000
## 279	0.000000	0.000000	0.0000000
## 280	0.000000	0.000000	0.0000000
## 281	13.000000	1249.809524	4.0000000
## 282	0.000000	0.000000	0.0000000
## 283	2.000000	390.000000	0.0000000
## 284	0.000000	0.000000	0.0000000
## 285	0.000000	0.000000	0.0000000
## 286	0.000000	0.000000	0.0000000
## 287	11.000000	215.523809	1.0000000
## 288	0.000000	0.000000	0.0000000
## 289	1.000000	11.000000	0.0000000
## 290	2.000000	20.000000	0.0000000
## 291	0.000000	0.000000	0.0000000
## 292	0.000000	0.000000	0.0000000
## 293	2.000000	8.000000	1.0000000
## 294	0.000000	0.000000	0.0000000
## 295	0.000000	0.000000	0.0000000
## 296	4.000000	171.250000	0.0000000
## 297	0.000000	0.000000	0.0000000
## 298	0.000000	0.000000	0.0000000
## 299	5.000000	227.333333	0.0000000
## 300	0.000000	0.000000	0.0000000
## 301	0.000000	0.000000	0.0000000
## 302	0.000000	0.000000	0.0000000
## 303	0.000000	0.000000	0.0000000
## 304	0.000000	0.000000	1.0000000
## 305	0.000000	0.000000	0.0000000
## 306	0.000000	0.000000	0.0000000
## 307	0.000000	0.000000	0.0000000
## 308	5.000000	86.000000	0.0000000
## 309	0.000000	0.000000	0.0000000
## 310	0.000000	0.000000	0.0000000
## 311	2.000000	7.000000	0.0000000
## 312	0.000000	0.000000	1.0000000
## 313	7.000000	186.976191	2.0000000
## 314	3.000000	138.000000	2.0000000
## 315	0.000000	0.000000	0.0000000
## 316	2.000000	374.000000	0.0000000

## 317	2.000000	61.000000	0.0000000
## 318	1.000000	14.000000	0.0000000
## 319	1.000000	38.000000	0.0000000
## 320	0.000000	0.000000	0.0000000
## 321	0.000000	0.000000	0.0000000
## 322	2.000000	96.000000	0.0000000
## 323	6.000000	615.250000	0.0000000
## 324	4.000000	111.000000	0.0000000
## 325	2.000000	147.000000	0.0000000
## 326	0.000000	0.000000	0.0000000
## 327	3.000000	53.166667	0.0000000
## 328	2.000000	58.000000	0.0000000
## 329	0.000000	0.000000	0.0000000
## 330	3.000000	48.500000	0.0000000
## 331	1.000000	21.000000	3.0000000
## 332	4.000000	115.333333	0.0000000
## 333	0.000000	0.000000	1.0000000
## 334	1.000000	8.000000	0.0000000
## 335	1.000000	32.285714	0.0000000
## 336	0.000000	0.000000	0.0000000
## 337	0.000000	0.000000	0.0000000
## 338	1.000000	11.000000	0.0000000
## 339	0.000000	0.000000	0.0000000
## 340	0.000000	0.000000	0.0000000
## 341	0.000000	0.000000	0.0000000
## 342	0.000000	0.000000	0.0000000
## 343	0.000000	0.000000	0.0000000
## 344	4.000000	277.750000	0.0000000
## 345	0.000000	0.000000	0.0000000
## 346	6.000000	241.166667	0.0000000
## 347	3.000000	64.000000	0.0000000
## 348	1.000000	25.500000	0.0000000
## 349	2.000000	64.000000	0.0000000
## 350	0.000000	0.000000	0.0000000
## 351	8.000000	130.000000	1.0000000
## 352	9.000000	79.000000	1.0000000
## 353	3.000000	84.000000	0.0000000
## 354	0.000000	0.000000	1.0000000
## 355	0.000000	0.000000	0.0000000
## 356	0.000000	0.000000	0.0000000
## 357	3.000000	41.000000	0.0000000
## 358	0.000000	0.000000	0.0000000
## 359	0.000000	0.000000	0.0000000
## 360	0.000000	0.000000	0.0000000
## 361	1.000000	14.000000	0.0000000
## 362	4.000000	86.000000	0.0000000
## 363	0.000000	0.000000	0.0000000
## 364	3.000000	618.000000	0.0000000
## 365	0.000000	0.000000	0.0000000
## 366	1.000000	11.888889	0.0000000
## 367	5.000000	51.500000	0.0000000
## 368	2.000000	7.000000	0.0000000
## 369	8.000000	269.000000	0.0000000
## 370	0.000000	0.000000	0.0000000

## 371	2.000000	44.500000	0.0000000
## 372	1.000000	3.000000	14.0000000
## 373	0.000000	0.000000	0.0000000
## 374	0.000000	0.000000	0.0000000
## 375	4.000000	61.000000	0.0000000
## 376	3.000000	90.000000	0.0000000
## 377	0.000000	0.000000	0.0000000
## 378	2.000000	102.500000	3.0000000
## 379	0.000000	0.000000	0.0000000
## 380	0.000000	0.000000	0.0000000
## 381	1.000000	17.000000	0.0000000
## 382	0.000000	-1.000000	0.0000000
## 383	9.000000	213.321429	5.0000000
## 384	0.000000	0.000000	0.0000000
## 385	0.000000	0.000000	0.0000000
## 386	0.000000	0.000000	0.0000000
## 387	0.000000	0.000000	0.0000000
## 388	0.000000	0.000000	0.0000000
## 389	6.000000	71.500000	0.0000000
## 390	0.000000	0.000000	0.0000000
## 391	1.000000	6.000000	0.0000000
## 392	3.000000	304.000000	0.0000000
## 393	0.000000	0.000000	0.0000000
## 394	7.000000	151.000000	0.0000000
## 395	3.000000	199.750000	0.0000000
## 396	1.000000	13.500000	1.0000000
## 397	0.000000	0.000000	0.0000000
## 398	7.000000	191.200000	4.0000000
## 399	2.000000	47.000000	0.0000000
## 400	0.000000	0.000000	0.0000000
## 401	5.000000	197.000000	4.0000000
## 402	3.000000	115.125000	0.0000000
## 403	4.000000	312.750000	0.0000000
## 404	0.000000	0.000000	0.0000000
## 405	4.000000	724.000000	0.0000000
## 406	0.000000	0.000000	0.0000000
## 407	8.000000	237.500000	4.0000000
## 408	3.000000	66.333333	0.0000000
## 409	0.000000	0.000000	0.0000000
## 410	2.000000	190.000000	1.0000000
## 411	4.000000	174.000000	1.0000000
## 412	3.000000	227.000000	0.0000000
## 413	1.000000	23.000000	0.0000000
## 414	0.000000	0.000000	0.0000000
## 415	0.000000	0.000000	2.0000000
## 416	0.000000	0.000000	0.0000000
## 417	0.000000	0.000000	0.0000000
## 418	1.000000	26.000000	1.0000000
## 419	0.000000	0.000000	0.0000000
## 420	0.000000	0.000000	0.0000000
## 421	2.000000	41.000000	0.0000000
## 422	4.000000	74.000000	2.0000000
## 423	0.000000	0.000000	0.0000000
## 424	0.000000	0.000000	0.0000000

## 425	0.000000	0.000000	0.0000000
## 426	0.000000	0.000000	0.0000000
## 427	0.000000	0.000000	0.0000000
## 428	2.000000	74.000000	0.0000000
## 429	0.000000	0.000000	0.0000000
## 430	2.000000	45.000000	0.0000000
## 431	2.000000	112.000000	0.0000000
## 432	0.000000	0.000000	0.0000000
## 433	2.000000	37.000000	0.0000000
## 434	0.000000	0.000000	0.0000000
## 435	0.000000	0.000000	0.0000000
## 436	1.000000	5.500000	0.0000000
## 437	3.000000	50.000000	0.0000000
## 438	0.000000	0.000000	0.0000000
## 439	2.000000	26.000000	0.0000000
## 440	0.000000	0.000000	0.0000000
## 441	5.000000	113.500000	0.0000000
## 442	0.000000	0.000000	0.0000000
## 443	3.000000	279.000000	0.0000000
## 444	3.000000	228.000000	1.0000000
## 445	3.000000	55.000000	2.0000000
## 446	6.000000	112.500000	0.0000000
## 447	1.000000	17.000000	0.0000000
## 448	0.000000	0.000000	0.0000000
## 449	0.000000	0.000000	0.0000000
## 450	0.000000	0.000000	0.0000000
## 451	0.000000	0.000000	0.0000000
## 452	1.000000	8.500000	0.0000000
## 453	0.000000	0.000000	0.0000000
## 454	0.000000	0.000000	0.0000000
## 455	0.000000	0.000000	0.0000000
## 456	0.000000	0.000000	0.0000000
## 457	7.000000	319.500000	0.0000000
## 458	0.000000	0.000000	0.0000000
## 459	0.000000	0.000000	1.0000000
## 460	0.000000	0.000000	0.0000000
## 461	0.000000	0.000000	0.0000000
## 462	5.000000	97.500000	0.0000000
## 463	7.000000	182.083333	0.0000000
## 464	3.000000	97.000000	0.0000000
## 465	0.000000	0.000000	0.0000000
## 466	3.000000	34.833333	0.0000000
## 467	0.000000	0.000000	3.0000000
## 468	0.000000	0.000000	0.0000000
## 469	0.000000	0.000000	0.0000000
## 470	0.000000	0.000000	2.0000000
## 471	0.000000	0.000000	0.0000000
## 472	1.000000	77.000000	0.0000000
## 473	3.000000	107.000000	0.0000000
## 474	10.000000	614.166667	0.0000000
## 475	13.000000	315.966667	1.0000000
## 476	0.000000	0.000000	0.0000000
## 477	1.000000	0.000000	0.0000000
## 478	0.000000	0.000000	0.0000000

## 479	2.000000	11.000000	0.0000000
## 480	2.000000	47.666667	0.0000000
## 481	0.000000	0.000000	0.0000000
## 482	0.000000	0.000000	0.0000000
## 483	0.000000	0.000000	0.0000000
## 484	0.000000	0.000000	0.0000000
## 485	2.000000	30.000000	1.0000000
## 486	0.000000	0.000000	0.0000000
## 487	0.000000	0.000000	0.0000000
## 488	0.000000	0.000000	0.0000000
## 489	0.000000	0.000000	0.0000000
## 490	2.000000	25.000000	0.0000000
## 491	0.000000	0.000000	0.0000000
## 492	8.000000	359.000000	2.0000000
## 493	0.000000	0.000000	0.0000000
## 494	5.000000	59.000000	0.0000000
## 495	4.000000	1347.750000	0.0000000
## 496	0.000000	0.000000	0.0000000
## 497	0.000000	0.000000	0.0000000
## 498	18.000000	280.950000	6.0000000
## 499	4.000000	100.300000	0.0000000
## 500	1.000000	23.000000	0.0000000
## 501	6.000000	53.380952	0.0000000
## 502	2.000000	8.000000	0.0000000
## 503	0.000000	0.000000	0.0000000
## 504	1.000000	0.000000	1.0000000
## 505	0.000000	0.000000	0.0000000
## 506	14.000000	416.392857	6.0000000
## 507	6.000000	573.500000	1.0000000
## 508	6.000000	465.833333	2.0000000
## 509	0.000000	0.000000	1.0000000
## 510	0.000000	0.000000	0.0000000
## 511	0.000000	0.000000	0.0000000
## 512	9.000000	97.642857	0.0000000
## 513	0.000000	0.000000	0.0000000
## 514	3.000000	148.000000	0.0000000
## 515	0.000000	0.000000	0.0000000
## 516	3.000000	58.000000	0.0000000
## 517	0.000000	0.000000	0.0000000
## 518	1.000000	3.000000	0.0000000
## 519	4.000000	97.611111	0.0000000
## 520	4.000000	57.000000	0.0000000
## 521	2.000000	34.000000	0.0000000
## 522	0.000000	0.000000	0.0000000
## 523	0.000000	0.000000	0.0000000
## 524	1.000000	7.000000	0.0000000
## 525	2.000000	37.500000	0.0000000
## 526	1.000000	3.000000	0.0000000
## 527	0.000000	-1.000000	0.0000000
## 528	0.000000	0.000000	0.0000000
## 529	0.000000	0.000000	0.0000000
## 530	2.000000	22.500000	0.0000000
## 531	0.000000	0.000000	1.0000000
## 532	0.000000	0.000000	0.0000000

## 533	0.000000	0.000000	0.0000000
## 534	0.000000	0.000000	0.0000000
## 535	0.000000	-1.000000	0.0000000
## 536	0.000000	0.000000	0.0000000
## 537	0.000000	0.000000	0.0000000
## 538	2.000000	38.000000	0.0000000
## 539	6.000000	77.000000	3.0000000
## 540	2.000000	58.500000	2.0000000
## 541	0.000000	0.000000	0.0000000
## 542	6.000000	99.333333	1.0000000
## 543	3.000000	117.000000	0.0000000
## 544	0.000000	0.000000	0.0000000
## 545	2.000000	16.666667	0.0000000
## 546	0.000000	0.000000	0.0000000
## 547	12.000000	81.500000	0.0000000
## 548	0.000000	0.000000	0.0000000
## 549	0.000000	0.000000	1.0000000
## 550	4.000000	34.000000	0.0000000
## 551	4.000000	38.500000	0.0000000
## 552	0.000000	0.000000	0.0000000
## 553	0.000000	0.000000	0.0000000
## 554	7.000000	156.250000	0.0000000
## 555	3.000000	15.000000	0.0000000
## 556	0.000000	-1.000000	0.0000000
## 557	0.000000	0.000000	2.0000000
## 558	0.000000	0.000000	0.0000000
## 559	1.000000	19.000000	0.0000000
## 560	0.000000	0.000000	0.0000000
## 561	1.000000	7.000000	0.0000000
## 562	0.000000	0.000000	0.0000000
## 563	0.000000	0.000000	0.0000000
## 564	0.000000	0.000000	0.0000000
## 565	0.000000	0.000000	0.0000000
## 566	0.000000	0.000000	0.0000000
## 567	0.000000	0.000000	0.0000000
## 568	5.000000	67.500000	3.0000000
## 569	12.000000	311.409091	0.0000000
## 570	0.000000	0.000000	0.0000000
## 571	0.000000	0.000000	0.0000000
## 572	3.000000	14.000000	0.0000000
## 573	6.000000	145.000000	0.0000000
## 574	0.000000	0.000000	0.0000000
## 575	0.000000	0.000000	1.0000000
## 576	1.000000	43.000000	0.0000000
## 577	0.000000	0.000000	0.0000000
## 578	4.000000	84.000000	0.0000000
## 579	0.000000	0.000000	0.0000000
## 580	4.000000	120.000000	0.0000000
## 581	0.000000	0.000000	1.0000000
## 582	0.000000	0.000000	0.0000000
## 583	0.000000	0.000000	0.0000000
## 584	0.000000	-1.000000	0.0000000
## 585	0.000000	0.000000	0.0000000
## 586	5.000000	263.000000	0.0000000

## 587	1.000000	0.000000	0.0000000
## 588	9.000000	72.944444	2.0000000
## 589	0.000000	0.000000	0.0000000
## 590	0.000000	0.000000	0.0000000
## 591	0.000000	0.000000	0.0000000
## 592	1.000000	18.500000	0.0000000
## 593	6.000000	87.333333	0.0000000
## 594	6.000000	99.605882	0.0000000
## 595	3.000000	63.000000	0.0000000
## 596	3.000000	68.000000	1.0000000
## 597	0.000000	0.000000	0.0000000
## 598	0.000000	0.000000	0.0000000
## 599	3.000000	68.500000	0.0000000
## 600	1.000000	135.000000	0.0000000
## 601	0.000000	0.000000	0.0000000
## 602	1.000000	34.000000	0.0000000
## 603	6.000000	176.250000	12.0000000
## 604	16.000000	315.144986	6.0000000
## 605	6.000000	523.214286	2.0000000
## 606	4.000000	76.000000	0.0000000
## 607	3.000000	118.666667	0.0000000
## 608	0.000000	0.000000	0.0000000
## 609	8.000000	174.500000	0.0000000
## 610	1.000000	40.000000	0.0000000
## 611	8.000000	201.166667	3.0000000
## 612	13.000000	374.875000	1.0000000
## 613	4.000000	56.000000	0.0000000
## 614	3.000000	92.833333	0.0000000
## 615	0.000000	0.000000	0.0000000
## 616	0.000000	0.000000	0.0000000
## 617	1.000000	4.000000	3.0000000
## 618	2.000000	102.000000	0.0000000
## 619	0.000000	0.000000	0.0000000
## 620	1.000000	11.000000	0.0000000
## 621	0.000000	0.000000	1.0000000
## 622	0.000000	0.000000	0.0000000
## 623	3.000000	187.000000	2.0000000
## 624	0.000000	0.000000	0.0000000
## 625	4.000000	185.000000	0.0000000
## 626	0.000000	0.000000	0.0000000
## 627	0.000000	0.000000	0.0000000
## 628	8.000000	166.200000	5.0000000
## 629	0.000000	0.000000	0.0000000
## 630	0.000000	0.000000	0.0000000
## 631	0.000000	-1.000000	0.0000000
## 632	2.000000	84.000000	0.0000000
## 633	3.000000	86.000000	0.0000000
## 634	17.000000	754.109524	2.0000000
## 635	3.000000	24.000000	0.0000000
## 636	0.000000	0.000000	0.0000000
## 637	8.000000	17.348485	0.0000000
## 638	0.000000	0.000000	0.0000000
## 639	2.000000	15.000000	0.0000000
## 640	0.000000	0.000000	0.0000000

## 641	3.000000	36.000000	1.0000000
## 642	2.000000	34.000000	0.0000000
## 643	0.000000	0.000000	0.0000000
## 644	0.000000	0.000000	0.0000000
## 645	2.000000	47.000000	0.0000000
## 646	0.000000	0.000000	0.0000000
## 647	5.000000	44.500000	1.0000000
## 648	6.000000	125.500000	0.0000000
## 649	0.000000	0.000000	0.0000000
## 650	2.000000	42.000000	2.0000000
## 651	0.000000	0.000000	0.0000000
## 652	0.000000	0.000000	0.0000000
## 653	2.000000	95.000000	0.0000000
## 654	4.000000	56.500000	0.0000000
## 655	0.000000	0.000000	0.0000000
## 656	0.000000	0.000000	0.0000000
## 657	5.000000	134.928571	2.0000000
## 658	0.000000	0.000000	0.0000000
## 659	2.000000	64.000000	0.0000000
## 660	3.000000	68.000000	0.0000000
## 661	2.000000	20.500000	0.0000000
## 662	0.000000	0.000000	0.0000000
## 663	0.000000	0.000000	0.0000000
## 664	3.000000	11.333333	0.0000000
## 665	0.000000	0.000000	0.0000000
## 666	5.000000	504.000000	0.0000000
## 667	2.000000	25.000000	0.0000000
## 668	2.000000	20.000000	0.0000000
## 669	1.000000	19.666667	0.0000000
## 670	1.000000	13.000000	0.0000000
## 671	0.000000	0.000000	0.0000000
## 672	0.000000	0.000000	0.0000000
## 673	6.000000	76.333333	0.0000000
## 674	2.000000	45.444444	1.0000000
## 675	3.000000	31.000000	0.0000000
## 676	0.000000	0.000000	0.0000000
## 677	0.000000	0.000000	0.0000000
## 678	0.000000	0.000000	0.0000000
## 679	0.000000	0.000000	0.0000000
## 680	0.000000	0.000000	0.0000000
## 681	0.000000	0.000000	4.0000000
## 682	0.000000	0.000000	0.0000000
## 683	0.000000	0.000000	0.0000000
## 684	8.000000	125.166667	0.0000000
## 685	2.000000	13.000000	0.0000000
## 686	1.000000	72.666667	4.0000000
## 687	5.000000	100.916667	0.0000000
## 688	7.000000	60.000000	3.0000000
## 689	3.000000	49.500000	1.0000000
## 690	8.000000	466.500000	2.0000000
## 691	0.000000	0.000000	0.0000000
## 692	0.000000	0.000000	0.0000000
## 693	5.000000	175.230769	0.0000000
## 694	6.000000	96.857143	0.0000000

## 695	0.000000	0.000000	0.0000000
## 696	19.000000	402.185714	4.0000000
## 697	0.000000	0.000000	0.0000000
## 698	4.000000	178.200000	0.0000000
## 699	7.000000	156.500000	1.0000000
## 700	5.000000	58.000000	0.0000000
## 701	0.000000	0.000000	0.0000000
## 702	1.000000	43.000000	0.0000000
## 703	0.000000	0.000000	0.0000000
## 704	0.000000	0.000000	1.0000000
## 705	0.000000	0.000000	0.0000000
## 706	0.000000	0.000000	0.0000000
## 707	0.000000	0.000000	0.0000000
## 708	2.000000	306.000000	0.0000000
## 709	3.000000	72.000000	1.0000000
## 710	0.000000	0.000000	0.0000000
## 711	1.000000	202.000000	0.0000000
## 712	0.000000	0.000000	0.0000000
## 713	0.000000	0.000000	0.0000000
## 714	4.000000	359.300000	4.0000000
## 715	0.000000	0.000000	0.0000000
## 716	0.000000	0.000000	0.0000000
## 717	0.000000	0.000000	0.0000000
## 718	1.000000	39.000000	0.0000000
## 719	0.000000	0.000000	0.0000000
## 720	0.000000	0.000000	0.0000000
## 721	0.000000	0.000000	0.0000000
## 722	2.000000	41.500000	2.0000000
## 723	0.000000	0.000000	0.0000000
## 724	0.000000	0.000000	0.0000000
## 725	2.000000	123.000000	0.0000000
## 726	3.000000	42.000000	0.0000000
## 727	0.000000	0.000000	1.0000000
## 728	0.000000	0.000000	0.0000000
## 729	1.000000	22.000000	0.0000000
## 730	2.000000	95.500000	0.0000000
## 731	2.000000	48.666667	0.0000000
## 732	5.000000	294.700000	6.0000000
## 733	0.000000	0.000000	0.0000000
## 734	1.000000	0.000000	0.0000000
## 735	0.000000	0.000000	0.0000000
## 736	0.000000	0.000000	0.0000000
## 737	0.000000	0.000000	0.0000000
## 738	3.000000	125.000000	1.0000000
## 739	3.000000	12.000000	1.0000000
## 740	1.000000	10.500000	0.0000000
## 741	0.000000	0.000000	0.0000000
## 742	0.000000	0.000000	0.0000000
## 743	3.000000	99.000000	0.0000000
## 744	6.000000	171.083333	0.0000000
## 745	7.000000	159.500000	0.0000000
## 746	1.000000	5.000000	0.0000000
## 747	5.000000	206.000000	0.0000000
## 748	2.000000	40.000000	2.0000000

## 749	0.000000	0.000000	0.0000000
## 750	0.000000	0.000000	0.0000000
## 751	0.000000	0.000000	0.0000000
## 752	6.000000	262.250000	3.0000000
## 753	2.000000	44.000000	0.0000000
## 754	0.000000	0.000000	0.0000000
## 755	0.000000	0.000000	0.0000000
## 756	0.000000	0.000000	0.0000000
## 757	0.000000	0.000000	0.0000000
## 758	0.000000	0.000000	0.0000000
## 759	0.000000	0.000000	0.0000000
## 760	2.000000	62.500000	0.0000000
## 761	15.000000	937.174603	3.0000000
## 762	2.000000	48.000000	0.0000000
## 763	0.000000	0.000000	0.0000000
## 764	6.000000	437.391304	2.0000000
## 765	7.000000	159.333333	0.0000000
## 766	2.000000	32.500000	0.0000000
## 767	0.000000	0.000000	2.0000000
## 768	11.000000	212.741667	3.0000000
## 769	0.000000	0.000000	0.0000000
## 770	3.000000	16.333333	0.0000000
## 771	0.000000	0.000000	0.0000000
## 772	0.000000	0.000000	0.0000000
## 773	4.000000	130.000000	0.0000000
## 774	4.000000	15.000000	1.0000000
## 775	0.000000	0.000000	1.0000000
## 776	0.000000	0.000000	0.0000000
## 777	0.000000	0.000000	0.0000000
## 778	2.000000	44.000000	0.0000000
## 779	9.000000	140.500000	0.0000000
## 780	0.000000	0.000000	0.0000000
## 781	0.000000	0.000000	0.0000000
## 782	0.000000	0.000000	0.0000000
## 783	4.000000	56.000000	1.0000000
## 784	3.000000	281.000000	0.0000000
## 785	2.000000	88.000000	0.0000000
## 786	1.000000	0.000000	0.0000000
## 787	9.000000	110.409091	1.0000000
## 788	0.000000	0.000000	0.0000000
## 789	0.000000	0.000000	0.0000000
## 790	10.000000	316.140503	7.0000000
## 791	0.000000	0.000000	0.0000000
## 792	2.000000	27.000000	0.0000000
## 793	3.000000	74.000000	2.0000000
## 794	0.000000	0.000000	0.0000000
## 795	0.000000	0.000000	0.0000000
## 796	0.000000	0.000000	0.0000000
## 797	1.000000	0.000000	1.0000000
## 798	0.000000	0.000000	0.0000000
## 799	2.000000	140.000000	0.0000000
## 800	3.000000	119.000000	0.0000000
## 801	7.000000	301.700000	6.0000000
## 802	0.000000	0.000000	0.0000000

## 803	0.000000	0.000000	0.0000000
## 804	0.000000	0.000000	0.0000000
## 805	0.000000	0.000000	0.0000000
## 806	6.000000	113.500000	0.0000000
## 807	3.000000	421.000000	0.0000000
## 808	2.000000	115.000000	0.0000000
## 809	0.000000	0.000000	2.0000000
## 810	0.000000	0.000000	0.0000000
## 811	1.000000	9.000000	0.0000000
## 812	0.000000	0.000000	0.0000000
## 813	0.000000	0.000000	0.0000000
## 814	0.000000	0.000000	0.0000000
## 815	0.000000	0.000000	0.0000000
## 816	0.000000	0.000000	0.0000000
## 817	2.000000	208.000000	1.0000000
## 818	0.000000	0.000000	0.0000000
## 819	5.000000	193.000000	1.0000000
## 820	1.000000	3.000000	0.0000000
## 821	4.000000	87.500000	1.0000000
## 822	0.000000	0.000000	0.0000000
## 823	0.000000	0.000000	0.0000000
## 824	5.000000	42.181818	0.0000000
## 825	3.000000	132.500000	0.0000000
## 826	7.000000	163.666667	0.0000000
## 827	2.000000	83.000000	0.0000000
## 828	5.000000	117.833333	0.0000000
## 829	3.000000	95.000000	0.0000000
## 830	0.000000	0.000000	0.0000000
## 831	3.000000	60.000000	0.0000000
## 832	0.000000	0.000000	0.0000000
## 833	5.000000	55.500000	0.0000000
## 834	0.000000	0.000000	0.0000000
## 835	8.000000	160.500000	2.0000000
## 836	4.000000	64.333333	1.0000000
## 837	4.000000	73.333333	0.0000000
## 838	0.000000	0.000000	0.0000000
## 839	9.000000	215.233333	5.0000000
## 840	4.000000	81.500000	0.0000000
## 841	0.000000	0.000000	1.0000000
## 842	7.000000	201.500000	0.0000000
## 843	0.000000	0.000000	0.0000000
## 844	8.000000	492.416667	4.0000000
## 845	7.000000	146.250000	0.0000000
## 846	5.000000	156.269048	4.0000000
## 847	0.000000	0.000000	0.0000000
## 848	4.000000	13.619048	0.0000000
## 849	0.000000	0.000000	0.0000000
## 850	2.000000	14.000000	0.0000000
## 851	0.000000	0.000000	0.0000000
## 852	0.000000	0.000000	0.0000000
## 853	1.000000	12.000000	0.0000000
## 854	6.000000	352.500000	0.0000000
## 855	0.000000	0.000000	0.0000000
## 856	0.000000	0.000000	0.0000000

## 857	5.000000	92.750000	1.0000000
## 858	0.000000	0.000000	0.0000000
## 859	0.000000	0.000000	0.0000000
## 860	3.000000	168.000000	0.0000000
## 861	0.000000	0.000000	0.0000000
## 862	5.000000	179.500000	0.0000000
## 863	8.000000	274.500000	0.0000000
## 864	3.000000	64.500000	0.0000000
## 865	0.000000	0.000000	0.0000000
## 866	1.000000	4.000000	2.0000000
## 867	9.000000	171.666667	3.0000000
## 868	0.000000	0.000000	0.0000000
## 869	0.000000	0.000000	0.0000000
## 870	0.000000	0.000000	0.0000000
## 871	1.000000	0.000000	0.0000000
## 872	9.000000	311.916667	0.0000000
## 873	1.000000	98.500000	0.0000000
## 874	9.000000	867.922619	0.0000000
## 875	3.000000	147.000000	0.0000000
## 876	2.000000	27.000000	0.0000000
## 877	3.000000	106.750000	0.0000000
## 878	0.000000	0.000000	0.0000000
## 879	0.000000	0.000000	0.0000000
## 880	1.000000	55.000000	1.0000000
## 881	0.000000	0.000000	0.0000000
## 882	0.000000	0.000000	0.0000000
## 883	5.000000	241.666667	5.0000000
## 884	0.000000	0.000000	0.0000000
## 885	1.000000	47.000000	0.0000000
## 886	0.000000	0.000000	0.0000000
## 887	3.000000	35.000000	0.0000000
## 888	0.000000	0.000000	0.0000000
## 889	0.000000	0.000000	0.0000000
## 890	0.000000	0.000000	0.0000000
## 891	0.000000	0.000000	0.0000000
## 892	0.000000	0.000000	0.0000000
## 893	3.000000	33.000000	2.0000000
## 894	3.000000	152.500000	5.0000000
## 895	11.000000	828.052632	6.0000000
## 896	0.000000	0.000000	0.0000000
## 897	0.000000	0.000000	0.0000000
## 898	4.000000	162.000000	3.0000000
## 899	4.000000	539.500000	0.0000000
## 900	0.000000	0.000000	0.0000000
## 901	4.000000	120.500000	0.0000000
## 902	0.000000	0.000000	0.0000000
## 903	0.000000	0.000000	0.0000000
## 904	1.000000	12.000000	0.0000000
## 905	12.000000	285.011905	0.0000000
## 906	0.000000	0.000000	0.0000000
## 907	10.000000	198.500000	2.0000000
## 908	4.000000	224.000000	1.0000000
## 909	0.000000	0.000000	0.0000000
## 910	4.000000	162.500000	2.0000000

## 911	2.000000	77.500000	3.0000000
## 912	6.000000	192.500000	0.0000000
## 913	6.000000	148.800000	4.0000000
## 914	0.000000	0.000000	0.0000000
## 915	0.000000	0.000000	0.0000000
## 916	0.000000	0.000000	0.0000000
## 917	0.000000	0.000000	0.0000000
## 918	0.000000	0.000000	0.0000000
## 919	4.000000	1521.000000	2.0000000
## 920	13.000000	112.266667	0.0000000
## 921	0.000000	0.000000	0.0000000
## 922	3.000000	150.000000	0.0000000
## 923	0.000000	0.000000	0.0000000
## 924	0.000000	0.000000	0.0000000
## 925	0.000000	0.000000	4.0000000
## 926	0.000000	0.000000	0.0000000
## 927	4.000000	167.500000	0.0000000
## 928	4.000000	57.000000	1.0000000
## 929	5.000000	345.000000	0.0000000
## 930	0.000000	0.000000	0.0000000
## 931	0.000000	0.000000	0.0000000
## 932	11.000000	267.166667	0.0000000
## 933	0.000000	0.000000	0.0000000
## 934	3.000000	123.000000	0.0000000
## 935	3.000000	1373.500000	0.0000000
## 936	5.000000	29.000000	0.0000000
## 937	0.000000	0.000000	0.0000000
## 938	0.000000	0.000000	0.0000000
## 939	8.000000	29.500000	0.0000000
## 940	0.000000	0.000000	0.0000000
## 941	0.000000	0.000000	0.0000000
## 942	5.000000	79.333333	3.0000000
## 943	0.000000	0.000000	0.0000000
## 944	0.000000	0.000000	0.0000000
## 945	3.000000	16.000000	0.0000000
## 946	0.000000	0.000000	0.0000000
## 947	0.000000	0.000000	0.0000000
## 948	2.000000	33.000000	0.0000000
## 949	3.000000	139.000000	0.0000000
## 950	2.000000	47.000000	0.0000000
## 951	0.000000	0.000000	0.0000000
## 952	1.000000	54.500000	0.0000000
## 953	14.000000	272.500000	2.0000000
## 954	0.000000	0.000000	0.0000000
## 955	0.000000	0.000000	0.0000000
## 956	0.000000	0.000000	0.0000000
## 957	5.000000	169.000000	0.0000000
## 958	4.000000	59.250000	0.0000000
## 959	4.000000	175.000000	0.0000000
## 960	0.000000	0.000000	0.0000000
## 961	4.000000	159.000000	0.0000000
## 962	0.000000	0.000000	0.0000000
## 963	0.000000	0.000000	0.0000000
## 964	0.000000	0.000000	0.0000000

## 965	11.000000	247.333333	2.0000000
## 966	0.000000	0.000000	0.0000000
## 967	2.000000	78.333333	0.0000000
## 968	0.000000	0.000000	0.0000000
## 969	1.000000	16.000000	0.0000000
## 970	1.000000	8.000000	0.0000000
## 971	0.000000	0.000000	0.0000000
## 972	5.000000	267.500000	0.0000000
## 973	1.000000	14.000000	0.0000000
## 974	0.000000	0.000000	0.0000000
## 975	2.000000	17.000000	0.0000000
## 976	1.000000	12.000000	0.0000000
## 977	5.000000	114.750000	0.0000000
## 978	0.000000	0.000000	0.0000000
## 979	0.000000	0.000000	0.0000000
## 980	0.000000	0.000000	0.0000000
## 981	1.000000	10.000000	0.0000000
## 982	10.000000	164.500000	1.0000000
## 983	0.000000	0.000000	0.0000000
## 984	0.000000	0.000000	0.0000000
## 985	0.000000	0.000000	0.0000000
## 986	0.000000	0.000000	0.0000000
## 987	4.000000	387.500000	0.0000000
## 988	2.000000	123.000000	0.0000000
## 989	4.000000	272.500000	0.0000000
## 990	0.000000	0.000000	0.0000000
## 991	0.000000	0.000000	0.0000000
## 992	0.000000	0.000000	0.0000000
## 993	0.000000	0.000000	0.0000000
## 994	0.000000	0.000000	0.0000000
## 995	4.000000	320.500000	0.0000000
## 996	0.000000	0.000000	0.0000000
## 997	2.000000	35.000000	0.0000000
## 998	0.000000	0.000000	0.0000000
## 999	0.000000	0.000000	0.0000000
## 1000	0.000000	0.000000	0.0000000
## 1001	2.000000	34.000000	0.0000000
## 1002	2.000000	47.000000	0.0000000
## 1003	2.000000	11.000000	3.0000000
## 1004	0.000000	0.000000	0.0000000
## 1005	3.000000	13.000000	0.0000000
## 1006	0.000000	0.000000	0.0000000
## 1007	2.000000	36.000000	0.0000000
## 1008	0.000000	0.000000	0.0000000
## 1009	0.000000	0.000000	0.0000000
## 1010	0.000000	0.000000	0.0000000
## 1011	3.000000	33.000000	0.0000000
## 1012	7.000000	97.000000	6.0000000
## 1013	0.000000	0.000000	0.0000000
## 1014	0.000000	0.000000	0.0000000
## 1015	1.000000	37.000000	0.0000000
## 1016	4.000000	55.000000	0.0000000
## 1017	0.000000	0.000000	0.0000000
## 1018	3.000000	26.000000	0.0000000

## 1019	0.000000	0.000000	0.0000000
## 1020	0.000000	0.000000	0.0000000
## 1021	2.000000	24.500000	1.0000000
## 1022	1.000000	24.000000	3.0000000
## 1023	0.000000	0.000000	0.0000000
## 1024	0.000000	0.000000	0.0000000
## 1025	1.000000	0.000000	0.0000000
## 1026	9.000000	122.000000	1.0000000
## 1027	1.000000	123.000000	0.0000000
## 1028	3.000000	308.000000	0.0000000
## 1029	0.000000	0.000000	0.0000000
## 1030	0.000000	0.000000	0.0000000
## 1031	0.000000	0.000000	0.0000000
## 1032	0.000000	0.000000	0.0000000
## 1033	0.000000	0.000000	0.0000000
## 1034	5.000000	72.500000	0.0000000
## 1035	1.000000	21.000000	1.0000000
## 1036	6.000000	233.083333	2.0000000
## 1037	0.000000	0.000000	0.0000000
## 1038	0.000000	0.000000	0.0000000
## 1039	4.000000	315.000000	0.0000000
## 1040	0.000000	0.000000	0.0000000
## 1041	0.000000	0.000000	0.0000000
## 1042	0.000000	0.000000	0.0000000
## 1043	6.000000	192.500000	0.0000000
## 1044	0.000000	0.000000	0.0000000
## 1045	0.000000	0.000000	0.0000000
## 1046	0.000000	0.000000	0.0000000
## 1047	0.000000	0.000000	0.0000000
## 1048	3.000000	43.500000	0.0000000
## 1049	4.000000	76.000000	0.0000000
## 1050	2.317798	80.906176	0.5039786
## 1051	0.000000	0.000000	0.0000000
## 1052	2.000000	35.000000	0.0000000
## 1053	3.000000	13.000000	0.0000000
## 1054	6.000000	160.095238	3.0000000
## 1055	0.000000	0.000000	0.0000000
## 1056	0.000000	0.000000	0.0000000
## 1057	1.000000	45.000000	0.0000000
## 1058	4.000000	177.166667	0.0000000
## 1059	0.000000	0.000000	0.0000000
## 1060	0.000000	0.000000	1.0000000
## 1061	4.000000	43.500000	0.0000000
## 1062	0.000000	0.000000	0.0000000
## 1063	0.000000	0.000000	0.0000000
## 1064	0.000000	0.000000	0.0000000
## 1065	0.000000	0.000000	0.0000000
## 1066	0.000000	0.000000	2.0000000
## 1067	0.000000	0.000000	0.0000000
## 1068	0.000000	0.000000	0.0000000
## 1069	5.000000	159.000000	0.0000000
## 1070	0.000000	0.000000	0.0000000
## 1071	0.000000	0.000000	0.0000000
## 1072	0.000000	0.000000	0.0000000

## 1073	0.000000	0.000000	0.0000000
## 1074	1.000000	54.000000	1.0000000
## 1075	0.000000	0.000000	0.0000000
## 1076	2.000000	34.000000	0.0000000
## 1077	0.000000	0.000000	0.0000000
## 1078	0.000000	0.000000	0.0000000
## 1079	0.000000	0.000000	0.0000000
## 1080	3.000000	36.000000	0.0000000
## 1081	7.000000	196.000000	3.0000000
## 1082	1.000000	0.000000	2.0000000
## 1083	0.000000	0.000000	0.0000000
## 1084	0.000000	0.000000	0.0000000
## 1085	0.000000	0.000000	1.0000000
## 1086	2.000000	21.000000	1.0000000
## 1087	10.000000	231.000000	1.0000000
## 1088	0.000000	0.000000	0.0000000
## 1089	0.000000	0.000000	0.0000000
## 1090	15.000000	1011.361111	2.0000000
## 1091	6.000000	60.000000	2.0000000
## 1092	0.000000	0.000000	0.0000000
## 1093	3.000000	61.000000	0.0000000
## 1094	0.000000	0.000000	0.0000000
## 1095	0.000000	0.000000	0.0000000
## 1096	3.000000	227.000000	0.0000000
## 1097	0.000000	0.000000	5.0000000
## 1098	1.000000	464.000000	0.0000000
## 1099	0.000000	0.000000	0.0000000
## 1100	0.000000	0.000000	3.0000000
## 1101	0.000000	0.000000	0.0000000
## 1102	3.000000	80.428571	0.0000000
## 1103	0.000000	0.000000	0.0000000
## 1104	0.000000	0.000000	0.0000000
## 1105	0.000000	0.000000	0.0000000
## 1106	3.000000	61.500000	0.0000000
## 1107	0.000000	0.000000	0.0000000
## 1108	0.000000	0.000000	0.0000000
## 1109	1.000000	58.000000	0.0000000
## 1110	0.000000	0.000000	0.0000000
## 1111	2.000000	243.000000	0.0000000
## 1112	0.000000	0.000000	0.0000000
## 1113	1.000000	4.000000	0.0000000
## 1114	0.000000	0.000000	0.0000000
## 1115	9.000000	210.666667	3.0000000
## 1116	2.317798	80.906176	0.5039786
## 1117	2.317798	80.906176	0.5039786
## 1118	2.317798	80.906176	0.5039786
## 1119	2.317798	80.906176	0.5039786
## 1120	1.000000	156.142857	0.0000000
## 1121	2.000000	0.000000	0.0000000
## 1122	5.000000	282.000000	0.0000000
## 1123	0.000000	0.000000	0.0000000
## 1124	3.000000	512.833333	2.0000000
## 1125	0.000000	0.000000	0.0000000
## 1126	0.000000	0.000000	0.0000000

## 1127	1.000000	112.000000	0.0000000
## 1128	4.000000	73.500000	0.0000000
## 1129	3.000000	184.688889	0.0000000
## 1130	5.000000	75.166667	0.0000000
## 1131	0.000000	0.000000	0.0000000
## 1132	0.000000	0.000000	0.0000000
## 1133	0.000000	0.000000	0.0000000
## 1134	1.000000	19.000000	0.0000000
## 1135	6.000000	302.000000	0.0000000
## 1136	0.000000	0.000000	0.0000000
## 1137	0.000000	0.000000	0.0000000
## 1138	0.000000	0.000000	0.0000000
## 1139	0.000000	0.000000	1.0000000
## 1140	10.000000	117.333333	0.0000000
## 1141	0.000000	0.000000	0.0000000
## 1142	1.000000	7.000000	0.0000000
## 1143	1.000000	0.000000	0.0000000
## 1144	1.000000	0.000000	0.0000000
## 1145	0.000000	0.000000	0.0000000
## 1146	0.000000	0.000000	1.0000000
## 1147	1.000000	14.000000	0.0000000
## 1148	1.000000	5.000000	0.0000000
## 1149	2.000000	107.000000	0.0000000
## 1150	1.000000	31.000000	3.0000000
## 1151	0.000000	0.000000	0.0000000
## 1152	0.000000	0.000000	0.0000000
## 1153	0.000000	0.000000	1.0000000
## 1154	0.000000	0.000000	0.0000000
## 1155	1.000000	7.000000	0.0000000
## 1156	0.000000	0.000000	0.0000000
## 1157	0.000000	0.000000	0.0000000
## 1158	2.000000	52.000000	1.0000000
## 1159	0.000000	0.000000	0.0000000
## 1160	1.000000	19.000000	0.0000000
## 1161	0.000000	0.000000	0.0000000
## 1162	1.000000	0.000000	0.0000000
## 1163	9.000000	204.083333	0.0000000
## 1164	2.000000	151.000000	0.0000000
## 1165	6.000000	98.000000	0.0000000
## 1166	6.000000	52.000000	1.0000000
## 1167	0.000000	0.000000	0.0000000
## 1168	0.000000	0.000000	0.0000000
## 1169	4.000000	600.423077	0.0000000
## 1170	0.000000	0.000000	0.0000000
## 1171	4.000000	132.000000	0.0000000
## 1172	0.000000	0.000000	0.0000000
## 1173	3.000000	23.000000	0.0000000
## 1174	2.000000	20.000000	0.0000000
## 1175	3.000000	39.000000	0.0000000
## 1176	2.000000	152.833333	0.0000000
## 1177	0.000000	0.000000	0.0000000
## 1178	0.000000	0.000000	0.0000000
## 1179	0.000000	0.000000	0.0000000
## 1180	0.000000	0.000000	0.0000000

## 1181	4.000000	16.666667	0.0000000
## 1182	0.000000	0.000000	0.0000000
## 1183	2.000000	197.000000	4.0000000
## 1184	0.000000	0.000000	0.0000000
## 1185	0.000000	0.000000	0.0000000
## 1186	2.000000	15.000000	0.0000000
## 1187	0.000000	0.000000	0.0000000
## 1188	5.000000	710.333333	0.0000000
## 1189	4.000000	84.000000	0.0000000
## 1190	0.000000	0.000000	0.0000000
## 1191	3.000000	151.000000	0.0000000
## 1192	4.000000	83.500000	0.0000000
## 1193	0.000000	0.000000	0.0000000
## 1194	0.000000	0.000000	0.0000000
## 1195	0.000000	0.000000	0.0000000
## 1196	0.000000	0.000000	0.0000000
## 1197	9.000000	848.142857	4.0000000
## 1198	0.000000	0.000000	0.0000000
## 1199	0.000000	0.000000	0.0000000
## 1200	3.000000	130.833333	1.0000000
## 1201	0.000000	0.000000	0.0000000
## 1202	0.000000	0.000000	0.0000000
## 1203	2.000000	27.000000	0.0000000
## 1204	0.000000	0.000000	0.0000000
## 1205	0.000000	0.000000	2.0000000
## 1206	0.000000	0.000000	0.0000000
## 1207	0.000000	0.000000	0.0000000
## 1208	2.000000	12.000000	0.0000000
## 1209	0.000000	0.000000	0.0000000
## 1210	11.000000	281.630952	0.0000000
## 1211	0.000000	0.000000	0.0000000
## 1212	9.000000	160.000000	0.0000000
## 1213	0.000000	0.000000	0.0000000
## 1214	0.000000	0.000000	0.0000000
## 1215	0.000000	0.000000	0.0000000
## 1216	0.000000	0.000000	0.0000000
## 1217	0.000000	0.000000	0.0000000
## 1218	0.000000	0.000000	0.0000000
## 1219	0.000000	0.000000	0.0000000
## 1220	3.000000	31.333333	0.0000000
## 1221	0.000000	0.000000	0.0000000
## 1222	0.000000	0.000000	0.0000000
## 1223	0.000000	0.000000	0.0000000
## 1224	3.000000	81.000000	1.0000000
## 1225	1.000000	5.500000	0.0000000
## 1226	4.000000	81.000000	0.0000000
## 1227	1.000000	18.000000	0.0000000
## 1228	0.000000	0.000000	0.0000000
## 1229	0.000000	0.000000	0.0000000
## 1230	3.000000	91.000000	2.0000000
## 1231	2.000000	85.500000	0.0000000
## 1232	1.000000	42.000000	2.0000000
## 1233	5.000000	36.333333	3.0000000
## 1234	0.000000	0.000000	0.0000000

## 1235	2.000000	33.000000	0.0000000
## 1236	0.000000	0.000000	0.0000000
## 1237	7.000000	110.250000	0.0000000
## 1238	0.000000	0.000000	0.0000000
## 1239	0.000000	0.000000	0.0000000
## 1240	0.000000	0.000000	0.0000000
## 1241	2.000000	27.000000	1.0000000
## 1242	0.000000	0.000000	0.0000000
## 1243	4.000000	155.500000	0.0000000
## 1244	0.000000	0.000000	0.0000000
## 1245	0.000000	0.000000	0.0000000
## 1246	5.000000	487.500000	0.0000000
## 1247	0.000000	0.000000	3.0000000
## 1248	0.000000	0.000000	0.0000000
## 1249	0.000000	0.000000	0.0000000
## 1250	0.000000	0.000000	0.0000000
## 1251	5.000000	376.800000	3.0000000
## 1252	4.000000	985.500000	4.0000000
## 1253	0.000000	0.000000	0.0000000
## 1254	0.000000	0.000000	0.0000000
## 1255	7.000000	606.000000	1.0000000
## 1256	11.000000	1640.590909	0.0000000
## 1257	1.000000	0.000000	0.0000000
## 1258	0.000000	0.000000	0.0000000
## 1259	2.000000	63.000000	0.0000000
## 1260	11.000000	228.027778	1.0000000
## 1261	0.000000	0.000000	0.0000000
## 1262	6.000000	136.555556	0.0000000
## 1263	3.000000	76.000000	0.0000000
## 1264	0.000000	0.000000	0.0000000
## 1265	0.000000	0.000000	0.0000000
## 1266	2.000000	11.000000	0.0000000
## 1267	1.000000	0.000000	0.0000000
## 1268	0.000000	0.000000	0.0000000
## 1269	0.000000	0.000000	0.0000000
## 1270	0.000000	0.000000	0.0000000
## 1271	0.000000	0.000000	0.0000000
## 1272	1.000000	1.333333	0.0000000
## 1273	0.000000	0.000000	0.0000000
## 1274	0.000000	0.000000	0.0000000
## 1275	0.000000	0.000000	0.0000000
## 1276	0.000000	0.000000	1.0000000
## 1277	0.000000	0.000000	0.0000000
## 1278	0.000000	0.000000	0.0000000
## 1279	5.000000	310.000000	1.0000000
## 1280	5.000000	1417.500000	0.0000000
## 1281	3.000000	960.000000	0.0000000
## 1282	2.000000	18.000000	0.0000000
## 1283	0.000000	0.000000	0.0000000
## 1284	2.000000	52.000000	0.0000000
## 1285	0.000000	0.000000	0.0000000
## 1286	0.000000	0.000000	0.0000000
## 1287	0.000000	0.000000	0.0000000
## 1288	2.000000	18.333333	0.0000000

## 1289	5.000000	106.000000	0.0000000
## 1290	6.000000	91.888889	0.0000000
## 1291	3.000000	18.000000	0.0000000
## 1292	2.000000	36.000000	0.0000000
## 1293	0.000000	0.000000	1.0000000
## 1294	2.000000	17.000000	0.0000000
## 1295	0.000000	0.000000	0.0000000
## 1296	7.000000	139.500000	0.0000000
## 1297	0.000000	0.000000	0.0000000
## 1298	4.000000	178.000000	2.0000000
## 1299	3.000000	180.000000	0.0000000
## 1300	2.000000	107.333333	0.0000000
## 1301	4.000000	52.000000	1.0000000
## 1302	2.000000	211.000000	1.0000000
## 1303	0.000000	0.000000	2.0000000
## 1304	1.000000	4.000000	0.0000000
## 1305	1.000000	69.000000	0.0000000
## 1306	4.000000	183.250000	1.0000000
## 1307	2.000000	55.000000	0.0000000
## 1308	0.000000	0.000000	0.0000000
## 1309	0.000000	0.000000	0.0000000
## 1310	0.000000	0.000000	0.0000000
## 1311	0.000000	0.000000	1.0000000
## 1312	1.000000	3.000000	2.0000000
## 1313	1.000000	613.666667	0.0000000
## 1314	0.000000	0.000000	0.0000000
## 1315	0.000000	0.000000	0.0000000
## 1316	2.000000	11.923077	2.0000000
## 1317	1.000000	0.000000	0.0000000
## 1318	1.000000	8.000000	1.0000000
## 1319	1.000000	7.000000	7.0000000
## 1320	2.000000	102.000000	0.0000000
## 1321	0.000000	0.000000	0.0000000
## 1322	1.000000	7.000000	0.0000000
## 1323	3.000000	1499.571429	1.0000000
## 1324	0.000000	0.000000	0.0000000
## 1325	0.000000	0.000000	0.0000000
## 1326	1.000000	0.000000	0.0000000
## 1327	1.000000	74.000000	0.0000000
## 1328	2.000000	1223.000000	4.0000000
## 1329	0.000000	0.000000	0.0000000
## 1330	4.000000	206.333333	0.0000000
## 1331	3.000000	67.000000	0.0000000
## 1332	0.000000	0.000000	0.0000000
## 1333	3.000000	242.000000	0.0000000
## 1334	0.000000	0.000000	0.0000000
## 1335	7.000000	217.833333	1.0000000
## 1336	0.000000	0.000000	0.0000000
## 1337	2.000000	136.666667	1.0000000
## 1338	12.000000	739.209195	1.0000000
## 1339	0.000000	0.000000	0.0000000
## 1340	0.000000	0.000000	0.0000000
## 1341	4.000000	33.000000	0.0000000
## 1342	3.000000	14.000000	0.0000000

## 1343	4.000000	68.500000	2.0000000
## 1344	5.000000	91.833333	0.0000000
## 1345	1.000000	31.000000	0.0000000
## 1346	0.000000	0.000000	0.0000000
## 1347	2.000000	58.000000	0.0000000
## 1348	0.000000	0.000000	0.0000000
## 1349	0.000000	0.000000	0.0000000
## 1350	0.000000	0.000000	0.0000000
## 1351	0.000000	0.000000	0.0000000
## 1352	5.000000	89.750000	0.0000000
## 1353	1.000000	9.500000	0.0000000
## 1354	9.000000	165.500000	0.0000000
## 1355	0.000000	0.000000	0.0000000
## 1356	0.000000	0.000000	0.0000000
## 1357	0.000000	0.000000	0.0000000
## 1358	3.000000	57.000000	0.0000000
## 1359	0.000000	0.000000	1.0000000
## 1360	1.000000	13.000000	0.0000000
## 1361	3.000000	63.000000	0.0000000
## 1362	3.000000	134.000000	0.0000000
## 1363	0.000000	0.000000	0.0000000
## 1364	0.000000	0.000000	0.0000000
## 1365	2.000000	34.000000	0.0000000
## 1366	4.000000	67.071429	0.0000000
## 1367	0.000000	0.000000	0.0000000
## 1368	0.000000	0.000000	0.0000000
## 1369	8.000000	87.500000	0.0000000
## 1370	1.000000	22.000000	0.0000000
## 1371	0.000000	0.000000	0.0000000
## 1372	0.000000	0.000000	0.0000000
## 1373	1.000000	17.500000	0.0000000
## 1374	0.000000	0.000000	0.0000000
## 1375	0.000000	0.000000	0.0000000
## 1376	1.000000	14.000000	0.0000000
## 1377	5.000000	69.333333	1.0000000
## 1378	2.000000	148.000000	0.0000000
## 1379	1.000000	85.000000	4.0000000
## 1380	0.000000	0.000000	0.0000000
## 1381	0.000000	0.000000	0.0000000
## 1382	4.000000	103.000000	1.0000000
## 1383	0.000000	0.000000	0.0000000
## 1384	0.000000	0.000000	0.0000000
## 1385	2.000000	33.000000	0.0000000
## 1386	1.000000	69.500000	0.0000000
## 1387	0.000000	0.000000	0.0000000
## 1388	7.000000	77.500000	0.0000000
## 1389	4.000000	171.000000	0.0000000
## 1390	2.000000	94.000000	0.0000000
## 1391	0.000000	0.000000	0.0000000
## 1392	7.000000	64.142857	1.0000000
## 1393	0.000000	0.000000	0.0000000
## 1394	0.000000	0.000000	0.0000000
## 1395	4.000000	143.000000	1.0000000
## 1396	1.000000	26.000000	0.0000000

## 1397	3.000000	221.000000	0.0000000
## 1398	1.000000	10.000000	0.0000000
## 1399	4.000000	118.000000	3.0000000
## 1400	1.000000	0.000000	0.0000000
## 1401	1.000000	38.000000	0.0000000
## 1402	0.000000	0.000000	0.0000000
## 1403	3.000000	124.000000	0.0000000
## 1404	0.000000	0.000000	0.0000000
## 1405	2.000000	117.000000	0.0000000
## 1406	0.000000	0.000000	0.0000000
## 1407	2.000000	75.000000	0.0000000
## 1408	0.000000	0.000000	0.0000000
## 1409	0.000000	0.000000	0.0000000
## 1410	2.000000	94.000000	0.0000000
## 1411	3.000000	219.000000	0.0000000
## 1412	2.000000	45.000000	0.0000000
## 1413	3.000000	60.833333	0.0000000
## 1414	0.000000	0.000000	0.0000000
## 1415	0.000000	0.000000	3.0000000
## 1416	2.000000	14.000000	0.0000000
## 1417	0.000000	0.000000	0.0000000
## 1418	0.000000	0.000000	0.0000000
## 1419	8.000000	182.648052	6.0000000
## 1420	8.000000	154.291667	0.0000000
## 1421	0.000000	0.000000	0.0000000
## 1422	0.000000	0.000000	0.0000000
## 1423	0.000000	0.000000	0.0000000
## 1424	0.000000	0.000000	0.0000000
## 1425	0.000000	0.000000	0.0000000
## 1426	0.000000	0.000000	0.0000000
## 1427	2.000000	17.000000	1.0000000
## 1428	2.000000	32.000000	1.0000000
## 1429	0.000000	0.000000	0.0000000
## 1430	0.000000	0.000000	1.0000000
## 1431	5.000000	108.200000	0.0000000
## 1432	0.000000	0.000000	0.0000000
## 1433	10.000000	1559.750000	1.0000000
## 1434	5.000000	249.166667	0.0000000
## 1435	2.000000	37.000000	0.0000000
## 1436	1.000000	0.000000	1.0000000
## 1437	0.000000	0.000000	0.0000000
## 1438	5.000000	65.000000	2.0000000
## 1439	0.000000	0.000000	0.0000000
## 1440	6.000000	143.166667	0.0000000
## 1441	4.000000	66.333333	2.0000000
## 1442	4.000000	14.000000	0.0000000
## 1443	2.317798	80.906176	0.5039786
## 1444	2.317798	80.906176	0.5039786
## 1445	2.317798	80.906176	0.5039786
## 1446	2.317798	80.906176	0.5039786
## 1447	0.000000	0.000000	0.0000000
## 1448	0.000000	0.000000	0.0000000
## 1449	5.000000	102.533333	0.0000000
## 1450	0.000000	0.000000	0.0000000

## 1451	0.000000	0.000000	0.0000000
## 1452	1.000000	85.000000	0.0000000
## 1453	0.000000	0.000000	0.0000000
## 1454	6.000000	197.800000	0.0000000
## 1455	1.000000	63.000000	1.0000000
## 1456	3.000000	31.500000	0.0000000
## 1457	7.000000	81.250000	0.0000000
## 1458	0.000000	0.000000	0.0000000
## 1459	2.000000	120.000000	0.0000000
## 1460	4.000000	149.250000	0.0000000
## 1461	5.000000	172.200000	0.0000000
## 1462	5.000000	523.916667	2.0000000
## 1463	0.000000	0.000000	0.0000000
## 1464	1.000000	19.000000	0.0000000
## 1465	11.000000	377.833333	0.0000000
## 1466	4.000000	129.416667	3.0000000
## 1467	9.000000	298.666667	0.0000000
## 1468	0.000000	0.000000	0.0000000
## 1469	0.000000	0.000000	0.0000000
## 1470	3.000000	59.000000	0.0000000
## 1471	0.000000	0.000000	0.0000000
## 1472	0.000000	0.000000	0.0000000
## 1473	0.000000	0.000000	0.0000000
## 1474	1.000000	5.000000	0.0000000
## 1475	0.000000	0.000000	0.0000000
## 1476	0.000000	0.000000	0.0000000
## 1477	0.000000	0.000000	0.0000000
## 1478	0.000000	0.000000	0.0000000
## 1479	24.000000	876.233333	5.0000000
## 1480	1.000000	95.500000	0.0000000
## 1481	6.000000	129.750000	0.0000000
## 1482	6.000000	408.200000	0.0000000
## 1483	0.000000	0.000000	1.0000000
## 1484	0.000000	0.000000	0.0000000
## 1485	2.000000	24.428571	7.0000000
## 1486	4.000000	52.333333	1.0000000
## 1487	0.000000	0.000000	0.0000000
## 1488	10.000000	382.833333	4.0000000
## 1489	0.000000	0.000000	1.0000000
## 1490	0.000000	0.000000	0.0000000
## 1491	0.000000	0.000000	0.0000000
## 1492	1.000000	27.500000	0.0000000
## 1493	6.000000	475.000000	0.0000000
## 1494	2.000000	6.000000	0.0000000
## 1495	2.000000	210.000000	0.0000000
## 1496	2.000000	31.500000	0.0000000
## 1497	5.000000	46.000000	1.0000000
## 1498	9.000000	546.000000	0.0000000
## 1499	1.000000	47.500000	0.0000000
## 1500	0.000000	0.000000	0.0000000
## 1501	0.000000	0.000000	0.0000000
## 1502	3.000000	48.333333	0.0000000
## 1503	0.000000	0.000000	0.0000000
## 1504	3.000000	28.500000	0.0000000

## 1505	0.000000	0.000000	0.0000000
## 1506	1.000000	30.000000	0.0000000
## 1507	2.000000	16.000000	0.0000000
## 1508	0.000000	0.000000	0.0000000
## 1509	0.000000	0.000000	0.0000000
## 1510	0.000000	0.000000	0.0000000
## 1511	1.000000	10.000000	1.0000000
## 1512	3.000000	79.000000	0.0000000
## 1513	2.000000	18.000000	0.0000000
## 1514	7.000000	250.333333	0.0000000
## 1515	2.000000	77.000000	0.0000000
## 1516	2.000000	12.000000	0.0000000
## 1517	6.000000	77.333333	1.0000000
## 1518	0.000000	0.000000	0.0000000
## 1519	0.000000	0.000000	0.0000000
## 1520	0.000000	0.000000	0.0000000
## 1521	4.000000	63.333333	0.0000000
## 1522	0.000000	0.000000	0.0000000
## 1523	7.000000	108.666667	6.0000000
## 1524	0.000000	0.000000	0.0000000
## 1525	7.000000	230.166667	3.0000000
## 1526	1.000000	3.000000	0.0000000
## 1527	0.000000	0.000000	0.0000000
## 1528	0.000000	0.000000	0.0000000
## 1529	0.000000	0.000000	0.0000000
## 1530	2.000000	15.000000	0.0000000
## 1531	0.000000	0.000000	0.0000000
## 1532	0.000000	0.000000	0.0000000
## 1533	1.000000	18.000000	4.0000000
## 1534	1.000000	5.500000	1.0000000
## 1535	0.000000	0.000000	0.0000000
## 1536	0.000000	0.000000	0.0000000
## 1537	0.000000	0.000000	0.0000000
## 1538	0.000000	0.000000	0.0000000
## 1539	3.000000	79.750000	0.0000000
## 1540	2.000000	60.000000	0.0000000
## 1541	11.000000	2047.234848	9.0000000
## 1542	3.000000	14.500000	0.0000000
## 1543	1.000000	11.428571	0.0000000
## 1544	0.000000	0.000000	0.0000000
## 1545	3.000000	32.000000	0.0000000
## 1546	0.000000	0.000000	0.0000000
## 1547	11.000000	348.654762	1.0000000
## 1548	0.000000	0.000000	0.0000000
## 1549	0.000000	0.000000	0.0000000
## 1550	7.000000	187.833333	0.0000000
## 1551	1.000000	9.000000	0.0000000
## 1552	5.000000	184.333333	1.0000000
## 1553	0.000000	0.000000	0.0000000
## 1554	2.000000	66.000000	1.0000000
## 1555	0.000000	0.000000	0.0000000
## 1556	0.000000	0.000000	0.0000000
## 1557	2.000000	124.000000	0.0000000
## 1558	0.000000	0.000000	0.0000000

## 1559	2.000000	69.000000	2.00000000
## 1560	1.000000	41.000000	0.00000000
## 1561	2.000000	14.000000	0.00000000
## 1562	0.000000	0.000000	0.00000000
## 1563	0.000000	0.000000	0.00000000
## 1564	0.000000	0.000000	0.00000000
## 1565	1.000000	24.000000	1.00000000
## 1566	0.000000	0.000000	0.00000000
## 1567	0.000000	0.000000	0.00000000
## 1568	1.000000	6.000000	0.00000000
## 1569	0.000000	0.000000	0.00000000
## 1570	1.000000	412.000000	0.00000000
## 1571	0.000000	0.000000	0.00000000
## 1572	0.000000	0.000000	0.00000000
## 1573	14.000000	1130.502941	6.00000000
## 1574	0.000000	0.000000	0.00000000
## 1575	0.000000	0.000000	0.00000000
## 1576	0.000000	0.000000	3.00000000
## 1577	0.000000	0.000000	0.00000000
## 1578	5.000000	132.466667	0.00000000
## 1579	0.000000	0.000000	0.00000000
## 1580	0.000000	0.000000	0.00000000
## 1581	0.000000	0.000000	0.00000000
## 1582	1.000000	4.000000	0.00000000
## 1583	0.000000	0.000000	0.00000000
## 1584	4.000000	82.000000	0.00000000
## 1585	0.000000	0.000000	0.00000000
## 1586	0.000000	0.000000	0.00000000
## 1587	5.000000	73.500000	0.00000000
## 1588	0.000000	0.000000	0.00000000
## 1589	4.000000	25.500000	0.00000000
## 1590	2.000000	236.000000	0.00000000
## 1591	0.000000	0.000000	0.00000000
## 1592	0.000000	0.000000	0.00000000
## 1593	4.000000	158.333333	1.00000000
## 1594	0.000000	0.000000	0.00000000
## 1595	6.000000	187.000000	0.00000000
## 1596	8.000000	206.000000	3.00000000
## 1597	1.000000	41.000000	0.00000000
## 1598	0.000000	0.000000	0.00000000
## 1599	0.000000	0.000000	0.00000000
## 1600	0.000000	0.000000	0.00000000
## 1601	0.000000	0.000000	0.00000000
## 1602	7.000000	170.000000	0.00000000
## 1603	2.000000	9.000000	1.00000000
## 1604	0.000000	0.000000	0.00000000
## 1605	0.000000	0.000000	0.00000000
## 1606	1.000000	87.000000	3.00000000
## 1607	0.000000	0.000000	0.00000000
## 1608	0.000000	0.000000	0.00000000
## 1609	0.000000	0.000000	0.00000000
## 1610	5.000000	217.666667	0.00000000
## 1611	8.000000	699.166667	0.00000000
## 1612	1.000000	9.000000	0.00000000

## 1613	8.000000	227.532692	3.0000000
## 1614	2.000000	78.000000	0.0000000
## 1615	0.000000	0.000000	0.0000000
## 1616	1.000000	4.750000	2.0000000
## 1617	6.000000	101.333333	0.0000000
## 1618	0.000000	0.000000	0.0000000
## 1619	1.000000	7.000000	2.0000000
## 1620	0.000000	0.000000	0.0000000
## 1621	3.000000	14.500000	2.0000000
## 1622	1.000000	9.000000	0.0000000
## 1623	2.000000	60.000000	0.0000000
## 1624	0.000000	0.000000	0.0000000
## 1625	1.000000	3.000000	0.0000000
## 1626	0.000000	0.000000	0.0000000
## 1627	0.000000	0.000000	0.0000000
## 1628	1.000000	54.000000	0.0000000
## 1629	0.000000	0.000000	0.0000000
## 1630	0.000000	0.000000	0.0000000
## 1631	6.000000	190.285714	6.0000000
## 1632	2.000000	15.666667	0.0000000
## 1633	8.000000	183.000000	4.0000000
## 1634	1.000000	14.000000	0.0000000
## 1635	0.000000	0.000000	0.0000000
## 1636	5.000000	248.500000	0.0000000
## 1637	0.000000	0.000000	0.0000000
## 1638	1.000000	25.000000	0.0000000
## 1639	2.000000	21.000000	0.0000000
## 1640	0.000000	0.000000	0.0000000
## 1641	0.000000	0.000000	0.0000000
## 1642	1.000000	146.000000	0.0000000
## 1643	0.000000	0.000000	1.0000000
## 1644	5.000000	274.333333	0.0000000
## 1645	14.000000	1155.666667	0.0000000
## 1646	0.000000	0.000000	0.0000000
## 1647	0.000000	0.000000	0.0000000
## 1648	6.000000	355.500000	0.0000000
## 1649	3.000000	35.000000	0.0000000
## 1650	0.000000	0.000000	0.0000000
## 1651	6.000000	99.000000	1.0000000
## 1652	0.000000	0.000000	6.0000000
## 1653	0.000000	0.000000	0.0000000
## 1654	2.000000	21.000000	0.0000000
## 1655	0.000000	0.000000	0.0000000
## 1656	0.000000	0.000000	0.0000000
## 1657	4.000000	74.000000	0.0000000
## 1658	0.000000	0.000000	1.0000000
## 1659	0.000000	0.000000	0.0000000
## 1660	0.000000	0.000000	0.0000000
## 1661	2.000000	66.000000	0.0000000
## 1662	0.000000	0.000000	0.0000000
## 1663	1.000000	24.000000	0.0000000
## 1664	5.000000	32.000000	2.0000000
## 1665	3.000000	78.000000	0.0000000
## 1666	0.000000	0.000000	0.0000000

## 1667	0.000000	0.000000	0.0000000
## 1668	0.000000	0.000000	0.0000000
## 1669	1.000000	102.500000	0.0000000
## 1670	4.000000	103.000000	0.0000000
## 1671	2.000000	52.000000	0.0000000
## 1672	0.000000	0.000000	0.0000000
## 1673	4.000000	352.000000	0.0000000
## 1674	0.000000	0.000000	0.0000000
## 1675	5.000000	120.000000	1.0000000
## 1676	9.000000	162.050000	0.0000000
## 1677	1.000000	26.000000	1.0000000
## 1678	0.000000	0.000000	0.0000000
## 1679	0.000000	0.000000	0.0000000
## 1680	0.000000	0.000000	0.0000000
## 1681	0.000000	0.000000	0.0000000
## 1682	0.000000	0.000000	0.0000000
## 1683	0.000000	0.000000	0.0000000
## 1684	0.000000	0.000000	0.0000000
## 1685	1.000000	6.000000	0.0000000
## 1686	0.000000	0.000000	0.0000000
## 1687	0.000000	0.000000	0.0000000
## 1688	6.000000	45.833333	2.0000000
## 1689	0.000000	0.000000	0.0000000
## 1690	2.000000	77.500000	0.0000000
## 1691	0.000000	0.000000	0.0000000
## 1692	4.000000	136.000000	0.0000000
## 1693	0.000000	0.000000	0.0000000
## 1694	2.000000	76.000000	0.0000000
## 1695	0.000000	0.000000	0.0000000
## 1696	0.000000	0.000000	0.0000000
## 1697	3.000000	275.000000	1.0000000
## 1698	7.000000	161.000000	3.0000000
## 1699	3.000000	206.666667	0.0000000
## 1700	0.000000	0.000000	0.0000000
## 1701	2.000000	28.000000	0.0000000
## 1702	0.000000	0.000000	0.0000000
## 1703	0.000000	0.000000	0.0000000
## 1704	2.000000	24.000000	0.0000000
## 1705	5.000000	238.375000	0.0000000
## 1706	0.000000	0.000000	0.0000000
## 1707	0.000000	0.000000	0.0000000
## 1708	0.000000	0.000000	0.0000000
## 1709	1.000000	4.000000	2.0000000
## 1710	0.000000	0.000000	0.0000000
## 1711	0.000000	0.000000	0.0000000
## 1712	0.000000	0.000000	0.0000000
## 1713	7.000000	213.391667	0.0000000
## 1714	0.000000	0.000000	0.0000000
## 1715	0.000000	0.000000	0.0000000
## 1716	0.000000	0.000000	0.0000000
## 1717	7.000000	156.000000	0.0000000
## 1718	0.000000	0.000000	0.0000000
## 1719	5.000000	84.250000	0.0000000
## 1720	0.000000	0.000000	0.0000000

## 1721	4.000000	135.000000	0.0000000
## 1722	0.000000	0.000000	0.0000000
## 1723	0.000000	0.000000	0.0000000
## 1724	3.000000	43.000000	0.0000000
## 1725	0.000000	0.000000	0.0000000
## 1726	0.000000	0.000000	0.0000000
## 1727	8.000000	377.512820	3.0000000
## 1728	6.000000	137.000000	0.0000000
## 1729	0.000000	0.000000	0.0000000
## 1730	0.000000	0.000000	0.0000000
## 1731	2.000000	37.000000	0.0000000
## 1732	0.000000	0.000000	0.0000000
## 1733	0.000000	0.000000	0.0000000
## 1734	0.000000	0.000000	0.0000000
## 1735	1.000000	14.000000	1.0000000
## 1736	0.000000	0.000000	0.0000000
## 1737	0.000000	0.000000	1.0000000
## 1738	0.000000	0.000000	0.0000000
## 1739	6.000000	155.000000	0.0000000
## 1740	3.000000	42.600000	2.0000000
## 1741	3.000000	62.000000	2.0000000
## 1742	4.000000	55.750000	0.0000000
## 1743	0.000000	0.000000	0.0000000
## 1744	2.000000	26.000000	0.0000000
## 1745	3.000000	79.000000	0.0000000
## 1746	0.000000	0.000000	0.0000000
## 1747	8.000000	429.333333	1.0000000
## 1748	6.000000	111.000000	0.0000000
## 1749	0.000000	0.000000	0.0000000
## 1750	0.000000	0.000000	0.0000000
## 1751	1.000000	40.000000	5.0000000
## 1752	3.000000	73.000000	0.0000000
## 1753	0.000000	0.000000	0.0000000
## 1754	4.000000	40.000000	2.0000000
## 1755	2.000000	11.000000	0.0000000
## 1756	0.000000	0.000000	0.0000000
## 1757	0.000000	0.000000	0.0000000
## 1758	6.000000	55.000000	1.0000000
## 1759	0.000000	0.000000	0.0000000
## 1760	0.000000	0.000000	0.0000000
## 1761	8.000000	167.000000	3.0000000
## 1762	0.000000	0.000000	0.0000000
## 1763	6.000000	139.000000	0.0000000
## 1764	0.000000	0.000000	0.0000000
## 1765	2.000000	22.000000	1.0000000
## 1766	2.000000	134.000000	0.0000000
## 1767	3.000000	39.000000	0.0000000
## 1768	0.000000	0.000000	2.0000000
## 1769	2.000000	110.000000	0.0000000
## 1770	0.000000	0.000000	0.0000000
## 1771	2.000000	43.000000	0.0000000
## 1772	0.000000	0.000000	0.0000000
## 1773	4.000000	485.333333	2.0000000
## 1774	1.000000	100.000000	2.0000000

## 1775	0.000000	0.000000	0.0000000
## 1776	4.000000	70.500000	0.0000000
## 1777	0.000000	0.000000	0.0000000
## 1778	0.000000	0.000000	0.0000000
## 1779	2.000000	10.000000	2.0000000
## 1780	3.000000	160.500000	0.0000000
## 1781	0.000000	0.000000	0.0000000
## 1782	0.000000	0.000000	0.0000000
## 1783	0.000000	0.000000	0.0000000
## 1784	0.000000	0.000000	1.0000000
## 1785	0.000000	0.000000	0.0000000
## 1786	5.000000	1283.000000	3.0000000
## 1787	7.000000	63.500000	5.0000000
## 1788	2.000000	24.600000	0.0000000
## 1789	3.000000	22.833333	0.0000000
## 1790	12.000000	187.277778	3.0000000
## 1791	2.000000	98.250000	0.0000000
## 1792	0.000000	0.000000	0.0000000
## 1793	3.000000	23.000000	0.0000000
## 1794	0.000000	0.000000	0.0000000
## 1795	0.000000	0.000000	0.0000000
## 1796	0.000000	0.000000	0.0000000
## 1797	2.000000	89.000000	3.0000000
## 1798	1.000000	45.000000	0.0000000
## 1799	3.000000	31.600000	0.0000000
## 1800	0.000000	0.000000	0.0000000
## 1801	3.000000	648.000000	4.0000000
## 1802	0.000000	0.000000	0.0000000
## 1803	3.000000	18.750000	0.0000000
## 1804	0.000000	0.000000	0.0000000
## 1805	2.000000	28.000000	2.0000000
## 1806	0.000000	0.000000	0.0000000
## 1807	0.000000	0.000000	0.0000000
## 1808	4.000000	197.000000	1.0000000
## 1809	7.000000	211.500000	0.0000000
## 1810	0.000000	0.000000	0.0000000
## 1811	0.000000	0.000000	0.0000000
## 1812	5.000000	494.166667	0.0000000
## 1813	0.000000	0.000000	0.0000000
## 1814	10.000000	511.500000	4.0000000
## 1815	3.000000	58.066667	0.0000000
## 1816	0.000000	0.000000	0.0000000
## 1817	2.000000	125.500000	0.0000000
## 1818	8.000000	387.600000	3.0000000
## 1819	5.000000	143.833333	1.0000000
## 1820	1.000000	6.000000	0.0000000
## 1821	1.000000	11.500000	0.0000000
## 1822	0.000000	0.000000	0.0000000
## 1823	5.000000	141.000000	0.0000000
## 1824	2.000000	135.000000	1.0000000
## 1825	0.000000	0.000000	0.0000000
## 1826	0.000000	0.000000	0.0000000
## 1827	4.000000	48.000000	0.0000000
## 1828	8.000000	57.062500	3.0000000

## 1829	2.000000	6.000000	1.0000000
## 1830	0.000000	0.000000	0.0000000
## 1831	2.000000	7.000000	0.0000000
## 1832	4.000000	63.000000	0.0000000
## 1833	0.000000	0.000000	0.0000000
## 1834	1.000000	40.000000	0.0000000
## 1835	5.000000	28.000000	0.0000000
## 1836	1.000000	12.833333	3.0000000
## 1837	0.000000	0.000000	1.0000000
## 1838	4.000000	179.607143	2.0000000
## 1839	0.000000	0.000000	0.0000000
## 1840	6.000000	135.650000	0.0000000
## 1841	0.000000	0.000000	0.0000000
## 1842	4.000000	62.500000	1.0000000
## 1843	1.000000	30.000000	0.0000000
## 1844	0.000000	0.000000	0.0000000
## 1845	2.000000	21.000000	0.0000000
## 1846	0.000000	0.000000	0.0000000
## 1847	4.000000	56.000000	0.0000000
## 1848	0.000000	0.000000	0.0000000
## 1849	0.000000	0.000000	0.0000000
## 1850	3.000000	40.000000	0.0000000
## 1851	0.000000	0.000000	0.0000000
## 1852	3.000000	36.000000	1.0000000
## 1853	4.000000	45.333333	0.0000000
## 1854	3.000000	39.600000	0.0000000
## 1855	0.000000	0.000000	0.0000000
## 1856	2.000000	35.000000	0.0000000
## 1857	6.000000	228.000000	5.0000000
## 1858	0.000000	0.000000	0.0000000
## 1859	0.000000	0.000000	0.0000000
## 1860	1.000000	34.000000	2.0000000
## 1861	0.000000	0.000000	0.0000000
## 1862	9.000000	309.000000	0.0000000
## 1863	13.000000	456.988095	3.0000000
## 1864	0.000000	0.000000	0.0000000
## 1865	5.000000	78.500000	1.0000000
## 1866	1.000000	75.000000	4.0000000
## 1867	4.000000	99.500000	0.0000000
## 1868	1.000000	28.000000	0.0000000
## 1869	0.000000	0.000000	0.0000000
## 1870	0.000000	0.000000	0.0000000
## 1871	0.000000	0.000000	0.0000000
## 1872	0.000000	0.000000	0.0000000
## 1873	4.000000	64.000000	0.0000000
## 1874	2.000000	37.000000	0.0000000
## 1875	6.000000	163.666667	10.0000000
## 1876	5.000000	333.000000	2.0000000
## 1877	0.000000	0.000000	0.0000000
## 1878	0.000000	0.000000	0.0000000
## 1879	1.000000	51.000000	2.0000000
## 1880	1.000000	44.000000	0.0000000
## 1881	5.000000	825.000000	0.0000000
## 1882	3.000000	44.000000	0.0000000

## 1883	4.000000	203.833333	0.0000000
## 1884	0.000000	0.000000	0.0000000
## 1885	8.000000	195.316667	0.0000000
## 1886	0.000000	0.000000	0.0000000
## 1887	0.000000	0.000000	0.0000000
## 1888	0.000000	0.000000	0.0000000
## 1889	2.000000	9.500000	0.0000000
## 1890	0.000000	0.000000	0.0000000
## 1891	0.000000	0.000000	0.0000000
## 1892	0.000000	0.000000	0.0000000
## 1893	0.000000	0.000000	0.0000000
## 1894	0.000000	0.000000	0.0000000
## 1895	9.000000	74.333333	1.0000000
## 1896	1.000000	7.000000	1.0000000
## 1897	1.000000	13.000000	0.0000000
## 1898	1.000000	0.000000	0.0000000
## 1899	4.000000	55.500000	0.0000000
## 1900	2.000000	80.666667	0.0000000
## 1901	0.000000	0.000000	0.0000000
## 1902	7.000000	156.716667	0.0000000
## 1903	0.000000	0.000000	0.0000000
## 1904	3.000000	172.000000	0.0000000
## 1905	0.000000	0.000000	0.0000000
## 1906	5.000000	146.000000	0.0000000
## 1907	3.000000	13.000000	0.0000000
## 1908	0.000000	0.000000	0.0000000
## 1909	0.000000	0.000000	0.0000000
## 1910	1.000000	11.000000	0.0000000
## 1911	3.000000	42.000000	0.0000000
## 1912	3.000000	33.000000	0.0000000
## 1913	0.000000	0.000000	0.0000000
## 1914	0.000000	0.000000	1.0000000
## 1915	1.000000	38.000000	0.0000000
## 1916	9.000000	324.300000	4.0000000
## 1917	5.000000	413.500000	0.0000000
## 1918	0.000000	0.000000	2.0000000
## 1919	5.000000	55.500000	0.0000000
## 1920	0.000000	0.000000	0.0000000
## 1921	0.000000	0.000000	0.0000000
## 1922	7.000000	75.050000	0.0000000
## 1923	3.000000	43.000000	0.0000000
## 1924	0.000000	0.000000	0.0000000
## 1925	0.000000	0.000000	0.0000000
## 1926	0.000000	0.000000	0.0000000
## 1927	0.000000	0.000000	0.0000000
## 1928	0.000000	0.000000	0.0000000
## 1929	2.000000	77.000000	0.0000000
## 1930	1.000000	29.000000	1.0000000
## 1931	3.000000	78.000000	0.0000000
## 1932	3.000000	52.000000	0.0000000
## 1933	0.000000	0.000000	0.0000000
## 1934	8.000000	354.833333	1.0000000
## 1935	0.000000	0.000000	0.0000000
## 1936	0.000000	0.000000	1.0000000

## 1937	0.000000	0.000000	0.0000000
## 1938	7.000000	169.500000	0.0000000
## 1939	0.000000	0.000000	0.0000000
## 1940	0.000000	0.000000	0.0000000
## 1941	6.000000	104.000000	1.0000000
## 1942	2.000000	4.000000	0.0000000
## 1943	9.000000	81.000000	0.0000000
## 1944	1.000000	0.000000	0.0000000
## 1945	0.000000	0.000000	1.0000000
## 1946	0.000000	0.000000	0.0000000
## 1947	12.000000	765.666667	0.0000000
## 1948	13.000000	214.882353	0.0000000
## 1949	1.000000	143.000000	4.0000000
## 1950	0.000000	0.000000	0.0000000
## 1951	2.000000	15.500000	0.0000000
## 1952	0.000000	0.000000	0.0000000
## 1953	2.000000	42.000000	0.0000000
## 1954	0.000000	0.000000	0.0000000
## 1955	1.000000	702.000000	0.0000000
## 1956	4.000000	22.500000	0.0000000
## 1957	1.000000	14.000000	0.0000000
## 1958	3.000000	188.000000	0.0000000
## 1959	8.000000	352.242857	6.0000000
## 1960	4.000000	73.750000	1.0000000
## 1961	0.000000	0.000000	0.0000000
## 1962	0.000000	0.000000	0.0000000
## 1963	1.000000	95.000000	0.0000000
## 1964	0.000000	0.000000	0.0000000
## 1965	6.000000	145.000000	6.0000000
## 1966	0.000000	0.000000	0.0000000
## 1967	3.000000	221.500000	4.0000000
## 1968	0.000000	0.000000	0.0000000
## 1969	4.000000	82.500000	3.0000000
## 1970	6.000000	92.000000	3.0000000
## 1971	9.000000	183.500000	2.0000000
## 1972	0.000000	0.000000	0.0000000
## 1973	2.000000	36.000000	0.0000000
## 1974	8.000000	139.681818	8.0000000
## 1975	4.000000	50.500000	3.0000000
## 1976	9.000000	124.125000	0.0000000
## 1977	0.000000	0.000000	0.0000000
## 1978	0.000000	0.000000	0.0000000
## 1979	1.000000	5.000000	0.0000000
## 1980	0.000000	0.000000	1.0000000
## 1981	2.000000	47.500000	0.0000000
## 1982	0.000000	0.000000	0.0000000
## 1983	0.000000	0.000000	0.0000000
## 1984	0.000000	0.000000	0.0000000
## 1985	0.000000	0.000000	0.0000000
## 1986	4.000000	55.325758	0.0000000
## 1987	0.000000	0.000000	0.0000000
## 1988	0.000000	0.000000	0.0000000
## 1989	1.000000	185.000000	6.0000000
## 1990	13.000000	241.766667	0.0000000

## 1991	5.000000	145.500000	0.0000000
## 1992	2.000000	160.000000	0.0000000
## 1993	2.000000	28.666667	0.0000000
## 1994	0.000000	0.000000	0.0000000
## 1995	6.000000	253.000000	0.0000000
## 1996	2.317798	80.906176	0.5039786
## 1997	2.317798	80.906176	0.5039786
## 1998	2.000000	220.333333	1.0000000
## 1999	7.000000	445.333333	1.0000000
## 2000	2.000000	50.000000	0.0000000
## 2001	0.000000	0.000000	0.0000000
## 2002	5.000000	76.000000	0.0000000
## 2003	13.000000	654.775000	8.0000000
## 2004	0.000000	-1.000000	0.0000000
## 2005	0.000000	0.000000	0.0000000
## 2006	0.000000	0.000000	0.0000000
## 2007	0.000000	0.000000	0.0000000
## 2008	0.000000	0.000000	0.0000000
## 2009	5.000000	87.000000	0.0000000
## 2010	0.000000	-1.000000	0.0000000
## 2011	2.000000	17.000000	0.0000000
## 2012	0.000000	0.000000	0.0000000
## 2013	0.000000	0.000000	0.0000000
## 2014	3.000000	96.000000	0.0000000
## 2015	0.000000	0.000000	0.0000000
## 2016	0.000000	0.000000	0.0000000
## 2017	0.000000	-1.000000	0.0000000
## 2018	4.000000	35.125000	0.0000000
## 2019	4.000000	71.500000	0.0000000
## 2020	9.000000	222.500000	2.0000000
## 2021	4.000000	200.833333	0.0000000
## 2022	2.000000	33.500000	1.0000000
## 2023	0.000000	0.000000	0.0000000
## 2024	0.000000	0.000000	0.0000000
## 2025	7.000000	120.500000	0.0000000
## 2026	5.000000	243.666667	1.0000000
## 2027	5.000000	53.000000	1.0000000
## 2028	0.000000	0.000000	0.0000000
## 2029	4.000000	148.500000	1.0000000
## 2030	0.000000	0.000000	0.0000000
## 2031	0.000000	0.000000	1.0000000
## 2032	1.000000	6.000000	0.0000000
## 2033	2.000000	26.000000	0.0000000
## 2034	1.000000	6.000000	0.0000000
## 2035	5.000000	129.500000	0.0000000
## 2036	3.000000	223.000000	1.0000000
## 2037	0.000000	0.000000	0.0000000
## 2038	0.000000	0.000000	0.0000000
## 2039	0.000000	0.000000	0.0000000
## 2040	1.000000	5.000000	0.0000000
## 2041	2.000000	91.000000	3.0000000
## 2042	1.000000	78.000000	0.0000000
## 2043	0.000000	0.000000	0.0000000
## 2044	0.000000	0.000000	0.0000000

## 2045	0.000000	0.000000	0.000000
## 2046	3.000000	46.500000	0.000000
## 2047	0.000000	0.000000	0.000000
## 2048	0.000000	0.000000	0.000000
## 2049	2.000000	254.000000	1.000000
## 2050	0.000000	0.000000	0.000000
## 2051	0.000000	0.000000	0.000000
## 2052	0.000000	0.000000	0.000000
## 2053	0.000000	0.000000	0.000000
## 2054	5.000000	85.666667	0.000000
## 2055	3.000000	154.500000	0.000000
## 2056	0.000000	0.000000	0.000000
## 2057	0.000000	0.000000	0.000000
## 2058	0.000000	0.000000	0.000000
## 2059	7.000000	598.000000	3.000000
## 2060	0.000000	0.000000	0.000000
## 2061	1.000000	3.000000	0.000000
## 2062	0.000000	0.000000	0.000000
## 2063	1.000000	7.000000	0.000000
## 2064	0.000000	0.000000	0.000000
## 2065	3.000000	226.954545	0.000000
## 2066	6.000000	97.882353	2.000000
## 2067	4.000000	515.600000	0.000000
## 2068	1.000000	397.500000	3.000000
## 2069	2.000000	16.500000	0.000000
## 2070	2.000000	30.000000	0.000000
## 2071	6.000000	60.000000	1.000000
## 2072	0.000000	0.000000	0.000000
## 2073	0.000000	0.000000	0.000000
## 2074	1.000000	22.750000	0.000000
## 2075	0.000000	0.000000	0.000000
## 2076	4.000000	46.500000	0.000000
## 2077	0.000000	0.000000	0.000000
## 2078	3.000000	27.000000	0.000000
## 2079	3.000000	23.000000	0.000000
## 2080	0.000000	0.000000	0.000000
## 2081	3.000000	62.000000	0.000000
## 2082	2.000000	102.000000	0.000000
## 2083	0.000000	0.000000	0.000000
## 2084	3.000000	61.000000	0.000000
## 2085	0.000000	0.000000	0.000000
## 2086	0.000000	0.000000	0.000000
## 2087	0.000000	0.000000	0.000000
## 2088	7.000000	238.466667	7.000000
## 2089	1.000000	92.000000	0.000000
## 2090	0.000000	0.000000	0.000000
## 2091	0.000000	0.000000	0.000000
## 2092	0.000000	0.000000	0.000000
## 2093	0.000000	0.000000	0.000000
## 2094	0.000000	0.000000	0.000000
## 2095	0.000000	0.000000	0.000000
## 2096	9.000000	175.933333	0.000000
## 2097	0.000000	0.000000	0.000000
## 2098	0.000000	0.000000	0.000000

## 2099	4.000000	47.000000	0.0000000
## 2100	4.000000	92.000000	0.0000000
## 2101	1.000000	4.000000	0.0000000
## 2102	0.000000	0.000000	0.0000000
## 2103	0.000000	0.000000	0.0000000
## 2104	0.000000	0.000000	0.0000000
## 2105	0.000000	0.000000	0.0000000
## 2106	2.000000	675.333333	0.0000000
## 2107	0.000000	0.000000	0.0000000
## 2108	2.000000	37.000000	1.0000000
## 2109	2.000000	129.000000	0.0000000
## 2110	0.000000	0.000000	0.0000000
## 2111	0.000000	0.000000	0.0000000
## 2112	0.000000	0.000000	0.0000000
## 2113	0.000000	0.000000	0.0000000
## 2114	0.000000	0.000000	0.0000000
## 2115	0.000000	0.000000	0.0000000
## 2116	2.000000	144.000000	0.0000000
## 2117	1.000000	6.000000	0.0000000
## 2118	0.000000	0.000000	0.0000000
## 2119	1.000000	0.000000	0.0000000
## 2120	7.000000	89.500000	0.0000000
## 2121	3.000000	91.750000	0.0000000
## 2122	0.000000	0.000000	0.0000000
## 2123	1.000000	81.000000	0.0000000
## 2124	0.000000	0.000000	0.0000000
## 2125	3.000000	296.000000	0.0000000
## 2126	0.000000	0.000000	0.0000000
## 2127	0.000000	0.000000	0.0000000
## 2128	0.000000	0.000000	0.0000000
## 2129	3.000000	269.166667	0.0000000
## 2130	3.000000	168.750000	0.0000000
## 2131	0.000000	0.000000	0.0000000
## 2132	0.000000	0.000000	0.0000000
## 2133	0.000000	0.000000	0.0000000
## 2134	3.000000	430.833333	1.0000000
## 2135	0.000000	0.000000	0.0000000
## 2136	0.000000	0.000000	0.0000000
## 2137	7.000000	150.500000	0.0000000
## 2138	0.000000	0.000000	0.0000000
## 2139	0.000000	0.000000	0.0000000
## 2140	2.000000	53.000000	0.0000000
## 2141	3.000000	102.000000	2.0000000
## 2142	5.000000	47.500000	0.0000000
## 2143	0.000000	0.000000	0.0000000
## 2144	5.000000	724.500000	0.0000000
## 2145	0.000000	0.000000	0.0000000
## 2146	0.000000	0.000000	1.0000000
## 2147	1.000000	7.500000	0.0000000
## 2148	1.000000	28.000000	4.0000000
## 2149	4.000000	130.500000	2.0000000
## 2150	0.000000	0.000000	0.0000000
## 2151	0.000000	0.000000	0.0000000
## 2152	0.000000	0.000000	0.0000000

## 2153	0.000000	0.000000	0.0000000
## 2154	0.000000	0.000000	0.0000000
## 2155	2.000000	96.000000	0.0000000
## 2156	7.000000	228.125000	0.0000000
## 2157	7.000000	133.166667	2.0000000
## 2158	9.000000	357.250000	3.0000000
## 2159	0.000000	0.000000	3.0000000
## 2160	3.000000	14.000000	0.0000000
## 2161	1.000000	6.000000	0.0000000
## 2162	0.000000	0.000000	0.0000000
## 2163	0.000000	0.000000	0.0000000
## 2164	2.000000	418.666667	0.0000000
## 2165	6.000000	335.119048	1.0000000
## 2166	0.000000	0.000000	0.0000000
## 2167	0.000000	0.000000	0.0000000
## 2168	1.000000	10.000000	0.0000000
## 2169	9.000000	329.297619	1.0000000
## 2170	6.000000	91.984848	3.0000000
## 2171	2.000000	47.000000	0.0000000
## 2172	6.000000	153.275000	3.0000000
## 2173	4.000000	86.000000	0.0000000
## 2174	0.000000	0.000000	0.0000000
## 2175	6.000000	89.000000	3.0000000
## 2176	0.000000	0.000000	0.0000000
## 2177	2.000000	2.000000	0.0000000
## 2178	0.000000	0.000000	0.0000000
## 2179	0.000000	0.000000	0.0000000
## 2180	1.000000	0.000000	0.0000000
## 2181	0.000000	0.000000	2.0000000
## 2182	2.000000	48.000000	0.0000000
## 2183	10.000000	527.000000	3.0000000
## 2184	1.000000	135.500000	0.0000000
## 2185	0.000000	0.000000	0.0000000
## 2186	3.000000	133.500000	4.0000000
## 2187	7.000000	186.100000	0.0000000
## 2188	0.000000	0.000000	0.0000000
## 2189	0.000000	0.000000	0.0000000
## 2190	5.000000	69.000000	4.0000000
## 2191	0.000000	0.000000	0.0000000
## 2192	0.000000	0.000000	0.0000000
## 2193	4.000000	91.000000	1.0000000
## 2194	0.000000	0.000000	0.0000000
## 2195	0.000000	0.000000	0.0000000
## 2196	0.000000	0.000000	0.0000000
## 2197	5.000000	43.400000	0.0000000
## 2198	4.000000	32.666667	0.0000000
## 2199	6.000000	86.200000	0.0000000
## 2200	0.000000	0.000000	1.0000000
## 2201	1.000000	299.000000	0.0000000
## 2202	10.000000	295.694056	0.0000000
## 2203	2.000000	14.500000	0.0000000
## 2204	1.000000	41.000000	4.0000000
## 2205	0.000000	0.000000	0.0000000
## 2206	0.000000	0.000000	1.0000000

## 2207	0.000000	0.000000	0.000000
## 2208	3.000000	177.000000	0.000000
## 2209	3.000000	77.000000	5.000000
## 2210	5.000000	187.266667	2.000000
## 2211	5.000000	587.000000	0.000000
## 2212	3.000000	76.500000	2.000000
## 2213	1.000000	35.000000	1.000000
## 2214	0.000000	0.000000	2.000000
## 2215	1.000000	7.000000	1.000000
## 2216	0.000000	0.000000	0.000000
## 2217	15.000000	161.764411	7.000000
## 2218	0.000000	0.000000	0.000000
## 2219	0.000000	0.000000	0.000000
## 2220	1.000000	5.000000	0.000000
## 2221	0.000000	0.000000	0.000000
## 2222	1.000000	25.000000	0.000000
## 2223	0.000000	0.000000	1.000000
## 2224	2.000000	36.500000	0.000000
## 2225	2.000000	145.000000	0.000000
## 2226	1.000000	13.000000	0.000000
## 2227	0.000000	0.000000	0.000000
## 2228	0.000000	0.000000	6.000000
## 2229	3.000000	80.000000	0.000000
## 2230	7.000000	75.846154	4.000000
## 2231	0.000000	0.000000	0.000000
## 2232	7.000000	164.500000	0.000000
## 2233	4.000000	309.000000	0.000000
## 2234	0.000000	0.000000	1.000000
## 2235	3.000000	47.000000	0.000000
## 2236	0.000000	0.000000	1.000000
## 2237	0.000000	0.000000	0.000000
## 2238	0.000000	0.000000	0.000000
## 2239	12.000000	240.200000	0.000000
## 2240	0.000000	0.000000	0.000000
## 2241	0.000000	0.000000	0.000000
## 2242	0.000000	0.000000	0.000000
## 2243	2.000000	123.000000	0.000000
## 2244	0.000000	0.000000	0.000000
## 2245	2.000000	29.333333	0.000000
## 2246	1.000000	47.000000	0.000000
## 2247	5.000000	152.875000	2.000000
## 2248	0.000000	0.000000	0.000000
## 2249	0.000000	0.000000	0.000000
## 2250	0.000000	0.000000	0.000000
## 2251	0.000000	0.000000	0.000000
## 2252	1.000000	10.000000	1.000000
## 2253	0.000000	0.000000	0.000000
## 2254	0.000000	0.000000	0.000000
## 2255	4.000000	96.500000	0.000000
## 2256	3.000000	44.000000	4.000000
## 2257	0.000000	0.000000	0.000000
## 2258	1.000000	35.000000	0.000000
## 2259	0.000000	0.000000	0.000000
## 2260	5.000000	72.500000	0.000000

## 2261	1.000000	38.000000	1.0000000
## 2262	0.000000	0.000000	0.0000000
## 2263	0.000000	0.000000	0.0000000
## 2264	3.000000	76.750000	1.0000000
## 2265	0.000000	0.000000	0.0000000
## 2266	2.000000	353.000000	0.0000000
## 2267	15.000000	275.910444	6.0000000
## 2268	4.000000	104.500000	4.0000000
## 2269	0.000000	0.000000	0.0000000
## 2270	3.000000	134.000000	0.0000000
## 2271	0.000000	0.000000	0.0000000
## 2272	0.000000	0.000000	0.0000000
## 2273	6.000000	43.100000	0.0000000
## 2274	8.000000	119.000000	0.0000000
## 2275	0.000000	0.000000	2.0000000
## 2276	0.000000	0.000000	0.0000000
## 2277	4.000000	38.500000	1.0000000
## 2278	0.000000	0.000000	0.0000000
## 2279	2.000000	16.666667	0.0000000
## 2280	0.000000	0.000000	0.0000000
## 2281	0.000000	0.000000	0.0000000
## 2282	2.000000	18.000000	4.0000000
## 2283	3.000000	231.000000	0.0000000
## 2284	0.000000	0.000000	0.0000000
## 2285	1.000000	24.000000	0.0000000
## 2286	0.000000	0.000000	0.0000000
## 2287	1.000000	0.000000	0.0000000
## 2288	0.000000	0.000000	0.0000000
## 2289	0.000000	0.000000	0.0000000
## 2290	4.000000	92.250000	1.0000000
## 2291	7.000000	145.000000	0.0000000
## 2292	4.000000	155.500000	0.0000000
## 2293	7.000000	135.916667	0.0000000
## 2294	0.000000	0.000000	0.0000000
## 2295	0.000000	0.000000	1.0000000
## 2296	0.000000	0.000000	0.0000000
## 2297	5.000000	119.150000	0.0000000
## 2298	0.000000	0.000000	0.0000000
## 2299	0.000000	0.000000	0.0000000
## 2300	0.000000	0.000000	0.0000000
## 2301	8.000000	123.000000	0.0000000
## 2302	4.000000	59.000000	0.0000000
## 2303	4.000000	107.533333	2.0000000
## 2304	3.000000	84.000000	0.0000000
## 2305	0.000000	0.000000	0.0000000
## 2306	0.000000	0.000000	0.0000000
## 2307	0.000000	0.000000	0.0000000
## 2308	0.000000	0.000000	0.0000000
## 2309	0.000000	0.000000	0.0000000
## 2310	0.000000	0.000000	0.0000000
## 2311	0.000000	0.000000	0.0000000
## 2312	4.000000	124.000000	0.0000000
## 2313	0.000000	0.000000	0.0000000
## 2314	2.000000	61.166667	0.0000000

## 2315	2.000000	39.500000	1.0000000
## 2316	0.000000	0.000000	1.0000000
## 2317	0.000000	0.000000	0.0000000
## 2318	0.000000	0.000000	0.0000000
## 2319	0.000000	0.000000	0.0000000
## 2320	0.000000	0.000000	0.0000000
## 2321	8.000000	217.000000	2.0000000
## 2322	1.000000	80.000000	2.0000000
## 2323	0.000000	0.000000	0.0000000
## 2324	6.000000	124.500000	5.0000000
## 2325	3.000000	277.666667	1.0000000
## 2326	8.000000	398.700000	0.0000000
## 2327	0.000000	0.000000	0.0000000
## 2328	1.000000	56.000000	0.0000000
## 2329	1.000000	29.000000	0.0000000
## 2330	0.000000	0.000000	0.0000000
## 2331	5.000000	147.750000	0.0000000
## 2332	0.000000	0.000000	0.0000000
## 2333	0.000000	0.000000	0.0000000
## 2334	4.000000	149.500000	3.0000000
## 2335	0.000000	0.000000	1.0000000
## 2336	0.000000	0.000000	0.0000000
## 2337	2.000000	13.500000	0.0000000
## 2338	0.000000	0.000000	0.0000000
## 2339	3.000000	42.333333	0.0000000
## 2340	0.000000	0.000000	0.0000000
## 2341	0.000000	0.000000	0.0000000
## 2342	0.000000	0.000000	0.0000000
## 2343	6.000000	34.000000	0.0000000
## 2344	7.000000	200.500000	0.0000000
## 2345	4.000000	85.000000	0.0000000
## 2346	7.000000	424.166667	0.0000000
## 2347	0.000000	0.000000	0.0000000
## 2348	0.000000	0.000000	0.0000000
## 2349	0.000000	0.000000	0.0000000
## 2350	3.000000	65.166667	2.0000000
## 2351	0.000000	0.000000	0.0000000
## 2352	10.000000	220.000000	2.0000000
## 2353	0.000000	0.000000	0.0000000
## 2354	6.000000	389.750000	3.0000000
## 2355	8.000000	462.000000	1.0000000
## 2356	0.000000	0.000000	0.0000000
## 2357	0.000000	0.000000	0.0000000
## 2358	2.000000	37.000000	0.0000000
## 2359	0.000000	0.000000	0.0000000
## 2360	2.000000	28.000000	0.0000000
## 2361	5.000000	118.700000	1.0000000
## 2362	0.000000	0.000000	0.0000000
## 2363	0.000000	0.000000	0.0000000
## 2364	0.000000	0.000000	0.0000000
## 2365	3.000000	9.000000	0.0000000
## 2366	2.000000	89.750000	1.0000000
## 2367	0.000000	0.000000	0.0000000
## 2368	0.000000	0.000000	0.0000000

## 2369	9.000000	281.750000	2.0000000
## 2370	10.000000	513.553571	9.0000000
## 2371	1.000000	0.000000	0.0000000
## 2372	0.000000	0.000000	0.0000000
## 2373	0.000000	0.000000	0.0000000
## 2374	4.000000	69.000000	1.0000000
## 2375	0.000000	0.000000	0.0000000
## 2376	3.000000	131.750000	0.0000000
## 2377	4.000000	15.500000	0.0000000
## 2378	0.000000	0.000000	0.0000000
## 2379	1.000000	4.000000	0.0000000
## 2380	0.000000	0.000000	0.0000000
## 2381	1.000000	4.500000	0.0000000
## 2382	0.000000	0.000000	0.0000000
## 2383	11.000000	143.833333	3.0000000
## 2384	0.000000	0.000000	0.0000000
## 2385	0.000000	0.000000	0.0000000
## 2386	0.000000	0.000000	0.0000000
## 2387	0.000000	0.000000	0.0000000
## 2388	0.000000	0.000000	0.0000000
## 2389	1.000000	3.000000	0.0000000
## 2390	0.000000	0.000000	0.0000000
## 2391	0.000000	0.000000	0.0000000
## 2392	0.000000	0.000000	0.0000000
## 2393	0.000000	0.000000	2.0000000
## 2394	0.000000	0.000000	0.0000000
## 2395	2.000000	37.000000	0.0000000
## 2396	8.000000	181.166667	3.0000000
## 2397	0.000000	0.000000	0.0000000
## 2398	3.000000	45.000000	0.0000000
## 2399	2.000000	33.000000	0.0000000
## 2400	3.000000	54.500000	4.0000000
## 2401	2.000000	1687.500000	0.0000000
## 2402	0.000000	0.000000	0.0000000
## 2403	0.000000	0.000000	0.0000000
## 2404	0.000000	0.000000	0.0000000
## 2405	0.000000	0.000000	0.0000000
## 2406	7.000000	146.000000	2.0000000
## 2407	2.000000	20.000000	0.0000000
## 2408	0.000000	0.000000	0.0000000
## 2409	4.000000	431.000000	0.0000000
## 2410	0.000000	0.000000	0.0000000
## 2411	0.000000	0.000000	0.0000000
## 2412	11.000000	210.855556	0.0000000
## 2413	0.000000	0.000000	0.0000000
## 2414	3.000000	58.333333	0.0000000
## 2415	2.000000	32.000000	0.0000000
## 2416	1.000000	5.000000	0.0000000
## 2417	0.000000	0.000000	0.0000000
## 2418	0.000000	0.000000	0.0000000
## 2419	0.000000	0.000000	2.0000000
## 2420	5.000000	52.000000	0.0000000
## 2421	0.000000	0.000000	2.0000000
## 2422	1.000000	27.000000	0.0000000

## 2423	7.000000	92.500000	0.0000000
## 2424	5.000000	70.000000	0.0000000
## 2425	0.000000	0.000000	0.0000000
## 2426	3.000000	49.333333	2.0000000
## 2427	5.000000	427.000000	2.0000000
## 2428	14.000000	662.535714	2.0000000
## 2429	0.000000	0.000000	0.0000000
## 2430	0.000000	0.000000	0.0000000
## 2431	5.000000	626.000000	1.0000000
## 2432	0.000000	0.000000	0.0000000
## 2433	2.000000	109.000000	5.0000000
## 2434	0.000000	0.000000	0.0000000
## 2435	0.000000	0.000000	0.0000000
## 2436	3.000000	91.000000	0.0000000
## 2437	0.000000	0.000000	0.0000000
## 2438	2.000000	23.000000	0.0000000
## 2439	8.000000	131.333333	1.0000000
## 2440	0.000000	0.000000	0.0000000
## 2441	9.000000	128.571429	1.0000000
## 2442	0.000000	0.000000	0.0000000
## 2443	0.000000	0.000000	0.0000000
## 2444	5.000000	230.333333	2.0000000
## 2445	2.000000	90.000000	0.0000000
## 2446	7.000000	245.333333	0.0000000
## 2447	0.000000	0.000000	0.0000000
## 2448	0.000000	0.000000	0.0000000
## 2449	0.000000	0.000000	0.0000000
## 2450	0.000000	0.000000	0.0000000
## 2451	0.000000	0.000000	0.0000000
## 2452	1.000000	337.000000	1.0000000
## 2453	0.000000	0.000000	0.0000000
## 2454	0.000000	0.000000	0.0000000
## 2455	0.000000	0.000000	0.0000000
## 2456	3.000000	117.500000	0.0000000
## 2457	0.000000	0.000000	0.0000000
## 2458	6.000000	105.500000	0.0000000
## 2459	0.000000	0.000000	0.0000000
## 2460	6.000000	62.500000	0.0000000
## 2461	0.000000	0.000000	0.0000000
## 2462	5.000000	243.000000	0.0000000
## 2463	1.000000	9.000000	0.0000000
## 2464	0.000000	0.000000	0.0000000
## 2465	0.000000	0.000000	0.0000000
## 2466	0.000000	0.000000	0.0000000
## 2467	2.000000	16.500000	0.0000000
## 2468	1.000000	0.000000	0.0000000
## 2469	2.000000	40.000000	0.0000000
## 2470	2.000000	12.000000	0.0000000
## 2471	0.000000	0.000000	2.0000000
## 2472	0.000000	0.000000	0.0000000
## 2473	0.000000	0.000000	0.0000000
## 2474	0.000000	0.000000	0.0000000
## 2475	0.000000	0.000000	0.0000000
## 2476	0.000000	0.000000	0.0000000

## 2477	2.000000	58.000000	5.0000000
## 2478	0.000000	0.000000	0.0000000
## 2479	11.000000	79.750000	0.0000000
## 2480	6.000000	109.500000	1.0000000
## 2481	0.000000	0.000000	1.0000000
## 2482	0.000000	0.000000	0.0000000
## 2483	0.000000	0.000000	0.0000000
## 2484	1.000000	47.166667	1.0000000
## 2485	2.000000	115.000000	2.0000000
## 2486	0.000000	0.000000	0.0000000
## 2487	0.000000	0.000000	0.0000000
## 2488	0.000000	0.000000	0.0000000
## 2489	0.000000	0.000000	0.0000000
## 2490	4.000000	71.300000	0.0000000
## 2491	0.000000	0.000000	0.0000000
## 2492	6.000000	140.000000	1.0000000
## 2493	10.000000	750.750000	3.0000000
## 2494	8.000000	121.666667	2.0000000
## 2495	0.000000	0.000000	0.0000000
## 2496	0.000000	0.000000	0.0000000
## 2497	5.000000	243.000000	3.0000000
## 2498	0.000000	0.000000	0.0000000
## 2499	0.000000	0.000000	0.0000000
## 2500	0.000000	0.000000	0.0000000
## 2501	0.000000	0.000000	0.0000000
## 2502	0.000000	0.000000	0.0000000
## 2503	0.000000	0.000000	0.0000000
## 2504	0.000000	0.000000	0.0000000
## 2505	0.000000	0.000000	0.0000000
## 2506	0.000000	0.000000	0.0000000
## 2507	0.000000	0.000000	2.0000000
## 2508	4.000000	70.833333	1.0000000
## 2509	0.000000	0.000000	0.0000000
## 2510	6.000000	86.083333	0.0000000
## 2511	0.000000	0.000000	0.0000000
## 2512	10.000000	252.500000	2.0000000
## 2513	4.000000	126.000000	0.0000000
## 2514	5.000000	318.000000	0.0000000
## 2515	9.000000	331.166667	4.0000000
## 2516	9.000000	169.500000	2.0000000
## 2517	0.000000	0.000000	0.0000000
## 2518	0.000000	0.000000	0.0000000
## 2519	12.000000	203.471429	1.0000000
## 2520	2.000000	94.000000	0.0000000
## 2521	8.000000	359.000000	1.0000000
## 2522	0.000000	0.000000	0.0000000
## 2523	7.000000	135.500000	2.0000000
## 2524	0.000000	0.000000	0.0000000
## 2525	0.000000	0.000000	0.0000000
## 2526	0.000000	0.000000	0.0000000
## 2527	0.000000	0.000000	0.0000000
## 2528	0.000000	0.000000	0.0000000
## 2529	0.000000	0.000000	0.0000000
## 2530	1.000000	13.000000	0.0000000

## 2531	0.000000	0.000000	0.000000
## 2532	4.000000	21.000000	0.000000
## 2533	3.000000	109.000000	0.000000
## 2534	3.000000	189.000000	1.000000
## 2535	1.000000	36.000000	0.000000
## 2536	2.000000	25.000000	3.000000
## 2537	0.000000	0.000000	4.000000
## 2538	0.000000	0.000000	0.000000
## 2539	4.000000	82.166667	0.000000
## 2540	0.000000	0.000000	0.000000
## 2541	0.000000	0.000000	0.000000
## 2542	8.000000	63.000000	0.000000
## 2543	0.000000	0.000000	0.000000
## 2544	2.000000	101.500000	0.000000
## 2545	19.000000	704.869925	2.000000
## 2546	0.000000	0.000000	0.000000
## 2547	0.000000	0.000000	0.000000
## 2548	0.000000	0.000000	0.000000
## 2549	0.000000	0.000000	0.000000
## 2550	0.000000	0.000000	0.000000
## 2551	0.000000	0.000000	0.000000
## 2552	2.000000	27.000000	2.000000
## 2553	0.000000	0.000000	0.000000
## 2554	24.000000	196.138592	1.000000
## 2555	0.000000	0.000000	0.000000
## 2556	0.000000	0.000000	0.000000
## 2557	7.000000	114.250000	1.000000
## 2558	0.000000	0.000000	0.000000
## 2559	2.000000	100.000000	0.000000
## 2560	0.000000	0.000000	0.000000
## 2561	12.000000	432.583333	3.000000
## 2562	0.000000	0.000000	0.000000
## 2563	9.000000	118.000000	2.000000
## 2564	0.000000	0.000000	0.000000
## 2565	0.000000	0.000000	0.000000
## 2566	0.000000	0.000000	0.000000
## 2567	0.000000	0.000000	0.000000
## 2568	0.000000	0.000000	0.000000
## 2569	5.000000	99.666667	0.000000
## 2570	0.000000	0.000000	0.000000
## 2571	8.000000	364.500000	0.000000
## 2572	12.000000	345.833333	0.000000
## 2573	1.000000	11.428571	2.000000
## 2574	0.000000	0.000000	0.000000
## 2575	1.000000	19.000000	0.000000
## 2576	0.000000	0.000000	0.000000
## 2577	4.000000	248.666667	3.000000
## 2578	0.000000	0.000000	0.000000
## 2579	5.000000	168.000000	0.000000
## 2580	5.000000	106.321429	4.000000
## 2581	2.000000	48.000000	0.000000
## 2582	0.000000	0.000000	0.000000
## 2583	0.000000	0.000000	0.000000
## 2584	0.000000	0.000000	0.000000

## 2585	10.000000	262.000000	0.0000000
## 2586	4.000000	122.000000	3.0000000
## 2587	1.000000	11.000000	3.0000000
## 2588	3.000000	90.000000	0.0000000
## 2589	0.000000	0.000000	0.0000000
## 2590	3.000000	166.000000	1.0000000
## 2591	14.000000	230.106944	0.0000000
## 2592	0.000000	0.000000	0.0000000
## 2593	2.000000	95.000000	0.0000000
## 2594	0.000000	0.000000	0.0000000
## 2595	0.000000	0.000000	0.0000000
## 2596	0.000000	0.000000	0.0000000
## 2597	2.000000	30.000000	0.0000000
## 2598	1.000000	7.000000	0.0000000
## 2599	4.000000	118.454545	0.0000000
## 2600	0.000000	0.000000	0.0000000
## 2601	0.000000	0.000000	0.0000000
## 2602	10.000000	156.833333	2.0000000
## 2603	0.000000	0.000000	0.0000000
## 2604	10.000000	290.333333	0.0000000
## 2605	0.000000	0.000000	0.0000000
## 2606	1.000000	113.000000	0.0000000
## 2607	2.000000	45.000000	0.0000000
## 2608	0.000000	0.000000	0.0000000
## 2609	2.000000	199.000000	0.0000000
## 2610	0.000000	0.000000	0.0000000
## 2611	0.000000	0.000000	0.0000000
## 2612	2.000000	26.500000	0.0000000
## 2613	2.000000	77.000000	0.0000000
## 2614	2.000000	161.000000	0.0000000
## 2615	0.000000	0.000000	0.0000000
## 2616	0.000000	0.000000	0.0000000
## 2617	8.000000	535.750000	2.0000000
## 2618	5.000000	88.000000	0.0000000
## 2619	0.000000	0.000000	0.0000000
## 2620	5.000000	72.425000	2.0000000
## 2621	0.000000	0.000000	0.0000000
## 2622	6.000000	96.000000	4.0000000
## 2623	0.000000	0.000000	0.0000000
## 2624	0.000000	0.000000	0.0000000
## 2625	2.000000	65.000000	0.0000000
## 2626	1.000000	0.000000	0.0000000
## 2627	2.000000	97.000000	0.0000000
## 2628	0.000000	0.000000	0.0000000
## 2629	5.000000	52.000000	0.0000000
## 2630	0.000000	0.000000	0.0000000
## 2631	0.000000	0.000000	1.0000000
## 2632	1.000000	5.000000	0.0000000
## 2633	0.000000	0.000000	0.0000000
## 2634	0.000000	0.000000	0.0000000
## 2635	0.000000	0.000000	0.0000000
## 2636	0.000000	0.000000	0.0000000
## 2637	0.000000	0.000000	0.0000000
## 2638	0.000000	0.000000	0.0000000

## 2639	0.000000	0.000000	0.0000000
## 2640	0.000000	0.000000	0.0000000
## 2641	3.000000	91.833333	0.0000000
## 2642	0.000000	0.000000	0.0000000
## 2643	0.000000	0.000000	0.0000000
## 2644	0.000000	0.000000	0.0000000
## 2645	0.000000	0.000000	0.0000000
## 2646	6.000000	450.400000	0.0000000
## 2647	1.000000	22.000000	0.0000000
## 2648	0.000000	0.000000	0.0000000
## 2649	2.000000	26.000000	0.0000000
## 2650	2.000000	14.000000	0.0000000
## 2651	0.000000	0.000000	0.0000000
## 2652	0.000000	0.000000	0.0000000
## 2653	0.000000	0.000000	0.0000000
## 2654	0.000000	0.000000	0.0000000
## 2655	0.000000	0.000000	0.0000000
## 2656	0.000000	0.000000	0.0000000
## 2657	10.000000	166.931818	2.0000000
## 2658	0.000000	0.000000	0.0000000
## 2659	0.000000	0.000000	0.0000000
## 2660	0.000000	0.000000	0.0000000
## 2661	0.000000	0.000000	0.0000000
## 2662	1.000000	69.500000	0.0000000
## 2663	0.000000	0.000000	0.0000000
## 2664	10.000000	198.400000	2.0000000
## 2665	4.000000	135.666667	0.0000000
## 2666	0.000000	0.000000	0.0000000
## 2667	0.000000	0.000000	0.0000000
## 2668	0.000000	0.000000	0.0000000
## 2669	0.000000	0.000000	0.0000000
## 2670	0.000000	0.000000	0.0000000
## 2671	5.000000	95.325000	0.0000000
## 2672	0.000000	0.000000	0.0000000
## 2673	0.000000	0.000000	0.0000000
## 2674	1.000000	16.000000	0.0000000
## 2675	1.000000	0.000000	0.0000000
## 2676	0.000000	0.000000	0.0000000
## 2677	0.000000	0.000000	0.0000000
## 2678	6.000000	40.166667	0.0000000
## 2679	10.000000	299.603175	2.0000000
## 2680	4.000000	454.000000	3.0000000
## 2681	0.000000	0.000000	0.0000000
## 2682	5.000000	54.000000	0.0000000
## 2683	1.000000	21.000000	0.0000000
## 2684	0.000000	0.000000	0.0000000
## 2685	8.000000	103.500000	0.0000000
## 2686	3.000000	45.500000	0.0000000
## 2687	2.000000	114.000000	0.0000000
## 2688	0.000000	0.000000	0.0000000
## 2689	10.000000	150.000000	0.0000000
## 2690	0.000000	0.000000	0.0000000
## 2691	2.000000	11.000000	0.0000000
## 2692	8.000000	245.333333	4.0000000

## 2693	3.000000	42.000000	0.0000000
## 2694	6.000000	61.666667	0.0000000
## 2695	0.000000	0.000000	0.0000000
## 2696	0.000000	0.000000	0.0000000
## 2697	0.000000	0.000000	0.0000000
## 2698	1.000000	114.000000	1.0000000
## 2699	8.000000	79.166667	2.0000000
## 2700	0.000000	0.000000	0.0000000
## 2701	0.000000	0.000000	0.0000000
## 2702	3.000000	275.000000	2.0000000
## 2703	3.000000	38.000000	0.0000000
## 2704	0.000000	0.000000	0.0000000
## 2705	5.000000	138.500000	0.0000000
## 2706	2.317798	80.906176	0.5039786
## 2707	0.000000	0.000000	0.0000000
## 2708	4.000000	61.000000	0.0000000
## 2709	0.000000	0.000000	0.0000000
## 2710	12.000000	155.600000	6.0000000
## 2711	0.000000	0.000000	0.0000000
## 2712	10.000000	259.166667	0.0000000
## 2713	3.000000	6.000000	0.0000000
## 2714	0.000000	0.000000	0.0000000
## 2715	0.000000	0.000000	0.0000000
## 2716	0.000000	0.000000	0.0000000
## 2717	0.000000	0.000000	0.0000000
## 2718	6.000000	86.500000	1.0000000
## 2719	9.000000	299.083333	1.0000000
## 2720	0.000000	0.000000	0.0000000
## 2721	0.000000	0.000000	0.0000000
## 2722	0.000000	0.000000	0.0000000
## 2723	0.000000	0.000000	0.0000000
## 2724	2.000000	166.000000	2.0000000
## 2725	0.000000	0.000000	0.0000000
## 2726	1.000000	11.000000	2.0000000
## 2727	0.000000	0.000000	0.0000000
## 2728	5.000000	103.000000	0.0000000
## 2729	11.000000	376.500000	4.0000000
## 2730	0.000000	0.000000	1.0000000
## 2731	0.000000	0.000000	0.0000000
## 2732	3.000000	69.000000	0.0000000
## 2733	0.000000	0.000000	0.0000000
## 2734	0.000000	0.000000	0.0000000
## 2735	5.000000	230.250000	2.0000000
## 2736	5.000000	205.500000	1.0000000
## 2737	0.000000	0.000000	1.0000000
## 2738	0.000000	0.000000	0.0000000
## 2739	2.000000	25.000000	0.0000000
## 2740	0.000000	0.000000	0.0000000
## 2741	0.000000	0.000000	0.0000000
## 2742	0.000000	0.000000	0.0000000
## 2743	2.000000	35.000000	0.0000000
## 2744	1.000000	44.500000	0.0000000
## 2745	0.000000	0.000000	0.0000000
## 2746	0.000000	0.000000	0.0000000

## 2747	0.000000	0.000000	0.000000
## 2748	3.000000	29.000000	0.000000
## 2749	0.000000	0.000000	0.000000
## 2750	0.000000	0.000000	0.000000
## 2751	1.000000	20.000000	0.000000
## 2752	0.000000	0.000000	0.000000
## 2753	0.000000	0.000000	0.000000
## 2754	0.000000	0.000000	1.000000
## 2755	8.000000	206.000000	0.000000
## 2756	0.000000	0.000000	0.000000
## 2757	0.000000	0.000000	0.000000
## 2758	0.000000	0.000000	0.000000
## 2759	0.000000	0.000000	0.000000
## 2760	0.000000	0.000000	0.000000
## 2761	0.000000	0.000000	0.000000
## 2762	1.000000	0.000000	0.000000
## 2763	1.000000	41.333333	0.000000
## 2764	0.000000	0.000000	0.000000
## 2765	0.000000	0.000000	0.000000
## 2766	1.000000	25.750000	3.000000
## 2767	0.000000	0.000000	0.000000
## 2768	0.000000	0.000000	0.000000
## 2769	0.000000	0.000000	0.000000
## 2770	3.000000	52.000000	0.000000
## 2771	0.000000	0.000000	0.000000
## 2772	0.000000	0.000000	0.000000
## 2773	0.000000	0.000000	0.000000
## 2774	14.000000	173.083333	3.000000
## 2775	3.000000	62.000000	0.000000
## 2776	3.000000	37.000000	0.000000
## 2777	10.000000	620.952381	5.000000
## 2778	0.000000	0.000000	0.000000
## 2779	0.000000	0.000000	0.000000
## 2780	7.000000	65.833333	0.000000
## 2781	0.000000	0.000000	0.000000
## 2782	0.000000	0.000000	0.000000
## 2783	0.000000	0.000000	0.000000
## 2784	0.000000	0.000000	0.000000
## 2785	0.000000	0.000000	0.000000
## 2786	0.000000	0.000000	0.000000
## 2787	4.000000	52.000000	0.000000
## 2788	2.000000	5.000000	0.000000
## 2789	0.000000	0.000000	0.000000
## 2790	1.000000	7.000000	0.000000
## 2791	0.000000	0.000000	0.000000
## 2792	7.000000	204.500000	2.000000
## 2793	0.000000	0.000000	0.000000
## 2794	0.000000	0.000000	0.000000
## 2795	3.000000	52.333333	5.000000
## 2796	0.000000	0.000000	0.000000
## 2797	11.000000	498.900000	3.000000
## 2798	0.000000	0.000000	0.000000
## 2799	0.000000	0.000000	0.000000
## 2800	1.000000	13.000000	0.000000

## 2801	0.000000	0.000000	0.0000000
## 2802	0.000000	0.000000	0.0000000
## 2803	4.000000	101.000000	0.0000000
## 2804	0.000000	0.000000	0.0000000
## 2805	0.000000	0.000000	0.0000000
## 2806	0.000000	0.000000	0.0000000
## 2807	0.000000	0.000000	1.0000000
## 2808	2.000000	55.000000	0.0000000
## 2809	6.000000	1541.500000	0.0000000
## 2810	0.000000	0.000000	0.0000000
## 2811	0.000000	0.000000	0.0000000
## 2812	10.000000	197.166667	0.0000000
## 2813	6.000000	66.772727	1.0000000
## 2814	0.000000	0.000000	0.0000000
## 2815	4.000000	82.000000	0.0000000
## 2816	1.000000	65.000000	0.0000000
## 2817	0.000000	0.000000	0.0000000
## 2818	5.000000	86.500000	0.0000000
## 2819	2.000000	105.000000	0.0000000
## 2820	0.000000	0.000000	0.0000000
## 2821	2.000000	37.500000	0.0000000
## 2822	0.000000	0.000000	0.0000000
## 2823	0.000000	0.000000	0.0000000
## 2824	0.000000	0.000000	0.0000000
## 2825	0.000000	0.000000	0.0000000
## 2826	0.000000	0.000000	0.0000000
## 2827	0.000000	0.000000	0.0000000
## 2828	0.000000	0.000000	0.0000000
## 2829	4.000000	19.500000	0.0000000
## 2830	0.000000	0.000000	0.0000000
## 2831	5.000000	196.666667	0.0000000
## 2832	0.000000	0.000000	0.0000000
## 2833	0.000000	0.000000	0.0000000
## 2834	5.000000	188.000000	0.0000000
## 2835	0.000000	0.000000	0.0000000
## 2836	3.000000	105.000000	0.0000000
## 2837	4.000000	91.000000	2.0000000
## 2838	0.000000	0.000000	0.0000000
## 2839	1.000000	28.000000	0.0000000
## 2840	6.000000	162.107143	0.0000000
## 2841	0.000000	0.000000	0.0000000
## 2842	1.000000	37.000000	0.0000000
## 2843	6.000000	66.166667	2.0000000
## 2844	6.000000	128.500000	0.0000000
## 2845	0.000000	0.000000	0.0000000
## 2846	0.000000	0.000000	0.0000000
## 2847	7.000000	290.666667	0.0000000
## 2848	0.000000	0.000000	0.0000000
## 2849	0.000000	0.000000	0.0000000
## 2850	0.000000	0.000000	0.0000000
## 2851	0.000000	0.000000	0.0000000
## 2852	0.000000	0.000000	0.0000000
## 2853	0.000000	0.000000	0.0000000
## 2854	6.000000	57.500000	0.0000000

## 2855	5.000000	102.067692	2.0000000
## 2856	4.000000	60.000000	0.0000000
## 2857	0.000000	0.000000	0.0000000
## 2858	14.000000	578.500000	2.0000000
## 2859	2.000000	38.500000	2.0000000
## 2860	5.000000	85.000000	0.0000000
## 2861	0.000000	0.000000	0.0000000
## 2862	0.000000	0.000000	0.0000000
## 2863	0.000000	0.000000	0.0000000
## 2864	1.000000	36.000000	0.0000000
## 2865	5.000000	246.250000	1.0000000
## 2866	0.000000	0.000000	0.0000000
## 2867	0.000000	0.000000	0.0000000
## 2868	0.000000	0.000000	0.0000000
## 2869	0.000000	0.000000	0.0000000
## 2870	0.000000	0.000000	0.0000000
## 2871	0.000000	0.000000	0.0000000
## 2872	2.000000	19.000000	0.0000000
## 2873	0.000000	0.000000	0.0000000
## 2874	0.000000	0.000000	0.0000000
## 2875	1.000000	3.000000	0.0000000
## 2876	0.000000	0.000000	1.0000000
## 2877	0.000000	0.000000	0.0000000
## 2878	3.000000	55.000000	0.0000000
## 2879	0.000000	0.000000	0.0000000
## 2880	0.000000	0.000000	1.0000000
## 2881	0.000000	0.000000	0.0000000
## 2882	1.000000	68.000000	0.0000000
## 2883	3.000000	124.000000	0.0000000
## 2884	0.000000	0.000000	0.0000000
## 2885	1.000000	29.000000	2.0000000
## 2886	4.000000	164.000000	0.0000000
## 2887	4.000000	35.666667	2.0000000
## 2888	1.000000	8.000000	0.0000000
## 2889	0.000000	0.000000	2.0000000
## 2890	0.000000	0.000000	0.0000000
## 2891	8.000000	168.166667	0.0000000
## 2892	12.000000	331.300000	0.0000000
## 2893	0.000000	0.000000	0.0000000
## 2894	5.000000	548.314286	6.0000000
## 2895	8.000000	102.000000	0.0000000
## 2896	0.000000	0.000000	0.0000000
## 2897	3.000000	166.000000	0.0000000
## 2898	1.000000	45.000000	0.0000000
## 2899	0.000000	0.000000	0.0000000
## 2900	0.000000	0.000000	0.0000000
## 2901	0.000000	0.000000	0.0000000
## 2902	0.000000	0.000000	0.0000000
## 2903	0.000000	0.000000	0.0000000
## 2904	1.000000	3.500000	0.0000000
## 2905	1.000000	0.000000	0.0000000
## 2906	0.000000	0.000000	0.0000000
## 2907	0.000000	0.000000	0.0000000
## 2908	0.000000	0.000000	0.0000000

## 2909	2.000000	65.500000	0.0000000
## 2910	0.000000	0.000000	0.0000000
## 2911	4.000000	38.000000	0.0000000
## 2912	0.000000	0.000000	0.0000000
## 2913	0.000000	0.000000	0.0000000
## 2914	0.000000	0.000000	0.0000000
## 2915	0.000000	0.000000	0.0000000
## 2916	0.000000	0.000000	0.0000000
## 2917	6.000000	105.000000	1.0000000
## 2918	0.000000	0.000000	0.0000000
## 2919	0.000000	0.000000	0.0000000
## 2920	13.000000	228.916667	1.0000000
## 2921	8.000000	249.000000	1.0000000
## 2922	10.000000	236.408333	3.0000000
## 2923	1.000000	4.500000	3.0000000
## 2924	0.000000	0.000000	0.0000000
## 2925	3.000000	135.000000	0.0000000
## 2926	0.000000	0.000000	2.0000000
## 2927	10.000000	261.500000	4.0000000
## 2928	0.000000	0.000000	1.0000000
## 2929	0.000000	0.000000	0.0000000
## 2930	0.000000	0.000000	0.0000000
## 2931	0.000000	0.000000	0.0000000
## 2932	0.000000	0.000000	0.0000000
## 2933	0.000000	0.000000	0.0000000
## 2934	0.000000	0.000000	0.0000000
## 2935	2.000000	98.000000	0.0000000
## 2936	0.000000	0.000000	0.0000000
## 2937	3.000000	23.000000	2.0000000
## 2938	0.000000	0.000000	0.0000000
## 2939	5.000000	18.000000	1.0000000
## 2940	1.000000	64.000000	0.0000000
## 2941	2.000000	23.000000	0.0000000
## 2942	0.000000	0.000000	0.0000000
## 2943	0.000000	0.000000	0.0000000
## 2944	0.000000	0.000000	0.0000000
## 2945	4.000000	166.500000	1.0000000
## 2946	2.000000	74.000000	0.0000000
## 2947	1.000000	42.000000	0.0000000
## 2948	2.000000	172.000000	0.0000000
## 2949	3.000000	232.900000	7.0000000
## 2950	3.000000	176.000000	0.0000000
## 2951	1.000000	5.000000	0.0000000
## 2952	0.000000	0.000000	0.0000000
## 2953	1.000000	6.000000	2.0000000
## 2954	4.000000	56.666667	0.0000000
## 2955	0.000000	0.000000	0.0000000
## 2956	1.000000	19.000000	1.0000000
## 2957	0.000000	0.000000	0.0000000
## 2958	0.000000	0.000000	0.0000000
## 2959	3.000000	52.333333	0.0000000
## 2960	0.000000	0.000000	0.0000000
## 2961	0.000000	0.000000	0.0000000
## 2962	0.000000	0.000000	0.0000000

## 2963	0.000000	0.000000	0.0000000
## 2964	6.000000	89.466667	1.0000000
## 2965	0.000000	0.000000	0.0000000
## 2966	0.000000	0.000000	0.0000000
## 2967	1.000000	9.000000	0.0000000
## 2968	3.000000	111.000000	0.0000000
## 2969	3.000000	120.000000	0.0000000
## 2970	0.000000	0.000000	0.0000000
## 2971	0.000000	0.000000	0.0000000
## 2972	9.000000	149.933333	2.0000000
## 2973	0.000000	0.000000	0.0000000
## 2974	3.000000	53.250000	1.0000000
## 2975	0.000000	0.000000	0.0000000
## 2976	2.000000	60.000000	6.0000000
## 2977	1.000000	97.000000	0.0000000
## 2978	2.000000	21.000000	0.0000000
## 2979	0.000000	0.000000	0.0000000
## 2980	0.000000	0.000000	0.0000000
## 2981	0.000000	0.000000	0.0000000
## 2982	5.000000	497.750000	1.0000000
## 2983	0.000000	0.000000	0.0000000
## 2984	5.000000	65.000000	0.0000000
## 2985	3.000000	149.000000	0.0000000
## 2986	5.000000	316.800000	0.0000000
## 2987	0.000000	0.000000	0.0000000
## 2988	3.000000	49.750000	0.0000000
## 2989	2.000000	74.500000	0.0000000
## 2990	3.000000	40.000000	0.0000000
## 2991	3.000000	65.500000	2.0000000
## 2992	9.000000	233.500000	2.0000000
## 2993	1.000000	41.000000	0.0000000
## 2994	0.000000	0.000000	1.0000000
## 2995	0.000000	0.000000	0.0000000
## 2996	0.000000	0.000000	0.0000000
## 2997	0.000000	0.000000	1.0000000
## 2998	2.000000	149.666667	0.0000000
## 2999	0.000000	0.000000	0.0000000
## 3000	0.000000	0.000000	0.0000000
## 3001	0.000000	0.000000	0.0000000
## 3002	4.000000	172.000000	0.0000000
## 3003	0.000000	0.000000	0.0000000
## 3004	0.000000	0.000000	0.0000000
## 3005	0.000000	0.000000	2.0000000
## 3006	0.000000	0.000000	0.0000000
## 3007	5.000000	158.000000	0.0000000
## 3008	0.000000	0.000000	0.0000000
## 3009	0.000000	0.000000	0.0000000
## 3010	0.000000	0.000000	0.0000000
## 3011	0.000000	0.000000	0.0000000
## 3012	7.000000	134.000000	2.0000000
## 3013	0.000000	0.000000	0.0000000
## 3014	0.000000	0.000000	0.0000000
## 3015	1.000000	26.000000	2.0000000
## 3016	1.000000	38.000000	2.0000000

## 3017	0.000000	0.000000	1.0000000
## 3018	0.000000	0.000000	0.0000000
## 3019	4.000000	26.000000	0.0000000
## 3020	1.000000	57.000000	3.0000000
## 3021	2.000000	33.000000	0.0000000
## 3022	0.000000	0.000000	0.0000000
## 3023	3.000000	314.500000	0.0000000
## 3024	2.000000	10.666667	0.0000000
## 3025	0.000000	0.000000	0.0000000
## 3026	6.000000	106.500000	0.0000000
## 3027	2.000000	83.000000	0.0000000
## 3028	0.000000	0.000000	0.0000000
## 3029	1.000000	537.000000	0.0000000
## 3030	0.000000	0.000000	0.0000000
## 3031	8.000000	211.964286	0.0000000
## 3032	4.000000	69.000000	1.0000000
## 3033	0.000000	0.000000	0.0000000
## 3034	3.000000	19.500000	0.0000000
## 3035	0.000000	0.000000	0.0000000
## 3036	3.000000	55.000000	0.0000000
## 3037	0.000000	0.000000	0.0000000
## 3038	0.000000	0.000000	0.0000000
## 3039	1.000000	0.000000	0.0000000
## 3040	6.000000	175.000000	1.0000000
## 3041	0.000000	0.000000	0.0000000
## 3042	3.000000	81.000000	0.0000000
## 3043	0.000000	0.000000	0.0000000
## 3044	7.000000	106.828571	0.0000000
## 3045	10.000000	161.708333	1.0000000
## 3046	1.000000	50.333333	0.0000000
## 3047	5.000000	766.833333	0.0000000
## 3048	0.000000	0.000000	0.0000000
## 3049	0.000000	0.000000	0.0000000
## 3050	3.000000	29.333333	0.0000000
## 3051	1.000000	4.000000	0.0000000
## 3052	0.000000	0.000000	1.0000000
## 3053	0.000000	0.000000	0.0000000
## 3054	0.000000	0.000000	0.0000000
## 3055	0.000000	0.000000	0.0000000
## 3056	0.000000	0.000000	0.0000000
## 3057	4.000000	130.500000	0.0000000
## 3058	11.000000	1215.333333	0.0000000
## 3059	0.000000	0.000000	0.0000000
## 3060	0.000000	0.000000	0.0000000
## 3061	0.000000	0.000000	0.0000000
## 3062	1.000000	69.000000	0.0000000
## 3063	0.000000	0.000000	0.0000000
## 3064	0.000000	0.000000	0.0000000
## 3065	0.000000	0.000000	0.0000000
## 3066	1.000000	4.000000	0.0000000
## 3067	2.000000	7.000000	1.0000000
## 3068	0.000000	0.000000	0.0000000
## 3069	0.000000	0.000000	0.0000000
## 3070	2.000000	37.000000	0.0000000

## 3071	2.000000	57.500000	0.0000000
## 3072	3.000000	148.666667	0.0000000
## 3073	0.000000	0.000000	0.0000000
## 3074	8.000000	152.333333	0.0000000
## 3075	7.000000	405.258333	1.0000000
## 3076	0.000000	0.000000	0.0000000
## 3077	0.000000	0.000000	0.0000000
## 3078	1.000000	60.000000	1.0000000
## 3079	0.000000	0.000000	0.0000000
## 3080	0.000000	0.000000	2.0000000
## 3081	0.000000	0.000000	0.0000000
## 3082	1.000000	294.000000	0.0000000
## 3083	2.000000	28.000000	0.0000000
## 3084	0.000000	0.000000	0.0000000
## 3085	0.000000	0.000000	0.0000000
## 3086	0.000000	0.000000	2.0000000
## 3087	0.000000	0.000000	0.0000000
## 3088	0.000000	0.000000	0.0000000
## 3089	0.000000	0.000000	0.0000000
## 3090	0.000000	0.000000	0.0000000
## 3091	0.000000	0.000000	0.0000000
## 3092	4.000000	99.500000	0.0000000
## 3093	2.000000	70.000000	0.0000000
## 3094	0.000000	0.000000	0.0000000
## 3095	0.000000	0.000000	0.0000000
## 3096	12.000000	637.938889	0.0000000
## 3097	0.000000	0.000000	0.0000000
## 3098	0.000000	0.000000	0.0000000
## 3099	7.000000	84.550000	0.0000000
## 3100	0.000000	0.000000	0.0000000
## 3101	9.000000	381.866667	1.0000000
## 3102	8.000000	236.833333	0.0000000
## 3103	0.000000	0.000000	0.0000000
## 3104	0.000000	0.000000	0.0000000
## 3105	2.000000	22.000000	0.0000000
## 3106	5.000000	244.500000	0.0000000
## 3107	4.000000	109.000000	2.0000000
## 3108	2.000000	180.500000	0.0000000
## 3109	17.000000	592.001401	4.0000000
## 3110	0.000000	0.000000	0.0000000
## 3111	3.000000	335.000000	0.0000000
## 3112	0.000000	0.000000	0.0000000
## 3113	1.000000	58.000000	0.0000000
## 3114	0.000000	0.000000	0.0000000
## 3115	10.000000	118.000000	0.0000000
## 3116	3.000000	41.000000	0.0000000
## 3117	9.000000	269.800000	0.0000000
## 3118	1.000000	15.000000	0.0000000
## 3119	0.000000	0.000000	0.0000000
## 3120	0.000000	0.000000	0.0000000
## 3121	4.000000	97.000000	0.0000000
## 3122	16.000000	235.250000	1.0000000
## 3123	0.000000	0.000000	0.0000000
## 3124	4.000000	98.000000	4.0000000

## 3125	6.000000	277.166667	2.0000000
## 3126	0.000000	0.000000	0.0000000
## 3127	0.000000	0.000000	0.0000000
## 3128	3.000000	25.083333	0.0000000
## 3129	0.000000	0.000000	0.0000000
## 3130	1.000000	27.000000	0.0000000
## 3131	0.000000	0.000000	2.0000000
## 3132	2.000000	124.000000	1.0000000
## 3133	0.000000	0.000000	0.0000000
## 3134	0.000000	0.000000	0.0000000
## 3135	0.000000	0.000000	0.0000000
## 3136	0.000000	0.000000	0.0000000
## 3137	1.000000	76.000000	0.0000000
## 3138	15.000000	1629.333333	3.0000000
## 3139	1.000000	62.500000	3.0000000
## 3140	0.000000	0.000000	0.0000000
## 3141	6.000000	51.000000	0.0000000
## 3142	0.000000	0.000000	1.0000000
## 3143	1.000000	24.000000	0.0000000
## 3144	5.000000	505.000000	0.0000000
## 3145	0.000000	0.000000	0.0000000
## 3146	4.000000	38.000000	3.0000000
## 3147	0.000000	0.000000	0.0000000
## 3148	6.000000	32.500000	2.0000000
## 3149	3.000000	108.500000	0.0000000
## 3150	3.000000	154.000000	2.0000000
## 3151	0.000000	0.000000	0.0000000
## 3152	0.000000	0.000000	0.0000000
## 3153	4.000000	118.903226	6.0000000
## 3154	1.000000	17.000000	0.0000000
## 3155	8.000000	192.555556	1.0000000
## 3156	2.000000	40.000000	1.0000000
## 3157	2.000000	267.000000	0.0000000
## 3158	6.000000	107.000000	1.0000000
## 3159	9.000000	146.000000	0.0000000
## 3160	5.000000	54.833333	0.0000000
## 3161	0.000000	0.000000	0.0000000
## 3162	0.000000	0.000000	0.0000000
## 3163	0.000000	0.000000	0.0000000
## 3164	2.000000	29.000000	1.0000000
## 3165	0.000000	0.000000	0.0000000
## 3166	8.000000	239.833333	2.0000000
## 3167	0.000000	0.000000	0.0000000
## 3168	4.000000	210.500000	0.0000000
## 3169	2.000000	36.400000	0.0000000
## 3170	3.000000	69.166667	0.0000000
## 3171	0.000000	0.000000	0.0000000
## 3172	3.000000	509.666667	0.0000000
## 3173	6.000000	111.000000	0.0000000
## 3174	4.000000	20.000000	0.0000000
## 3175	1.000000	46.000000	0.0000000
## 3176	0.000000	0.000000	0.0000000
## 3177	2.000000	125.000000	0.0000000
## 3178	0.000000	0.000000	0.0000000

## 3179	1.000000	7.000000	0.0000000
## 3180	10.000000	1751.047619	3.0000000
## 3181	5.000000	827.200000	2.0000000
## 3182	2.000000	55.000000	0.0000000
## 3183	2.000000	25.000000	0.0000000
## 3184	0.000000	0.000000	0.0000000
## 3185	2.000000	15.000000	0.0000000
## 3186	2.000000	93.000000	3.0000000
## 3187	4.000000	73.000000	0.0000000
## 3188	6.000000	77.000000	0.0000000
## 3189	1.000000	260.000000	0.0000000
## 3190	2.000000	13.000000	0.0000000
## 3191	2.000000	33.000000	0.0000000
## 3192	2.000000	566.000000	0.0000000
## 3193	0.000000	0.000000	0.0000000
## 3194	0.000000	0.000000	0.0000000
## 3195	3.000000	42.000000	0.0000000
## 3196	7.000000	85.529167	3.0000000
## 3197	0.000000	0.000000	0.0000000
## 3198	4.000000	191.000000	0.0000000
## 3199	0.000000	0.000000	0.0000000
## 3200	8.000000	186.500000	0.0000000
## 3201	0.000000	0.000000	0.0000000
## 3202	0.000000	0.000000	0.0000000
## 3203	4.000000	47.000000	0.0000000
## 3204	0.000000	0.000000	0.0000000
## 3205	0.000000	0.000000	1.0000000
## 3206	1.000000	10.000000	2.0000000
## 3207	0.000000	0.000000	0.0000000
## 3208	0.000000	0.000000	0.0000000
## 3209	0.000000	0.000000	0.0000000
## 3210	0.000000	0.000000	0.0000000
## 3211	1.000000	6.000000	0.0000000
## 3212	11.000000	361.476190	1.0000000
## 3213	2.000000	32.000000	0.0000000
## 3214	0.000000	0.000000	0.0000000
## 3215	0.000000	0.000000	0.0000000
## 3216	0.000000	0.000000	0.0000000
## 3217	0.000000	0.000000	0.0000000
## 3218	4.000000	61.000000	0.0000000
## 3219	0.000000	0.000000	1.0000000
## 3220	9.000000	794.883333	0.0000000
## 3221	0.000000	0.000000	0.0000000
## 3222	0.000000	0.000000	0.0000000
## 3223	7.000000	89.900000	3.0000000
## 3224	0.000000	0.000000	0.0000000
## 3225	0.000000	0.000000	0.0000000
## 3226	0.000000	0.000000	0.0000000
## 3227	1.000000	27.000000	0.0000000
## 3228	5.000000	162.500000	1.0000000
## 3229	0.000000	0.000000	0.0000000
## 3230	0.000000	0.000000	0.0000000
## 3231	3.000000	204.750000	0.0000000
## 3232	0.000000	0.000000	0.0000000

## 3233	0.000000	0.000000	0.0000000
## 3234	2.000000	32.000000	0.0000000
## 3235	0.000000	0.000000	0.0000000
## 3236	3.000000	112.000000	0.0000000
## 3237	0.000000	0.000000	0.0000000
## 3238	1.000000	0.000000	0.0000000
## 3239	6.000000	91.500000	0.0000000
## 3240	0.000000	0.000000	0.0000000
## 3241	5.000000	423.500000	2.0000000
## 3242	0.000000	0.000000	0.0000000
## 3243	9.000000	174.475000	0.0000000
## 3244	0.000000	0.000000	0.0000000
## 3245	0.000000	0.000000	0.0000000
## 3246	1.000000	9.000000	5.0000000
## 3247	1.000000	26.000000	0.0000000
## 3248	0.000000	0.000000	0.0000000
## 3249	0.000000	0.000000	0.0000000
## 3250	1.000000	41.000000	0.0000000
## 3251	0.000000	0.000000	0.0000000
## 3252	0.000000	0.000000	0.0000000
## 3253	3.000000	40.000000	0.0000000
## 3254	0.000000	0.000000	0.0000000
## 3255	0.000000	0.000000	0.0000000
## 3256	0.000000	0.000000	0.0000000
## 3257	0.000000	0.000000	0.0000000
## 3258	12.000000	418.333333	2.0000000
## 3259	1.000000	88.000000	0.0000000
## 3260	2.000000	86.000000	0.0000000
## 3261	0.000000	0.000000	0.0000000
## 3262	0.000000	0.000000	0.0000000
## 3263	1.000000	5.000000	2.0000000
## 3264	0.000000	0.000000	2.0000000
## 3265	3.000000	249.000000	0.0000000
## 3266	1.000000	20.000000	0.0000000
## 3267	0.000000	0.000000	0.0000000
## 3268	3.000000	100.000000	0.0000000
## 3269	0.000000	0.000000	0.0000000
## 3270	1.000000	32.000000	0.0000000
## 3271	5.000000	90.875000	1.0000000
## 3272	0.000000	0.000000	0.0000000
## 3273	1.000000	10.000000	0.0000000
## 3274	3.000000	110.500000	0.0000000
## 3275	0.000000	0.000000	0.0000000
## 3276	4.000000	14.000000	0.0000000
## 3277	0.000000	0.000000	0.0000000
## 3278	8.000000	144.500000	4.0000000
## 3279	6.000000	211.000000	1.0000000
## 3280	0.000000	0.000000	0.0000000
## 3281	0.000000	0.000000	0.0000000
## 3282	1.000000	47.000000	0.0000000
## 3283	0.000000	0.000000	0.0000000
## 3284	2.000000	98.000000	0.0000000
## 3285	0.000000	0.000000	0.0000000
## 3286	10.000000	207.866667	0.0000000

## 3287	0.000000	0.000000	0.0000000
## 3288	8.000000	656.000000	1.0000000
## 3289	0.000000	0.000000	0.0000000
## 3290	1.000000	6.000000	1.0000000
## 3291	4.000000	319.000000	1.0000000
## 3292	2.000000	108.000000	0.0000000
## 3293	0.000000	0.000000	0.0000000
## 3294	0.000000	0.000000	0.0000000
## 3295	0.000000	0.000000	3.0000000
## 3296	0.000000	0.000000	0.0000000
## 3297	0.000000	0.000000	1.0000000
## 3298	8.000000	105.564423	5.0000000
## 3299	0.000000	0.000000	0.0000000
## 3300	5.000000	20.000000	0.0000000
## 3301	0.000000	0.000000	0.0000000
## 3302	0.000000	0.000000	0.0000000
## 3303	0.000000	0.000000	0.0000000
## 3304	0.000000	0.000000	0.0000000
## 3305	2.000000	50.500000	0.0000000
## 3306	0.000000	0.000000	0.0000000
## 3307	3.000000	30.500000	0.0000000
## 3308	0.000000	0.000000	0.0000000
## 3309	10.000000	341.428571	0.0000000
## 3310	3.000000	105.000000	0.0000000
## 3311	0.000000	0.000000	0.0000000
## 3312	0.000000	0.000000	0.0000000
## 3313	0.000000	0.000000	0.0000000
## 3314	5.000000	99.166667	1.0000000
## 3315	5.000000	436.000000	0.0000000
## 3316	0.000000	0.000000	0.0000000
## 3317	0.000000	0.000000	0.0000000
## 3318	1.000000	43.000000	1.0000000
## 3319	8.000000	102.666667	0.0000000
## 3320	7.000000	195.875000	2.0000000
## 3321	0.000000	0.000000	0.0000000
## 3322	4.000000	204.500000	0.0000000
## 3323	0.000000	0.000000	0.0000000
## 3324	3.000000	94.000000	0.0000000
## 3325	1.000000	255.000000	0.0000000
## 3326	0.000000	0.000000	0.0000000
## 3327	1.000000	5.000000	1.0000000
## 3328	0.000000	0.000000	1.0000000
## 3329	0.000000	0.000000	0.0000000
## 3330	1.000000	4.000000	0.0000000
## 3331	0.000000	0.000000	0.0000000
## 3332	0.000000	0.000000	0.0000000
## 3333	0.000000	0.000000	0.0000000
## 3334	2.000000	43.000000	0.0000000
## 3335	0.000000	0.000000	0.0000000
## 3336	0.000000	0.000000	0.0000000
## 3337	0.000000	0.000000	0.0000000
## 3338	5.000000	113.500000	0.0000000
## 3339	0.000000	0.000000	0.0000000
## 3340	1.000000	3.000000	0.0000000

## 3341	0.000000	0.000000	0.000000
## 3342	6.000000	220.000000	2.000000
## 3343	0.000000	0.000000	1.000000
## 3344	0.000000	0.000000	0.000000
## 3345	2.000000	37.333333	0.000000
## 3346	1.000000	29.000000	0.000000
## 3347	2.000000	59.500000	1.000000
## 3348	11.000000	336.500000	0.000000
## 3349	1.000000	63.000000	0.000000
## 3350	0.000000	0.000000	0.000000
## 3351	2.000000	7.000000	0.000000
## 3352	0.000000	0.000000	0.000000
## 3353	0.000000	0.000000	0.000000
## 3354	0.000000	0.000000	0.000000
## 3355	1.000000	0.000000	0.000000
## 3356	0.000000	0.000000	0.000000
## 3357	15.000000	168.429198	2.000000
## 3358	2.000000	5.000000	0.000000
## 3359	3.000000	11.666667	0.000000
## 3360	7.000000	53.250000	0.000000
## 3361	4.000000	132.000000	1.000000
## 3362	7.000000	44.166667	0.000000
## 3363	7.000000	41.375000	0.000000
## 3364	1.000000	24.000000	0.000000
## 3365	0.000000	0.000000	0.000000
## 3366	0.000000	0.000000	0.000000
## 3367	0.000000	0.000000	0.000000
## 3368	0.000000	0.000000	0.000000
## 3369	0.000000	0.000000	0.000000
## 3370	6.000000	65.000000	2.000000
## 3371	0.000000	0.000000	0.000000
## 3372	8.000000	567.357143	1.000000
## 3373	2.000000	39.000000	0.000000
## 3374	2.000000	7.500000	0.000000
## 3375	1.000000	25.000000	0.000000
## 3376	0.000000	0.000000	1.000000
## 3377	0.000000	0.000000	0.000000
## 3378	0.000000	0.000000	0.000000
## 3379	12.000000	316.550000	3.000000
## 3380	2.000000	59.833333	0.000000
## 3381	0.000000	0.000000	0.000000
## 3382	2.000000	20.000000	0.000000
## 3383	0.000000	0.000000	0.000000
## 3384	0.000000	0.000000	0.000000
## 3385	2.000000	38.000000	0.000000
## 3386	0.000000	0.000000	0.000000
## 3387	1.000000	5.000000	0.000000
## 3388	0.000000	0.000000	0.000000
## 3389	11.000000	100.096537	0.000000
## 3390	0.000000	0.000000	0.000000
## 3391	7.000000	160.333333	0.000000
## 3392	2.000000	42.166667	0.000000
## 3393	2.000000	81.000000	0.000000
## 3394	0.000000	0.000000	0.000000

## 3395	0.000000	0.000000	0.0000000
## 3396	0.000000	0.000000	0.0000000
## 3397	0.000000	0.000000	0.0000000
## 3398	5.000000	119.000000	0.0000000
## 3399	1.000000	0.000000	0.0000000
## 3400	0.000000	0.000000	0.0000000
## 3401	0.000000	0.000000	0.0000000
## 3402	0.000000	0.000000	0.0000000
## 3403	4.000000	32.100000	1.0000000
## 3404	0.000000	0.000000	0.0000000
## 3405	0.000000	0.000000	0.0000000
## 3406	0.000000	0.000000	0.0000000
## 3407	4.000000	34.000000	0.0000000
## 3408	0.000000	0.000000	0.0000000
## 3409	0.000000	0.000000	0.0000000
## 3410	5.000000	133.000000	0.0000000
## 3411	0.000000	0.000000	0.0000000
## 3412	0.000000	0.000000	0.0000000
## 3413	0.000000	0.000000	0.0000000
## 3414	1.000000	29.500000	0.0000000
## 3415	0.000000	0.000000	0.0000000
## 3416	0.000000	0.000000	0.0000000
## 3417	1.000000	38.000000	0.0000000
## 3418	1.000000	32.333333	1.0000000
## 3419	0.000000	0.000000	0.0000000
## 3420	0.000000	0.000000	0.0000000
## 3421	1.000000	74.000000	0.0000000
## 3422	1.000000	10.000000	0.0000000
## 3423	0.000000	0.000000	0.0000000
## 3424	7.000000	71.000000	0.0000000
## 3425	0.000000	0.000000	0.0000000
## 3426	1.000000	27.000000	0.0000000
## 3427	0.000000	0.000000	0.0000000
## 3428	4.000000	75.600000	0.0000000
## 3429	0.000000	0.000000	2.0000000
## 3430	0.000000	0.000000	0.0000000
## 3431	2.000000	32.500000	0.0000000
## 3432	8.000000	120.666667	2.0000000
## 3433	0.000000	0.000000	0.0000000
## 3434	0.000000	0.000000	0.0000000
## 3435	0.000000	0.000000	0.0000000
## 3436	4.000000	128.500000	0.0000000
## 3437	1.000000	28.000000	0.0000000
## 3438	3.000000	51.500000	0.0000000
## 3439	2.000000	57.000000	1.0000000
## 3440	0.000000	0.000000	0.0000000
## 3441	14.000000	247.136364	2.0000000
## 3442	0.000000	0.000000	0.0000000
## 3443	2.000000	256.000000	0.0000000
## 3444	0.000000	0.000000	0.0000000
## 3445	2.000000	37.500000	0.0000000
## 3446	0.000000	0.000000	0.0000000
## 3447	0.000000	0.000000	0.0000000
## 3448	0.000000	0.000000	0.0000000

## 3449	10.000000	76.166667	0.0000000
## 3450	4.000000	202.000000	0.0000000
## 3451	0.000000	0.000000	0.0000000
## 3452	1.000000	18.000000	0.0000000
## 3453	7.000000	160.230769	0.0000000
## 3454	0.000000	0.000000	0.0000000
## 3455	2.000000	338.000000	0.0000000
## 3456	0.000000	0.000000	3.0000000
## 3457	0.000000	0.000000	0.0000000
## 3458	0.000000	0.000000	0.0000000
## 3459	2.000000	844.000000	0.0000000
## 3460	3.000000	73.500000	3.0000000
## 3461	2.000000	13.333333	0.0000000
## 3462	4.000000	324.500000	0.0000000
## 3463	0.000000	0.000000	0.0000000
## 3464	0.000000	0.000000	0.0000000
## 3465	7.000000	159.500000	0.0000000
## 3466	1.000000	37.000000	0.0000000
## 3467	4.000000	80.000000	0.0000000
## 3468	1.000000	8.500000	0.0000000
## 3469	0.000000	0.000000	0.0000000
## 3470	0.000000	0.000000	0.0000000
## 3471	1.000000	241.000000	0.0000000
## 3472	0.000000	0.000000	0.0000000
## 3473	0.000000	0.000000	0.0000000
## 3474	16.000000	284.850000	0.0000000
## 3475	0.000000	0.000000	1.0000000
## 3476	7.000000	64.750000	1.0000000
## 3477	0.000000	0.000000	0.0000000
## 3478	1.000000	2.000000	0.0000000
## 3479	4.000000	47.500000	0.0000000
## 3480	6.000000	108.916667	0.0000000
## 3481	0.000000	0.000000	0.0000000
## 3482	0.000000	0.000000	0.0000000
## 3483	3.000000	25.571429	1.0000000
## 3484	4.000000	123.000000	1.0000000
## 3485	1.000000	48.000000	0.0000000
## 3486	1.000000	64.000000	0.0000000
## 3487	4.000000	69.000000	0.0000000
## 3488	0.000000	0.000000	0.0000000
## 3489	0.000000	0.000000	0.0000000
## 3490	2.000000	18.000000	0.0000000
## 3491	4.000000	322.500000	1.0000000
## 3492	2.000000	178.500000	2.0000000
## 3493	0.000000	0.000000	0.0000000
## 3494	1.000000	82.000000	0.0000000
## 3495	0.000000	0.000000	0.0000000
## 3496	0.000000	0.000000	0.0000000
## 3497	0.000000	0.000000	0.0000000
## 3498	8.000000	176.666667	2.0000000
## 3499	1.000000	0.000000	0.0000000
## 3500	0.000000	0.000000	0.0000000
## 3501	1.000000	418.000000	3.0000000
## 3502	0.000000	0.000000	0.0000000

## 3503	0.000000	0.000000	0.000000
## 3504	1.000000	23.000000	0.000000
## 3505	1.000000	12.500000	0.000000
## 3506	0.000000	0.000000	0.000000
## 3507	0.000000	0.000000	0.000000
## 3508	0.000000	0.000000	0.000000
## 3509	0.000000	0.000000	0.000000
## 3510	0.000000	0.000000	0.000000
## 3511	5.000000	66.966667	2.000000
## 3512	1.000000	120.000000	1.000000
## 3513	0.000000	0.000000	0.000000
## 3514	5.000000	54.000000	0.000000
## 3515	0.000000	0.000000	0.000000
## 3516	0.000000	0.000000	0.000000
## 3517	0.000000	0.000000	0.000000
## 3518	0.000000	0.000000	0.000000
## 3519	0.000000	0.000000	0.000000
## 3520	1.000000	4.000000	0.000000
## 3521	7.000000	374.369048	0.000000
## 3522	0.000000	0.000000	0.000000
## 3523	1.000000	5.500000	0.000000
## 3524	0.000000	0.000000	9.000000
## 3525	0.000000	0.000000	0.000000
## 3526	0.000000	0.000000	0.000000
## 3527	6.000000	374.000000	0.000000
## 3528	0.000000	0.000000	0.000000
## 3529	0.000000	0.000000	0.000000
## 3530	0.000000	0.000000	2.000000
## 3531	1.000000	41.000000	0.000000
## 3532	1.000000	15.000000	0.000000
## 3533	0.000000	0.000000	0.000000
## 3534	1.000000	11.000000	0.000000
## 3535	0.000000	0.000000	1.000000
## 3536	0.000000	0.000000	0.000000
## 3537	1.000000	9.000000	0.000000
## 3538	0.000000	0.000000	0.000000
## 3539	0.000000	0.000000	0.000000
## 3540	7.000000	54.636364	1.000000
## 3541	0.000000	0.000000	0.000000
## 3542	1.000000	45.000000	0.000000
## 3543	2.000000	44.333333	0.000000
## 3544	0.000000	0.000000	0.000000
## 3545	4.000000	738.000000	0.000000
## 3546	0.000000	0.000000	0.000000
## 3547	0.000000	0.000000	0.000000
## 3548	1.000000	72.000000	0.000000
## 3549	0.000000	0.000000	1.000000
## 3550	1.000000	12.000000	0.000000
## 3551	9.000000	468.366667	1.000000
## 3552	5.000000	55.500000	0.000000
## 3553	3.000000	283.666667	1.000000
## 3554	0.000000	0.000000	0.000000
## 3555	0.000000	0.000000	0.000000
## 3556	0.000000	0.000000	0.000000

## 3557	0.000000	0.000000	0.0000000
## 3558	0.000000	0.000000	0.0000000
## 3559	0.000000	0.000000	0.0000000
## 3560	3.000000	53.500000	0.0000000
## 3561	0.000000	0.000000	0.0000000
## 3562	8.000000	132.000000	0.0000000
## 3563	0.000000	0.000000	0.0000000
## 3564	3.000000	101.000000	0.0000000
## 3565	0.000000	0.000000	0.0000000
## 3566	0.000000	0.000000	0.0000000
## 3567	1.000000	109.000000	0.0000000
## 3568	7.000000	278.833333	2.0000000
## 3569	0.000000	0.000000	0.0000000
## 3570	1.000000	0.000000	0.0000000
## 3571	0.000000	0.000000	0.0000000
## 3572	0.000000	0.000000	0.0000000
## 3573	0.000000	0.000000	0.0000000
## 3574	0.000000	0.000000	0.0000000
## 3575	1.000000	21.500000	2.0000000
## 3576	0.000000	0.000000	0.0000000
## 3577	4.000000	250.857143	1.0000000
## 3578	0.000000	0.000000	0.0000000
## 3579	6.000000	545.000000	4.0000000
## 3580	0.000000	0.000000	0.0000000
## 3581	0.000000	0.000000	0.0000000
## 3582	6.000000	60.000000	0.0000000
## 3583	0.000000	0.000000	0.0000000
## 3584	1.000000	13.000000	1.0000000
## 3585	3.000000	37.300000	4.0000000
## 3586	0.000000	0.000000	0.0000000
## 3587	5.000000	68.000000	0.0000000
## 3588	0.000000	0.000000	0.0000000
## 3589	0.000000	0.000000	0.0000000
## 3590	0.000000	0.000000	0.0000000
## 3591	4.000000	237.833333	0.0000000
## 3592	0.000000	0.000000	0.0000000
## 3593	3.000000	120.666667	0.0000000
## 3594	0.000000	0.000000	0.0000000
## 3595	3.000000	119.000000	1.0000000
## 3596	0.000000	0.000000	0.0000000
## 3597	0.000000	0.000000	0.0000000
## 3598	0.000000	0.000000	0.0000000
## 3599	2.000000	7.000000	0.0000000
## 3600	1.000000	65.000000	0.0000000
## 3601	0.000000	0.000000	0.0000000
## 3602	4.000000	1764.000000	1.0000000
## 3603	1.000000	68.000000	0.0000000
## 3604	0.000000	0.000000	0.0000000
## 3605	0.000000	0.000000	0.0000000
## 3606	0.000000	0.000000	0.0000000
## 3607	2.000000	63.666667	0.0000000
## 3608	0.000000	0.000000	0.0000000
## 3609	0.000000	0.000000	0.0000000
## 3610	0.000000	0.000000	0.0000000

## 3611	2.000000	37.500000	0.0000000
## 3612	10.000000	312.000000	0.0000000
## 3613	0.000000	0.000000	0.0000000
## 3614	6.000000	299.000000	1.0000000
## 3615	0.000000	0.000000	1.0000000
## 3616	1.000000	0.000000	1.0000000
## 3617	0.000000	0.000000	0.0000000
## 3618	0.000000	0.000000	0.0000000
## 3619	0.000000	0.000000	0.0000000
## 3620	0.000000	0.000000	0.0000000
## 3621	6.000000	93.500000	0.0000000
## 3622	0.000000	0.000000	0.0000000
## 3623	0.000000	0.000000	0.0000000
## 3624	0.000000	0.000000	0.0000000
## 3625	2.000000	67.000000	0.0000000
## 3626	0.000000	0.000000	0.0000000
## 3627	12.000000	251.866667	0.0000000
## 3628	3.000000	121.000000	0.0000000
## 3629	3.000000	71.000000	3.0000000
## 3630	0.000000	0.000000	0.0000000
## 3631	5.000000	110.000000	0.0000000
## 3632	0.000000	0.000000	0.0000000
## 3633	7.000000	136.666667	1.0000000
## 3634	0.000000	0.000000	0.0000000
## 3635	1.000000	8.000000	0.0000000
## 3636	11.000000	167.166667	6.0000000
## 3637	2.000000	15.000000	0.0000000
## 3638	5.000000	142.700000	0.0000000
## 3639	2.000000	114.000000	0.0000000
## 3640	0.000000	0.000000	0.0000000
## 3641	0.000000	0.000000	0.0000000
## 3642	3.000000	86.000000	0.0000000
## 3643	0.000000	0.000000	0.0000000
## 3644	5.000000	147.000000	0.0000000
## 3645	0.000000	0.000000	0.0000000
## 3646	4.000000	47.000000	0.0000000
## 3647	0.000000	0.000000	0.0000000
## 3648	0.000000	0.000000	0.0000000
## 3649	0.000000	0.000000	0.0000000
## 3650	8.000000	276.866667	0.0000000
## 3651	0.000000	0.000000	0.0000000
## 3652	0.000000	0.000000	1.0000000
## 3653	2.000000	132.000000	0.0000000
## 3654	1.000000	64.000000	0.0000000
## 3655	4.000000	103.500000	0.0000000
## 3656	0.000000	0.000000	0.0000000
## 3657	0.000000	0.000000	0.0000000
## 3658	3.000000	23.000000	0.0000000
## 3659	5.000000	1321.250000	0.0000000
## 3660	7.000000	190.583333	2.0000000
## 3661	1.000000	7.000000	0.0000000
## 3662	4.000000	67.000000	0.0000000
## 3663	4.000000	131.000000	1.0000000
## 3664	2.000000	46.000000	0.0000000

## 3665	3.000000	67.000000	0.0000000
## 3666	1.000000	77.000000	1.0000000
## 3667	0.000000	0.000000	0.0000000
## 3668	0.000000	0.000000	0.0000000
## 3669	0.000000	0.000000	0.0000000
## 3670	0.000000	0.000000	0.0000000
## 3671	0.000000	0.000000	2.0000000
## 3672	2.000000	7.000000	0.0000000
## 3673	0.000000	0.000000	1.0000000
## 3674	2.000000	15.000000	0.0000000
## 3675	7.000000	397.833333	0.0000000
## 3676	0.000000	0.000000	0.0000000
## 3677	0.000000	0.000000	1.0000000
## 3678	3.000000	251.000000	2.0000000
## 3679	0.000000	0.000000	0.0000000
## 3680	0.000000	0.000000	0.0000000
## 3681	0.000000	0.000000	0.0000000
## 3682	3.000000	203.000000	0.0000000
## 3683	0.000000	0.000000	0.0000000
## 3684	5.000000	232.400000	0.0000000
## 3685	0.000000	0.000000	0.0000000
## 3686	0.000000	0.000000	0.0000000
## 3687	0.000000	0.000000	0.0000000
## 3688	0.000000	0.000000	0.0000000
## 3689	0.000000	0.000000	0.0000000
## 3690	3.000000	22.333333	1.0000000
## 3691	5.000000	54.000000	0.0000000
## 3692	0.000000	0.000000	0.0000000
## 3693	1.000000	23.000000	0.0000000
## 3694	2.000000	116.000000	0.0000000
## 3695	2.000000	26.000000	3.0000000
## 3696	4.000000	90.500000	0.0000000
## 3697	0.000000	0.000000	0.0000000
## 3698	9.000000	159.716667	1.0000000
## 3699	0.000000	0.000000	0.0000000
## 3700	0.000000	0.000000	0.0000000
## 3701	0.000000	0.000000	0.0000000
## 3702	1.000000	18.000000	1.0000000
## 3703	2.000000	156.000000	1.0000000
## 3704	3.000000	47.000000	1.0000000
## 3705	4.000000	766.833333	0.0000000
## 3706	0.000000	0.000000	1.0000000
## 3707	0.000000	0.000000	0.0000000
## 3708	0.000000	0.000000	0.0000000
## 3709	0.000000	0.000000	0.0000000
## 3710	4.000000	318.666667	0.0000000
## 3711	6.000000	63.000000	1.0000000
## 3712	0.000000	0.000000	0.0000000
## 3713	1.000000	14.000000	0.0000000
## 3714	1.000000	5.384615	0.0000000
## 3715	0.000000	0.000000	0.0000000
## 3716	0.000000	0.000000	0.0000000
## 3717	1.000000	15.000000	0.0000000
## 3718	4.000000	147.500000	1.0000000

## 3719	2.000000	10.000000	1.0000000
## 3720	0.000000	0.000000	0.0000000
## 3721	0.000000	0.000000	0.0000000
## 3722	0.000000	0.000000	0.0000000
## 3723	0.000000	0.000000	0.0000000
## 3724	0.000000	0.000000	0.0000000
## 3725	5.000000	131.200000	3.0000000
## 3726	3.000000	61.500000	0.0000000
## 3727	2.000000	386.000000	1.0000000
## 3728	3.000000	179.500000	0.0000000
## 3729	0.000000	0.000000	0.0000000
## 3730	0.000000	0.000000	0.0000000
## 3731	0.000000	0.000000	0.0000000
## 3732	1.000000	45.500000	3.0000000
## 3733	0.000000	0.000000	0.0000000
## 3734	2.000000	26.666667	0.0000000
## 3735	0.000000	0.000000	0.0000000
## 3736	4.000000	91.000000	0.0000000
## 3737	0.000000	0.000000	0.0000000
## 3738	0.000000	0.000000	0.0000000
## 3739	0.000000	0.000000	0.0000000
## 3740	3.000000	44.750000	0.0000000
## 3741	5.000000	53.000000	0.0000000
## 3742	1.000000	49.000000	0.0000000
## 3743	1.000000	53.000000	0.0000000
## 3744	0.000000	0.000000	0.0000000
## 3745	0.000000	0.000000	0.0000000
## 3746	2.000000	225.000000	0.0000000
## 3747	7.000000	108.000000	2.0000000
## 3748	2.000000	90.000000	0.0000000
## 3749	2.000000	84.000000	0.0000000
## 3750	0.000000	0.000000	0.0000000
## 3751	5.000000	33.000000	0.0000000
## 3752	4.000000	368.833333	0.0000000
## 3753	5.000000	73.500000	1.0000000
## 3754	5.000000	68.666667	0.0000000
## 3755	0.000000	0.000000	0.0000000
## 3756	3.000000	45.000000	1.0000000
## 3757	8.000000	839.000000	0.0000000
## 3758	12.000000	402.500000	0.0000000
## 3759	0.000000	0.000000	0.0000000
## 3760	1.000000	33.000000	0.0000000
## 3761	1.000000	19.000000	0.0000000
## 3762	0.000000	0.000000	0.0000000
## 3763	1.000000	51.000000	2.0000000
## 3764	0.000000	0.000000	0.0000000
## 3765	0.000000	0.000000	0.0000000
## 3766	1.000000	31.000000	0.0000000
## 3767	2.000000	21.333333	0.0000000
## 3768	6.000000	71.500000	1.0000000
## 3769	7.000000	51.000000	3.0000000
## 3770	0.000000	0.000000	0.0000000
## 3771	2.000000	72.500000	0.0000000
## 3772	0.000000	0.000000	0.0000000

## 3773	0.000000	0.000000	0.000000
## 3774	2.000000	71.300000	0.000000
## 3775	0.000000	0.000000	0.000000
## 3776	0.000000	0.000000	0.000000
## 3777	1.000000	0.000000	0.000000
## 3778	5.000000	37.000000	1.000000
## 3779	0.000000	0.000000	0.000000
## 3780	2.000000	30.000000	1.000000
## 3781	2.000000	23.000000	0.000000
## 3782	0.000000	0.000000	0.000000
## 3783	1.000000	4.000000	0.000000
## 3784	0.000000	0.000000	0.000000
## 3785	0.000000	0.000000	0.000000
## 3786	2.000000	105.000000	0.000000
## 3787	0.000000	0.000000	0.000000
## 3788	1.000000	4.000000	0.000000
## 3789	0.000000	0.000000	0.000000
## 3790	0.000000	0.000000	0.000000
## 3791	0.000000	0.000000	0.000000
## 3792	1.000000	20.500000	1.000000
## 3793	1.000000	38.000000	0.000000
## 3794	1.000000	6.000000	0.000000
## 3795	5.000000	112.333333	0.000000
## 3796	0.000000	0.000000	0.000000
## 3797	0.000000	0.000000	0.000000
## 3798	6.000000	245.466667	0.000000
## 3799	5.000000	86.166667	1.000000
## 3800	0.000000	0.000000	0.000000
## 3801	1.000000	10.000000	3.000000
## 3802	0.000000	0.000000	0.000000
## 3803	4.000000	104.500000	1.000000
## 3804	0.000000	0.000000	0.000000
## 3805	0.000000	0.000000	0.000000
## 3806	0.000000	0.000000	0.000000
## 3807	0.000000	0.000000	0.000000
## 3808	0.000000	0.000000	0.000000
## 3809	9.000000	177.000000	2.000000
## 3810	0.000000	0.000000	5.000000
## 3811	5.000000	129.500000	0.000000
## 3812	3.000000	52.000000	0.000000
## 3813	0.000000	0.000000	0.000000
## 3814	0.000000	0.000000	0.000000
## 3815	2.000000	25.500000	0.000000
## 3816	0.000000	0.000000	0.000000
## 3817	2.000000	87.250000	0.000000
## 3818	4.000000	57.500000	0.000000
## 3819	0.000000	0.000000	0.000000
## 3820	5.000000	50.666667	0.000000
## 3821	5.000000	41.000000	1.000000
## 3822	8.000000	294.500000	3.000000
## 3823	0.000000	0.000000	0.000000
## 3824	4.000000	362.000000	1.000000
## 3825	0.000000	0.000000	0.000000
## 3826	7.000000	96.000000	3.000000

## 3827	0.000000	0.000000	0.0000000
## 3828	4.000000	157.000000	0.0000000
## 3829	0.000000	0.000000	0.0000000
## 3830	8.000000	820.800000	1.0000000
## 3831	0.000000	0.000000	0.0000000
## 3832	0.000000	0.000000	0.0000000
## 3833	0.000000	0.000000	0.0000000
## 3834	8.000000	157.000000	4.0000000
## 3835	4.000000	316.833333	1.0000000
## 3836	2.000000	17.000000	0.0000000
## 3837	0.000000	0.000000	0.0000000
## 3838	0.000000	0.000000	0.0000000
## 3839	0.000000	0.000000	0.0000000
## 3840	2.000000	235.000000	0.0000000
## 3841	9.000000	367.000000	0.0000000
## 3842	4.000000	51.019231	0.0000000
## 3843	4.000000	165.000000	0.0000000
## 3844	0.000000	0.000000	0.0000000
## 3845	0.000000	0.000000	0.0000000
## 3846	0.000000	0.000000	0.0000000
## 3847	0.000000	0.000000	0.0000000
## 3848	0.000000	0.000000	0.0000000
## 3849	0.000000	0.000000	0.0000000
## 3850	6.000000	175.000000	0.0000000
## 3851	1.000000	4.000000	0.0000000
## 3852	0.000000	0.000000	0.0000000
## 3853	0.000000	0.000000	0.0000000
## 3854	0.000000	0.000000	0.0000000
## 3855	3.000000	38.166667	0.0000000
## 3856	0.000000	0.000000	0.0000000
## 3857	14.000000	375.278571	0.0000000
## 3858	1.000000	0.000000	0.0000000
## 3859	3.000000	143.000000	2.0000000
## 3860	0.000000	0.000000	0.0000000
## 3861	9.000000	139.000000	1.0000000
## 3862	1.000000	9.000000	0.0000000
## 3863	0.000000	0.000000	0.0000000
## 3864	1.000000	8.000000	0.0000000
## 3865	5.000000	96.250000	0.0000000
## 3866	0.000000	0.000000	0.0000000
## 3867	1.000000	72.000000	1.0000000
## 3868	6.000000	40.666667	0.0000000
## 3869	0.000000	0.000000	0.0000000
## 3870	2.000000	0.000000	0.0000000
## 3871	1.000000	4.000000	0.0000000
## 3872	0.000000	0.000000	0.0000000
## 3873	0.000000	0.000000	0.0000000
## 3874	2.000000	38.333333	0.0000000
## 3875	0.000000	0.000000	8.0000000
## 3876	5.000000	114.666667	0.0000000
## 3877	0.000000	0.000000	0.0000000
## 3878	0.000000	0.000000	0.0000000
## 3879	1.000000	9.000000	1.0000000
## 3880	6.000000	142.300000	0.0000000

## 3881	2.000000	180.000000	3.0000000
## 3882	2.000000	87.000000	0.0000000
## 3883	5.000000	339.166667	0.0000000
## 3884	2.000000	133.000000	0.0000000
## 3885	0.000000	0.000000	0.0000000
## 3886	0.000000	0.000000	0.0000000
## 3887	0.000000	0.000000	0.0000000
## 3888	0.000000	0.000000	0.0000000
## 3889	3.000000	64.000000	0.0000000
## 3890	0.000000	0.000000	0.0000000
## 3891	0.000000	0.000000	1.0000000
## 3892	1.000000	24.500000	0.0000000
## 3893	0.000000	0.000000	0.0000000
## 3894	0.000000	0.000000	0.0000000
## 3895	0.000000	0.000000	0.0000000
## 3896	0.000000	0.000000	0.0000000
## 3897	8.000000	41.000000	0.0000000
## 3898	2.000000	81.500000	1.0000000
## 3899	0.000000	0.000000	0.0000000
## 3900	9.000000	219.250000	2.0000000
## 3901	0.000000	0.000000	0.0000000
## 3902	0.000000	0.000000	0.0000000
## 3903	0.000000	0.000000	0.0000000
## 3904	0.000000	0.000000	0.0000000
## 3905	0.000000	0.000000	0.0000000
## 3906	1.000000	11.000000	0.0000000
## 3907	0.000000	0.000000	0.0000000
## 3908	0.000000	0.000000	2.0000000
## 3909	1.000000	35.000000	0.0000000
## 3910	0.000000	0.000000	0.0000000
## 3911	7.000000	78.300000	5.0000000
## 3912	4.000000	120.000000	4.0000000
## 3913	1.000000	5.000000	0.0000000
## 3914	0.000000	0.000000	3.0000000
## 3915	0.000000	0.000000	0.0000000
## 3916	0.000000	0.000000	1.0000000
## 3917	2.000000	15.600000	0.0000000
## 3918	0.000000	0.000000	0.0000000
## 3919	0.000000	0.000000	0.0000000
## 3920	0.000000	0.000000	0.0000000
## 3921	8.000000	259.833333	0.0000000
## 3922	1.000000	5.000000	0.0000000
## 3923	1.000000	15.000000	0.0000000
## 3924	0.000000	0.000000	0.0000000
## 3925	0.000000	0.000000	0.0000000
## 3926	6.000000	88.000000	0.0000000
## 3927	0.000000	0.000000	0.0000000
## 3928	0.000000	0.000000	0.0000000
## 3929	0.000000	0.000000	0.0000000
## 3930	0.000000	0.000000	0.0000000
## 3931	0.000000	0.000000	0.0000000
## 3932	0.000000	0.000000	0.0000000
## 3933	5.000000	389.000000	0.0000000
## 3934	0.000000	0.000000	0.0000000

## 3935	4.000000	122.500000	0.0000000
## 3936	2.000000	127.000000	0.0000000
## 3937	1.000000	0.000000	1.0000000
## 3938	0.000000	0.000000	0.0000000
## 3939	0.000000	0.000000	0.0000000
## 3940	2.000000	139.000000	1.0000000
## 3941	0.000000	0.000000	0.0000000
## 3942	3.000000	78.500000	0.0000000
## 3943	2.000000	96.000000	2.0000000
## 3944	2.000000	162.000000	0.0000000
## 3945	4.000000	41.333333	0.0000000
## 3946	0.000000	0.000000	0.0000000
## 3947	0.000000	0.000000	0.0000000
## 3948	0.000000	0.000000	0.0000000
## 3949	1.000000	69.000000	1.0000000
## 3950	0.000000	0.000000	0.0000000
## 3951	0.000000	0.000000	0.0000000
## 3952	3.000000	48.000000	0.0000000
## 3953	0.000000	0.000000	0.0000000
## 3954	2.000000	84.500000	0.0000000
## 3955	0.000000	0.000000	1.0000000
## 3956	0.000000	0.000000	0.0000000
## 3957	4.000000	85.000000	0.0000000
## 3958	3.000000	72.500000	4.0000000
## 3959	0.000000	0.000000	0.0000000
## 3960	0.000000	0.000000	0.0000000
## 3961	0.000000	0.000000	0.0000000
## 3962	2.000000	5.000000	0.0000000
## 3963	2.000000	73.000000	0.0000000
## 3964	0.000000	0.000000	0.0000000
## 3965	0.000000	0.000000	0.0000000
## 3966	5.000000	35.750000	0.0000000
## 3967	0.000000	0.000000	0.0000000
## 3968	8.000000	149.500000	0.0000000
## 3969	0.000000	0.000000	0.0000000
## 3970	3.000000	91.500000	0.0000000
## 3971	5.000000	117.333333	4.0000000
## 3972	13.000000	388.300000	8.0000000
## 3973	0.000000	0.000000	0.0000000
## 3974	1.000000	27.000000	2.0000000
## 3975	8.000000	245.083333	1.0000000
## 3976	3.000000	13.000000	0.0000000
## 3977	0.000000	0.000000	1.0000000
## 3978	0.000000	0.000000	0.0000000
## 3979	4.000000	214.000000	1.0000000
## 3980	3.000000	99.000000	0.0000000
## 3981	0.000000	0.000000	0.0000000
## 3982	5.000000	52.500000	0.0000000
## 3983	0.000000	0.000000	0.0000000
## 3984	0.000000	0.000000	0.0000000
## 3985	0.000000	0.000000	0.0000000
## 3986	0.000000	0.000000	0.0000000
## 3987	5.000000	142.500000	1.0000000
## 3988	1.000000	4.000000	0.0000000

## 3989	0.000000	0.000000	0.0000000
## 3990	0.000000	0.000000	0.0000000
## 3991	3.000000	37.000000	1.0000000
## 3992	0.000000	0.000000	0.0000000
## 3993	0.000000	0.000000	0.0000000
## 3994	5.000000	543.000000	6.0000000
## 3995	0.000000	0.000000	0.0000000
## 3996	0.000000	0.000000	0.0000000
## 3997	5.000000	79.000000	1.0000000
## 3998	0.000000	0.000000	0.0000000
## 3999	0.000000	0.000000	0.0000000
## 4000	0.000000	0.000000	0.0000000
## 4001	8.000000	143.166667	1.0000000
## 4002	0.000000	0.000000	0.0000000
## 4003	0.000000	0.000000	0.0000000
## 4004	2.000000	738.000000	0.0000000
## 4005	4.000000	132.000000	0.0000000
## 4006	2.000000	9.166667	2.0000000
## 4007	8.000000	245.166667	2.0000000
## 4008	0.000000	0.000000	0.0000000
## 4009	0.000000	0.000000	0.0000000
## 4010	8.000000	246.500000	0.0000000
## 4011	0.000000	0.000000	0.0000000
## 4012	4.000000	65.166667	0.0000000
## 4013	7.000000	156.900000	0.0000000
## 4014	0.000000	0.000000	0.0000000
## 4015	4.000000	74.214286	0.0000000
## 4016	0.000000	0.000000	0.0000000
## 4017	5.000000	210.777778	3.0000000
## 4018	0.000000	0.000000	0.0000000
## 4019	0.000000	0.000000	7.0000000
## 4020	3.000000	92.166667	1.0000000
## 4021	3.000000	102.000000	0.0000000
## 4022	1.000000	37.000000	0.0000000
## 4023	0.000000	0.000000	0.0000000
## 4024	0.000000	0.000000	0.0000000
## 4025	2.000000	51.000000	0.0000000
## 4026	3.000000	90.511111	0.0000000
## 4027	0.000000	0.000000	1.0000000
## 4028	2.000000	37.000000	0.0000000
## 4029	8.000000	185.000000	0.0000000
## 4030	0.000000	0.000000	0.0000000
## 4031	0.000000	0.000000	0.0000000
## 4032	0.000000	0.000000	0.0000000
## 4033	0.000000	0.000000	0.0000000
## 4034	1.000000	21.000000	0.0000000
## 4035	0.000000	0.000000	2.0000000
## 4036	0.000000	0.000000	0.0000000
## 4037	0.000000	0.000000	0.0000000
## 4038	3.000000	131.000000	0.0000000
## 4039	1.000000	0.000000	0.0000000
## 4040	0.000000	0.000000	0.0000000
## 4041	0.000000	0.000000	0.0000000
## 4042	0.000000	0.000000	0.0000000

## 4043	4.000000	165.000000	0.0000000
## 4044	1.000000	6.000000	0.0000000
## 4045	1.000000	6.000000	0.0000000
## 4046	3.000000	30.000000	0.0000000
## 4047	3.000000	222.500000	0.0000000
## 4048	0.000000	0.000000	0.0000000
## 4049	2.000000	8.500000	0.0000000
## 4050	15.000000	641.535714	3.0000000
## 4051	0.000000	0.000000	0.0000000
## 4052	0.000000	0.000000	0.0000000
## 4053	10.000000	815.766667	3.0000000
## 4054	7.000000	128.166667	1.0000000
## 4055	0.000000	0.000000	0.0000000
## 4056	6.000000	203.500000	0.0000000
## 4057	10.000000	1271.500000	0.0000000
## 4058	0.000000	0.000000	0.0000000
## 4059	11.000000	494.166667	4.0000000
## 4060	13.000000	313.033333	0.0000000
## 4061	0.000000	0.000000	2.0000000
## 4062	0.000000	0.000000	0.0000000
## 4063	3.000000	61.196429	0.0000000
## 4064	2.000000	10.000000	5.0000000
## 4065	3.000000	602.000000	0.0000000
## 4066	0.000000	0.000000	0.0000000
## 4067	0.000000	0.000000	0.0000000
## 4068	0.000000	0.000000	0.0000000
## 4069	0.000000	0.000000	0.0000000
## 4070	0.000000	0.000000	0.0000000
## 4071	0.000000	0.000000	0.0000000
## 4072	0.000000	0.000000	0.0000000
## 4073	0.000000	0.000000	0.0000000
## 4074	3.000000	19.000000	0.0000000
## 4075	11.000000	157.058333	5.0000000
## 4076	4.000000	203.500000	0.0000000
## 4077	6.000000	99.500000	0.0000000
## 4078	2.000000	279.500000	0.0000000
## 4079	11.000000	334.750000	0.0000000
## 4080	0.000000	0.000000	0.0000000
## 4081	0.000000	0.000000	0.0000000
## 4082	4.000000	144.500000	0.0000000
## 4083	0.000000	0.000000	0.0000000
## 4084	0.000000	0.000000	0.0000000
## 4085	2.000000	282.500000	0.0000000
## 4086	0.000000	0.000000	0.0000000
## 4087	0.000000	0.000000	0.0000000
## 4088	2.000000	46.333333	0.0000000
## 4089	0.000000	0.000000	0.0000000
## 4090	0.000000	0.000000	0.0000000
## 4091	5.000000	321.666667	7.0000000
## 4092	0.000000	0.000000	0.0000000
## 4093	0.000000	0.000000	1.0000000
## 4094	2.000000	29.000000	0.0000000
## 4095	7.000000	84.666667	2.0000000
## 4096	3.000000	54.000000	0.0000000

## 4097	0.000000	0.000000	0.0000000
## 4098	4.000000	94.000000	0.0000000
## 4099	1.000000	70.000000	0.0000000
## 4100	0.000000	0.000000	0.0000000
## 4101	0.000000	0.000000	0.0000000
## 4102	10.000000	253.900000	7.0000000
## 4103	0.000000	0.000000	0.0000000
## 4104	0.000000	0.000000	0.0000000
## 4105	2.000000	44.000000	2.0000000
## 4106	0.000000	0.000000	0.0000000
## 4107	7.000000	105.750000	0.0000000
## 4108	0.000000	0.000000	0.0000000
## 4109	8.000000	117.500000	0.0000000
## 4110	0.000000	0.000000	0.0000000
## 4111	0.000000	0.000000	0.0000000
## 4112	1.000000	512.000000	0.0000000
## 4113	2.000000	100.000000	1.0000000
## 4114	0.000000	0.000000	0.0000000
## 4115	0.000000	0.000000	0.0000000
## 4116	10.000000	196.000000	0.0000000
## 4117	17.000000	975.750000	0.0000000
## 4118	1.000000	7.000000	1.0000000
## 4119	0.000000	0.000000	0.0000000
## 4120	0.000000	0.000000	0.0000000
## 4121	2.000000	143.800000	1.0000000
## 4122	0.000000	0.000000	0.0000000
## 4123	3.000000	32.000000	0.0000000
## 4124	7.000000	129.666667	3.0000000
## 4125	10.000000	323.550000	0.0000000
## 4126	0.000000	0.000000	0.0000000
## 4127	4.000000	198.500000	0.0000000
## 4128	4.000000	153.250000	0.0000000
## 4129	0.000000	0.000000	0.0000000
## 4130	1.000000	0.000000	2.0000000
## 4131	0.000000	0.000000	0.0000000
## 4132	5.000000	99.000000	0.0000000
## 4133	1.000000	5.000000	0.0000000
## 4134	4.000000	109.500000	0.0000000
## 4135	0.000000	0.000000	0.0000000
## 4136	7.000000	1474.500000	2.0000000
## 4137	2.000000	38.000000	0.0000000
## 4138	5.000000	73.000000	0.0000000
## 4139	0.000000	0.000000	0.0000000
## 4140	3.000000	19.333333	0.0000000
## 4141	0.000000	0.000000	0.0000000
## 4142	10.000000	464.150000	4.0000000
## 4143	0.000000	0.000000	0.0000000
## 4144	0.000000	0.000000	1.0000000
## 4145	0.000000	0.000000	0.0000000
## 4146	0.000000	0.000000	0.0000000
## 4147	1.000000	0.000000	0.0000000
## 4148	0.000000	0.000000	0.0000000
## 4149	6.000000	523.333333	3.0000000
## 4150	6.000000	162.500000	0.0000000

## 4151	0.000000	0.000000	0.000000
## 4152	2.000000	42.000000	0.000000
## 4153	0.000000	0.000000	0.000000
## 4154	1.000000	4.000000	0.000000
## 4155	0.000000	0.000000	0.000000
## 4156	2.000000	173.000000	0.000000
## 4157	0.000000	0.000000	0.000000
## 4158	3.000000	45.000000	0.000000
## 4159	0.000000	0.000000	0.000000
## 4160	0.000000	0.000000	0.000000
## 4161	1.000000	4.000000	0.000000
## 4162	0.000000	0.000000	0.000000
## 4163	8.000000	77.000000	0.000000
## 4164	0.000000	0.000000	0.000000
## 4165	4.000000	98.000000	1.000000
## 4166	1.000000	15.000000	0.000000
## 4167	0.000000	0.000000	0.000000
## 4168	0.000000	0.000000	0.000000
## 4169	8.000000	31.100000	11.000000
## 4170	4.000000	76.166667	0.000000
## 4171	0.000000	0.000000	0.000000
## 4172	0.000000	0.000000	1.000000
## 4173	9.000000	299.633333	4.000000
## 4174	1.000000	4.000000	0.000000
## 4175	0.000000	0.000000	0.000000
## 4176	8.000000	433.100000	2.000000
## 4177	3.000000	35.333333	0.000000
## 4178	0.000000	0.000000	0.000000
## 4179	0.000000	0.000000	0.000000
## 4180	0.000000	0.000000	0.000000
## 4181	1.000000	14.000000	0.000000
## 4182	0.000000	0.000000	0.000000
## 4183	0.000000	0.000000	1.000000
## 4184	0.000000	0.000000	0.000000
## 4185	0.000000	0.000000	0.000000
## 4186	0.000000	0.000000	1.000000
## 4187	2.000000	10.000000	1.000000
## 4188	6.000000	140.333333	0.000000
## 4189	4.000000	127.000000	0.000000
## 4190	5.000000	200.000000	1.000000
## 4191	0.000000	0.000000	0.000000
## 4192	4.000000	44.500000	0.000000
## 4193	4.000000	63.000000	0.000000
## 4194	5.000000	77.500000	0.000000
## 4195	3.000000	270.000000	1.000000
## 4196	0.000000	0.000000	0.000000
## 4197	0.000000	0.000000	0.000000
## 4198	0.000000	0.000000	0.000000
## 4199	9.000000	104.985714	0.000000
## 4200	3.000000	117.000000	0.000000
## 4201	8.000000	57.500000	0.000000
## 4202	2.000000	310.857143	3.000000
## 4203	2.000000	37.000000	0.000000
## 4204	2.000000	88.000000	2.000000

## 4205	8.000000	732.250000	0.0000000
## 4206	0.000000	0.000000	0.0000000
## 4207	0.000000	0.000000	0.0000000
## 4208	4.000000	126.500000	0.0000000
## 4209	1.000000	9.000000	0.0000000
## 4210	10.000000	139.500000	0.0000000
## 4211	1.000000	42.000000	1.0000000
## 4212	0.000000	0.000000	0.0000000
## 4213	0.000000	0.000000	1.0000000
## 4214	9.000000	216.750000	0.0000000
## 4215	8.000000	321.600000	0.0000000
## 4216	1.000000	9.000000	0.0000000
## 4217	9.000000	666.000000	0.0000000
## 4218	0.000000	0.000000	0.0000000
## 4219	0.000000	0.000000	0.0000000
## 4220	8.000000	332.666667	8.0000000
## 4221	2.000000	115.000000	5.0000000
## 4222	3.000000	17.000000	0.0000000
## 4223	2.000000	45.000000	0.0000000
## 4224	3.000000	59.000000	0.0000000
## 4225	0.000000	0.000000	1.0000000
## 4226	1.000000	11.000000	0.0000000
## 4227	5.000000	661.000000	3.0000000
## 4228	0.000000	0.000000	0.0000000
## 4229	0.000000	0.000000	1.0000000
## 4230	0.000000	0.000000	0.0000000
## 4231	0.000000	0.000000	0.0000000
## 4232	1.000000	24.000000	0.0000000
## 4233	0.000000	0.000000	0.0000000
## 4234	0.000000	0.000000	0.0000000
## 4235	0.000000	0.000000	0.0000000
## 4236	0.000000	0.000000	0.0000000
## 4237	4.000000	259.000000	1.0000000
## 4238	0.000000	0.000000	0.0000000
## 4239	4.000000	46.000000	1.0000000
## 4240	0.000000	0.000000	0.0000000
## 4241	15.000000	591.663636	0.0000000
## 4242	0.000000	0.000000	1.0000000
## 4243	8.000000	228.833333	1.0000000
## 4244	0.000000	0.000000	0.0000000
## 4245	0.000000	0.000000	0.0000000
## 4246	0.000000	0.000000	0.0000000
## 4247	0.000000	0.000000	0.0000000
## 4248	0.000000	0.000000	0.0000000
## 4249	1.000000	18.000000	0.0000000
## 4250	0.000000	0.000000	0.0000000
## 4251	0.000000	0.000000	1.0000000
## 4252	0.000000	0.000000	0.0000000
## 4253	0.000000	0.000000	0.0000000
## 4254	4.000000	221.000000	0.0000000
## 4255	1.000000	0.000000	0.0000000
## 4256	0.000000	0.000000	0.0000000
## 4257	0.000000	0.000000	0.0000000
## 4258	15.000000	370.275000	12.0000000

## 4259	6.000000	34.400000	0.0000000
## 4260	0.000000	0.000000	0.0000000
## 4261	0.000000	0.000000	0.0000000
## 4262	6.000000	200.333333	0.0000000
## 4263	7.000000	214.333333	5.0000000
## 4264	0.000000	0.000000	0.0000000
## 4265	9.000000	208.400000	0.0000000
## 4266	0.000000	0.000000	0.0000000
## 4267	0.000000	0.000000	0.0000000
## 4268	9.000000	779.355662	4.0000000
## 4269	1.000000	9.500000	0.0000000
## 4270	0.000000	0.000000	0.0000000
## 4271	8.000000	172.200000	0.0000000
## 4272	0.000000	0.000000	0.0000000
## 4273	9.000000	64.088235	1.0000000
## 4274	4.000000	160.583333	1.0000000
## 4275	5.000000	62.000000	0.0000000
## 4276	0.000000	0.000000	0.0000000
## 4277	0.000000	0.000000	0.0000000
## 4278	2.000000	67.000000	0.0000000
## 4279	0.000000	0.000000	0.0000000
## 4280	0.000000	0.000000	0.0000000
## 4281	0.000000	0.000000	0.0000000
## 4282	0.000000	0.000000	0.0000000
## 4283	5.000000	262.500000	0.0000000
## 4284	0.000000	0.000000	0.0000000
## 4285	0.000000	0.000000	0.0000000
## 4286	0.000000	0.000000	0.0000000
## 4287	2.000000	39.500000	4.0000000
## 4288	4.000000	87.000000	0.0000000
## 4289	4.000000	244.000000	0.0000000
## 4290	0.000000	0.000000	0.0000000
## 4291	1.000000	21.000000	0.0000000
## 4292	0.000000	0.000000	0.0000000
## 4293	10.000000	293.000000	0.0000000
## 4294	7.000000	340.611111	2.0000000
## 4295	3.000000	30.500000	0.0000000
## 4296	1.000000	3.000000	0.0000000
## 4297	0.000000	0.000000	0.0000000
## 4298	4.000000	89.500000	0.0000000
## 4299	8.000000	137.075000	0.0000000
## 4300	7.000000	157.500000	1.0000000
## 4301	0.000000	0.000000	0.0000000
## 4302	0.000000	0.000000	0.0000000
## 4303	4.000000	45.000000	0.0000000
## 4304	0.000000	0.000000	0.0000000
## 4305	0.000000	0.000000	0.0000000
## 4306	0.000000	0.000000	0.0000000
## 4307	0.000000	0.000000	0.0000000
## 4308	0.000000	0.000000	0.0000000
## 4309	2.000000	88.000000	0.0000000
## 4310	0.000000	0.000000	0.0000000
## 4311	1.000000	87.000000	0.0000000
## 4312	3.000000	106.000000	0.0000000

## 4313	9.000000	726.366667	0.0000000
## 4314	1.000000	8.000000	0.0000000
## 4315	1.000000	43.666667	0.0000000
## 4316	0.000000	0.000000	0.0000000
## 4317	0.000000	0.000000	0.0000000
## 4318	14.000000	1261.916667	12.0000000
## 4319	3.000000	74.000000	0.0000000
## 4320	2.000000	59.000000	0.0000000
## 4321	2.000000	32.000000	2.0000000
## 4322	0.000000	0.000000	0.0000000
## 4323	7.000000	123.500000	0.0000000
## 4324	4.000000	60.000000	2.0000000
## 4325	0.000000	0.000000	0.0000000
## 4326	0.000000	0.000000	0.0000000
## 4327	0.000000	0.000000	0.0000000
## 4328	6.000000	224.000000	0.0000000
## 4329	8.000000	71.666667	0.0000000
## 4330	0.000000	0.000000	0.0000000
## 4331	2.000000	28.000000	0.0000000
## 4332	0.000000	0.000000	0.0000000
## 4333	4.000000	61.500000	0.0000000
## 4334	1.000000	2.000000	1.0000000
## 4335	0.000000	0.000000	0.0000000
## 4336	1.000000	0.000000	0.0000000
## 4337	0.000000	0.000000	0.0000000
## 4338	16.000000	770.600000	0.0000000
## 4339	0.000000	0.000000	0.0000000
## 4340	1.000000	101.000000	0.0000000
## 4341	6.000000	186.866667	0.0000000
## 4342	0.000000	0.000000	0.0000000
## 4343	2.000000	53.500000	0.0000000
## 4344	0.000000	0.000000	0.0000000
## 4345	4.000000	82.666667	0.0000000
## 4346	0.000000	0.000000	0.0000000
## 4347	10.000000	236.900000	0.0000000
## 4348	0.000000	0.000000	0.0000000
## 4349	0.000000	0.000000	0.0000000
## 4350	5.000000	39.000000	2.0000000
## 4351	1.000000	194.000000	0.0000000
## 4352	2.000000	44.000000	0.0000000
## 4353	0.000000	0.000000	0.0000000
## 4354	0.000000	0.000000	0.0000000
## 4355	0.000000	0.000000	0.0000000
## 4356	9.000000	424.000000	0.0000000
## 4357	0.000000	0.000000	0.0000000
## 4358	8.000000	62.500000	0.0000000
## 4359	0.000000	0.000000	0.0000000
## 4360	4.000000	134.500000	2.0000000
## 4361	0.000000	0.000000	0.0000000
## 4362	6.000000	253.750000	3.0000000
## 4363	5.000000	76.333333	2.0000000
## 4364	0.000000	0.000000	0.0000000
## 4365	0.000000	0.000000	0.0000000
## 4366	4.000000	158.000000	0.0000000

## 4367	0.000000	0.000000	0.0000000
## 4368	3.000000	53.000000	0.0000000
## 4369	7.000000	161.250000	1.0000000
## 4370	2.000000	471.500000	5.0000000
## 4371	10.000000	62.500000	1.0000000
## 4372	3.000000	135.500000	0.0000000
## 4373	0.000000	0.000000	1.0000000
## 4374	0.000000	0.000000	0.0000000
## 4375	3.000000	80.000000	1.0000000
## 4376	4.000000	75.000000	0.0000000
## 4377	2.000000	57.000000	0.0000000
## 4378	0.000000	0.000000	0.0000000
## 4379	6.000000	75.000000	0.0000000
## 4380	1.000000	89.000000	0.0000000
## 4381	13.000000	313.090909	4.0000000
## 4382	3.000000	137.566667	2.0000000
## 4383	0.000000	0.000000	0.0000000
## 4384	5.000000	47.071429	0.0000000
## 4385	0.000000	0.000000	0.0000000
## 4386	0.000000	0.000000	0.0000000
## 4387	6.000000	132.000000	1.0000000
## 4388	3.000000	46.000000	3.0000000
## 4389	2.000000	273.000000	1.0000000
## 4390	0.000000	0.000000	0.0000000
## 4391	3.000000	105.000000	0.0000000
## 4392	1.000000	3.000000	0.0000000
## 4393	0.000000	0.000000	0.0000000
## 4394	3.000000	109.000000	0.0000000
## 4395	0.000000	0.000000	0.0000000
## 4396	1.000000	19.000000	0.0000000
## 4397	0.000000	0.000000	0.0000000
## 4398	0.000000	0.000000	0.0000000
## 4399	2.000000	0.000000	0.0000000
## 4400	3.000000	405.166667	2.0000000
## 4401	0.000000	0.000000	0.0000000
## 4402	0.000000	0.000000	0.0000000
## 4403	3.000000	25.400000	0.0000000
## 4404	1.000000	52.000000	0.0000000
## 4405	1.000000	0.000000	0.0000000
## 4406	4.000000	174.000000	0.0000000
## 4407	0.000000	0.000000	0.0000000
## 4408	0.000000	0.000000	0.0000000
## 4409	9.000000	406.416667	0.0000000
## 4410	1.000000	6.400000	0.0000000
## 4411	0.000000	0.000000	0.0000000
## 4412	0.000000	0.000000	0.0000000
## 4413	1.000000	18.000000	0.0000000
## 4414	0.000000	0.000000	0.0000000
## 4415	0.000000	0.000000	0.0000000
## 4416	1.000000	63.000000	0.0000000
## 4417	0.000000	0.000000	0.0000000
## 4418	0.000000	0.000000	0.0000000
## 4419	1.000000	0.000000	0.0000000
## 4420	0.000000	0.000000	0.0000000

## 4421	2.000000	179.000000	1.0000000
## 4422	7.000000	271.333333	0.0000000
## 4423	0.000000	0.000000	0.0000000
## 4424	0.000000	0.000000	0.0000000
## 4425	7.000000	280.000000	0.0000000
## 4426	3.000000	168.000000	1.0000000
## 4427	3.000000	48.000000	0.0000000
## 4428	0.000000	0.000000	0.0000000
## 4429	8.000000	674.000000	0.0000000
## 4430	0.000000	0.000000	0.0000000
## 4431	7.000000	40.500000	0.0000000
## 4432	2.000000	820.000000	0.0000000
## 4433	0.000000	0.000000	0.0000000
## 4434	0.000000	0.000000	0.0000000
## 4435	0.000000	0.000000	0.0000000
## 4436	4.000000	104.000000	1.0000000
## 4437	1.000000	108.000000	0.0000000
## 4438	4.000000	64.500000	0.0000000
## 4439	0.000000	0.000000	0.0000000
## 4440	1.000000	18.000000	0.0000000
## 4441	9.000000	255.866667	0.0000000
## 4442	3.000000	209.000000	0.0000000
## 4443	0.000000	0.000000	0.0000000
## 4444	1.000000	37.000000	0.0000000
## 4445	22.000000	1951.279141	1.0000000
## 4446	0.000000	0.000000	1.0000000
## 4447	6.000000	70.500000	2.0000000
## 4448	0.000000	0.000000	0.0000000
## 4449	1.000000	132.000000	0.0000000
## 4450	0.000000	0.000000	0.0000000
## 4451	13.000000	318.720238	1.0000000
## 4452	9.000000	98.944444	1.0000000
## 4453	0.000000	0.000000	0.0000000
## 4454	5.000000	215.500000	0.0000000
## 4455	0.000000	0.000000	0.0000000
## 4456	2.000000	17.000000	2.0000000
## 4457	15.000000	365.111111	4.0000000
## 4458	0.000000	0.000000	0.0000000
## 4459	0.000000	0.000000	0.0000000
## 4460	0.000000	0.000000	0.0000000
## 4461	0.000000	0.000000	0.0000000
## 4462	0.000000	0.000000	0.0000000
## 4463	0.000000	0.000000	2.0000000
## 4464	0.000000	0.000000	0.0000000
## 4465	0.000000	0.000000	0.0000000
## 4466	4.000000	84.000000	3.0000000
## 4467	3.000000	119.000000	0.0000000
## 4468	5.000000	84.333333	1.0000000
## 4469	0.000000	0.000000	0.0000000
## 4470	0.000000	0.000000	0.0000000
## 4471	0.000000	0.000000	0.0000000
## 4472	3.000000	118.000000	0.0000000
## 4473	0.000000	0.000000	0.0000000
## 4474	0.000000	0.000000	0.0000000

## 4475	4.000000	36.000000	0.0000000
## 4476	6.000000	108.000000	2.0000000
## 4477	2.000000	10.000000	1.0000000
## 4478	3.000000	377.000000	0.0000000
## 4479	2.000000	33.000000	0.0000000
## 4480	4.000000	155.000000	0.0000000
## 4481	3.000000	17.000000	0.0000000
## 4482	5.000000	136.000000	0.0000000
## 4483	1.000000	4.000000	0.0000000
## 4484	0.000000	0.000000	0.0000000
## 4485	6.000000	98.833333	1.0000000
## 4486	0.000000	0.000000	1.0000000
## 4487	0.000000	0.000000	0.0000000
## 4488	0.000000	0.000000	0.0000000
## 4489	0.000000	0.000000	1.0000000
## 4490	1.000000	43.000000	0.0000000
## 4491	12.000000	633.500000	0.0000000
## 4492	0.000000	0.000000	0.0000000
## 4493	0.000000	0.000000	0.0000000
## 4494	0.000000	0.000000	0.0000000
## 4495	1.000000	23.000000	2.0000000
## 4496	0.000000	0.000000	3.0000000
## 4497	0.000000	0.000000	0.0000000
## 4498	2.000000	45.000000	2.0000000
## 4499	0.000000	0.000000	0.0000000
## 4500	1.000000	0.000000	0.0000000
## 4501	2.000000	51.000000	0.0000000
## 4502	5.000000	47.333333	0.0000000
## 4503	3.000000	73.500000	8.0000000
## 4504	0.000000	0.000000	0.0000000
## 4505	0.000000	0.000000	0.0000000
## 4506	0.000000	0.000000	0.0000000
## 4507	0.000000	0.000000	0.0000000
## 4508	5.000000	109.833333	1.0000000
## 4509	3.000000	738.400000	0.0000000
## 4510	0.000000	0.000000	0.0000000
## 4511	8.000000	178.166667	1.0000000
## 4512	0.000000	0.000000	0.0000000
## 4513	4.000000	173.250000	0.0000000
## 4514	0.000000	0.000000	3.0000000
## 4515	6.000000	102.500000	1.0000000
## 4516	0.000000	0.000000	1.0000000
## 4517	0.000000	0.000000	0.0000000
## 4518	0.000000	0.000000	0.0000000
## 4519	0.000000	0.000000	0.0000000
## 4520	6.000000	281.333333	3.0000000
## 4521	0.000000	0.000000	0.0000000
## 4522	3.000000	75.000000	0.0000000
## 4523	0.000000	0.000000	0.0000000
## 4524	0.000000	0.000000	0.0000000
## 4525	0.000000	0.000000	0.0000000
## 4526	3.000000	515.000000	0.0000000
## 4527	0.000000	0.000000	0.0000000
## 4528	3.000000	195.000000	0.0000000

## 4529	2.000000	31.333333	2.0000000
## 4530	0.000000	0.000000	0.0000000
## 4531	0.000000	0.000000	0.0000000
## 4532	0.000000	0.000000	0.0000000
## 4533	4.000000	183.000000	1.0000000
## 4534	0.000000	0.000000	0.0000000
## 4535	0.000000	0.000000	0.0000000
## 4536	11.000000	1064.000000	1.0000000
## 4537	0.000000	0.000000	0.0000000
## 4538	9.000000	208.266667	0.0000000
## 4539	0.000000	0.000000	0.0000000
## 4540	0.000000	0.000000	0.0000000
## 4541	3.000000	14.500000	0.0000000
## 4542	0.000000	0.000000	0.0000000
## 4543	4.000000	112.000000	0.0000000
## 4544	4.000000	103.000000	0.0000000
## 4545	0.000000	0.000000	0.0000000
## 4546	5.000000	69.500000	0.0000000
## 4547	0.000000	0.000000	0.0000000
## 4548	3.000000	334.600000	0.0000000
## 4549	0.000000	0.000000	0.0000000
## 4550	2.000000	29.000000	1.0000000
## 4551	5.000000	115.111111	2.0000000
## 4552	0.000000	0.000000	0.0000000
## 4553	0.000000	0.000000	0.0000000
## 4554	0.000000	0.000000	0.0000000
## 4555	0.000000	0.000000	0.0000000
## 4556	2.000000	51.666667	0.0000000
## 4557	5.000000	78.400000	0.0000000
## 4558	2.000000	58.000000	0.0000000
## 4559	0.000000	0.000000	0.0000000
## 4560	0.000000	0.000000	0.0000000
## 4561	0.000000	0.000000	0.0000000
## 4562	0.000000	0.000000	0.0000000
## 4563	0.000000	0.000000	0.0000000
## 4564	0.000000	0.000000	0.0000000
## 4565	8.000000	50.750000	1.0000000
## 4566	0.000000	0.000000	0.0000000
## 4567	4.000000	15.000000	1.0000000
## 4568	0.000000	0.000000	0.0000000
## 4569	0.000000	0.000000	0.0000000
## 4570	0.000000	0.000000	0.0000000
## 4571	0.000000	0.000000	0.0000000
## 4572	4.000000	99.291667	0.0000000
## 4573	0.000000	0.000000	0.0000000
## 4574	0.000000	0.000000	0.0000000
## 4575	0.000000	0.000000	0.0000000
## 4576	3.000000	99.000000	0.0000000
## 4577	7.000000	624.200000	3.0000000
## 4578	3.000000	96.000000	0.0000000
## 4579	0.000000	0.000000	0.0000000
## 4580	6.000000	1279.500000	0.0000000
## 4581	0.000000	0.000000	0.0000000
## 4582	3.000000	34.000000	1.0000000

## 4583	0.000000	0.000000	0.0000000
## 4584	1.000000	174.000000	0.0000000
## 4585	0.000000	0.000000	0.0000000
## 4586	6.000000	49.183333	0.0000000
## 4587	0.000000	0.000000	0.0000000
## 4588	0.000000	0.000000	0.0000000
## 4589	0.000000	0.000000	0.0000000
## 4590	10.000000	237.833333	2.0000000
## 4591	2.000000	15.000000	0.0000000
## 4592	0.000000	0.000000	2.0000000
## 4593	5.000000	91.500000	0.0000000
## 4594	0.000000	0.000000	0.0000000
## 4595	0.000000	0.000000	0.0000000
## 4596	0.000000	0.000000	0.0000000
## 4597	0.000000	0.000000	0.0000000
## 4598	8.000000	228.500000	0.0000000
## 4599	10.000000	268.166667	0.0000000
## 4600	0.000000	0.000000	0.0000000
## 4601	0.000000	0.000000	0.0000000
## 4602	0.000000	0.000000	0.0000000
## 4603	1.000000	54.000000	0.0000000
## 4604	0.000000	0.000000	0.0000000
## 4605	7.000000	147.790769	2.0000000
## 4606	4.000000	141.761905	0.0000000
## 4607	0.000000	0.000000	0.0000000
## 4608	0.000000	0.000000	0.0000000
## 4609	11.000000	82.234848	0.0000000
## 4610	0.000000	0.000000	0.0000000
## 4611	0.000000	0.000000	0.0000000
## 4612	0.000000	0.000000	0.0000000
## 4613	7.000000	213.433333	0.0000000
## 4614	5.000000	176.000000	0.0000000
## 4615	5.000000	454.000000	1.0000000
## 4616	16.000000	313.866667	3.0000000
## 4617	3.000000	25.200000	0.0000000
## 4618	3.000000	152.000000	0.0000000
## 4619	0.000000	0.000000	0.0000000
## 4620	0.000000	0.000000	0.0000000
## 4621	0.000000	0.000000	0.0000000
## 4622	1.000000	40.250000	0.0000000
## 4623	3.000000	39.500000	2.0000000
## 4624	1.000000	31.000000	2.0000000
## 4625	0.000000	0.000000	0.0000000
## 4626	0.000000	0.000000	0.0000000
## 4627	0.000000	0.000000	0.0000000
## 4628	5.000000	46.000000	1.0000000
## 4629	1.000000	32.000000	0.0000000
## 4630	5.000000	43.750000	1.0000000
## 4631	4.000000	182.000000	0.0000000
## 4632	5.000000	248.800000	4.0000000
## 4633	1.000000	15.000000	1.0000000
## 4634	0.000000	0.000000	0.0000000
## 4635	13.000000	189.221515	3.0000000
## 4636	0.000000	0.000000	0.0000000

## 4637	4.000000	89.800000	1.0000000
## 4638	0.000000	0.000000	0.0000000
## 4639	0.000000	0.000000	0.0000000
## 4640	0.000000	0.000000	0.0000000
## 4641	0.000000	0.000000	0.0000000
## 4642	3.000000	61.666667	0.0000000
## 4643	1.000000	101.000000	0.0000000
## 4644	0.000000	0.000000	0.0000000
## 4645	1.000000	113.666667	1.0000000
## 4646	0.000000	0.000000	0.0000000
## 4647	0.000000	0.000000	2.0000000
## 4648	0.000000	0.000000	0.0000000
## 4649	1.000000	19.333333	1.0000000
## 4650	0.000000	0.000000	0.0000000
## 4651	4.000000	75.000000	0.0000000
## 4652	0.000000	0.000000	0.0000000
## 4653	0.000000	0.000000	0.0000000
## 4654	0.000000	0.000000	1.0000000
## 4655	0.000000	0.000000	0.0000000
## 4656	0.000000	0.000000	0.0000000
## 4657	1.000000	4.000000	0.0000000
## 4658	0.000000	0.000000	0.0000000
## 4659	3.000000	51.000000	3.0000000
## 4660	7.000000	989.900000	0.0000000
## 4661	0.000000	0.000000	0.0000000
## 4662	1.000000	5.000000	0.0000000
## 4663	2.000000	67.666667	1.0000000
## 4664	0.000000	0.000000	0.0000000
## 4665	0.000000	0.000000	0.0000000
## 4666	0.000000	0.000000	0.0000000
## 4667	4.000000	298.000000	1.0000000
## 4668	0.000000	0.000000	0.0000000
## 4669	2.000000	107.000000	0.0000000
## 4670	0.000000	0.000000	0.0000000
## 4671	0.000000	0.000000	0.0000000
## 4672	0.000000	0.000000	0.0000000
## 4673	0.000000	0.000000	0.0000000
## 4674	0.000000	0.000000	0.0000000
## 4675	3.000000	61.000000	0.0000000
## 4676	0.000000	0.000000	0.0000000
## 4677	5.000000	75.892857	0.0000000
## 4678	0.000000	0.000000	0.0000000
## 4679	3.000000	37.500000	0.0000000
## 4680	0.000000	0.000000	0.0000000
## 4681	0.000000	0.000000	0.0000000
## 4682	0.000000	0.000000	0.0000000
## 4683	1.000000	36.000000	0.0000000
## 4684	5.000000	123.500000	2.0000000
## 4685	1.000000	116.000000	0.0000000
## 4686	8.000000	127.700000	3.0000000
## 4687	2.000000	54.000000	0.0000000
## 4688	2.000000	24.000000	0.0000000
## 4689	1.000000	19.000000	0.0000000
## 4690	0.000000	0.000000	0.0000000

## 4691	0.000000	0.000000	0.000000
## 4692	0.000000	0.000000	0.000000
## 4693	6.000000	98.666667	3.000000
## 4694	1.000000	31.000000	2.000000
## 4695	4.000000	139.000000	1.000000
## 4696	1.000000	24.000000	1.000000
## 4697	2.000000	37.000000	0.000000
## 4698	0.000000	0.000000	2.000000
## 4699	0.000000	0.000000	0.000000
## 4700	0.000000	0.000000	2.000000
## 4701	1.000000	2.000000	0.000000
## 4702	1.000000	0.000000	0.000000
## 4703	0.000000	0.000000	0.000000
## 4704	6.000000	141.500000	3.000000
## 4705	2.000000	86.000000	0.000000
## 4706	0.000000	0.000000	0.000000
## 4707	0.000000	0.000000	0.000000
## 4708	0.000000	0.000000	0.000000
## 4709	7.000000	149.916667	0.000000
## 4710	1.000000	21.000000	0.000000
## 4711	0.000000	0.000000	0.000000
## 4712	1.000000	5.000000	0.000000
## 4713	8.000000	26.416667	1.000000
## 4714	0.000000	0.000000	0.000000
## 4715	2.000000	48.833333	6.000000
## 4716	4.000000	88.628571	0.000000
## 4717	0.000000	0.000000	0.000000
## 4718	0.000000	0.000000	0.000000
## 4719	2.000000	52.000000	0.000000
## 4720	0.000000	0.000000	0.000000
## 4721	7.000000	119.000000	0.000000
## 4722	3.000000	39.000000	0.000000
## 4723	12.000000	81.222222	0.000000
## 4724	0.000000	0.000000	1.000000
## 4725	0.000000	0.000000	0.000000
## 4726	4.000000	91.333333	0.000000
## 4727	0.000000	0.000000	0.000000
## 4728	9.000000	181.375000	0.000000
## 4729	0.000000	0.000000	0.000000
## 4730	4.000000	115.000000	0.000000
## 4731	1.000000	17.000000	0.000000
## 4732	3.000000	74.000000	0.000000
## 4733	6.000000	135.500000	0.000000
## 4734	0.000000	-1.000000	0.000000
## 4735	0.000000	0.000000	0.000000
## 4736	0.000000	0.000000	0.000000
## 4737	6.000000	561.000000	0.000000
## 4738	0.000000	0.000000	0.000000
## 4739	0.000000	0.000000	0.000000
## 4740	5.000000	60.000000	1.000000
## 4741	0.000000	0.000000	0.000000
## 4742	4.000000	114.333333	0.000000
## 4743	2.000000	70.000000	0.000000
## 4744	4.000000	147.333333	0.000000

## 4745	1.000000	5.000000	0.0000000
## 4746	1.000000	56.000000	0.0000000
## 4747	0.000000	0.000000	0.0000000
## 4748	0.000000	0.000000	1.0000000
## 4749	0.000000	0.000000	0.0000000
## 4750	0.000000	0.000000	0.0000000
## 4751	6.000000	394.100000	4.0000000
## 4752	0.000000	0.000000	0.0000000
## 4753	0.000000	0.000000	0.0000000
## 4754	2.000000	56.200000	0.0000000
## 4755	6.000000	104.113636	3.0000000
## 4756	0.000000	0.000000	0.0000000
## 4757	0.000000	0.000000	0.0000000
## 4758	0.000000	0.000000	0.0000000
## 4759	0.000000	0.000000	0.0000000
## 4760	0.000000	0.000000	3.0000000
## 4761	0.000000	0.000000	0.0000000
## 4762	5.000000	1023.000000	0.0000000
## 4763	0.000000	0.000000	0.0000000
## 4764	0.000000	0.000000	0.0000000
## 4765	5.000000	341.400000	0.0000000
## 4766	8.000000	117.023809	2.0000000
## 4767	3.000000	150.000000	0.0000000
## 4768	0.000000	0.000000	0.0000000
## 4769	0.000000	0.000000	0.0000000
## 4770	6.000000	449.250000	0.0000000
## 4771	2.000000	14.000000	2.0000000
## 4772	0.000000	0.000000	0.0000000
## 4773	0.000000	0.000000	0.0000000
## 4774	0.000000	0.000000	2.0000000
## 4775	8.000000	121.166667	0.0000000
## 4776	0.000000	0.000000	0.0000000
## 4777	0.000000	0.000000	0.0000000
## 4778	9.000000	146.250000	0.0000000
## 4779	7.000000	233.000000	0.0000000
## 4780	2.000000	135.000000	0.0000000
## 4781	0.000000	0.000000	0.0000000
## 4782	2.000000	127.000000	0.0000000
## 4783	0.000000	0.000000	0.0000000
## 4784	5.000000	224.583333	5.0000000
## 4785	1.000000	23.000000	0.0000000
## 4786	0.000000	0.000000	0.0000000
## 4787	0.000000	0.000000	0.0000000
## 4788	10.000000	268.000000	2.0000000
## 4789	0.000000	0.000000	0.0000000
## 4790	1.000000	16.000000	0.0000000
## 4791	2.000000	55.000000	1.0000000
## 4792	0.000000	0.000000	0.0000000
## 4793	1.000000	4.000000	0.0000000
## 4794	0.000000	0.000000	0.0000000
## 4795	0.000000	0.000000	0.0000000
## 4796	0.000000	0.000000	0.0000000
## 4797	0.000000	0.000000	0.0000000
## 4798	0.000000	0.000000	0.0000000

## 4799	1.000000	0.000000	3.0000000
## 4800	3.000000	33.000000	0.0000000
## 4801	1.000000	15.000000	1.0000000
## 4802	0.000000	0.000000	0.0000000
## 4803	4.000000	46.400000	0.0000000
## 4804	12.000000	672.095238	2.0000000
## 4805	3.000000	604.500000	6.0000000
## 4806	1.000000	90.000000	0.0000000
## 4807	0.000000	0.000000	0.0000000
## 4808	7.000000	188.166667	0.0000000
## 4809	0.000000	0.000000	0.0000000
## 4810	0.000000	0.000000	0.0000000
## 4811	0.000000	0.000000	0.0000000
## 4812	4.000000	82.000000	0.0000000
## 4813	1.000000	178.000000	0.0000000
## 4814	4.000000	177.000000	0.0000000
## 4815	0.000000	0.000000	0.0000000
## 4816	0.000000	0.000000	1.0000000
## 4817	5.000000	2156.166667	2.0000000
## 4818	0.000000	0.000000	0.0000000
## 4819	0.000000	0.000000	0.0000000
## 4820	0.000000	0.000000	0.0000000
## 4821	5.000000	105.500000	0.0000000
## 4822	6.000000	475.750000	1.0000000
## 4823	0.000000	0.000000	0.0000000
## 4824	1.000000	30.000000	0.0000000
## 4825	6.000000	79.100000	0.0000000
## 4826	0.000000	0.000000	0.0000000
## 4827	0.000000	0.000000	1.0000000
## 4828	1.000000	34.000000	0.0000000
## 4829	0.000000	0.000000	0.0000000
## 4830	6.000000	595.100000	3.0000000
## 4831	0.000000	0.000000	0.0000000
## 4832	7.000000	74.000000	3.0000000
## 4833	6.000000	212.000000	1.0000000
## 4834	3.000000	27.533333	1.0000000
## 4835	4.000000	133.583333	2.0000000
## 4836	11.000000	136.333333	2.0000000
## 4837	9.000000	417.250000	0.0000000
## 4838	0.000000	0.000000	0.0000000
## 4839	1.000000	56.000000	0.0000000
## 4840	4.000000	40.500000	0.0000000
## 4841	0.000000	0.000000	0.0000000
## 4842	0.000000	0.000000	0.0000000
## 4843	0.000000	0.000000	0.0000000
## 4844	0.000000	0.000000	0.0000000
## 4845	0.000000	0.000000	0.0000000
## 4846	0.000000	0.000000	0.0000000
## 4847	0.000000	-1.000000	0.0000000
## 4848	0.000000	0.000000	0.0000000
## 4849	1.000000	90.000000	0.0000000
## 4850	8.000000	114.500000	0.0000000
## 4851	0.000000	0.000000	0.0000000
## 4852	6.000000	124.861111	3.0000000

## 4853	0.000000	0.000000	0.0000000
## 4854	3.000000	54.000000	0.0000000
## 4855	2.000000	47.666667	0.0000000
## 4856	0.000000	0.000000	0.0000000
## 4857	0.000000	0.000000	0.0000000
## 4858	0.000000	0.000000	0.0000000
## 4859	3.000000	60.000000	0.0000000
## 4860	5.000000	236.250000	0.0000000
## 4861	0.000000	0.000000	0.0000000
## 4862	1.000000	6.000000	0.0000000
## 4863	0.000000	0.000000	0.0000000
## 4864	2.000000	57.000000	0.0000000
## 4865	8.000000	57.833333	1.0000000
## 4866	0.000000	0.000000	0.0000000
## 4867	0.000000	0.000000	0.0000000
## 4868	8.000000	440.104167	7.0000000
## 4869	24.000000	290.860369	6.0000000
## 4870	0.000000	0.000000	0.0000000
## 4871	0.000000	0.000000	0.0000000
## 4872	4.000000	80.000000	0.0000000
## 4873	2.000000	17.000000	0.0000000
## 4874	1.000000	4.000000	0.0000000
## 4875	0.000000	0.000000	0.0000000
## 4876	0.000000	0.000000	1.0000000
## 4877	2.000000	683.000000	0.0000000
## 4878	0.000000	0.000000	1.0000000
## 4879	2.000000	11.000000	0.0000000
## 4880	0.000000	0.000000	0.0000000
## 4881	4.000000	91.000000	3.0000000
## 4882	2.000000	115.600000	2.0000000
## 4883	0.000000	0.000000	0.0000000
## 4884	7.000000	170.833333	1.0000000
## 4885	7.000000	67.000000	2.0000000
## 4886	0.000000	0.000000	0.0000000
## 4887	0.000000	0.000000	0.0000000
## 4888	0.000000	0.000000	0.0000000
## 4889	0.000000	0.000000	0.0000000
## 4890	0.000000	0.000000	0.0000000
## 4891	0.000000	0.000000	0.0000000
## 4892	2.000000	42.500000	0.0000000
## 4893	0.000000	0.000000	0.0000000
## 4894	2.000000	4.000000	0.0000000
## 4895	9.000000	105.428571	1.0000000
## 4896	1.000000	22.000000	0.0000000
## 4897	0.000000	0.000000	0.0000000
## 4898	1.000000	78.000000	1.0000000
## 4899	8.000000	197.666667	0.0000000
## 4900	3.000000	148.000000	2.0000000
## 4901	0.000000	0.000000	0.0000000
## 4902	2.000000	0.000000	0.0000000
## 4903	2.000000	27.583333	0.0000000
## 4904	0.000000	0.000000	0.0000000
## 4905	0.000000	0.000000	0.0000000
## 4906	0.000000	0.000000	2.0000000

## 4907	0.000000	0.000000	3.0000000
## 4908	0.000000	0.000000	0.0000000
## 4909	1.000000	14.000000	1.0000000
## 4910	0.000000	0.000000	0.0000000
## 4911	0.000000	0.000000	0.0000000
## 4912	0.000000	0.000000	0.0000000
## 4913	5.000000	81.666667	0.0000000
## 4914	0.000000	0.000000	0.0000000
## 4915	0.000000	0.000000	0.0000000
## 4916	0.000000	0.000000	0.0000000
## 4917	3.000000	47.000000	0.0000000
## 4918	1.000000	55.000000	2.0000000
## 4919	3.000000	470.000000	0.0000000
## 4920	0.000000	0.000000	0.0000000
## 4921	0.000000	0.000000	0.0000000
## 4922	5.000000	73.500000	1.0000000
## 4923	0.000000	0.000000	0.0000000
## 4924	3.000000	120.250000	5.0000000
## 4925	3.000000	156.800000	4.0000000
## 4926	4.000000	417.000000	0.0000000
## 4927	1.000000	7.000000	0.0000000
## 4928	0.000000	0.000000	0.0000000
## 4929	2.000000	11.000000	1.0000000
## 4930	3.000000	285.800000	1.0000000
## 4931	0.000000	0.000000	0.0000000
## 4932	0.000000	0.000000	0.0000000
## 4933	1.000000	7.000000	0.0000000
## 4934	0.000000	0.000000	0.0000000
## 4935	1.000000	28.000000	0.0000000
## 4936	2.000000	1172.000000	0.0000000
## 4937	5.000000	200.500000	0.0000000
## 4938	5.000000	237.250000	0.0000000
## 4939	0.000000	0.000000	0.0000000
## 4940	7.000000	221.000000	0.0000000
## 4941	13.000000	611.047059	7.0000000
## 4942	0.000000	0.000000	0.0000000
## 4943	0.000000	0.000000	0.0000000
## 4944	0.000000	0.000000	0.0000000
## 4945	0.000000	0.000000	3.0000000
## 4946	0.000000	0.000000	0.0000000
## 4947	0.000000	0.000000	0.0000000
## 4948	1.000000	4.000000	0.0000000
## 4949	0.000000	0.000000	0.0000000
## 4950	1.000000	17.000000	4.0000000
## 4951	8.000000	224.000000	0.0000000
## 4952	1.000000	3.000000	0.0000000
## 4953	0.000000	0.000000	0.0000000
## 4954	1.000000	14.000000	1.0000000
## 4955	0.000000	0.000000	0.0000000
## 4956	0.000000	0.000000	2.0000000
## 4957	0.000000	0.000000	0.0000000
## 4958	0.000000	0.000000	0.0000000
## 4959	10.000000	586.648019	3.0000000
## 4960	3.000000	14.000000	0.0000000

## 4961	0.000000	0.000000	0.0000000
## 4962	10.000000	363.333333	0.0000000
## 4963	10.000000	154.791667	2.0000000
## 4964	0.000000	0.000000	0.0000000
## 4965	0.000000	0.000000	0.0000000
## 4966	1.000000	17.500000	0.0000000
## 4967	0.000000	0.000000	2.0000000
## 4968	0.000000	0.000000	0.0000000
## 4969	0.000000	0.000000	0.0000000
## 4970	9.000000	183.708333	1.0000000
## 4971	1.000000	33.000000	1.0000000
## 4972	0.000000	0.000000	2.0000000
## 4973	3.000000	112.000000	0.0000000
## 4974	1.000000	76.000000	0.0000000
## 4975	18.000000	255.716667	0.0000000
## 4976	0.000000	0.000000	0.0000000
## 4977	3.000000	83.000000	0.0000000
## 4978	0.000000	0.000000	0.0000000
## 4979	0.000000	0.000000	0.0000000
## 4980	1.000000	51.000000	0.0000000
## 4981	12.000000	194.036232	3.0000000
## 4982	0.000000	0.000000	0.0000000
## 4983	0.000000	0.000000	0.0000000
## 4984	0.000000	0.000000	0.0000000
## 4985	1.000000	57.000000	3.0000000
## 4986	0.000000	0.000000	0.0000000
## 4987	2.000000	11.500000	0.0000000
## 4988	1.000000	9.000000	1.0000000
## 4989	0.000000	0.000000	0.0000000
## 4990	0.000000	0.000000	0.0000000
## 4991	0.000000	0.000000	0.0000000
## 4992	0.000000	0.000000	0.0000000
## 4993	0.000000	0.000000	0.0000000
## 4994	0.000000	0.000000	0.0000000
## 4995	2.000000	15.000000	0.0000000
## 4996	8.000000	201.333333	2.0000000
## 4997	0.000000	0.000000	0.0000000
## 4998	0.000000	0.000000	0.0000000
## 4999	0.000000	0.000000	0.0000000
## 5000	3.000000	26.000000	0.0000000
## 5001	7.000000	134.750000	0.0000000
## 5002	2.000000	16.000000	0.0000000
## 5003	0.000000	0.000000	0.0000000
## 5004	4.000000	116.000000	1.0000000
## 5005	3.000000	42.000000	0.0000000
## 5006	0.000000	0.000000	0.0000000
## 5007	0.000000	0.000000	0.0000000
## 5008	2.000000	29.000000	1.0000000
## 5009	2.000000	12.000000	0.0000000
## 5010	0.000000	0.000000	0.0000000
## 5011	1.000000	0.000000	1.0000000
## 5012	1.000000	43.000000	0.0000000
## 5013	0.000000	0.000000	0.0000000
## 5014	3.000000	108.000000	0.0000000

## 5015	0.000000	0.000000	0.000000
## 5016	0.000000	0.000000	1.000000
## 5017	3.000000	57.000000	1.000000
## 5018	6.000000	110.000000	0.000000
## 5019	12.000000	310.633333	0.000000
## 5020	4.000000	699.000000	0.000000
## 5021	0.000000	0.000000	0.000000
## 5022	0.000000	0.000000	0.000000
## 5023	8.000000	85.500000	0.000000
## 5024	0.000000	-1.000000	0.000000
## 5025	0.000000	-1.000000	0.000000
## 5026	0.000000	0.000000	0.000000
## 5027	0.000000	0.000000	0.000000
## 5028	2.000000	248.000000	1.000000
## 5029	3.000000	53.000000	2.000000
## 5030	0.000000	0.000000	0.000000
## 5031	9.000000	363.875000	0.000000
## 5032	0.000000	0.000000	0.000000
## 5033	0.000000	0.000000	0.000000
## 5034	1.000000	115.000000	0.000000
## 5035	0.000000	0.000000	0.000000
## 5036	0.000000	-1.000000	0.000000
## 5037	1.000000	11.000000	0.000000
## 5038	0.000000	0.000000	0.000000
## 5039	0.000000	0.000000	0.000000
## 5040	8.000000	274.500000	0.000000
## 5041	0.000000	0.000000	0.000000
## 5042	0.000000	0.000000	0.000000
## 5043	2.000000	178.000000	0.000000
## 5044	6.000000	17.000000	0.000000
## 5045	5.000000	78.000000	0.000000
## 5046	0.000000	0.000000	0.000000
## 5047	0.000000	0.000000	0.000000
## 5048	0.000000	0.000000	0.000000
## 5049	0.000000	0.000000	0.000000
## 5050	0.000000	0.000000	0.000000
## 5051	5.000000	188.000000	0.000000
## 5052	1.000000	-1.000000	0.000000
## 5053	0.000000	0.000000	0.000000
## 5054	0.000000	0.000000	0.000000
## 5055	5.000000	75.000000	0.000000
## 5056	4.000000	38.305556	0.000000
## 5057	0.000000	0.000000	0.000000
## 5058	5.000000	130.333333	1.000000
## 5059	1.000000	28.000000	0.000000
## 5060	1.000000	273.000000	2.000000
## 5061	0.000000	0.000000	0.000000
## 5062	0.000000	0.000000	0.000000
## 5063	6.000000	89.000000	1.000000
## 5064	0.000000	0.000000	0.000000
## 5065	0.000000	0.000000	0.000000
## 5066	0.000000	0.000000	0.000000
## 5067	5.000000	131.995614	0.000000
## 5068	4.000000	147.666667	2.000000

## 5069	1.000000	18.500000	0.0000000
## 5070	2.000000	78.000000	0.0000000
## 5071	0.000000	0.000000	0.0000000
## 5072	3.000000	26.000000	0.0000000
## 5073	9.000000	249.500000	0.0000000
## 5074	7.000000	356.000000	1.0000000
## 5075	0.000000	0.000000	0.0000000
## 5076	2.000000	25.000000	0.0000000
## 5077	6.000000	169.566667	0.0000000
## 5078	6.000000	46.272727	0.0000000
## 5079	4.000000	74.333333	3.0000000
## 5080	17.000000	2629.253968	24.0000000
## 5081	3.000000	92.000000	0.0000000
## 5082	0.000000	0.000000	0.0000000
## 5083	0.000000	0.000000	0.0000000
## 5084	0.000000	0.000000	0.0000000
## 5085	0.000000	0.000000	0.0000000
## 5086	2.000000	79.500000	2.0000000
## 5087	2.000000	70.666667	1.0000000
## 5088	0.000000	0.000000	0.0000000
## 5089	9.000000	150.000000	0.0000000
## 5090	2.000000	46.500000	1.0000000
## 5091	0.000000	0.000000	0.0000000
## 5092	0.000000	0.000000	0.0000000
## 5093	0.000000	0.000000	0.0000000
## 5094	1.000000	44.000000	0.0000000
## 5095	0.000000	0.000000	0.0000000
## 5096	0.000000	0.000000	0.0000000
## 5097	0.000000	0.000000	0.0000000
## 5098	0.000000	0.000000	0.0000000
## 5099	0.000000	0.000000	0.0000000
## 5100	3.000000	45.000000	0.0000000
## 5101	2.000000	32.000000	0.0000000
## 5102	7.000000	176.500000	0.0000000
## 5103	0.000000	0.000000	0.0000000
## 5104	0.000000	0.000000	0.0000000
## 5105	0.000000	0.000000	0.0000000
## 5106	7.000000	286.833333	7.0000000
## 5107	0.000000	0.000000	0.0000000
## 5108	0.000000	0.000000	0.0000000
## 5109	0.000000	0.000000	0.0000000
## 5110	9.000000	65.500000	0.0000000
## 5111	2.000000	101.500000	0.0000000
## 5112	0.000000	0.000000	2.0000000
## 5113	9.000000	134.766667	0.0000000
## 5114	3.000000	159.000000	2.0000000
## 5115	4.000000	92.000000	0.0000000
## 5116	7.000000	187.166667	2.0000000
## 5117	1.000000	30.500000	1.0000000
## 5118	5.000000	46.000000	0.0000000
## 5119	0.000000	0.000000	0.0000000
## 5120	1.000000	10.500000	0.0000000
## 5121	1.000000	5.000000	3.0000000
## 5122	9.000000	505.500000	0.0000000

## 5123	3.000000	138.000000	2.0000000
## 5124	1.000000	11.500000	0.0000000
## 5125	2.000000	223.000000	0.0000000
## 5126	1.000000	94.000000	0.0000000
## 5127	0.000000	0.000000	0.0000000
## 5128	0.000000	0.000000	0.0000000
## 5129	6.000000	703.500000	3.0000000
## 5130	0.000000	0.000000	0.0000000
## 5131	2.000000	37.000000	0.0000000
## 5132	0.000000	0.000000	0.0000000
## 5133	5.000000	325.333333	4.0000000
## 5134	8.000000	190.250000	1.0000000
## 5135	0.000000	0.000000	0.0000000
## 5136	0.000000	0.000000	0.0000000
## 5137	0.000000	0.000000	0.0000000
## 5138	0.000000	0.000000	0.0000000
## 5139	0.000000	0.000000	2.0000000
## 5140	4.000000	104.000000	0.0000000
## 5141	3.000000	137.000000	4.0000000
## 5142	3.000000	101.000000	0.0000000
## 5143	15.000000	189.214286	8.0000000
## 5144	4.000000	86.600000	0.0000000
## 5145	1.000000	53.000000	0.0000000
## 5146	0.000000	0.000000	1.0000000
## 5147	0.000000	0.000000	1.0000000
## 5148	4.000000	183.000000	3.0000000
## 5149	0.000000	0.000000	1.0000000
## 5150	0.000000	0.000000	0.0000000
## 5151	3.000000	238.400000	0.0000000
## 5152	2.000000	114.000000	0.0000000
## 5153	0.000000	0.000000	0.0000000
## 5154	0.000000	0.000000	0.0000000
## 5155	0.000000	0.000000	0.0000000
## 5156	0.000000	0.000000	0.0000000
## 5157	0.000000	0.000000	0.0000000
## 5158	0.000000	0.000000	0.0000000
## 5159	0.000000	0.000000	0.0000000
## 5160	0.000000	0.000000	0.0000000
## 5161	5.000000	52.500000	0.0000000
## 5162	0.000000	0.000000	1.0000000
## 5163	10.000000	200.583333	1.0000000
## 5164	1.000000	39.000000	0.0000000
## 5165	6.000000	312.000000	1.0000000
## 5166	0.000000	0.000000	0.0000000
## 5167	2.000000	261.000000	0.0000000
## 5168	2.000000	30.500000	2.0000000
## 5169	1.000000	10.000000	2.0000000
## 5170	3.000000	14.000000	0.0000000
## 5171	0.000000	0.000000	0.0000000
## 5172	2.000000	8.500000	0.0000000
## 5173	0.000000	0.000000	0.0000000
## 5174	2.000000	44.000000	0.0000000
## 5175	5.000000	80.000000	0.0000000
## 5176	0.000000	0.000000	3.0000000

## 5177	7.000000	204.387500	4.0000000
## 5178	1.000000	19.000000	0.0000000
## 5179	0.000000	0.000000	0.0000000
## 5180	0.000000	0.000000	0.0000000
## 5181	0.000000	0.000000	0.0000000
## 5182	0.000000	0.000000	0.0000000
## 5183	1.000000	11.000000	0.0000000
## 5184	0.000000	0.000000	0.0000000
## 5185	2.000000	29.000000	1.0000000
## 5186	1.000000	30.000000	3.0000000
## 5187	1.000000	20.000000	0.0000000
## 5188	9.000000	181.000000	4.0000000
## 5189	0.000000	0.000000	0.0000000
## 5190	0.000000	0.000000	0.0000000
## 5191	1.000000	16.000000	1.0000000
## 5192	4.000000	64.250000	1.0000000
## 5193	0.000000	0.000000	0.0000000
## 5194	0.000000	0.000000	0.0000000
## 5195	0.000000	0.000000	0.0000000
## 5196	0.000000	0.000000	0.0000000
## 5197	6.000000	79.500000	1.0000000
## 5198	0.000000	0.000000	0.0000000
## 5199	1.000000	48.000000	0.0000000
## 5200	7.000000	215.200000	0.0000000
## 5201	3.000000	62.142857	0.0000000
## 5202	0.000000	0.000000	0.0000000
## 5203	0.000000	0.000000	0.0000000
## 5204	1.000000	53.000000	0.0000000
## 5205	6.000000	210.500000	0.0000000
## 5206	0.000000	0.000000	0.0000000
## 5207	0.000000	0.000000	0.0000000
## 5208	0.000000	0.000000	0.0000000
## 5209	0.000000	0.000000	0.0000000
## 5210	3.000000	30.250000	0.0000000
## 5211	0.000000	0.000000	0.0000000
## 5212	5.000000	181.333333	0.0000000
## 5213	0.000000	0.000000	0.0000000
## 5214	0.000000	0.000000	0.0000000
## 5215	0.000000	0.000000	0.0000000
## 5216	0.000000	0.000000	1.0000000
## 5217	0.000000	0.000000	0.0000000
## 5218	2.000000	59.000000	1.0000000
## 5219	0.000000	0.000000	0.0000000
## 5220	3.000000	55.000000	0.0000000
## 5221	0.000000	0.000000	0.0000000
## 5222	10.000000	183.750000	1.0000000
## 5223	1.000000	7.000000	0.0000000
## 5224	1.000000	10.000000	0.0000000
## 5225	0.000000	0.000000	0.0000000
## 5226	0.000000	0.000000	0.0000000
## 5227	0.000000	0.000000	0.0000000
## 5228	0.000000	0.000000	0.0000000
## 5229	0.000000	0.000000	0.0000000
## 5230	0.000000	0.000000	0.0000000

## 5231	0.000000	0.000000	0.000000
## 5232	0.000000	0.000000	0.000000
## 5233	0.000000	0.000000	0.000000
## 5234	0.000000	0.000000	0.000000
## 5235	1.000000	115.000000	0.000000
## 5236	0.000000	0.000000	0.000000
## 5237	0.000000	0.000000	0.000000
## 5238	0.000000	0.000000	0.000000
## 5239	1.000000	6.000000	0.000000
## 5240	0.000000	0.000000	0.000000
## 5241	5.000000	71.666667	1.000000
## 5242	5.000000	53.500000	0.000000
## 5243	0.000000	0.000000	0.000000
## 5244	4.000000	63.600000	0.000000
## 5245	1.000000	77.000000	0.000000
## 5246	0.000000	0.000000	0.000000
## 5247	1.000000	30.000000	1.000000
## 5248	0.000000	0.000000	0.000000
## 5249	0.000000	0.000000	0.000000
## 5250	0.000000	0.000000	0.000000
## 5251	0.000000	0.000000	0.000000
## 5252	0.000000	0.000000	0.000000
## 5253	0.000000	0.000000	0.000000
## 5254	0.000000	0.000000	0.000000
## 5255	0.000000	0.000000	0.000000
## 5256	9.000000	443.291667	1.000000
## 5257	1.000000	32.750000	1.000000
## 5258	1.000000	107.000000	0.000000
## 5259	0.000000	0.000000	0.000000
## 5260	0.000000	0.000000	0.000000
## 5261	2.000000	51.000000	2.000000
## 5262	1.000000	62.000000	1.000000
## 5263	0.000000	0.000000	0.000000
## 5264	0.000000	0.000000	0.000000
## 5265	0.000000	0.000000	0.000000
## 5266	4.000000	53.000000	0.000000
## 5267	7.000000	48.500000	0.000000
## 5268	1.000000	2.000000	0.000000
## 5269	3.000000	44.000000	0.000000
## 5270	0.000000	0.000000	0.000000
## 5271	0.000000	0.000000	0.000000
## 5272	0.000000	0.000000	0.000000
## 5273	0.000000	0.000000	0.000000
## 5274	0.000000	0.000000	0.000000
## 5275	2.000000	121.000000	0.000000
## 5276	2.000000	26.666667	0.000000
## 5277	0.000000	0.000000	0.000000
## 5278	0.000000	0.000000	0.000000
## 5279	0.000000	0.000000	0.000000
## 5280	0.000000	0.000000	0.000000
## 5281	0.000000	0.000000	1.000000
## 5282	4.000000	200.523809	0.000000
## 5283	0.000000	0.000000	0.000000
## 5284	1.000000	5.000000	1.000000

## 5285	0.000000	0.000000	0.0000000
## 5286	4.000000	138.333333	0.0000000
## 5287	2.000000	158.000000	0.0000000
## 5288	0.000000	0.000000	0.0000000
## 5289	2.000000	87.000000	0.0000000
## 5290	7.000000	63.166667	0.0000000
## 5291	8.000000	69.833333	1.0000000
## 5292	0.000000	0.000000	1.0000000
## 5293	6.000000	313.000000	2.0000000
## 5294	0.000000	0.000000	0.0000000
## 5295	0.000000	0.000000	0.0000000
## 5296	4.000000	292.190476	1.0000000
## 5297	0.000000	0.000000	0.0000000
## 5298	0.000000	0.000000	0.0000000
## 5299	0.000000	0.000000	0.0000000
## 5300	0.000000	0.000000	0.0000000
## 5301	0.000000	0.000000	0.0000000
## 5302	0.000000	0.000000	0.0000000
## 5303	7.000000	52.400000	3.0000000
## 5304	0.000000	0.000000	0.0000000
## 5305	0.000000	0.000000	0.0000000
## 5306	0.000000	0.000000	0.0000000
## 5307	1.000000	4.000000	0.0000000
## 5308	0.000000	0.000000	0.0000000
## 5309	0.000000	0.000000	0.0000000
## 5310	0.000000	0.000000	0.0000000
## 5311	1.000000	4.000000	0.0000000
## 5312	0.000000	0.000000	0.0000000
## 5313	0.000000	0.000000	0.0000000
## 5314	0.000000	0.000000	0.0000000
## 5315	4.000000	132.666667	0.0000000
## 5316	6.000000	51.500000	0.0000000
## 5317	0.000000	0.000000	0.0000000
## 5318	4.000000	250.000000	0.0000000
## 5319	1.000000	90.000000	1.0000000
## 5320	0.000000	0.000000	0.0000000
## 5321	3.000000	78.000000	0.0000000
## 5322	0.000000	0.000000	0.0000000
## 5323	11.000000	771.928571	2.0000000
## 5324	1.000000	34.000000	0.0000000
## 5325	0.000000	0.000000	0.0000000
## 5326	2.000000	95.000000	3.0000000
## 5327	0.000000	0.000000	0.0000000
## 5328	0.000000	0.000000	0.0000000
## 5329	3.000000	295.666667	0.0000000
## 5330	1.000000	20.000000	0.0000000
## 5331	2.000000	30.000000	0.0000000
## 5332	0.000000	0.000000	0.0000000
## 5333	0.000000	0.000000	0.0000000
## 5334	9.000000	184.000000	5.0000000
## 5335	0.000000	0.000000	0.0000000
## 5336	0.000000	0.000000	0.0000000
## 5337	0.000000	0.000000	0.0000000
## 5338	4.000000	57.000000	0.0000000

## 5339	0.000000	0.000000	0.0000000
## 5340	5.000000	154.833333	7.0000000
## 5341	2.000000	45.000000	2.0000000
## 5342	0.000000	0.000000	0.0000000
## 5343	4.000000	31.000000	1.0000000
## 5344	1.000000	3.000000	0.0000000
## 5345	1.000000	34.000000	0.0000000
## 5346	6.000000	200.222222	2.0000000
## 5347	2.000000	40.000000	0.0000000
## 5348	0.000000	0.000000	1.0000000
## 5349	5.000000	33.666667	0.0000000
## 5350	1.000000	0.000000	0.0000000
## 5351	0.000000	0.000000	0.0000000
## 5352	0.000000	0.000000	0.0000000
## 5353	0.000000	0.000000	0.0000000
## 5354	4.000000	24.166667	0.0000000
## 5355	9.000000	194.416667	2.0000000
## 5356	4.000000	58.000000	0.0000000
## 5357	0.000000	0.000000	0.0000000
## 5358	0.000000	0.000000	1.0000000
## 5359	2.000000	11.000000	0.0000000
## 5360	1.000000	149.500000	0.0000000
## 5361	3.000000	453.000000	3.0000000
## 5362	1.000000	32.000000	0.0000000
## 5363	0.000000	0.000000	0.0000000
## 5364	3.000000	101.666667	0.0000000
## 5365	2.000000	59.000000	0.0000000
## 5366	0.000000	0.000000	0.0000000
## 5367	4.000000	316.500000	0.0000000
## 5368	9.000000	309.250000	0.0000000
## 5369	3.000000	35.500000	0.0000000
## 5370	5.000000	69.500000	4.0000000
## 5371	2.000000	42.000000	0.0000000
## 5372	4.000000	85.928571	0.0000000
## 5373	0.000000	0.000000	0.0000000
## 5374	2.000000	76.000000	1.0000000
## 5375	0.000000	0.000000	0.0000000
## 5376	0.000000	0.000000	0.0000000
## 5377	3.000000	40.200000	0.0000000
## 5378	1.000000	63.400000	0.0000000
## 5379	6.000000	618.066667	0.0000000
## 5380	0.000000	0.000000	0.0000000
## 5381	3.000000	152.600000	0.0000000
## 5382	7.000000	56.300000	0.0000000
## 5383	0.000000	0.000000	0.0000000
## 5384	1.000000	39.200000	2.0000000
## 5385	3.000000	89.600000	0.0000000
## 5386	2.000000	104.300000	0.0000000
## 5387	0.000000	0.000000	0.0000000
## 5388	4.000000	204.200000	0.0000000
## 5389	17.000000	180.133333	1.0000000
## 5390	1.000000	12.000000	0.0000000
## 5391	2.000000	13.000000	0.0000000
## 5392	0.000000	0.000000	0.0000000

## 5393	3.000000	41.200000	0.0000000
## 5394	4.000000	101.800000	0.0000000
## 5395	1.000000	26.200000	0.0000000
## 5396	2.000000	79.600000	3.0000000
## 5397	4.000000	159.000000	0.0000000
## 5398	7.000000	227.900000	0.0000000
## 5399	2.000000	47.400000	0.0000000
## 5400	0.000000	0.000000	0.0000000
## 5401	1.000000	0.000000	0.0000000
## 5402	0.000000	0.000000	0.0000000
## 5403	2.000000	196.600000	0.0000000
## 5404	3.000000	33.200000	0.0000000
## 5405	0.000000	0.000000	0.0000000
## 5406	3.000000	9.500000	0.0000000
## 5407	2.000000	55.400000	0.0000000
## 5408	0.000000	0.000000	0.0000000
## 5409	10.000000	1222.400000	0.0000000
## 5410	0.000000	0.000000	0.0000000
## 5411	3.000000	13.733333	1.0000000
## 5412	1.000000	23.200000	0.0000000
## 5413	5.000000	150.700000	0.0000000
## 5414	5.000000	66.600000	0.0000000
## 5415	0.000000	0.000000	0.0000000
## 5416	1.000000	92.600000	0.0000000
## 5417	0.000000	0.000000	0.0000000
## 5418	13.000000	1013.056909	2.0000000
## 5419	1.000000	48.400000	0.0000000
## 5420	1.000000	57.400000	0.0000000
## 5421	7.000000	297.600000	0.0000000
## 5422	0.000000	0.000000	0.0000000
## 5423	0.000000	0.000000	0.0000000
## 5424	0.000000	0.000000	0.0000000
## 5425	0.000000	0.000000	0.0000000
## 5426	0.000000	0.000000	0.0000000
## 5427	2.000000	56.733333	0.0000000
## 5428	1.000000	86.600000	0.0000000
## 5429	7.000000	38.600000	0.0000000
## 5430	6.000000	545.650000	3.0000000
## 5431	3.000000	94.600000	0.0000000
## 5432	6.000000	53.000000	0.0000000
## 5433	3.000000	28.800000	5.0000000
## 5434	5.000000	46.520000	0.0000000
## 5435	1.000000	41.400000	0.0000000
## 5436	6.000000	82.140000	0.0000000
## 5437	0.000000	0.000000	0.0000000
## 5438	3.000000	397.700000	4.0000000
## 5439	0.000000	0.000000	0.0000000
## 5440	16.000000	932.797143	0.0000000
## 5441	3.000000	56.800000	1.0000000
## 5442	1.000000	10.000000	0.0000000
## 5443	0.000000	0.000000	0.0000000
## 5444	10.000000	89.980000	0.0000000
## 5445	0.000000	0.000000	0.0000000
## 5446	1.000000	67.500000	0.0000000

## 5447	13.000000	234.566667	0.0000000
## 5448	2.000000	63.500000	0.0000000
## 5449	1.000000	4.000000	0.0000000
## 5450	0.000000	0.000000	0.0000000
## 5451	5.000000	196.880000	0.0000000
## 5452	5.000000	60.200000	0.0000000
## 5453	5.000000	271.000000	2.0000000
## 5454	6.000000	85.200000	0.0000000
## 5455	1.000000	62.466667	0.0000000
## 5456	10.000000	164.066667	0.0000000
## 5457	18.000000	189.264615	0.0000000
## 5458	2.000000	196.600000	0.0000000
## 5459	1.000000	5.066667	0.0000000
## 5460	2.000000	94.700000	0.0000000
## 5461	1.000000	45.400000	0.0000000
## 5462	1.000000	38.800000	0.0000000
## 5463	2.000000	21.000000	0.0000000
## 5464	5.000000	82.600000	1.0000000
## 5465	0.000000	0.000000	0.0000000
## 5466	6.000000	89.800000	0.0000000
## 5467	5.000000	850.000000	0.0000000
## 5468	0.000000	0.000000	0.0000000
## 5469	0.000000	0.000000	0.0000000
## 5470	0.000000	0.000000	0.0000000
## 5471	4.000000	585.800000	0.0000000
## 5472	0.000000	0.000000	0.0000000
## 5473	0.000000	0.000000	2.0000000
## 5474	0.000000	0.000000	0.0000000
## 5475	10.000000	491.666667	0.0000000
## 5476	10.000000	340.900000	3.0000000
## 5477	2.000000	112.800000	0.0000000
## 5478	0.000000	0.000000	0.0000000
## 5479	0.000000	0.000000	0.0000000
## 5480	0.000000	0.000000	0.0000000
## 5481	0.000000	0.000000	0.0000000
## 5482	17.000000	698.133333	1.0000000
## 5483	0.000000	0.000000	0.0000000
## 5484	3.000000	32.200000	0.0000000
## 5485	1.000000	16.600000	0.0000000
## 5486	4.000000	54.200000	1.0000000
## 5487	0.000000	0.000000	0.0000000
## 5488	1.000000	11.000000	0.0000000
## 5489	0.000000	0.000000	0.0000000
## 5490	11.000000	455.066667	3.0000000
## 5491	2.000000	32.200000	1.0000000
## 5492	4.000000	601.900000	0.0000000
## 5493	1.000000	136.500000	0.0000000
## 5494	0.000000	0.000000	0.0000000
## 5495	4.000000	49.300000	0.0000000
## 5496	10.000000	278.666667	0.0000000
## 5497	0.000000	0.000000	0.0000000
## 5498	1.000000	118.800000	0.0000000
## 5499	0.000000	0.000000	0.0000000
## 5500	2.000000	13.000000	0.0000000

## 5501	1.000000	44.000000	0.0000000
## 5502	1.000000	4.000000	0.0000000
## 5503	0.000000	0.000000	0.0000000
## 5504	2.000000	75.050000	0.0000000
## 5505	1.000000	17.100000	1.0000000
## 5506	1.000000	2.000000	6.0000000
## 5507	1.000000	4.000000	0.0000000
## 5508	1.000000	5.000000	0.0000000
## 5509	0.000000	0.000000	0.0000000
## 5510	0.000000	0.000000	0.0000000
## 5511	0.000000	0.000000	0.0000000
## 5512	0.000000	0.000000	0.0000000
## 5513	2.000000	268.080000	0.0000000
## 5514	1.000000	22.200000	0.0000000
## 5515	0.000000	0.000000	0.0000000
## 5516	0.000000	0.000000	0.0000000
## 5517	7.000000	68.400000	0.0000000
## 5518	24.000000	468.100663	6.0000000
## 5519	3.000000	43.200000	0.0000000
## 5520	2.000000	132.000000	1.0000000
## 5521	6.000000	45.033333	1.0000000
## 5522	0.000000	0.000000	0.0000000
## 5523	1.000000	80.600000	0.0000000
## 5524	4.000000	26.200000	0.0000000
## 5525	12.000000	137.900000	0.0000000
## 5526	0.000000	0.000000	0.0000000
## 5527	2.000000	9.600000	3.0000000
## 5528	2.000000	161.200000	0.0000000
## 5529	9.000000	301.000000	0.0000000
## 5530	2.000000	45.200000	0.0000000
## 5531	2.000000	167.400000	0.0000000
## 5532	0.000000	0.000000	0.0000000
## 5533	0.000000	0.000000	0.0000000
## 5534	2.000000	19.400000	3.0000000
## 5535	3.000000	157.400000	0.0000000
## 5536	0.000000	0.000000	0.0000000
## 5537	5.000000	56.800000	0.0000000
## 5538	4.000000	459.500000	4.0000000
## 5539	0.000000	0.000000	0.0000000
## 5540	0.000000	0.000000	0.0000000
## 5541	2.000000	42.200000	0.0000000
## 5542	0.000000	0.000000	0.0000000
## 5543	1.000000	12.000000	0.0000000
## 5544	0.000000	0.000000	0.0000000
## 5545	0.000000	0.000000	0.0000000
## 5546	0.000000	0.000000	0.0000000
## 5547	0.000000	0.000000	0.0000000
## 5548	3.000000	69.600000	0.0000000
## 5549	0.000000	0.000000	0.0000000
## 5550	6.000000	66.550000	0.0000000
## 5551	8.000000	103.733333	0.0000000
## 5552	4.000000	60.400000	0.0000000
## 5553	2.000000	423.600000	0.0000000
## 5554	6.000000	63.683333	0.0000000

## 5555	5.000000	148.500000	0.0000000
## 5556	4.000000	96.600000	0.0000000
## 5557	0.000000	0.000000	0.0000000
## 5558	8.000000	628.366667	1.0000000
## 5559	1.000000	13.100000	0.0000000
## 5560	4.000000	25.000000	0.0000000
## 5561	3.000000	58.400000	0.0000000
## 5562	0.000000	0.000000	0.0000000
## 5563	3.000000	118.000000	0.0000000
## 5564	8.000000	77.500000	0.0000000
## 5565	4.000000	61.633333	0.0000000
## 5566	5.000000	68.800000	0.0000000
## 5567	3.000000	11.600000	0.0000000
## 5568	0.000000	0.000000	0.0000000
## 5569	2.000000	34.180952	0.0000000
## 5570	3.000000	36.300000	0.0000000
## 5571	3.000000	498.600000	1.0000000
## 5572	1.000000	23.200000	0.0000000
## 5573	4.000000	194.400000	0.0000000
## 5574	0.000000	0.000000	0.0000000
## 5575	3.000000	28.650000	0.0000000
## 5576	2.000000	66.500000	0.0000000
## 5577	2.000000	194.900000	0.0000000
## 5578	0.000000	0.000000	0.0000000
## 5579	5.000000	44.666667	1.0000000
## 5580	2.000000	83.600000	1.0000000
## 5581	0.000000	0.000000	0.0000000
## 5582	0.000000	0.000000	0.0000000
## 5583	1.000000	11.000000	0.0000000
## 5584	0.000000	0.000000	0.0000000
## 5585	0.000000	0.000000	0.0000000
## 5586	7.000000	79.200000	0.0000000
## 5587	0.000000	0.000000	1.0000000
## 5588	5.000000	35.700000	5.0000000
## 5589	3.000000	59.790000	0.0000000
## 5590	0.000000	0.000000	0.0000000
## 5591	1.000000	15.200000	0.0000000
## 5592	0.000000	0.000000	0.0000000
## 5593	0.000000	0.000000	0.0000000
## 5594	4.000000	96.400000	0.0000000
## 5595	5.000000	77.000000	0.0000000
## 5596	0.000000	0.000000	2.0000000
## 5597	1.000000	0.000000	0.0000000
## 5598	0.000000	0.000000	0.0000000
## 5599	2.000000	8.000000	2.0000000
## 5600	0.000000	0.000000	4.0000000
## 5601	0.000000	0.000000	0.0000000
## 5602	1.000000	11.000000	0.0000000
## 5603	1.000000	66.400000	0.0000000
## 5604	4.000000	28.733333	0.0000000
## 5605	6.000000	661.766667	6.0000000
## 5606	1.000000	53.400000	0.0000000
## 5607	2.000000	23.800000	0.0000000
## 5608	2.000000	13.000000	0.0000000

## 5609	1.000000	23.960000	0.0000000
## 5610	9.000000	64.500000	3.0000000
## 5611	9.000000	358.258333	3.0000000
## 5612	0.000000	0.000000	0.0000000
## 5613	0.000000	0.000000	0.0000000
## 5614	2.000000	82.600000	0.0000000
## 5615	0.000000	0.000000	0.0000000
## 5616	2.000000	31.200000	0.0000000
## 5617	0.000000	0.000000	0.0000000
## 5618	7.000000	199.850000	0.0000000
## 5619	1.000000	5.500000	6.0000000
## 5620	0.000000	0.000000	0.0000000
## 5621	4.000000	64.600000	2.0000000
## 5622	0.000000	0.000000	0.0000000
## 5623	2.000000	53.400000	0.0000000
## 5624	5.000000	59.900000	2.0000000
## 5625	1.000000	23.200000	0.0000000
## 5626	1.000000	0.000000	0.0000000
## 5627	1.000000	46.400000	0.0000000
## 5628	8.000000	176.250000	1.0000000
## 5629	9.000000	68.400000	1.0000000
## 5630	5.000000	265.043333	1.0000000
## 5631	4.000000	68.733333	0.0000000
## 5632	9.000000	219.933333	0.0000000
## 5633	0.000000	0.000000	2.0000000
## 5634	2.000000	70.600000	0.0000000
## 5635	0.000000	0.000000	0.0000000
## 5636	1.000000	70.000000	0.0000000
## 5637	8.000000	166.700000	0.0000000
## 5638	0.000000	0.000000	1.0000000
## 5639	1.000000	54.400000	0.0000000
## 5640	5.000000	152.100000	0.0000000
## 5641	0.000000	0.000000	0.0000000
## 5642	0.000000	0.000000	0.0000000
## 5643	2.000000	58.400000	0.0000000
## 5644	1.000000	106.800000	0.0000000
## 5645	0.000000	0.000000	0.0000000
## 5646	0.000000	0.000000	0.0000000
## 5647	0.000000	0.000000	0.0000000
## 5648	3.000000	82.600000	0.0000000
## 5649	7.000000	275.084444	0.0000000
## 5650	1.000000	17.200000	0.0000000
## 5651	11.000000	189.483333	1.0000000
## 5652	0.000000	0.000000	0.0000000
## 5653	4.000000	74.500000	0.0000000
## 5654	3.000000	33.600000	0.0000000
## 5655	0.000000	0.000000	0.0000000
## 5656	4.000000	304.600000	0.0000000
## 5657	0.000000	0.000000	0.0000000
## 5658	1.000000	5.500000	0.0000000
## 5659	0.000000	0.000000	0.0000000
## 5660	0.000000	0.000000	0.0000000
## 5661	0.000000	0.000000	0.0000000
## 5662	0.000000	0.000000	0.0000000

## 5663	2.000000	22.200000	0.0000000
## 5664	0.000000	0.000000	0.0000000
## 5665	3.000000	102.800000	0.0000000
## 5666	4.000000	353.400000	2.0000000
## 5667	5.000000	151.333333	0.0000000
## 5668	2.000000	36.200000	3.0000000
## 5669	10.000000	208.513333	0.0000000
## 5670	0.000000	0.000000	0.0000000
## 5671	4.000000	175.866667	0.0000000
## 5672	5.000000	30.000000	1.0000000
## 5673	1.000000	26.200000	0.0000000
## 5674	0.000000	0.000000	0.0000000
## 5675	6.000000	1672.033333	0.0000000
## 5676	5.000000	187.100000	0.0000000
## 5677	8.000000	133.350000	2.0000000
## 5678	9.000000	570.266667	0.0000000
## 5679	15.000000	238.683809	0.0000000
## 5680	6.000000	144.833333	0.0000000
## 5681	2.000000	40.800000	0.0000000
## 5682	0.000000	0.000000	0.0000000
## 5683	9.000000	122.200000	0.0000000
## 5684	0.000000	0.000000	0.0000000
## 5685	2.000000	25.200000	4.0000000
## 5686	0.000000	0.000000	0.0000000
## 5687	2.000000	73.750000	0.0000000
## 5688	2.000000	68.600000	0.0000000
## 5689	1.000000	19.400000	0.0000000
## 5690	10.000000	242.633333	4.0000000
## 5691	3.000000	17.945455	1.0000000
## 5692	0.000000	0.000000	0.0000000
## 5693	6.000000	80.500000	1.0000000
## 5694	4.000000	158.200000	0.0000000
## 5695	0.000000	0.000000	0.0000000
## 5696	3.000000	180.800000	0.0000000
## 5697	7.000000	2720.500000	3.0000000
## 5698	2.000000	154.600000	2.0000000
## 5699	1.000000	125.000000	0.0000000
## 5700	2.000000	75.600000	1.0000000
## 5701	2.000000	10.300000	0.0000000
## 5702	4.000000	124.600000	0.0000000
## 5703	12.000000	139.366667	0.0000000
## 5704	1.000000	12.066667	0.0000000
## 5705	0.000000	0.000000	0.0000000
## 5706	0.000000	0.000000	0.0000000
## 5707	0.000000	0.000000	0.0000000
## 5708	3.000000	45.800000	0.0000000
## 5709	1.000000	15.200000	0.0000000
## 5710	0.000000	0.000000	0.0000000
## 5711	4.000000	133.800000	2.0000000
## 5712	0.000000	0.000000	0.0000000
## 5713	1.000000	21.200000	0.0000000
## 5714	0.000000	0.000000	0.0000000
## 5715	0.000000	0.000000	0.0000000
## 5716	0.000000	0.000000	0.0000000

## 5717	0.000000	0.000000	0.0000000
## 5718	0.000000	0.000000	2.0000000
## 5719	0.000000	0.000000	0.0000000
## 5720	0.000000	0.000000	0.0000000
## 5721	0.000000	0.000000	0.0000000
## 5722	0.000000	0.000000	0.0000000
## 5723	2.000000	23.000000	1.0000000
## 5724	0.000000	0.000000	1.0000000
## 5725	0.000000	0.000000	0.0000000
## 5726	9.000000	115.400000	0.0000000
## 5727	9.000000	211.000000	1.0000000
## 5728	1.000000	28.200000	1.0000000
## 5729	2.000000	40.900000	0.0000000
## 5730	10.000000	275.333333	1.0000000
## 5731	2.000000	35.200000	0.0000000
## 5732	0.000000	0.000000	0.0000000
## 5733	8.000000	246.533333	0.0000000
## 5734	4.000000	245.800000	1.0000000
## 5735	0.000000	0.000000	0.0000000
## 5736	16.000000	391.683333	0.0000000
## 5737	4.000000	43.466667	0.0000000
## 5738	8.000000	452.500000	0.0000000
## 5739	7.000000	123.200000	0.0000000
## 5740	0.000000	0.000000	0.0000000
## 5741	2.000000	35.300000	0.0000000
## 5742	0.000000	0.000000	0.0000000
## 5743	0.000000	0.000000	0.0000000
## 5744	4.000000	96.800000	1.0000000
## 5745	4.000000	103.000000	0.0000000
## 5746	2.000000	15.200000	0.0000000
## 5747	4.000000	71.700000	0.0000000
## 5748	6.000000	631.107317	3.0000000
## 5749	7.000000	94.840000	0.0000000
## 5750	11.000000	196.150000	0.0000000
## 5751	0.000000	0.000000	0.0000000
## 5752	1.000000	215.600000	2.0000000
## 5753	6.000000	88.280000	0.0000000
## 5754	5.000000	271.750000	1.0000000
## 5755	0.000000	0.000000	2.0000000
## 5756	1.000000	8.100000	0.0000000
## 5757	3.000000	195.400000	2.0000000
## 5758	3.000000	36.200000	0.0000000
## 5759	4.000000	71.333333	0.0000000
## 5760	0.000000	0.000000	3.0000000
## 5761	0.000000	0.000000	0.0000000
## 5762	0.000000	0.000000	0.0000000
## 5763	0.000000	0.000000	0.0000000
## 5764	3.000000	25.600000	0.0000000
## 5765	6.000000	103.900000	3.0000000
## 5766	11.000000	603.800000	2.0000000
## 5767	0.000000	0.000000	0.0000000
## 5768	0.000000	0.000000	0.0000000
## 5769	1.000000	17.200000	0.0000000
## 5770	0.000000	0.000000	0.0000000

## 5771	3.000000	61.400000	1.0000000
## 5772	0.000000	0.000000	0.0000000
## 5773	0.000000	0.000000	0.0000000
## 5774	2.000000	61.500000	0.0000000
## 5775	4.000000	134.100000	0.0000000
## 5776	1.000000	65.400000	0.0000000
## 5777	0.000000	0.000000	0.0000000
## 5778	2.000000	55.400000	0.0000000
## 5779	0.000000	0.000000	0.0000000
## 5780	0.000000	0.000000	0.0000000
## 5781	0.000000	0.000000	0.0000000
## 5782	11.000000	456.233333	1.0000000
## 5783	2.000000	95.300000	0.0000000
## 5784	0.000000	0.000000	1.0000000
## 5785	7.000000	70.500000	0.0000000
## 5786	0.000000	0.000000	0.0000000
## 5787	0.000000	0.000000	0.0000000
## 5788	0.000000	0.000000	0.0000000
## 5789	0.000000	0.000000	0.0000000
## 5790	1.000000	10.000000	1.0000000
## 5791	0.000000	0.000000	0.0000000
## 5792	2.000000	11.000000	0.0000000
## 5793	0.000000	0.000000	0.0000000
## 5794	1.000000	15.800000	3.0000000
## 5795	4.000000	68.666667	0.0000000
## 5796	1.000000	30.866667	3.0000000
## 5797	0.000000	0.000000	0.0000000
## 5798	8.000000	498.980965	6.0000000
## 5799	0.000000	0.000000	0.0000000
## 5800	5.000000	84.345455	3.0000000
## 5801	0.000000	0.000000	0.0000000
## 5802	1.000000	0.000000	0.0000000
## 5803	1.000000	32.700000	0.0000000
## 5804	4.000000	438.800000	0.0000000
## 5805	0.000000	0.000000	0.0000000
## 5806	9.000000	181.816667	0.0000000
## 5807	0.000000	0.000000	0.0000000
## 5808	0.000000	0.000000	0.0000000
## 5809	1.000000	49.400000	0.0000000
## 5810	0.000000	0.000000	0.0000000
## 5811	6.000000	141.058333	0.0000000
## 5812	5.000000	103.900000	1.0000000
## 5813	0.000000	0.000000	2.0000000
## 5814	8.000000	112.270000	0.0000000
## 5815	0.000000	0.000000	0.0000000
## 5816	4.000000	227.480000	3.0000000
## 5817	0.000000	0.000000	0.0000000
## 5818	2.000000	37.200000	0.0000000
## 5819	2.000000	267.800000	0.0000000
## 5820	3.000000	107.800000	0.0000000
## 5821	12.000000	232.340476	1.0000000
## 5822	3.000000	50.946154	1.0000000
## 5823	14.000000	603.900000	2.0000000
## 5824	5.000000	168.200000	0.0000000

## 5825	1.000000	18.200000	0.0000000
## 5826	0.000000	0.000000	0.0000000
## 5827	1.000000	5.500000	3.0000000
## 5828	0.000000	0.000000	0.0000000
## 5829	4.000000	239.600000	2.0000000
## 5830	10.000000	172.327778	0.0000000
## 5831	3.000000	39.300000	0.0000000
## 5832	1.000000	28.200000	0.0000000
## 5833	2.000000	214.600000	3.0000000
## 5834	5.000000	154.200000	0.0000000
## 5835	2.000000	165.133333	0.0000000
## 5836	1.000000	22.200000	0.0000000
## 5837	12.000000	245.733333	4.0000000
## 5838	15.000000	169.033333	0.0000000
## 5839	6.000000	176.600000	2.0000000
## 5840	2.000000	18.000000	2.0000000
## 5841	0.000000	0.000000	0.0000000
## 5842	3.000000	81.600000	0.0000000
## 5843	4.000000	140.066667	0.0000000
## 5844	0.000000	0.000000	0.0000000
## 5845	0.000000	0.000000	0.0000000
## 5846	0.000000	0.000000	0.0000000
## 5847	9.000000	252.667619	1.0000000
## 5848	0.000000	0.000000	0.0000000
## 5849	5.000000	43.325000	1.0000000
## 5850	4.000000	135.400000	0.0000000
## 5851	0.000000	0.000000	0.0000000
## 5852	0.000000	0.000000	0.0000000
## 5853	0.000000	0.000000	0.0000000
## 5854	0.000000	0.000000	0.0000000
## 5855	5.000000	68.014286	1.0000000
## 5856	1.000000	129.000000	1.0000000
## 5857	0.000000	0.000000	0.0000000
## 5858	11.000000	362.300000	0.0000000
## 5859	3.000000	90.700000	3.0000000
## 5860	8.000000	760.900000	3.0000000
## 5861	6.000000	67.400000	0.0000000
## 5862	1.000000	17.200000	0.0000000
## 5863	1.000000	1566.600000	0.0000000
## 5864	0.000000	0.000000	0.0000000
## 5865	0.000000	0.000000	0.0000000
## 5866	0.000000	0.000000	0.0000000
## 5867	3.000000	59.200000	0.0000000
## 5868	3.000000	50.150000	0.0000000
## 5869	8.000000	166.460000	1.0000000
## 5870	0.000000	0.000000	0.0000000
## 5871	1.000000	6.000000	0.0000000
## 5872	5.000000	241.350000	0.0000000
## 5873	4.000000	48.832434	4.0000000
## 5874	3.000000	60.166667	0.0000000
## 5875	4.000000	131.400000	0.0000000
## 5876	0.000000	0.000000	0.0000000
## 5877	4.000000	42.200000	0.0000000
## 5878	3.000000	62.900000	1.0000000

## 5879	0.000000	0.000000	0.0000000
## 5880	0.000000	0.000000	0.0000000
## 5881	0.000000	0.000000	0.0000000
## 5882	3.000000	80.600000	2.0000000
## 5883	3.000000	13.000000	1.0000000
## 5884	3.000000	89.800000	0.0000000
## 5885	0.000000	0.000000	0.0000000
## 5886	6.000000	177.600000	0.0000000
## 5887	4.000000	103.800000	0.0000000
## 5888	0.000000	0.000000	0.0000000
## 5889	0.000000	0.000000	0.0000000
## 5890	3.000000	230.100000	0.0000000
## 5891	10.000000	228.350000	0.0000000
## 5892	12.000000	381.500000	1.0000000
## 5893	6.000000	188.500000	0.0000000
## 5894	1.000000	37.200000	0.0000000
## 5895	1.000000	5.000000	0.0000000
## 5896	2.000000	34.200000	0.0000000
## 5897	4.000000	53.400000	0.0000000
## 5898	0.000000	0.000000	0.0000000
## 5899	8.000000	168.166667	0.0000000
## 5900	0.000000	0.000000	0.0000000
## 5901	2.000000	41.200000	0.0000000
## 5902	4.000000	160.200000	2.0000000
## 5903	2.000000	9.000000	0.0000000
## 5904	3.000000	214.600000	0.0000000
## 5905	0.000000	0.000000	0.0000000
## 5906	0.000000	0.000000	0.0000000
## 5907	3.000000	29.200000	0.0000000
## 5908	0.000000	0.000000	0.0000000
## 5909	4.000000	26.000000	0.0000000
## 5910	4.000000	59.860000	1.0000000
## 5911	9.000000	399.800000	5.0000000
## 5912	0.000000	0.000000	0.0000000
## 5913	0.000000	0.000000	0.0000000
## 5914	6.000000	344.200000	3.0000000
## 5915	4.000000	108.533333	0.0000000
## 5916	0.000000	0.000000	0.0000000
## 5917	0.000000	0.000000	3.0000000
## 5918	0.000000	0.000000	0.0000000
## 5919	13.000000	408.600000	0.0000000
## 5920	0.000000	0.000000	0.0000000
## 5921	0.000000	0.000000	1.0000000
## 5922	1.000000	21.200000	0.0000000
## 5923	2.000000	91.600000	2.0000000
## 5924	1.000000	77.100000	0.0000000
## 5925	3.000000	67.400000	2.0000000
## 5926	6.000000	1013.886667	1.0000000
## 5927	7.000000	117.666667	0.0000000
## 5928	5.000000	401.150000	0.0000000
## 5929	0.000000	0.000000	0.0000000
## 5930	4.000000	206.250000	0.0000000
## 5931	3.000000	552.200000	1.0000000
## 5932	6.000000	130.500000	2.0000000

## 5933	4.000000	65.600000	0.0000000
## 5934	0.000000	0.000000	1.0000000
## 5935	6.000000	47.300000	0.0000000
## 5936	0.000000	0.000000	0.0000000
## 5937	3.000000	57.600000	0.0000000
## 5938	0.000000	0.000000	0.0000000
## 5939	1.000000	55.400000	0.0000000
## 5940	0.000000	0.000000	0.0000000
## 5941	8.000000	116.972222	9.0000000
## 5942	0.000000	0.000000	0.0000000
## 5943	8.000000	167.450000	1.0000000
## 5944	4.000000	32.200000	2.0000000
## 5945	0.000000	0.000000	0.0000000
## 5946	6.000000	100.100000	0.0000000
## 5947	0.000000	0.000000	0.0000000
## 5948	0.000000	0.000000	0.0000000
## 5949	6.000000	69.400000	1.0000000
## 5950	6.000000	288.000000	0.0000000
## 5951	12.000000	187.775000	0.0000000
## 5952	3.000000	39.000000	0.0000000
## 5953	0.000000	0.000000	0.0000000
## 5954	2.000000	21.000000	0.0000000
## 5955	0.000000	0.000000	2.0000000
## 5956	4.000000	57.300000	0.0000000
## 5957	3.000000	40.600000	0.0000000
## 5958	0.000000	0.000000	0.0000000
## 5959	6.000000	91.200000	1.0000000
## 5960	2.000000	17.200000	0.0000000
## 5961	3.000000	26.000000	0.0000000
## 5962	5.000000	102.866667	0.0000000
## 5963	0.000000	0.000000	0.0000000
## 5964	0.000000	0.000000	0.0000000
## 5965	0.000000	0.000000	0.0000000
## 5966	0.000000	0.000000	0.0000000
## 5967	11.000000	110.786667	5.0000000
## 5968	1.000000	14.200000	2.0000000
## 5969	2.000000	39.200000	0.0000000
## 5970	0.000000	0.000000	0.0000000
## 5971	5.000000	106.800000	0.0000000
## 5972	5.000000	211.050000	0.0000000
## 5973	1.000000	6.000000	0.0000000
## 5974	10.000000	700.633333	0.0000000
## 5975	0.000000	0.000000	0.0000000
## 5976	2.000000	12.600000	0.0000000
## 5977	0.000000	0.000000	0.0000000
## 5978	0.000000	0.000000	0.0000000
## 5979	3.000000	102.600000	0.0000000
## 5980	8.000000	139.200000	0.0000000
## 5981	6.000000	134.360000	0.0000000
## 5982	4.000000	65.900000	0.0000000
## 5983	0.000000	0.000000	1.0000000
## 5984	4.000000	69.233333	3.0000000
## 5985	0.000000	0.000000	0.0000000
## 5986	1.000000	72.600000	0.0000000

## 5987	14.000000	1220.914286	4.0000000
## 5988	6.000000	754.533333	0.0000000
## 5989	0.000000	0.000000	0.0000000
## 5990	1.000000	46.000000	0.0000000
## 5991	1.000000	28.200000	0.0000000
## 5992	6.000000	113.000000	0.0000000
## 5993	8.000000	1013.171429	4.0000000
## 5994	0.000000	0.000000	0.0000000
## 5995	8.000000	131.000000	0.0000000
## 5996	0.000000	0.000000	0.0000000
## 5997	4.000000	102.300000	0.0000000
## 5998	0.000000	0.000000	0.0000000
## 5999	4.000000	99.333333	1.0000000
## 6000	2.000000	17.200000	0.0000000
## 6001	3.000000	79.220000	2.0000000
## 6002	1.000000	51.400000	0.0000000
## 6003	6.000000	92.571429	1.0000000
## 6004	2.000000	112.900000	0.0000000
## 6005	0.000000	0.000000	0.0000000
## 6006	3.000000	67.200000	0.0000000
## 6007	0.000000	0.000000	2.0000000
## 6008	0.000000	0.000000	0.0000000
## 6009	0.000000	0.000000	0.0000000
## 6010	4.000000	69.966667	0.0000000
## 6011	5.000000	78.633333	0.0000000
## 6012	0.000000	0.000000	0.0000000
## 6013	6.000000	186.666667	2.0000000
## 6014	0.000000	0.000000	0.0000000
## 6015	2.000000	145.200000	0.0000000
## 6016	0.000000	0.000000	0.0000000
## 6017	6.000000	106.180000	2.0000000
## 6018	0.000000	0.000000	0.0000000
## 6019	0.000000	0.000000	0.0000000
## 6020	5.000000	140.600000	0.0000000
## 6021	2.000000	38.040000	0.0000000
## 6022	2.000000	9.000000	0.0000000
## 6023	6.000000	440.281395	1.0000000
## 6024	9.000000	216.230000	1.0000000
## 6025	7.000000	154.400000	0.0000000
## 6026	5.000000	153.000000	0.0000000
## 6027	0.000000	0.000000	0.0000000
## 6028	1.000000	39.200000	0.0000000
## 6029	3.000000	37.600000	0.0000000
## 6030	1.000000	45.400000	0.0000000
## 6031	0.000000	0.000000	2.0000000
## 6032	3.000000	82.533333	1.0000000
## 6033	1.000000	227.600000	0.0000000
## 6034	2.000000	129.000000	0.0000000
## 6035	0.000000	0.000000	0.0000000
## 6036	0.000000	0.000000	0.0000000
## 6037	3.000000	273.660000	0.0000000
## 6038	5.000000	32.600000	0.0000000
## 6039	2.000000	22.200000	0.0000000
## 6040	4.000000	381.800000	0.0000000

## 6041	0.000000	0.000000	0.000000
## 6042	0.000000	0.000000	1.000000
## 6043	0.000000	0.000000	0.000000
## 6044	0.000000	0.000000	0.000000
## 6045	0.000000	0.000000	3.000000
## 6046	4.000000	423.100000	0.000000
## 6047	3.000000	103.800000	0.000000
## 6048	15.000000	104.654545	1.000000
## 6049	0.000000	0.000000	0.000000
## 6050	4.000000	211.800000	0.000000
## 6051	0.000000	0.000000	0.000000
## 6052	0.000000	0.000000	0.000000
## 6053	0.000000	0.000000	0.000000
## 6054	7.000000	54.842857	7.000000
## 6055	0.000000	0.000000	0.000000
## 6056	1.000000	7.100000	0.000000
## 6057	11.000000	265.433333	2.000000
## 6058	1.000000	38.200000	0.000000
## 6059	0.000000	0.000000	1.000000
## 6060	1.000000	197.400000	0.000000
## 6061	0.000000	0.000000	0.000000
## 6062	0.000000	0.000000	0.000000
## 6063	0.000000	0.000000	0.000000
## 6064	1.000000	58.400000	0.000000
## 6065	6.000000	107.040000	3.000000
## 6066	2.000000	28.200000	1.000000
## 6067	4.000000	209.500000	0.000000
## 6068	0.000000	0.000000	0.000000
## 6069	3.000000	23.000000	0.000000
## 6070	4.000000	115.700000	0.000000
## 6071	3.000000	41.200000	1.000000
## 6072	12.000000	255.516667	0.000000
## 6073	8.000000	108.700000	0.000000
## 6074	4.000000	34.200000	0.000000
## 6075	0.000000	0.000000	0.000000
## 6076	3.000000	39.200000	0.000000
## 6077	4.000000	234.300000	0.000000
## 6078	5.000000	44.016667	0.000000
## 6079	4.000000	20.000000	0.000000
## 6080	8.000000	116.960714	4.000000
## 6081	3.000000	142.200000	0.000000
## 6082	9.000000	501.483333	0.000000
## 6083	6.000000	207.092857	1.000000
## 6084	1.000000	14.200000	0.000000
## 6085	0.000000	0.000000	0.000000
## 6086	10.000000	2407.423810	3.000000
## 6087	6.000000	60.366667	3.000000
## 6088	6.000000	78.513333	1.000000
## 6089	1.000000	6.000000	0.000000
## 6090	0.000000	0.000000	0.000000
## 6091	4.000000	117.320000	2.000000
## 6092	0.000000	0.000000	0.000000
## 6093	2.000000	67.600000	0.000000
## 6094	2.000000	75.600000	2.000000

## 6095	0.000000	0.000000	0.0000000
## 6096	1.000000	137.500000	1.0000000
## 6097	3.000000	89.250000	0.0000000
## 6098	0.000000	0.000000	0.0000000
## 6099	9.000000	1104.200000	0.0000000
## 6100	1.000000	56.400000	1.0000000
## 6101	0.000000	0.000000	0.0000000
## 6102	3.000000	73.600000	0.0000000
## 6103	3.000000	152.000000	1.0000000
## 6104	0.000000	0.000000	0.0000000
## 6105	1.000000	65.400000	0.0000000
## 6106	0.000000	0.000000	0.0000000
## 6107	8.000000	279.266667	0.0000000
## 6108	5.000000	318.266667	0.0000000
## 6109	0.000000	0.000000	0.0000000
## 6110	0.000000	0.000000	0.0000000
## 6111	12.000000	217.649123	4.0000000
## 6112	7.000000	317.914286	4.0000000
## 6113	4.000000	30.300000	0.0000000
## 6114	0.000000	0.000000	0.0000000
## 6115	8.000000	289.000000	0.0000000
## 6116	0.000000	0.000000	0.0000000
## 6117	0.000000	0.000000	0.0000000
## 6118	3.000000	33.466667	0.0000000
## 6119	0.000000	0.000000	0.0000000
## 6120	3.000000	50.373333	4.0000000
## 6121	4.000000	50.933333	0.0000000
## 6122	4.000000	45.800000	2.0000000
## 6123	0.000000	0.000000	0.0000000
## 6124	1.000000	0.000000	1.0000000
## 6125	7.000000	397.264444	1.0000000
## 6126	7.000000	105.466667	0.0000000
## 6127	9.000000	306.460000	0.0000000
## 6128	3.000000	67.866667	2.0000000
## 6129	5.000000	140.600000	0.0000000
## 6130	5.000000	60.800000	0.0000000
## 6131	0.000000	0.000000	0.0000000
## 6132	0.000000	0.000000	0.0000000
## 6133	3.000000	96.800000	0.0000000
## 6134	9.000000	779.000000	0.0000000
## 6135	7.000000	778.400000	0.0000000
## 6136	2.000000	28.057143	0.0000000
## 6137	0.000000	0.000000	0.0000000
## 6138	2.000000	76.600000	0.0000000
## 6139	2.000000	134.000000	0.0000000
## 6140	1.000000	18.200000	0.0000000
## 6141	5.000000	368.400000	0.0000000
## 6142	7.000000	54.333333	0.0000000
## 6143	5.000000	87.800000	0.0000000
## 6144	7.000000	58.600000	0.0000000
## 6145	0.000000	0.000000	0.0000000
## 6146	2.000000	190.400000	1.0000000
## 6147	0.000000	0.000000	0.0000000
## 6148	0.000000	0.000000	0.0000000

## 6149	2.000000	213.600000	4.0000000
## 6150	14.000000	293.633333	3.0000000
## 6151	2.000000	7.000000	0.0000000
## 6152	1.000000	22.200000	0.0000000
## 6153	0.000000	0.000000	0.0000000
## 6154	0.000000	0.000000	0.0000000
## 6155	8.000000	126.000000	1.0000000
## 6156	4.000000	54.933333	0.0000000
## 6157	0.000000	0.000000	0.0000000
## 6158	1.000000	27.200000	0.0000000
## 6159	6.000000	322.350000	0.0000000
## 6160	1.000000	52.400000	0.0000000
## 6161	9.000000	96.186667	1.0000000
## 6162	16.000000	254.253245	3.0000000
## 6163	4.000000	169.200000	0.0000000
## 6164	3.000000	86.950000	6.0000000
## 6165	5.000000	49.800000	0.0000000
## 6166	2.000000	15.000000	0.0000000
## 6167	0.000000	0.000000	1.0000000
## 6168	2.000000	298.200000	0.0000000
## 6169	4.000000	275.100000	1.0000000
## 6170	1.000000	29.200000	1.0000000
## 6171	2.000000	53.400000	0.0000000
## 6172	2.000000	46.400000	0.0000000
## 6173	5.000000	118.900000	4.0000000
## 6174	11.000000	169.883333	2.0000000
## 6175	1.000000	0.000000	0.0000000
## 6176	1.000000	12.000000	0.0000000
## 6177	1.000000	21.200000	0.0000000
## 6178	1.000000	26.200000	0.0000000
## 6179	4.000000	206.066667	0.0000000
## 6180	1.000000	3.000000	0.0000000
## 6181	0.000000	-1.000000	0.0000000
## 6182	10.000000	264.900000	1.0000000
## 6183	0.000000	0.000000	0.0000000
## 6184	0.000000	0.000000	0.0000000
## 6185	0.000000	0.000000	0.0000000
## 6186	1.000000	29.200000	0.0000000
## 6187	7.000000	101.083333	0.0000000
## 6188	0.000000	0.000000	0.0000000
## 6189	0.000000	0.000000	0.0000000
## 6190	1.000000	39.200000	0.0000000
## 6191	6.000000	333.540000	0.0000000
## 6192	12.000000	569.825000	0.0000000
## 6193	4.000000	48.800000	0.0000000
## 6194	15.000000	304.583333	0.0000000
## 6195	1.000000	18.200000	0.0000000
## 6196	0.000000	0.000000	0.0000000
## 6197	2.000000	28.200000	0.0000000
## 6198	2.000000	82.600000	6.0000000
## 6199	5.000000	39.800000	2.0000000
## 6200	0.000000	0.000000	0.0000000
## 6201	1.000000	0.000000	0.0000000
## 6202	3.000000	81.400000	0.0000000

## 6203	0.000000	0.000000	1.0000000
## 6204	0.000000	0.000000	0.0000000
## 6205	3.000000	48.400000	0.0000000
## 6206	1.000000	11.100000	0.0000000
## 6207	2.000000	53.850000	0.0000000
## 6208	0.000000	0.000000	0.0000000
## 6209	8.000000	89.900000	3.0000000
## 6210	2.000000	23.200000	0.0000000
## 6211	1.000000	29.200000	0.0000000
## 6212	0.000000	0.000000	0.0000000
## 6213	2.000000	27.466667	3.0000000
## 6214	5.000000	419.000000	0.0000000
## 6215	0.000000	0.000000	0.0000000
## 6216	2.000000	61.480000	0.0000000
## 6217	6.000000	268.950000	2.0000000
## 6218	9.000000	178.520000	3.0000000
## 6219	2.000000	175.200000	0.0000000
## 6220	4.000000	228.720000	0.0000000
## 6221	3.000000	80.600000	0.0000000
## 6222	8.000000	146.533333	0.0000000
## 6223	0.000000	0.000000	1.0000000
## 6224	8.000000	101.142857	0.0000000
## 6225	11.000000	201.840000	0.0000000
## 6226	1.000000	129.360000	0.0000000
## 6227	7.000000	142.350000	0.0000000
## 6228	0.000000	0.000000	0.0000000
## 6229	1.000000	32.200000	0.0000000
## 6230	3.000000	55.333333	0.0000000
## 6231	9.000000	103.933333	0.0000000
## 6232	21.000000	157.888333	3.0000000
## 6233	0.000000	0.000000	0.0000000
## 6234	4.000000	82.466667	0.0000000
## 6235	0.000000	0.000000	0.0000000
## 6236	0.000000	0.000000	0.0000000
## 6237	1.000000	94.800000	0.0000000
## 6238	1.000000	21.200000	0.0000000
## 6239	2.000000	69.000000	0.0000000
## 6240	8.000000	115.200000	1.0000000
## 6241	4.000000	118.800000	0.0000000
## 6242	0.000000	0.000000	0.0000000
## 6243	8.000000	296.860000	8.0000000
## 6244	0.000000	0.000000	0.0000000
## 6245	11.000000	361.600000	4.0000000
## 6246	7.000000	61.080000	0.0000000
## 6247	6.000000	71.500000	0.0000000
## 6248	0.000000	0.000000	0.0000000
## 6249	10.000000	168.906667	2.0000000
## 6250	2.000000	42.400000	0.0000000
## 6251	5.000000	34.442424	0.0000000
## 6252	1.000000	7.000000	2.0000000
## 6253	7.000000	99.800000	5.0000000
## 6254	0.000000	0.000000	0.0000000
## 6255	0.000000	0.000000	0.0000000
## 6256	2.000000	43.200000	1.0000000

## 6257	2.000000	56.400000	1.0000000
## 6258	3.000000	84.500000	0.0000000
## 6259	0.000000	0.000000	0.0000000
## 6260	1.000000	28.200000	0.0000000
## 6261	1.000000	20.200000	6.0000000
## 6262	2.000000	58.400000	0.0000000
## 6263	0.000000	0.000000	0.0000000
## 6264	3.000000	40.550000	0.0000000
## 6265	1.000000	23.200000	0.0000000
## 6266	0.000000	0.000000	0.0000000
## 6267	0.000000	0.000000	0.0000000
## 6268	11.000000	471.626667	4.0000000
## 6269	2.000000	241.600000	0.0000000
## 6270	0.000000	0.000000	0.0000000
## 6271	4.000000	65.400000	0.0000000
## 6272	4.000000	12.000000	0.0000000
## 6273	0.000000	0.000000	0.0000000
## 6274	4.000000	60.200000	0.0000000
## 6275	7.000000	56.300000	0.0000000
## 6276	3.000000	117.800000	0.0000000
## 6277	0.000000	0.000000	0.0000000
## 6278	0.000000	0.000000	0.0000000
## 6279	9.000000	179.378571	0.0000000
## 6280	0.000000	0.000000	3.0000000
## 6281	3.000000	98.600000	0.0000000
## 6282	3.000000	29.440000	1.0000000
## 6283	6.000000	158.670450	1.0000000
## 6284	2.000000	24.200000	0.0000000
## 6285	1.000000	27.200000	0.0000000
## 6286	2.000000	20.200000	0.0000000
## 6287	0.000000	0.000000	0.0000000
## 6288	3.000000	356.600000	0.0000000
## 6289	2.000000	24.000000	0.0000000
## 6290	0.000000	0.000000	0.0000000
## 6291	1.000000	249.800000	2.0000000
## 6292	8.000000	315.845679	4.0000000
## 6293	1.000000	0.000000	2.0000000
## 6294	1.000000	15.100000	0.0000000
## 6295	4.000000	19.800000	0.0000000
## 6296	0.000000	0.000000	0.0000000
## 6297	0.000000	0.000000	0.0000000
## 6298	0.000000	0.000000	0.0000000
## 6299	2.000000	34.200000	0.0000000
## 6300	4.000000	143.066667	1.0000000
## 6301	4.000000	65.680000	1.0000000
## 6302	2.000000	115.200000	0.0000000
## 6303	0.000000	0.000000	0.0000000
## 6304	1.000000	0.000000	3.0000000
## 6305	7.000000	140.900000	1.0000000
## 6306	1.000000	11.000000	0.0000000
## 6307	3.000000	32.000000	0.0000000
## 6308	3.000000	66.333333	0.0000000
## 6309	2.000000	12.100000	0.0000000
## 6310	7.000000	98.733333	2.0000000

## 6311	0.000000	0.000000	0.000000
## 6312	0.000000	0.000000	0.000000
## 6313	0.000000	0.000000	0.000000
## 6314	1.000000	64.400000	0.000000
## 6315	3.000000	145.200000	0.000000
## 6316	0.000000	0.000000	0.000000
## 6317	0.000000	0.000000	0.000000
## 6318	2.000000	24.200000	0.000000
## 6319	0.000000	0.000000	0.000000
## 6320	0.000000	0.000000	0.000000
## 6321	1.000000	8.000000	0.000000
## 6322	2.000000	58.400000	0.000000
## 6323	0.000000	0.000000	0.000000
## 6324	3.000000	184.733333	0.000000
## 6325	0.000000	0.000000	0.000000
## 6326	5.000000	75.663492	0.000000
## 6327	2.000000	49.400000	0.000000
## 6328	1.000000	50.400000	0.000000
## 6329	4.000000	123.400000	0.000000
## 6330	0.000000	0.000000	0.000000
## 6331	1.000000	10.000000	0.000000
## 6332	6.000000	432.200000	0.000000
## 6333	2.000000	139.000000	0.000000
## 6334	11.000000	251.309091	2.000000
## 6335	0.000000	0.000000	0.000000
## 6336	0.000000	0.000000	0.000000
## 6337	2.000000	36.400000	0.000000
## 6338	0.000000	0.000000	0.000000
## 6339	3.000000	113.100000	0.000000
## 6340	3.000000	38.300000	0.000000
## 6341	2.000000	43.733333	0.000000
## 6342	10.000000	131.340000	2.000000
## 6343	7.000000	136.500000	1.000000
## 6344	4.000000	275.100000	2.000000
## 6345	0.000000	0.000000	0.000000
## 6346	11.000000	385.566667	0.000000
## 6347	4.000000	59.533333	0.000000
## 6348	0.000000	0.000000	0.000000
## 6349	1.000000	54.400000	0.000000
## 6350	2.000000	64.400000	0.000000
## 6351	2.000000	31.200000	2.000000
## 6352	0.000000	0.000000	0.000000
## 6353	3.000000	16.000000	0.000000
## 6354	1.000000	0.000000	0.000000
## 6355	0.000000	0.000000	0.000000
## 6356	7.000000	119.400000	0.000000
## 6357	3.000000	23.200000	0.000000
## 6358	1.000000	22.200000	2.000000
## 6359	3.000000	82.957143	0.000000
## 6360	1.000000	2.000000	0.000000
## 6361	0.000000	0.000000	0.000000
## 6362	0.000000	0.000000	0.000000
## 6363	0.000000	0.000000	0.000000
## 6364	1.000000	68.600000	1.000000

## 6365	1.000000	4.000000	1.0000000
## 6366	3.000000	60.400000	0.0000000
## 6367	2.000000	89.333333	0.0000000
## 6368	2.000000	66.266667	1.0000000
## 6369	7.000000	98.466667	0.0000000
## 6370	0.000000	0.000000	0.0000000
## 6371	7.000000	667.250000	0.0000000
## 6372	0.000000	0.000000	0.0000000
## 6373	6.000000	206.030000	0.0000000
## 6374	3.000000	82.600000	0.0000000
## 6375	13.000000	498.900000	0.0000000
## 6376	2.000000	109.800000	0.0000000
## 6377	8.000000	115.700000	0.0000000
## 6378	15.000000	149.031609	2.0000000
## 6379	2.000000	20.200000	0.0000000
## 6380	3.000000	86.100000	2.0000000
## 6381	0.000000	0.000000	0.0000000
## 6382	0.000000	0.000000	0.0000000
## 6383	11.000000	903.700000	1.0000000
## 6384	0.000000	0.000000	0.0000000
## 6385	1.000000	73.600000	1.0000000
## 6386	0.000000	0.000000	0.0000000
## 6387	2.000000	28.200000	0.0000000
## 6388	9.000000	236.800000	0.0000000
## 6389	2.000000	24.133333	0.0000000
## 6390	3.000000	23.000000	0.0000000
## 6391	0.000000	0.000000	0.0000000
## 6392	3.000000	80.600000	2.0000000
## 6393	0.000000	0.000000	0.0000000
## 6394	6.000000	82.011111	2.0000000
## 6395	14.000000	416.200000	0.0000000
## 6396	0.000000	0.000000	0.0000000
## 6397	7.000000	125.453333	1.0000000
## 6398	3.000000	319.400000	1.0000000
## 6399	4.000000	117.800000	0.0000000
## 6400	2.000000	126.000000	1.0000000
## 6401	1.000000	4.000000	0.0000000
## 6402	0.000000	0.000000	0.0000000
## 6403	7.000000	114.200000	0.0000000
## 6404	0.000000	0.000000	0.0000000
## 6405	2.000000	165.200000	0.0000000
## 6406	0.000000	0.000000	0.0000000
## 6407	2.000000	191.400000	0.0000000
## 6408	14.000000	484.461579	2.0000000
## 6409	15.000000	419.179525	0.0000000
## 6410	4.000000	149.950000	0.0000000
## 6411	5.000000	36.866667	0.0000000
## 6412	3.000000	79.600000	0.0000000
## 6413	0.000000	0.000000	0.0000000
## 6414	5.000000	69.600000	3.0000000
## 6415	2.000000	58.400000	0.0000000
## 6416	3.000000	202.133333	0.0000000
## 6417	0.000000	0.000000	0.0000000
## 6418	1.000000	34.300000	0.0000000

## 6419	0.000000	0.000000	3.0000000
## 6420	3.000000	70.933333	3.0000000
## 6421	13.000000	243.650000	0.0000000
## 6422	0.000000	0.000000	0.0000000
## 6423	10.000000	170.150000	0.0000000
## 6424	0.000000	0.000000	0.0000000
## 6425	1.000000	134.000000	0.0000000
## 6426	0.000000	0.000000	0.0000000
## 6427	2.000000	67.500000	2.0000000
## 6428	0.000000	0.000000	0.0000000
## 6429	1.000000	30.200000	0.0000000
## 6430	3.000000	49.200000	0.0000000
## 6431	2.000000	81.600000	1.0000000
## 6432	3.000000	98.100000	2.0000000
## 6433	2.000000	67.000000	0.0000000
## 6434	10.000000	706.556667	0.0000000
## 6435	0.000000	0.000000	2.0000000
## 6436	0.000000	0.000000	0.0000000
## 6437	0.000000	0.000000	0.0000000
## 6438	2.000000	88.600000	0.0000000
## 6439	7.000000	155.000000	0.0000000
## 6440	0.000000	0.000000	0.0000000
## 6441	5.000000	49.200000	4.0000000
## 6442	2.000000	84.600000	0.0000000
## 6443	1.000000	85.100000	0.0000000
## 6444	0.000000	0.000000	0.0000000
## 6445	0.000000	0.000000	0.0000000
## 6446	2.000000	24.200000	0.0000000
## 6447	0.000000	0.000000	2.0000000
## 6448	1.000000	31.200000	0.0000000
## 6449	2.000000	91.900000	0.0000000
## 6450	2.000000	31.600000	0.0000000
## 6451	2.000000	99.200000	0.0000000
## 6452	6.000000	175.100000	0.0000000
## 6453	0.000000	0.000000	0.0000000
## 6454	0.000000	0.000000	0.0000000
## 6455	10.000000	80.066667	1.0000000
## 6456	4.000000	70.500000	0.0000000
## 6457	6.000000	128.500000	1.0000000
## 6458	0.000000	0.000000	0.0000000
## 6459	0.000000	0.000000	0.0000000
## 6460	1.000000	23.200000	0.0000000
## 6461	4.000000	11.000000	0.0000000
## 6462	0.000000	0.000000	0.0000000
## 6463	5.000000	173.966667	0.0000000
## 6464	5.000000	174.300000	0.0000000
## 6465	1.000000	7.000000	0.0000000
## 6466	5.000000	415.550000	0.0000000
## 6467	2.000000	21.200000	0.0000000
## 6468	1.000000	59.400000	0.0000000
## 6469	5.000000	115.800000	0.0000000
## 6470	5.000000	399.200000	2.0000000
## 6471	5.000000	106.900000	0.0000000
## 6472	0.000000	0.000000	0.0000000

## 6473	0.000000	0.000000	0.000000
## 6474	5.000000	32.000000	0.000000
## 6475	4.000000	54.400000	0.000000
## 6476	2.000000	217.866667	0.000000
## 6477	0.000000	0.000000	0.000000
## 6478	3.000000	212.600000	0.000000
## 6479	1.000000	160.200000	0.000000
## 6480	8.000000	85.482234	1.000000
## 6481	0.000000	0.000000	0.000000
## 6482	1.000000	169.200000	0.000000
## 6483	8.000000	125.733333	0.000000
## 6484	1.000000	22.200000	0.000000
## 6485	0.000000	0.000000	0.000000
## 6486	3.000000	86.600000	0.000000
## 6487	10.000000	154.022917	0.000000
## 6488	3.000000	132.920000	4.000000
## 6489	14.000000	260.736111	3.000000
## 6490	0.000000	0.000000	0.000000
## 6491	0.000000	0.000000	0.000000
## 6492	9.000000	162.625000	0.000000
## 6493	3.000000	72.600000	0.000000
## 6494	3.000000	92.600000	0.000000
## 6495	0.000000	0.000000	0.000000
## 6496	2.000000	4.000000	0.000000
## 6497	5.000000	43.000000	0.000000
## 6498	0.000000	0.000000	0.000000
## 6499	0.000000	0.000000	0.000000
## 6500	4.000000	81.600000	0.000000
## 6501	0.000000	0.000000	2.000000
## 6502	0.000000	0.000000	0.000000
## 6503	2.000000	287.500000	2.000000
## 6504	6.000000	189.800000	0.000000
## 6505	8.000000	129.900000	0.000000
## 6506	3.000000	50.066667	0.000000
## 6507	0.000000	0.000000	0.000000
## 6508	1.000000	3.000000	0.000000
## 6509	3.000000	35.200000	0.000000
## 6510	5.000000	31.700000	3.000000
## 6511	6.000000	159.700000	1.000000
## 6512	5.000000	246.600000	0.000000
## 6513	2.000000	227.600000	0.000000
## 6514	9.000000	215.500000	1.000000
## 6515	0.000000	0.000000	0.000000
## 6516	1.000000	28.200000	1.000000
## 6517	8.000000	173.411551	0.000000
## 6518	1.000000	0.000000	0.000000
## 6519	8.000000	217.400000	2.000000
## 6520	2.000000	22.200000	0.000000
## 6521	0.000000	0.000000	0.000000
## 6522	18.000000	608.140000	6.000000
## 6523	3.000000	444.700000	0.000000
## 6524	8.000000	376.333333	3.000000
## 6525	1.000000	81.600000	0.000000
## 6526	2.000000	31.100000	3.000000

## 6527	0.000000	0.000000	0.000000
## 6528	9.000000	294.658788	2.000000
## 6529	2.000000	23.200000	0.000000
## 6530	0.000000	0.000000	0.000000
## 6531	3.000000	47.200000	0.000000
## 6532	0.000000	0.000000	0.000000
## 6533	0.000000	0.000000	0.000000
## 6534	16.000000	314.505000	0.000000
## 6535	0.000000	0.000000	0.000000
## 6536	0.000000	0.000000	0.000000
## 6537	0.000000	0.000000	2.000000
## 6538	0.000000	0.000000	0.000000
## 6539	2.000000	140.166667	4.000000
## 6540	10.000000	515.613333	3.000000
## 6541	0.000000	0.000000	0.000000
## 6542	2.000000	20.200000	0.000000
## 6543	1.000000	19.200000	0.000000
## 6544	1.000000	47.400000	0.000000
## 6545	0.000000	0.000000	0.000000
## 6546	7.000000	168.700000	0.000000
## 6547	0.000000	0.000000	0.000000
## 6548	5.000000	178.920000	1.000000
## 6549	0.000000	0.000000	0.000000
## 6550	2.000000	26.200000	0.000000
## 6551	0.000000	0.000000	0.000000
## 6552	7.000000	46.300000	0.000000
## 6553	0.000000	0.000000	0.000000
## 6554	5.000000	209.200000	0.000000
## 6555	0.000000	0.000000	0.000000
## 6556	2.000000	55.400000	2.000000
## 6557	0.000000	0.000000	0.000000
## 6558	0.000000	0.000000	0.000000
## 6559	7.000000	103.600000	0.000000
## 6560	2.000000	182.400000	0.000000
## 6561	15.000000	190.550000	2.000000
## 6562	5.000000	161.107692	5.000000
## 6563	2.000000	33.200000	0.000000
## 6564	0.000000	0.000000	0.000000
## 6565	8.000000	308.585965	0.000000
## 6566	4.000000	1660.300000	0.000000
## 6567	2.000000	36.200000	0.000000
## 6568	13.000000	913.522222	3.000000
## 6569	0.000000	0.000000	0.000000
## 6570	6.000000	180.066667	0.000000
## 6571	1.000000	20.200000	0.000000
## 6572	0.000000	0.000000	0.000000
## 6573	0.000000	0.000000	0.000000
## 6574	0.000000	0.000000	0.000000
## 6575	5.000000	74.400000	0.000000
## 6576	0.000000	0.000000	0.000000
## 6577	3.000000	94.600000	0.000000
## 6578	0.000000	0.000000	1.000000
## 6579	2.000000	73.958333	0.000000
## 6580	0.000000	0.000000	0.000000

## 6581	0.000000	0.000000	0.0000000
## 6582	9.000000	177.200000	0.0000000
## 6583	0.000000	0.000000	0.0000000
## 6584	4.000000	94.866667	0.0000000
## 6585	2.000000	33.400000	0.0000000
## 6586	2.000000	143.800000	2.0000000
## 6587	7.000000	327.235714	4.0000000
## 6588	2.000000	16.200000	0.0000000
## 6589	0.000000	0.000000	0.0000000
## 6590	0.000000	0.000000	0.0000000
## 6591	5.000000	57.400000	0.0000000
## 6592	7.000000	186.666667	7.0000000
## 6593	3.000000	54.800000	1.0000000
## 6594	1.000000	27.200000	0.0000000
## 6595	19.000000	341.816667	1.0000000
## 6596	4.000000	80.600000	0.0000000
## 6597	0.000000	0.000000	1.0000000
## 6598	0.000000	0.000000	0.0000000
## 6599	3.000000	240.800000	1.0000000
## 6600	1.000000	0.000000	0.0000000
## 6601	3.000000	16.000000	0.0000000
## 6602	0.000000	0.000000	1.0000000
## 6603	1.000000	52.400000	0.0000000
## 6604	1.000000	8.000000	0.0000000
## 6605	20.000000	199.456273	7.0000000
## 6606	3.000000	666.200000	5.0000000
## 6607	3.000000	5.000000	0.0000000
## 6608	6.000000	446.383333	0.0000000
## 6609	3.000000	106.600000	0.0000000
## 6610	12.000000	221.727917	4.0000000
## 6611	0.000000	0.000000	0.0000000
## 6612	18.000000	167.000000	0.0000000
## 6613	1.000000	5.000000	0.0000000
## 6614	10.000000	141.633333	0.0000000
## 6615	2.000000	35.300000	0.0000000
## 6616	1.000000	26.200000	0.0000000
## 6617	2.000000	46.400000	0.0000000
## 6618	0.000000	0.000000	1.0000000
## 6619	0.000000	0.000000	2.0000000
## 6620	2.000000	137.000000	0.0000000
## 6621	0.000000	0.000000	0.0000000
## 6622	0.000000	0.000000	0.0000000
## 6623	0.000000	0.000000	0.0000000
## 6624	3.000000	103.600000	0.0000000
## 6625	0.000000	0.000000	0.0000000
## 6626	0.000000	0.000000	0.0000000
## 6627	6.000000	141.000000	0.0000000
## 6628	4.000000	391.300000	0.0000000
## 6629	6.000000	73.300000	1.0000000
## 6630	4.000000	40.200000	1.0000000
## 6631	2.000000	178.300000	2.0000000
## 6632	4.000000	176.913333	1.0000000
## 6633	3.000000	26.700000	2.0000000
## 6634	12.000000	178.650000	0.0000000

## 6635	4.000000	72.295238	1.0000000
## 6636	6.000000	130.000000	2.0000000
## 6637	0.000000	0.000000	0.0000000
## 6638	0.000000	0.000000	0.0000000
## 6639	0.000000	0.000000	0.0000000
## 6640	7.000000	351.083333	1.0000000
## 6641	0.000000	0.000000	0.0000000
## 6642	0.000000	0.000000	0.0000000
## 6643	3.000000	113.800000	0.0000000
## 6644	0.000000	0.000000	0.0000000
## 6645	7.000000	143.280000	0.0000000
## 6646	5.000000	141.140000	0.0000000
## 6647	7.000000	135.283333	3.0000000
## 6648	10.000000	519.000000	0.0000000
## 6649	0.000000	0.000000	2.0000000
## 6650	2.000000	76.600000	0.0000000
## 6651	2.000000	49.400000	2.0000000
## 6652	0.000000	0.000000	0.0000000
## 6653	1.000000	29.533333	0.0000000
## 6654	2.000000	35.200000	2.0000000
## 6655	4.000000	40.200000	1.0000000
## 6656	0.000000	0.000000	0.0000000
## 6657	1.000000	24.200000	0.0000000
## 6658	1.000000	216.600000	0.0000000
## 6659	0.000000	0.000000	0.0000000
## 6660	4.000000	98.600000	0.0000000
## 6661	3.000000	79.400000	0.0000000
## 6662	9.000000	122.517143	0.0000000
## 6663	4.000000	107.800000	3.0000000
## 6664	0.000000	0.000000	0.0000000
## 6665	5.000000	69.800000	0.0000000
## 6666	0.000000	0.000000	5.0000000
## 6667	0.000000	0.000000	0.0000000
## 6668	0.000000	0.000000	0.0000000
## 6669	6.000000	202.100000	0.0000000
## 6670	5.000000	85.166667	4.0000000
## 6671	2.000000	27.200000	0.0000000
## 6672	1.000000	92.600000	0.0000000
## 6673	4.000000	136.500000	0.0000000
## 6674	3.000000	55.050000	0.0000000
## 6675	1.000000	16.200000	1.0000000
## 6676	0.000000	0.000000	0.0000000
## 6677	4.000000	21.100000	2.0000000
## 6678	12.000000	430.157017	14.0000000
## 6679	0.000000	0.000000	0.0000000
## 6680	1.000000	71.600000	0.0000000
## 6681	5.000000	53.300000	0.0000000
## 6682	1.000000	7.000000	0.0000000
## 6683	1.000000	175.480000	0.0000000
## 6684	4.000000	96.400000	2.0000000
## 6685	8.000000	287.700000	0.0000000
## 6686	12.000000	150.133333	0.0000000
## 6687	2.000000	70.600000	0.0000000
## 6688	3.000000	42.200000	0.0000000

## 6689	0.000000	0.000000	0.0000000
## 6690	2.000000	83.400000	2.0000000
## 6691	13.000000	140.550000	1.0000000
## 6692	9.000000	449.816667	0.0000000
## 6693	7.000000	123.433333	0.0000000
## 6694	3.000000	67.400000	0.0000000
## 6695	0.000000	0.000000	0.0000000
## 6696	1.000000	78.600000	0.0000000
## 6697	6.000000	52.700000	0.0000000
## 6698	7.000000	76.150000	0.0000000
## 6699	10.000000	81.366667	0.0000000
## 6700	3.000000	61.650000	7.0000000
## 6701	8.000000	187.700000	0.0000000
## 6702	10.000000	579.133333	0.0000000
## 6703	1.000000	146.000000	0.0000000
## 6704	0.000000	0.000000	0.0000000
## 6705	0.000000	0.000000	0.0000000
## 6706	4.000000	20.066667	1.0000000
## 6707	5.000000	79.700000	0.0000000
## 6708	8.000000	161.668571	0.0000000
## 6709	3.000000	267.500000	0.0000000
## 6710	3.000000	285.200000	0.0000000
## 6711	1.000000	28.200000	0.0000000
## 6712	13.000000	246.533333	0.0000000
## 6713	5.000000	113.700000	0.0000000
## 6714	10.000000	215.244507	2.0000000
## 6715	2.000000	29.866667	2.0000000
## 6716	0.000000	0.000000	0.0000000
## 6717	0.000000	0.000000	0.0000000
## 6718	4.000000	53.400000	2.0000000
## 6719	2.000000	128.800000	2.0000000
## 6720	3.000000	213.000000	0.0000000
## 6721	1.000000	82.600000	0.0000000
## 6722	1.000000	0.000000	0.0000000
## 6723	14.000000	337.580000	0.0000000
## 6724	5.000000	69.900000	0.0000000
## 6725	3.000000	93.800000	0.0000000
## 6726	2.000000	76.600000	0.0000000
## 6727	1.000000	46.400000	0.0000000
## 6728	1.000000	18.200000	0.0000000
## 6729	0.000000	0.000000	0.0000000
## 6730	10.000000	214.783333	3.0000000
## 6731	0.000000	0.000000	0.0000000
## 6732	3.000000	420.100000	2.0000000
## 6733	0.000000	0.000000	1.0000000
## 6734	0.000000	0.000000	0.0000000
## 6735	0.000000	0.000000	0.0000000
## 6736	6.000000	88.600000	0.0000000
## 6737	1.000000	156.200000	0.0000000
## 6738	4.000000	264.133333	1.0000000
## 6739	0.000000	0.000000	0.0000000
## 6740	0.000000	0.000000	0.0000000
## 6741	13.000000	255.915929	0.0000000
## 6742	0.000000	0.000000	0.0000000

## 6743	5.000000	61.400000	1.0000000
## 6744	1.000000	12.000000	0.0000000
## 6745	19.000000	230.394836	3.0000000
## 6746	0.000000	0.000000	3.0000000
## 6747	1.000000	19.200000	0.0000000
## 6748	0.000000	0.000000	0.0000000
## 6749	1.000000	21.200000	1.0000000
## 6750	1.000000	20.200000	0.0000000
## 6751	0.000000	0.000000	0.0000000
## 6752	11.000000	734.633333	0.0000000
## 6753	0.000000	0.000000	0.0000000
## 6754	11.000000	104.973333	2.0000000
## 6755	3.000000	57.500000	2.0000000
## 6756	1.000000	23.200000	0.0000000
## 6757	1.000000	15.200000	2.0000000
## 6758	0.000000	0.000000	2.0000000
## 6759	9.000000	132.050000	4.0000000
## 6760	0.000000	0.000000	0.0000000
## 6761	0.000000	0.000000	1.0000000
## 6762	3.000000	58.400000	0.0000000
## 6763	5.000000	224.800000	0.0000000
## 6764	4.000000	49.300000	0.0000000
## 6765	4.000000	242.800000	0.0000000
## 6766	1.000000	56.400000	1.0000000
## 6767	2.000000	91.650000	0.0000000
## 6768	0.000000	0.000000	0.0000000
## 6769	8.000000	86.061905	2.0000000
## 6770	6.000000	231.900000	0.0000000
## 6771	4.000000	151.800000	0.0000000
## 6772	0.000000	0.000000	1.0000000
## 6773	11.000000	1305.114737	4.0000000
## 6774	0.000000	0.000000	0.0000000
## 6775	5.000000	109.400000	4.0000000
## 6776	4.000000	76.800000	0.0000000
## 6777	0.000000	0.000000	0.0000000
## 6778	0.000000	0.000000	0.0000000
## 6779	1.000000	6.000000	0.0000000
## 6780	0.000000	0.000000	0.0000000
## 6781	3.000000	120.600000	3.0000000
## 6782	4.000000	110.566667	0.0000000
## 6783	8.000000	146.600000	1.0000000
## 6784	5.000000	147.400000	0.0000000
## 6785	3.000000	47.800000	0.0000000
## 6786	0.000000	0.000000	0.0000000
## 6787	2.000000	37.000000	0.0000000
## 6788	0.000000	0.000000	0.0000000
## 6789	11.000000	213.972222	4.0000000
## 6790	10.000000	1427.025000	1.0000000
## 6791	14.000000	295.200000	3.0000000
## 6792	8.000000	196.550000	0.0000000
## 6793	2.000000	19.100000	0.0000000
## 6794	6.000000	32.066667	0.0000000
## 6795	0.000000	0.000000	0.0000000
## 6796	1.000000	22.200000	0.0000000

## 6797	4.000000	253.150000	0.0000000
## 6798	8.000000	293.000000	0.0000000
## 6799	3.000000	46.400000	0.0000000
## 6800	0.000000	0.000000	0.0000000
## 6801	1.000000	4.000000	0.0000000
## 6802	1.000000	10.000000	0.0000000
## 6803	9.000000	275.740000	1.0000000
## 6804	5.000000	327.400000	0.0000000
## 6805	4.000000	183.600000	0.0000000
## 6806	7.000000	132.000000	4.0000000
## 6807	6.000000	101.200000	2.0000000
## 6808	1.000000	12.600000	0.0000000
## 6809	3.000000	59.500000	0.0000000
## 6810	5.000000	28.583333	0.0000000
## 6811	3.000000	10.000000	0.0000000
## 6812	11.000000	92.101515	0.0000000
## 6813	8.000000	279.280000	0.0000000
## 6814	9.000000	410.550000	0.0000000
## 6815	4.000000	131.000000	0.0000000
## 6816	0.000000	0.000000	0.0000000
## 6817	1.000000	20.200000	0.0000000
## 6818	11.000000	155.600000	0.0000000
## 6819	14.000000	1097.016667	1.0000000
## 6820	0.000000	0.000000	1.0000000
## 6821	2.000000	253.066667	1.0000000
## 6822	1.000000	5.000000	0.0000000
## 6823	3.000000	83.600000	0.0000000
## 6824	1.000000	0.000000	0.0000000
## 6825	4.000000	102.200000	0.0000000
## 6826	17.000000	96.160606	5.0000000
## 6827	5.000000	176.680000	3.0000000
## 6828	1.000000	54.900000	0.0000000
## 6829	0.000000	0.000000	2.0000000
## 6830	1.000000	150.200000	1.0000000
## 6831	1.000000	27.200000	0.0000000
## 6832	7.000000	257.400000	0.0000000
## 6833	2.000000	10.771429	0.0000000
## 6834	1.000000	88.700000	0.0000000
## 6835	3.000000	251.814286	2.0000000
## 6836	2.000000	119.800000	1.0000000
## 6837	0.000000	0.000000	0.0000000
## 6838	1.000000	9.000000	0.0000000
## 6839	6.000000	287.000000	0.0000000
## 6840	3.000000	35.400000	0.0000000
## 6841	0.000000	0.000000	0.0000000
## 6842	11.000000	344.100000	2.0000000
## 6843	0.000000	0.000000	0.0000000
## 6844	0.000000	0.000000	0.0000000
## 6845	3.000000	119.029508	2.0000000
## 6846	4.000000	133.800000	0.0000000
## 6847	0.000000	0.000000	0.0000000
## 6848	5.000000	62.600000	0.0000000
## 6849	0.000000	0.000000	0.0000000
## 6850	4.000000	62.000000	1.0000000

## 6851	0.000000	0.000000	0.000000
## 6852	2.000000	68.600000	0.000000
## 6853	10.000000	78.900000	0.000000
## 6854	5.000000	85.166667	1.000000
## 6855	1.000000	19.600000	0.000000
## 6856	14.000000	88.190476	5.000000
## 6857	4.000000	104.200000	0.000000
## 6858	3.000000	90.600000	0.000000
## 6859	8.000000	456.900000	0.000000
## 6860	0.000000	0.000000	0.000000
## 6861	13.000000	428.022222	2.000000
## 6862	13.000000	205.700000	0.000000
## 6863	0.000000	0.000000	0.000000
## 6864	5.000000	39.700000	0.000000
## 6865	1.000000	51.400000	0.000000
## 6866	0.000000	0.000000	0.000000
## 6867	0.000000	0.000000	0.000000
## 6868	8.000000	221.330000	2.000000
## 6869	3.000000	46.900000	0.000000
## 6870	9.000000	124.426667	0.000000
## 6871	4.000000	82.000000	0.000000
## 6872	0.000000	0.000000	0.000000
## 6873	0.000000	0.000000	0.000000
## 6874	4.000000	31.600000	0.000000
## 6875	0.000000	0.000000	0.000000
## 6876	4.000000	659.506667	3.000000
## 6877	9.000000	135.100000	0.000000
## 6878	6.000000	360.916667	4.000000
## 6879	16.000000	445.350000	0.000000
## 6880	3.000000	49.400000	0.000000
## 6881	4.000000	76.600000	7.000000
## 6882	3.000000	37.200000	1.000000
## 6883	3.000000	53.400000	0.000000
## 6884	1.000000	0.000000	1.000000
## 6885	3.000000	22.200000	0.000000
## 6886	2.000000	43.200000	0.000000
## 6887	2.000000	58.600000	0.000000
## 6888	1.000000	16.600000	0.000000
## 6889	13.000000	219.475000	0.000000
## 6890	1.000000	0.000000	0.000000
## 6891	6.000000	168.850000	0.000000
## 6892	4.000000	92.100000	2.000000
## 6893	1.000000	3.500000	0.000000
## 6894	0.000000	0.000000	2.000000
## 6895	0.000000	0.000000	0.000000
## 6896	0.000000	0.000000	0.000000
## 6897	0.000000	0.000000	0.000000
## 6898	0.000000	0.000000	0.000000
## 6899	9.000000	299.450000	2.000000
## 6900	0.000000	0.000000	0.000000
## 6901	2.000000	337.600000	0.000000
## 6902	4.000000	120.900000	0.000000
## 6903	3.000000	61.266667	0.000000
## 6904	1.000000	162.200000	0.000000

## 6905	2.000000	43.400000	0.0000000
## 6906	0.000000	0.000000	0.0000000
## 6907	2.000000	57.400000	2.0000000
## 6908	0.000000	0.000000	0.0000000
## 6909	7.000000	109.500000	0.0000000
## 6910	0.000000	0.000000	0.0000000
## 6911	3.000000	67.000000	0.0000000
## 6912	13.000000	314.610714	0.0000000
## 6913	1.000000	26.200000	1.0000000
## 6914	0.000000	0.000000	0.0000000
## 6915	5.000000	113.666667	0.0000000
## 6916	3.000000	97.800000	0.0000000
## 6917	3.000000	49.400000	4.0000000
## 6918	10.000000	549.000000	5.0000000
## 6919	4.000000	70.400000	2.0000000
## 6920	0.000000	0.000000	0.0000000
## 6921	0.000000	0.000000	0.0000000
## 6922	0.000000	0.000000	0.0000000
## 6923	5.000000	52.466667	1.0000000
## 6924	1.000000	0.000000	0.0000000
## 6925	0.000000	0.000000	0.0000000
## 6926	3.000000	59.500000	0.0000000
## 6927	10.000000	593.466667	1.0000000
## 6928	0.000000	0.000000	0.0000000
## 6929	3.000000	76.500000	0.0000000
## 6930	5.000000	44.200000	5.0000000
## 6931	7.000000	398.000000	0.0000000
## 6932	0.000000	0.000000	0.0000000
## 6933	5.000000	20.000000	0.0000000
## 6934	0.000000	0.000000	0.0000000
## 6935	4.000000	54.600000	2.0000000
## 6936	0.000000	0.000000	0.0000000
## 6937	1.000000	43.400000	0.0000000
## 6938	2.000000	74.400000	0.0000000
## 6939	0.000000	0.000000	0.0000000
## 6940	10.000000	128.114286	0.0000000
## 6941	0.000000	0.000000	0.0000000
## 6942	2.000000	287.200000	0.0000000
## 6943	8.000000	43.950000	1.0000000
## 6944	1.000000	29.200000	0.0000000
## 6945	0.000000	0.000000	0.0000000
## 6946	2.000000	70.600000	0.0000000
## 6947	2.000000	46.400000	1.0000000
## 6948	1.000000	5.000000	0.0000000
## 6949	2.000000	46.300000	0.0000000
## 6950	8.000000	66.200000	3.0000000
## 6951	0.000000	0.000000	0.0000000
## 6952	3.000000	51.480000	0.0000000
## 6953	2.000000	39.200000	0.0000000
## 6954	0.000000	0.000000	0.0000000
## 6955	0.000000	0.000000	0.0000000
## 6956	13.000000	345.016667	0.0000000
## 6957	1.000000	119.800000	0.0000000
## 6958	5.000000	218.800000	0.0000000

## 6959	11.000000	373.620000	9.0000000
## 6960	4.000000	193.400000	0.0000000
## 6961	3.000000	318.200000	0.0000000
## 6962	0.000000	0.000000	0.0000000
## 6963	0.000000	0.000000	0.0000000
## 6964	2.000000	24.000000	0.0000000
## 6965	11.000000	225.220000	2.0000000
## 6966	0.000000	0.000000	0.0000000
## 6967	3.000000	49.400000	2.0000000
## 6968	3.000000	63.400000	0.0000000
## 6969	1.000000	7.000000	0.0000000
## 6970	0.000000	0.000000	0.0000000
## 6971	0.000000	0.000000	0.0000000
## 6972	2.000000	141.600000	0.0000000
## 6973	11.000000	240.100000	1.0000000
## 6974	1.000000	0.000000	3.0000000
## 6975	6.000000	109.200000	0.0000000
## 6976	2.000000	75.600000	2.0000000
## 6977	3.000000	346.000000	1.0000000
## 6978	3.000000	60.733333	0.0000000
## 6979	8.000000	114.080000	0.0000000
## 6980	0.000000	0.000000	0.0000000
## 6981	5.000000	91.316667	0.0000000
## 6982	0.000000	0.000000	0.0000000
## 6983	10.000000	170.926357	0.0000000
## 6984	0.000000	0.000000	0.0000000
## 6985	9.000000	146.300000	4.0000000
## 6986	2.000000	35.800000	0.0000000
## 6987	2.000000	72.600000	0.0000000
## 6988	1.000000	23.200000	0.0000000
## 6989	5.000000	153.566667	0.0000000
## 6990	0.000000	0.000000	0.0000000
## 6991	2.000000	23.200000	0.0000000
## 6992	2.000000	174.600000	0.0000000
## 6993	16.000000	178.799550	2.0000000
## 6994	1.000000	128.000000	2.0000000
## 6995	0.000000	0.000000	0.0000000
## 6996	0.000000	0.000000	0.0000000
## 6997	0.000000	0.000000	0.0000000
## 6998	0.000000	0.000000	0.0000000
## 6999	5.000000	390.870000	2.0000000
## 7000	10.000000	291.235714	0.0000000
## 7001	2.000000	60.500000	0.0000000
## 7002	4.000000	218.966667	0.0000000
## 7003	0.000000	0.000000	0.0000000
## 7004	0.000000	0.000000	0.0000000
## 7005	0.000000	0.000000	0.0000000
## 7006	8.000000	101.851111	4.0000000
## 7007	7.000000	405.550000	1.0000000
## 7008	3.000000	75.400000	0.0000000
## 7009	3.000000	75.600000	0.0000000
## 7010	6.000000	85.966667	1.0000000
## 7011	8.000000	192.433333	2.0000000
## 7012	5.000000	136.100000	0.0000000

## 7013	2.000000	40.200000	2.00000000
## 7014	5.000000	473.166667	2.00000000
## 7015	0.000000	0.000000	0.00000000
## 7016	4.000000	341.600000	0.00000000
## 7017	2.000000	25.200000	0.00000000
## 7018	0.000000	0.000000	5.00000000
## 7019	0.000000	0.000000	0.00000000
## 7020	1.000000	41.400000	0.00000000
## 7021	3.000000	79.933333	0.00000000
## 7022	0.000000	0.000000	0.00000000
## 7023	6.000000	202.400000	1.00000000
## 7024	0.000000	0.000000	0.00000000
## 7025	0.000000	0.000000	0.00000000
## 7026	8.000000	134.373333	3.00000000
## 7027	0.000000	0.000000	0.00000000
## 7028	0.000000	0.000000	0.00000000
## 7029	2.000000	20.200000	0.00000000
## 7030	4.000000	93.600000	0.00000000
## 7031	0.000000	0.000000	0.00000000
## 7032	2.000000	168.400000	0.00000000
## 7033	6.000000	109.600000	0.00000000
## 7034	5.000000	56.733333	1.00000000
## 7035	8.000000	111.930000	0.00000000
## 7036	0.000000	0.000000	0.00000000
## 7037	1.000000	28.200000	0.00000000
## 7038	4.000000	338.000000	0.00000000
## 7039	2.000000	180.900000	0.00000000
## 7040	0.000000	0.000000	0.00000000
## 7041	10.000000	337.900000	1.00000000
## 7042	4.000000	130.300000	2.00000000
## 7043	1.000000	0.000000	0.00000000
## 7044	3.000000	48.350000	2.00000000
## 7045	0.000000	0.000000	0.00000000
## 7046	2.000000	30.200000	0.00000000
## 7047	3.000000	177.880000	0.00000000
## 7048	7.000000	234.433333	0.00000000
## 7049	10.000000	380.433333	0.00000000
## 7050	6.000000	102.400000	2.00000000
## 7051	1.000000	149.200000	0.00000000
## 7052	0.000000	0.000000	0.00000000
## 7053	1.000000	122.000000	0.00000000
## 7054	15.000000	382.346667	2.00000000
## 7055	6.000000	266.700000	0.00000000
## 7056	4.000000	504.300000	0.00000000
## 7057	0.000000	0.000000	0.00000000
## 7058	1.000000	23.200000	0.00000000
## 7059	1.000000	82.600000	0.00000000
## 7060	9.000000	87.800000	1.00000000
## 7061	0.000000	0.000000	0.00000000
## 7062	3.000000	250.800000	2.00000000
## 7063	5.000000	170.833333	0.00000000
## 7064	5.000000	256.100000	2.00000000
## 7065	7.000000	312.800000	1.00000000
## 7066	6.000000	259.183333	0.00000000

## 7067	7.000000	301.077778	0.0000000
## 7068	1.000000	106.300000	0.0000000
## 7069	5.000000	116.200000	0.0000000
## 7070	2.000000	39.400000	0.0000000
## 7071	5.000000	81.200000	0.0000000
## 7072	3.000000	41.300000	0.0000000
## 7073	12.000000	98.850000	1.0000000
## 7074	1.000000	30.700000	0.0000000
## 7075	2.000000	61.500000	0.0000000
## 7076	0.000000	0.000000	0.0000000
## 7077	1.000000	38.200000	1.0000000
## 7078	0.000000	0.000000	1.0000000
## 7079	15.000000	831.622222	0.0000000
## 7080	0.000000	0.000000	0.0000000
## 7081	2.000000	73.600000	0.0000000
## 7082	0.000000	0.000000	0.0000000
## 7083	9.000000	292.300000	0.0000000
## 7084	2.000000	25.600000	0.0000000
## 7085	1.000000	10.000000	0.0000000
## 7086	5.000000	335.800000	0.0000000
## 7087	12.000000	203.280000	4.0000000
## 7088	7.000000	302.900000	0.0000000
## 7089	2.000000	20.200000	0.0000000
## 7090	0.000000	0.000000	0.0000000
## 7091	3.000000	47.400000	0.0000000
## 7092	1.000000	61.400000	0.0000000
## 7093	8.000000	353.700000	6.0000000
## 7094	4.000000	105.266667	0.0000000
## 7095	9.000000	185.800000	0.0000000
## 7096	6.000000	35.100000	0.0000000
## 7097	5.000000	145.883333	0.0000000
## 7098	2.000000	116.800000	0.0000000
## 7099	0.000000	0.000000	0.0000000
## 7100	6.000000	174.750000	2.0000000
## 7101	2.000000	146.900000	0.0000000
## 7102	1.000000	108.800000	0.0000000
## 7103	0.000000	0.000000	0.0000000
## 7104	0.000000	0.000000	0.0000000
## 7105	9.000000	433.800000	2.0000000
## 7106	1.000000	29.200000	0.0000000
## 7107	2.000000	11.000000	0.0000000
## 7108	3.000000	95.600000	0.0000000
## 7109	0.000000	0.000000	0.0000000
## 7110	0.000000	0.000000	0.0000000
## 7111	7.000000	204.100000	0.0000000
## 7112	4.000000	32.333333	0.0000000
## 7113	8.000000	400.650000	0.0000000
## 7114	3.000000	118.550000	0.0000000
## 7115	2.000000	152.000000	0.0000000
## 7116	9.000000	257.093333	2.0000000
## 7117	2.000000	33.866667	4.0000000
## 7118	0.000000	0.000000	0.0000000
## 7119	3.000000	84.000000	0.0000000
## 7120	2.000000	9.000000	0.0000000

## 7121	2.000000	14.200000	0.0000000
## 7122	8.000000	97.600000	0.0000000
## 7123	1.000000	47.400000	0.0000000
## 7124	0.000000	0.000000	1.0000000
## 7125	9.000000	158.355564	3.0000000
## 7126	3.000000	264.000000	0.0000000
## 7127	1.000000	0.000000	0.0000000
## 7128	0.000000	0.000000	7.0000000
## 7129	0.000000	-1.000000	0.0000000
## 7130	3.000000	90.600000	0.0000000
## 7131	0.000000	0.000000	0.0000000
## 7132	0.000000	0.000000	0.0000000
## 7133	1.000000	10.100000	0.0000000
## 7134	0.000000	0.000000	1.0000000
## 7135	0.000000	0.000000	0.0000000
## 7136	0.000000	0.000000	0.0000000
## 7137	0.000000	0.000000	0.0000000
## 7138	4.000000	296.200000	0.0000000
## 7139	1.000000	55.400000	0.0000000
## 7140	1.000000	229.800000	0.0000000
## 7141	1.000000	34.266667	2.0000000
## 7142	4.000000	34.933333	0.0000000
##	Informational_Duration	ProductRelated	ProductRelated_Duration BounceRates
## 1	0.000000	1.00000	0.000000 0.200000000
## 2	0.000000	2.00000	64.000000 0.000000000
## 3	-1.000000	1.00000	-1.000000 0.200000000
## 4	0.000000	2.00000	2.666667 0.050000000
## 5	0.000000	10.00000	627.500000 0.020000000
## 6	0.000000	19.00000	154.216667 0.015789474
## 7	-1.000000	1.00000	-1.000000 0.200000000
## 8	-1.000000	1.00000	-1.000000 0.200000000
## 9	0.000000	2.00000	37.000000 0.000000000
## 10	0.000000	3.00000	738.000000 0.000000000
## 11	0.000000	3.00000	395.000000 0.000000000
## 12	0.000000	16.00000	407.750000 0.018750000
## 13	0.000000	7.00000	280.500000 0.000000000
## 14	0.000000	6.00000	98.000000 0.000000000
## 15	0.000000	2.00000	68.000000 0.000000000
## 16	0.000000	23.00000	1668.285119 0.008333333
## 17	-1.000000	1.00000	-1.000000 0.200000000
## 18	0.000000	13.00000	334.966667 0.000000000
## 19	0.000000	2.00000	32.000000 0.000000000
## 20	0.000000	20.00000	2981.166667 0.000000000
## 21	0.000000	8.00000	136.166667 0.000000000
## 22	-1.000000	1.00000	-1.000000 0.200000000
## 23	0.000000	3.00000	105.000000 0.000000000
## 24	0.000000	2.00000	15.000000 0.000000000
## 25	-1.000000	1.00000	-1.000000 0.200000000
## 26	0.000000	5.00000	156.000000 0.000000000
## 27	0.000000	32.00000	1135.444444 0.002857143
## 28	0.000000	4.00000	76.000000 0.050000000
## 29	0.000000	4.00000	63.000000 0.000000000
## 30	0.000000	45.00000	1582.750000 0.043478261
## 31	0.000000	2.00000	35.000000 0.000000000

## 32	0.000000	3.00000	78.000000	0.000000000
## 33	0.000000	8.00000	209.500000	0.000000000
## 34	0.000000	10.00000	183.666667	0.040000000
## 35	0.000000	14.00000	380.500000	0.014285714
## 36	0.000000	52.00000	2086.242857	0.015384615
## 37	0.000000	8.00000	388.000000	0.025000000
## 38	0.000000	5.00000	298.000000	0.000000000
## 39	0.000000	7.00000	63.000000	0.028571429
## 40	0.000000	9.00000	482.000000	0.000000000
## 41	0.000000	46.00000	4084.393939	0.000000000
## 42	0.000000	3.00000	22.000000	0.000000000
## 43	0.000000	15.00000	310.166667	0.000000000
## 44	0.000000	2.00000	34.000000	0.000000000
## 45	0.000000	4.00000	88.000000	0.000000000
## 46	0.000000	22.00000	622.250000	0.003030303
## 47	0.000000	14.00000	222.400000	0.017142857
## 48	0.000000	3.00000	80.000000	0.066666667
## 49	0.000000	11.00000	800.833333	0.000000000
## 50	-1.000000	1.00000	-1.000000	0.200000000
## 51	-1.000000	1.00000	-1.000000	0.200000000
## 52	0.000000	12.00000	265.166667	0.011111111
## 53	0.000000	2.00000	29.000000	0.000000000
## 54	0.000000	4.00000	160.000000	0.000000000
## 55	0.000000	4.00000	135.666667	0.050000000
## 56	0.000000	1.00000	0.000000	0.200000000
## 57	0.000000	1.00000	0.000000	0.200000000
## 58	120.000000	36.00000	998.741667	0.000000000
## 59	0.000000	4.00000	104.000000	0.000000000
## 60	0.000000	16.00000	381.686508	0.011764706
## 61	0.000000	6.00000	169.000000	0.000000000
## 62	0.000000	8.00000	400.800000	0.050000000
## 63	0.000000	42.00000	1553.583333	0.009000000
## 64	0.000000	14.00000	706.500000	0.000000000
## 65	-1.000000	1.00000	-1.000000	0.200000000
## 66	0.000000	27.00000	798.333333	0.000000000
## 67	0.000000	90.00000	6951.972222	0.002150538
## 68	0.000000	1.00000	0.000000	0.200000000
## 69	0.000000	18.00000	902.000000	0.000000000
## 70	0.000000	1.00000	0.000000	0.200000000
## 71	0.000000	1.00000	0.000000	0.200000000
## 72	0.000000	20.00000	197.377778	0.025000000
## 73	0.000000	2.00000	43.000000	0.000000000
## 74	0.000000	8.00000	426.666667	0.000000000
## 75	0.000000	3.00000	135.000000	0.000000000
## 76	0.000000	16.00000	588.333333	0.000000000
## 77	0.000000	36.00000	2111.341667	0.004347826
## 78	0.000000	2.00000	76.000000	0.000000000
## 79	0.000000	1.00000	0.000000	0.200000000
## 80	0.000000	1.00000	0.000000	0.200000000
## 81	0.000000	7.00000	208.000000	0.000000000
## 82	0.000000	4.00000	270.000000	0.000000000
## 83	0.000000	6.00000	39.500000	0.000000000
## 84	0.000000	12.00000	375.000000	0.016666667
## 85	0.000000	1.00000	0.000000	0.200000000

## 86	0.000000	1.00000	0.000000 0.200000000
## 87	0.000000	7.00000	150.000000 0.057142857
## 88	0.000000	3.00000	138.000000 0.000000000
## 89	0.000000	7.00000	337.500000 0.028571429
## 90	0.000000	19.00000	620.033333 0.000000000
## 91	0.000000	15.00000	168.846154 0.000000000
## 92	0.000000	1.00000	0.000000 0.200000000
## 93	0.000000	2.00000	52.000000 0.000000000
## 94	0.000000	13.00000	649.250000 0.000000000
## 95	0.000000	27.00000	925.333333 0.003703704
## 96	0.000000	2.00000	33.000000 0.000000000
## 97	0.000000	6.00000	1566.500000 0.050000000
## 98	0.000000	4.00000	105.000000 0.000000000
## 99	0.000000	7.00000	50.000000 0.038095238
## 100	0.000000	16.00000	644.200000 0.004166667
## 101	0.000000	38.00000	2635.177778 0.000000000
## 102	0.000000	19.00000	607.000000 0.000000000
## 103	0.000000	6.00000	415.000000 0.000000000
## 104	16.000000	36.00000	2083.530952 0.000000000
## 105	0.000000	17.00000	281.666667 0.007058824
## 106	0.000000	2.00000	27.000000 0.150000000
## 107	0.000000	9.00000	215.000000 0.044444444
## 108	0.000000	12.00000	162.000000 0.050000000
## 109	0.000000	2.00000	114.000000 0.050000000
## 110	94.000000	128.00000	5062.213753 0.000854701
## 111	0.000000	4.00000	253.000000 0.000000000
## 112	0.000000	4.00000	0.000000 0.200000000
## 113	0.000000	1.00000	0.000000 0.200000000
## 114	0.000000	25.00000	436.500000 0.008000000
## 115	93.000000	30.00000	1045.833333 0.012903226
## 116	0.000000	12.00000	317.833333 0.000000000
## 117	0.000000	21.00000	1146.333333 0.000000000
## 118	0.000000	11.00000	577.000000 0.018181818
## 119	0.000000	8.00000	95.000000 0.000000000
## 120	0.000000	6.00000	301.500000 0.000000000
## 121	0.000000	6.00000	243.000000 0.000000000
## 122	0.000000	4.00000	135.500000 0.000000000
## 123	75.000000	14.00000	442.333333 0.000000000
## 124	0.000000	3.00000	41.000000 0.000000000
## 125	0.000000	11.00000	292.900000 0.028000000
## 126	0.000000	1.00000	0.000000 0.200000000
## 127	0.000000	9.00000	1238.333333 0.000000000
## 128	0.000000	10.00000	225.466667 0.000000000
## 129	0.000000	51.00000	1873.216667 0.000000000
## 130	0.000000	3.00000	13.000000 0.133333333
## 131	0.000000	2.00000	222.000000 0.000000000
## 132	0.000000	16.00000	214.833333 0.000000000
## 133	-1.000000	1.00000	-1.000000 0.200000000
## 134	0.000000	6.00000	2017.166667 0.000000000
## 135	0.000000	26.00000	449.027778 0.000000000
## 136	0.000000	6.00000	158.166667 0.000000000
## 137	0.000000	9.00000	303.666667 0.005555556
## 138	0.000000	3.00000	25.000000 0.000000000
## 139	0.000000	2.00000	42.000000 0.050000000

## 140	0.000000	14.00000	1003.416667	0.000000000
## 141	-1.000000	1.00000	-1.000000	0.200000000
## 142	0.000000	9.00000	272.500000	0.000000000
## 143	0.000000	8.00000	344.000000	0.000000000
## 144	0.000000	1.00000	0.000000	0.200000000
## 145	19.000000	10.00000	852.000000	0.000000000
## 146	0.000000	3.00000	780.000000	0.066666667
## 147	0.000000	3.00000	1038.000000	0.000000000
## 148	0.000000	4.00000	573.000000	0.000000000
## 149	0.000000	28.00000	1231.233333	0.007142857
## 150	0.000000	11.00000	316.666667	0.000000000
## 151	0.000000	20.00000	873.736508	0.007500000
## 152	0.000000	1.00000	0.000000	0.200000000
## 153	0.000000	4.00000	16.000000	0.100000000
## 154	0.000000	19.00000	615.000000	0.000000000
## 155	0.000000	9.00000	261.750000	0.000000000
## 156	0.000000	21.00000	615.883117	0.033333333
## 157	0.000000	1.00000	0.000000	0.200000000
## 158	0.000000	6.00000	117.500000	0.000000000
## 159	0.000000	1.00000	0.000000	0.200000000
## 160	0.000000	23.00000	501.666667	0.008695652
## 161	22.000000	31.00000	829.166667	0.030303030
## 162	0.000000	23.00000	1223.000000	0.015217391
## 163	0.000000	6.00000	467.000000	0.000000000
## 164	0.000000	23.00000	737.166667	0.008695652
## 165	0.000000	12.00000	129.000000	0.000000000
## 166	0.000000	5.00000	63.000000	0.000000000
## 167	0.000000	5.00000	125.000000	0.086666667
## 168	0.000000	11.00000	684.333333	0.018181818
## 169	0.000000	20.00000	665.472222	0.000000000
## 170	0.000000	15.00000	487.500000	0.000000000
## 171	0.000000	17.00000	437.166667	0.011111111
## 172	0.000000	3.00000	55.000000	0.066666667
## 173	0.000000	1.00000	0.000000	0.200000000
## 174	0.000000	24.00000	446.927778	0.000000000
## 175	0.000000	10.00000	320.500000	0.000000000
## 176	0.000000	7.00000	666.000000	0.000000000
## 177	0.000000	21.00000	405.709524	0.010743802
## 178	0.000000	6.00000	163.250000	0.033333333
## 179	0.000000	17.00000	284.250000	0.000000000
## 180	-1.000000	1.00000	-1.000000	0.200000000
## 181	-1.000000	1.00000	-1.000000	0.200000000
## 182	0.000000	8.00000	260.000000	0.008333333
## 183	1210.397619	5.00000	279.857143	0.003174603
## 184	0.000000	20.00000	927.450000	0.011111111
## 185	0.000000	50.00000	836.800000	0.000000000
## 186	153.000000	96.00000	3283.166739	0.001960784
## 187	48.500000	49.00000	1868.819697	0.000000000
## 188	51.000000	68.00000	3008.124108	0.007142857
## 189	0.000000	2.00000	0.000000	0.200000000
## 190	3.000000	24.00000	3230.250000	0.036190476
## 191	0.000000	9.00000	319.000000	0.000000000
## 192	0.000000	3.00000	42.000000	0.000000000
## 193	0.000000	22.00000	354.333333	0.009090909

## 194	0.000000	98.00000	3556.612410	0.002061856
## 195	144.000000	67.00000	2563.783333	0.000000000
## 196	0.000000	13.00000	3014.018519	0.013068182
## 197	0.000000	17.00000	840.233333	0.000000000
## 198	125.000000	55.00000	1970.844805	0.000000000
## 199	0.000000	50.00000	2867.000000	0.000000000
## 200	0.000000	5.00000	43.000000	0.000000000
## 201	0.000000	13.00000	284.500000	0.000000000
## 202	0.000000	3.00000	133.500000	0.000000000
## 203	0.000000	12.00000	297.666667	0.000000000
## 204	0.000000	16.00000	453.750000	0.000000000
## 205	0.000000	16.00000	1331.750000	0.000000000
## 206	0.000000	5.00000	558.500000	0.000000000
## 207	0.000000	4.00000	145.833333	0.000000000
## 208	0.000000	8.00000	731.000000	0.000000000
## 209	127.000000	4.00000	188.000000	0.033333333
## 210	0.000000	14.00000	565.333333	0.037619048
## 211	0.000000	2.00000	50.000000	0.000000000
## 212	0.000000	7.00000	591.000000	0.006666667
## 213	261.000000	10.00000	281.000000	0.000000000
## 214	306.333333	18.00000	483.833333	0.000000000
## 215	0.000000	4.00000	42.000000	0.000000000
## 216	0.000000	35.00000	1192.386111	0.005714286
## 217	0.000000	12.00000	198.000000	0.016666667
## 218	0.000000	3.00000	15.000000	0.000000000
## 219	0.000000	14.00000	643.000000	0.000000000
## 220	0.000000	5.00000	23.000000	0.080000000
## 221	0.000000	4.00000	14.000000	0.100000000
## 222	0.000000	6.00000	210.500000	0.000000000
## 223	0.000000	28.00000	1529.304670	0.001481481
## 224	0.000000	2.00000	19.000000	0.000000000
## 225	84.000000	37.00000	1599.083333	0.000000000
## 226	0.000000	9.00000	102.500000	0.000000000
## 227	0.000000	16.00000	2337.000000	0.000000000
## 228	0.000000	19.00000	1883.500000	0.010526316
## 229	0.000000	50.00000	1245.300000	0.004000000
## 230	0.000000	22.00000	1674.583333	0.000000000
## 231	0.000000	9.00000	132.000000	0.011111111
## 232	740.000000	50.00000	1434.255128	0.000000000
## 233	0.000000	18.00000	367.250000	0.005263158
## 234	303.250000	7.00000	148.500000	0.000000000
## 235	0.000000	29.00000	1482.210784	0.006896552
## 236	0.000000	34.00000	1048.492063	0.011578947
## 237	0.000000	9.00000	478.000000	0.000000000
## 238	0.000000	16.00000	980.250000	0.000000000
## 239	21.500000	51.00000	1124.693074	0.022807018
## 240	0.000000	22.00000	353.166667	0.018181818
## 241	0.000000	18.00000	1489.083333	0.023529412
## 242	1220.000000	28.00000	2389.333333	0.016666667
## 243	0.000000	7.00000	753.000000	0.000000000
## 244	0.000000	31.00000	688.166667	0.000000000
## 245	0.000000	14.00000	811.000000	0.015384615
## 246	0.000000	9.00000	415.250000	0.033333333
## 247	0.000000	32.00000	908.013456	0.005000000

## 248	235.000000	71.00000	2753.378571	0.012676056
## 249	100.000000	46.00000	2452.582143	0.007246377
## 250	0.000000	18.00000	5188.500000	0.000000000
## 251	-1.000000	1.00000	-1.000000	0.200000000
## 252	0.000000	5.00000	57.000000	0.080000000
## 253	0.000000	2.00000	8.000000	0.000000000
## 254	0.000000	19.00000	1430.659091	0.010000000
## 255	0.000000	2.00000	20.000000	0.000000000
## 256	0.000000	4.00000	1373.750000	0.000000000
## 257	0.000000	45.00000	844.250000	0.000000000
## 258	0.000000	7.00000	188.000000	0.000000000
## 259	0.000000	14.00000	527.375000	0.015555556
## 260	0.000000	1.00000	0.000000	0.200000000
## 261	64.000000	29.00000	1916.761905	0.006451613
## 262	0.000000	9.00000	116.333333	0.000000000
## 263	0.000000	30.00000	397.000000	0.000000000
## 264	0.000000	63.00000	5220.083333	0.000000000
## 265	0.000000	20.00000	219.333333	0.000000000
## 266	0.000000	5.00000	74.000000	0.000000000
## 267	0.000000	15.00000	1559.600000	0.000000000
## 268	0.000000	6.00000	236.500000	0.000000000
## 269	0.000000	14.00000	348.666667	0.035714286
## 270	0.000000	1.00000	0.000000	0.200000000
## 271	47.000000	13.00000	224.500000	0.000000000
## 272	0.000000	42.00000	601.766667	0.000000000
## 273	0.000000	5.00000	75.500000	0.020000000
## 274	0.000000	2.00000	153.000000	0.000000000
## 275	0.000000	10.00000	197.200000	0.000000000
## 276	0.000000	18.00000	3658.500000	0.016666667
## 277	0.000000	5.00000	1162.500000	0.000000000
## 278	0.000000	32.00000	556.600000	0.014583333
## 279	0.000000	3.00000	41.000000	0.000000000
## 280	0.000000	11.00000	300.071429	0.000000000
## 281	205.000000	36.00000	1626.625433	0.010638298
## 282	0.000000	6.00000	69.250000	0.000000000
## 283	0.000000	10.00000	1169.100000	0.020000000
## 284	0.000000	8.00000	402.000000	0.000000000
## 285	0.000000	1.00000	0.000000	0.200000000
## 286	0.000000	35.00000	3324.333333	0.011428571
## 287	70.000000	87.00000	3037.499952	0.002150538
## 288	0.000000	4.00000	59.000000	0.000000000
## 289	0.000000	51.00000	1059.253472	0.010588235
## 290	0.000000	7.00000	720.000000	0.000000000
## 291	0.000000	40.00000	905.485606	0.013500000
## 292	0.000000	1.00000	0.000000	0.200000000
## 293	14.333333	14.00000	603.666667	0.000000000
## 294	0.000000	13.00000	328.916667	0.000000000
## 295	0.000000	33.00000	778.816667	0.000000000
## 296	0.000000	22.00000	851.559524	0.004545455
## 297	0.000000	1.00000	0.000000	0.200000000
## 298	0.000000	3.00000	227.500000	0.000000000
## 299	0.000000	17.00000	528.900000	0.000000000
## 300	0.000000	15.00000	872.833333	0.000000000
## 301	0.000000	2.00000	0.000000	0.200000000

## 302	0.000000	35.00000	835.066667	0.012571429
## 303	0.000000	4.00000	82.500000	0.000000000
## 304	0.000000	1.00000	13.000000	0.000000000
## 305	0.000000	2.00000	9.000000	0.000000000
## 306	0.000000	2.00000	7.000000	0.000000000
## 307	0.000000	12.00000	94.500000	0.033333333
## 308	0.000000	23.00000	267.300000	0.000000000
## 309	0.000000	29.00000	3312.500000	0.013793103
## 310	0.000000	3.00000	75.000000	0.000000000
## 311	0.000000	10.00000	75.000000	0.050000000
## 312	24.000000	27.00000	1547.500000	0.003703704
## 313	40.000000	35.00000	1276.157071	0.000000000
## 314	136.000000	54.00000	2631.100000	0.000000000
## 315	0.000000	2.00000	96.000000	0.000000000
## 316	0.000000	3.00000	1370.000000	0.000000000
## 317	0.000000	5.00000	97.000000	0.000000000
## 318	0.000000	46.00000	1380.166667	0.000000000
## 319	0.000000	23.00000	1483.600000	0.022916667
## 320	0.000000	5.00000	156.000000	0.000000000
## 321	0.000000	10.00000	240.750000	0.000000000
## 322	0.000000	37.00000	1238.500000	0.005128205
## 323	0.000000	68.00000	2524.719048	0.000000000
## 324	0.000000	4.00000	54.000000	0.000000000
## 325	0.000000	2.00000	35.000000	0.000000000
## 326	0.000000	15.00000	175.916667	0.013333333
## 327	0.000000	11.00000	263.600000	0.000000000
## 328	0.000000	7.00000	101.800000	0.000000000
## 329	0.000000	1.00000	0.000000	0.200000000
## 330	0.000000	55.00000	1042.242857	0.000000000
## 331	116.000000	21.00000	613.666667	0.008333333
## 332	0.000000	64.00000	1588.944444	0.003076923
## 333	929.000000	75.00000	4105.666667	0.002631579
## 334	0.000000	14.00000	269.500000	0.000000000
## 335	0.000000	8.00000	1236.200000	0.000000000
## 336	0.000000	49.00000	1384.016667	0.000000000
## 337	0.000000	4.00000	52.000000	0.000000000
## 338	0.000000	29.00000	664.750000	0.000000000
## 339	0.000000	7.00000	64.000000	0.000000000
## 340	0.000000	1.00000	0.000000	0.200000000
## 341	0.000000	8.00000	326.500000	0.100000000
## 342	0.000000	25.00000	1690.977778	0.008000000
## 343	0.000000	1.00000	0.000000	0.200000000
## 344	0.000000	3.00000	178.750000	0.000000000
## 345	0.000000	12.00000	407.000000	0.000000000
## 346	0.000000	39.00000	1513.566667	0.005128205
## 347	0.000000	24.00000	832.090909	0.000000000
## 348	0.000000	12.00000	250.833333	0.000000000
## 349	0.000000	15.00000	565.666667	0.000000000
## 350	0.000000	10.00000	194.000000	0.020000000
## 351	18.000000	19.00000	298.000000	0.000000000
## 352	155.500000	55.00000	1743.066667	0.000000000
## 353	0.000000	27.00000	655.916667	0.000000000
## 354	9.000000	30.00000	1992.833333	0.000000000
## 355	0.000000	3.00000	0.000000	0.200000000

## 356	0.000000	24.00000	308.863553	0.000000000
## 357	0.000000	46.00000	2749.666667	0.000000000
## 358	0.000000	1.00000	0.000000	0.200000000
## 359	0.000000	25.00000	812.000000	0.000000000
## 360	0.000000	12.00000	166.000000	0.028571429
## 361	0.000000	4.00000	65.000000	0.000000000
## 362	0.000000	46.00000	2450.688095	0.027083333
## 363	0.000000	10.00000	226.833333	0.000000000
## 364	0.000000	9.00000	341.000000	0.000000000
## 365	0.000000	13.00000	226.000000	0.000000000
## 366	0.000000	111.00000	3510.879903	0.000098300
## 367	0.000000	2.00000	6.000000	0.000000000
## 368	0.000000	27.00000	559.400000	0.014814815
## 369	0.000000	33.00000	1109.883333	0.013888889
## 370	0.000000	5.00000	239.000000	0.000000000
## 371	0.000000	7.00000	212.166667	0.000000000
## 372	1165.166667	81.00000	2820.952419	0.008897485
## 373	0.000000	6.00000	44.000000	0.066666667
## 374	0.000000	8.00000	781.000000	0.028571429
## 375	0.000000	14.00000	175.666667	0.000000000
## 376	0.000000	25.00000	397.884615	0.005333333
## 377	0.000000	25.00000	770.028571	0.011200000
## 378	60.000000	22.00000	1034.975000	0.000000000
## 379	0.000000	2.00000	12.000000	0.000000000
## 380	0.000000	3.00000	8.000000	0.066666667
## 381	0.000000	22.00000	399.800000	0.019047619
## 382	-1.000000	1.00000	-1.000000	0.200000000
## 383	528.000000	61.00000	2258.430586	0.010000000
## 384	0.000000	2.00000	254.000000	0.000000000
## 385	0.000000	7.00000	67.000000	0.000000000
## 386	0.000000	4.00000	57.000000	0.000000000
## 387	0.000000	12.00000	240.416667	0.000000000
## 388	0.000000	8.00000	551.166667	0.025000000
## 389	0.000000	47.00000	1532.200000	0.009929078
## 390	0.000000	7.00000	379.500000	0.057142857
## 391	0.000000	14.00000	548.185714	0.028571429
## 392	0.000000	31.00000	1735.301587	0.015625000
## 393	0.000000	3.00000	103.000000	0.000000000
## 394	0.000000	44.00000	1406.100000	0.004081633
## 395	0.000000	8.00000	331.400000	0.000000000
## 396	28.000000	88.00000	1759.275703	0.004545455
## 397	0.000000	1.00000	0.000000	0.200000000
## 398	654.333333	31.00000	1204.600433	0.000854701
## 399	0.000000	39.00000	1743.366667	0.000000000
## 400	0.000000	10.00000	236.000000	0.000000000
## 401	246.000000	17.00000	427.083333	0.000000000
## 402	0.000000	46.00000	909.522619	0.004255319
## 403	0.000000	14.00000	702.916667	0.000000000
## 404	0.000000	40.00000	962.333333	0.000000000
## 405	0.000000	2.00000	159.000000	0.000000000
## 406	0.000000	2.00000	24.000000	0.000000000
## 407	142.000000	30.00000	1569.625000	0.000000000
## 408	0.000000	15.00000	424.833333	0.000000000
## 409	0.000000	16.00000	154.833333	0.000000000

## 410	0.000000	37.00000	758.442857	0.000000000
## 411	18.500000	11.00000	305.875000	0.000000000
## 412	0.000000	2.00000	62.000000	0.000000000
## 413	0.000000	15.00000	656.250000	0.028571429
## 414	0.000000	29.00000	617.500000	0.006896552
## 415	39.000000	15.00000	245.000000	0.000000000
## 416	0.000000	3.00000	20.000000	0.000000000
## 417	0.000000	2.00000	22.000000	0.000000000
## 418	0.000000	55.00000	872.400000	0.003508772
## 419	0.000000	1.00000	0.000000	0.200000000
## 420	0.000000	38.00000	1372.000000	0.005405405
## 421	0.000000	7.00000	139.000000	0.022222222
## 422	629.000000	149.00000	5042.458059	0.003870968
## 423	0.000000	5.00000	288.500000	0.000000000
## 424	0.000000	2.00000	0.000000	0.200000000
## 425	0.000000	6.00000	192.000000	0.000000000
## 426	0.000000	27.00000	954.666667	0.000000000
## 427	0.000000	1.00000	0.000000	0.200000000
## 428	0.000000	13.00000	429.000000	0.013333333
## 429	0.000000	41.00000	1546.500000	0.000000000
## 430	0.000000	9.00000	96.466667	0.000000000
## 431	0.000000	9.00000	198.833333	0.000000000
## 432	0.000000	8.00000	181.000000	0.075000000
## 433	0.000000	15.00000	208.500000	0.000000000
## 434	0.000000	21.00000	517.423809	0.019047619
## 435	0.000000	12.00000	358.066667	0.000000000
## 436	0.000000	22.00000	339.250000	0.000000000
## 437	0.000000	13.00000	796.000000	0.000000000
## 438	0.000000	31.00000	1759.416667	0.000000000
## 439	0.000000	19.00000	3277.000000	0.015789474
## 440	0.000000	13.00000	265.166667	0.000000000
## 441	0.000000	13.00000	437.200000	0.000000000
## 442	0.000000	6.00000	92.000000	0.000000000
## 443	0.000000	0.00000	0.000000	0.000000000
## 444	267.500000	23.00000	1266.267677	0.002197802
## 445	4.000000	2.00000	19.000000	0.000000000
## 446	0.000000	47.00000	1882.113409	0.004000000
## 447	0.000000	12.00000	616.400000	0.000000000
## 448	0.000000	5.00000	155.000000	0.040000000
## 449	0.000000	11.00000	814.500000	0.000000000
## 450	0.000000	21.00000	460.416667	0.019047619
## 451	0.000000	5.00000	819.500000	0.000000000
## 452	0.000000	30.00000	659.200000	0.000000000
## 453	0.000000	5.00000	427.000000	0.000000000
## 454	0.000000	17.00000	766.500000	0.000000000
## 455	0.000000	1.00000	0.000000	0.200000000
## 456	0.000000	14.00000	2425.000000	0.000000000
## 457	0.000000	11.00000	416.500000	0.000000000
## 458	0.000000	15.00000	638.642857	0.003571429
## 459	132.000000	8.00000	445.000000	0.000000000
## 460	0.000000	4.00000	81.000000	0.000000000
## 461	0.000000	20.00000	1985.000000	0.030000000
## 462	0.000000	24.00000	758.144444	0.040000000
## 463	0.000000	15.00000	310.900000	0.000000000

## 464	0.000000	15.00000	482.000000 0.012500000
## 465	0.000000	2.00000	0.000000 0.200000000
## 466	0.000000	30.00000	709.833333 0.026666667
## 467	57.000000	31.00000	4547.166667 0.012903226
## 468	0.000000	9.00000	1040.000000 0.077777778
## 469	0.000000	3.00000	223.000000 0.066666667
## 470	14.000000	11.00000	687.500000 0.020512821
## 471	0.000000	30.00000	632.583333 0.000000000
## 472	0.000000	9.00000	312.000000 0.000000000
## 473	0.000000	45.00000	2502.966667 0.000000000
## 474	0.000000	47.00000	3608.900000 0.000000000
## 475	0.000000	15.00000	406.575000 0.019047619
## 476	0.000000	1.00000	0.000000 0.200000000
## 477	0.000000	39.00000	2487.500000 0.017105263
## 478	0.000000	15.00000	212.800000 0.019047619
## 479	0.000000	20.00000	510.000000 0.013636364
## 480	0.000000	5.00000	72.333333 0.000000000
## 481	0.000000	13.00000	96.500000 0.030769231
## 482	0.000000	8.00000	267.000000 0.000000000
## 483	0.000000	8.00000	481.166667 0.000000000
## 484	0.000000	4.00000	2528.000000 0.000000000
## 485	148.500000	24.00000	1530.194444 0.007407407
## 486	0.000000	7.00000	289.500000 0.000000000
## 487	0.000000	1.00000	10.000000 0.000000000
## 488	0.000000	16.00000	676.750000 0.014285714
## 489	0.000000	4.00000	36.000000 0.050000000
## 490	0.000000	6.00000	65.000000 0.000000000
## 491	0.000000	16.00000	630.750000 0.000000000
## 492	954.000000	14.00000	336.500000 0.000000000
## 493	0.000000	5.00000	77.000000 0.000000000
## 494	0.000000	3.00000	44.666667 0.000000000
## 495	0.000000	22.00000	3410.875000 0.019871795
## 496	0.000000	10.00000	322.500000 0.040000000
## 497	0.000000	11.00000	919.000000 0.000000000
## 498	762.500000	79.00000	2096.911364 0.003333333
## 499	0.000000	66.00000	2868.133333 0.011428571
## 500	0.000000	27.00000	1058.893939 0.000000000
## 501	0.000000	5.00000	54.380952 0.000000000
## 502	0.000000	11.00000	543.500000 0.007692308
## 503	0.000000	29.00000	1089.000000 0.006896552
## 504	60.000000	43.00000	1131.808333 0.028787879
## 505	0.000000	7.00000	314.500000 0.033333333
## 506	449.333333	258.00000	11301.204160 0.000000000
## 507	0.000000	33.00000	1946.942857 0.005882353
## 508	71.000000	26.00000	1558.000000 0.006666667
## 509	212.500000	21.00000	1198.750000 0.000000000
## 510	0.000000	1.00000	0.000000 0.200000000
## 511	0.000000	17.00000	927.166667 0.000000000
## 512	0.000000	37.00000	584.595887 0.005128205
## 513	0.000000	4.00000	135.500000 0.000000000
## 514	0.000000	8.00000	292.500000 0.000000000
## 515	0.000000	2.00000	68.500000 0.000000000
## 516	0.000000	23.00000	364.166667 0.004000000
## 517	0.000000	26.00000	694.300000 0.023076923

## 518	0.000000	3.00000	236.000000 0.000000000
## 519	0.000000	24.00000	1128.468254 0.038461538
## 520	0.000000	5.00000	81.000000 0.000000000
## 521	0.000000	21.00000	521.500000 0.018181818
## 522	0.000000	7.00000	496.750000 0.000000000
## 523	0.000000	9.00000	104.833333 0.022222222
## 524	0.000000	4.00000	45.000000 0.000000000
## 525	0.000000	2.00000	492.500000 0.000000000
## 526	0.000000	40.00000	624.750000 0.000000000
## 527	-1.000000	1.00000	-1.000000 0.200000000
## 528	0.000000	6.00000	116.500000 0.000000000
## 529	0.000000	8.00000	144.000000 0.025000000
## 530	0.000000	28.00000	686.322222 0.000000000
## 531	1411.000000	1.00000	1411.000000 0.000000000
## 532	0.000000	7.00000	126.000000 0.028571429
## 533	0.000000	6.00000	185.000000 0.000000000
## 534	0.000000	6.00000	218.000000 0.000000000
## 535	-1.000000	1.00000	-1.000000 0.200000000
## 536	0.000000	30.00000	484.672619 0.000000000
## 537	0.000000	19.00000	439.833333 0.005555556
## 538	0.000000	21.00000	733.700000 0.000000000
## 539	447.000000	34.00000	1469.702381 0.000000000
## 540	125.000000	16.00000	485.833333 0.000000000
## 541	0.000000	3.00000	19.000000 0.000000000
## 542	28.500000	5.00000	345.500000 0.000000000
## 543	0.000000	20.00000	543.800000 0.009523810
## 544	0.000000	3.00000	48.000000 0.000000000
## 545	0.000000	22.00000	343.369048 0.001298701
## 546	0.000000	9.00000	171.000000 0.022222222
## 547	0.000000	61.00000	2202.579167 0.005797101
## 548	0.000000	11.00000	299.500000 0.036363636
## 549	90.000000	11.00000	1056.500000 0.018181818
## 550	0.000000	46.00000	627.308333 0.000000000
## 551	0.000000	33.00000	583.833333 0.002631579
## 552	0.000000	7.00000	221.500000 0.000000000
## 553	0.000000	44.00000	441.791667 0.004545455
## 554	0.000000	37.00000	1037.355013 0.000000000
## 555	0.000000	11.00000	246.000000 0.018181818
## 556	-1.000000	1.00000	-1.000000 0.000000000
## 557	18.000000	1.00000	46.000000 0.000000000
## 558	0.000000	80.00000	801.802381 0.000000000
## 559	0.000000	40.00000	1361.166667 0.005000000
## 560	0.000000	5.00000	53.000000 0.040000000
## 561	0.000000	17.00000	2648.500000 0.012500000
## 562	0.000000	3.00000	27.000000 0.066666667
## 563	0.000000	13.00000	255.000000 0.000000000
## 564	0.000000	2.00000	221.500000 0.000000000
## 565	0.000000	7.00000	225.000000 0.028571429
## 566	0.000000	7.00000	125.000000 0.000000000
## 567	0.000000	12.00000	323.000000 0.033333333
## 568	245.000000	32.00000	1929.329762 0.000000000
## 569	0.000000	96.00000	4233.480700 0.006635802
## 570	0.000000	5.00000	116.000000 0.000000000
## 571	0.000000	2.00000	0.000000 0.200000000

## 572	0.000000	27.00000	1585.666667	0.026666667
## 573	0.000000	13.00000	644.000000	0.000000000
## 574	0.000000	5.00000	488.500000	0.032727273
## 575	15.000000	25.00000	1235.650000	0.041666667
## 576	0.000000	37.00000	1505.166667	0.000000000
## 577	0.000000	7.00000	495.000000	0.000000000
## 578	0.000000	21.00000	270.000000	0.000000000
## 579	0.000000	2.00000	0.000000	0.200000000
## 580	0.000000	13.00000	293.000000	0.000000000
## 581	0.000000	51.00000	2122.656061	0.000000000
## 582	0.000000	35.00000	1231.160256	0.005714286
## 583	0.000000	17.00000	341.666667	0.011764706
## 584	-1.000000	1.00000	-1.000000	0.200000000
## 585	0.000000	21.00000	1686.333333	0.000000000
## 586	0.000000	3.00000	212.000000	0.000000000
## 587	0.000000	34.00000	2161.979365	0.006250000
## 588	125.095238	17.00000	318.073016	0.008695652
## 589	0.000000	1.00000	13.000000	0.000000000
## 590	0.000000	30.00000	390.666667	0.006666667
## 591	0.000000	11.00000	253.000000	0.000000000
## 592	0.000000	12.00000	208.000000	0.045454545
## 593	0.000000	62.00000	1470.853037	0.000000000
## 594	0.000000	83.00000	2585.618350	0.000000000
## 595	0.000000	13.00000	400.333333	0.030769231
## 596	103.000000	10.00000	808.500000	0.000000000
## 597	0.000000	12.00000	1484.000000	0.000000000
## 598	0.000000	4.00000	505.000000	0.000000000
## 599	0.000000	37.00000	1121.205556	0.005405405
## 600	0.000000	2.00000	141.000000	0.000000000
## 601	0.000000	3.00000	234.000000	0.000000000
## 602	0.000000	7.00000	179.000000	0.000000000
## 603	404.000000	41.00000	2720.671429	0.012962963
## 604	147.866667	173.00000	6255.017866	0.002531328
## 605	263.000000	48.00000	2309.732468	0.003846154
## 606	0.000000	39.00000	1936.550000	0.004761905
## 607	0.000000	17.00000	694.000000	0.003703704
## 608	0.000000	11.00000	125.000000	0.018181818
## 609	0.000000	10.00000	195.500000	0.000000000
## 610	0.000000	27.00000	1400.500000	0.000000000
## 611	41.000000	18.00000	914.166667	0.000000000
## 612	53.000000	88.00000	5958.071931	0.002105263
## 613	0.000000	31.00000	270.491667	0.000000000
## 614	0.000000	24.00000	463.816667	0.002666667
## 615	0.000000	16.00000	371.500000	0.012500000
## 616	0.000000	6.00000	13.000000	0.133333333
## 617	148.500000	5.00000	185.833333	0.000000000
## 618	0.000000	16.00000	502.833333	0.000000000
## 619	0.000000	3.00000	1016.500000	0.066666667
## 620	0.000000	16.00000	253.000000	0.000000000
## 621	126.000000	17.00000	887.066667	0.012500000
## 622	0.000000	58.00000	3200.366667	0.003448276
## 623	41.000000	48.00000	1769.697383	0.000606061
## 624	0.000000	14.00000	1037.500000	0.014285714
## 625	0.000000	40.00000	1694.750000	0.020512821

## 626	0.000000	37.00000	1643.435516	0.005555556
## 627	0.000000	7.00000	383.500000	0.000000000
## 628	371.000000	23.00000	626.221368	0.004444444
## 629	0.000000	4.00000	34.000000	0.100000000
## 630	0.000000	27.00000	1070.461905	0.000000000
## 631	-1.000000	1.00000	-1.000000	0.200000000
## 632	0.000000	3.00000	195.000000	0.000000000
## 633	0.000000	22.00000	1187.833333	0.009090909
## 634	77.000000	31.00000	1021.619336	0.004545455
## 635	0.000000	6.00000	58.000000	0.000000000
## 636	0.000000	18.00000	771.083333	0.055555556
## 637	0.000000	19.00000	291.258974	0.000000000
## 638	0.000000	15.00000	695.400000	0.014285714
## 639	0.000000	3.00000	21.000000	0.000000000
## 640	0.000000	45.00000	1594.283333	0.000000000
## 641	395.000000	12.00000	343.583333	0.000000000
## 642	0.000000	81.00000	2241.002381	0.002439024
## 643	0.000000	2.00000	5.000000	0.000000000
## 644	0.000000	2.00000	63.000000	0.000000000
## 645	0.000000	21.00000	825.083333	0.000000000
## 646	0.000000	54.00000	1357.617830	0.000000000
## 647	4.000000	37.00000	836.333333	0.005000000
## 648	0.000000	19.00000	1409.416667	0.002469136
## 649	0.000000	10.00000	60.500000	0.020000000
## 650	54.000000	10.00000	420.000000	0.000000000
## 651	0.000000	1.00000	0.000000	0.200000000
## 652	0.000000	9.00000	389.000000	0.000000000
## 653	0.000000	15.00000	449.500000	0.012500000
## 654	0.000000	8.00000	202.166667	0.000000000
## 655	0.000000	2.00000	17.000000	0.000000000
## 656	0.000000	12.00000	689.285714	0.000000000
## 657	41.000000	31.00000	2013.595238	0.000000000
## 658	0.000000	17.00000	933.416667	0.031932773
## 659	0.000000	19.00000	371.227273	0.001666667
## 660	0.000000	8.00000	306.000000	0.000000000
## 661	0.000000	21.00000	719.738095	0.004347826
## 662	0.000000	1.00000	0.000000	0.200000000
## 663	0.000000	2.00000	56.000000	0.000000000
## 664	0.000000	20.00000	302.388889	0.000000000
## 665	0.000000	19.00000	491.666667	0.011111111
## 666	0.000000	13.00000	922.083333	0.023529412
## 667	0.000000	20.00000	667.916667	0.000000000
## 668	0.000000	13.00000	181.500000	0.000000000
## 669	0.000000	14.00000	512.111111	0.028571429
## 670	0.000000	15.00000	317.000000	0.000000000
## 671	0.000000	17.00000	85.666667	0.023529412
## 672	0.000000	8.00000	128.500000	0.000000000
## 673	0.000000	7.00000	78.833333	0.004444444
## 674	40.666667	57.00000	851.642653	0.000000000
## 675	0.000000	58.00000	1400.438961	0.000000000
## 676	0.000000	6.00000	84.000000	0.000000000
## 677	0.000000	12.00000	167.222222	0.000000000
## 678	0.000000	12.00000	396.500000	0.000000000
## 679	0.000000	2.00000	22.000000	0.000000000

## 680	0.000000	5.00000	371.000000 0.000000000
## 681	399.333333	46.00000	1814.583333 0.003673469
## 682	0.000000	4.00000	30.500000 0.000000000
## 683	0.000000	27.00000	644.000000 0.007692308
## 684	0.000000	27.00000	1802.250000 0.006060606
## 685	0.000000	23.00000	855.166667 0.008000000
## 686	345.000000	24.00000	879.909091 0.000000000
## 687	0.000000	56.00000	1432.223333 0.000000000
## 688	23.000000	111.00000	2524.501905 0.001694915
## 689	29.500000	45.00000	1545.500000 0.000000000
## 690	75.250000	44.00000	1616.425824 0.006944444
## 691	0.000000	8.00000	332.000000 0.000000000
## 692	0.000000	1.00000	40.000000 0.000000000
## 693	0.000000	20.00000	2224.850000 0.004347826
## 694	0.000000	28.00000	672.545238 0.000000000
## 695	0.000000	6.00000	551.000000 0.033333333
## 696	116.000000	64.00000	3179.354257 0.002531646
## 697	0.000000	10.00000	203.000000 0.000000000
## 698	0.000000	9.00000	368.200000 0.020000000
## 699	122.000000	26.00000	694.712121 0.000000000
## 700	0.000000	10.00000	657.261905 0.000000000
## 701	0.000000	7.00000	974.666667 0.085714286
## 702	0.000000	43.00000	1223.347222 0.000000000
## 703	0.000000	10.00000	276.000000 0.044444444
## 704	844.000000	6.00000	1108.000000 0.066666667
## 705	0.000000	7.00000	223.000000 0.000000000
## 706	0.000000	3.00000	261.000000 0.000000000
## 707	0.000000	21.00000	1372.700000 0.019047619
## 708	0.000000	14.00000	964.500000 0.000000000
## 709	0.000000	38.00000	461.500000 0.010000000
## 710	0.000000	4.00000	41.000000 0.050000000
## 711	0.000000	2.00000	8.000000 0.000000000
## 712	0.000000	1.00000	0.000000 0.200000000
## 713	0.000000	7.00000	39.250000 0.028571429
## 714	407.000000	69.00000	5485.105556 0.010526316
## 715	0.000000	8.00000	450.000000 0.000000000
## 716	0.000000	1.00000	0.000000 0.200000000
## 717	0.000000	20.00000	438.333333 0.020000000
## 718	0.000000	15.00000	787.000000 0.000000000
## 719	0.000000	1.00000	0.000000 0.200000000
## 720	0.000000	6.00000	319.000000 0.000000000
## 721	0.000000	15.00000	1148.000000 0.014285714
## 722	60.500000	21.00000	534.500000 0.004347826
## 723	0.000000	20.00000	644.400000 0.000000000
## 724	0.000000	14.00000	875.000000 0.000000000
## 725	0.000000	7.00000	873.000000 0.000000000
## 726	0.000000	31.00000	3121.369048 0.002857143
## 727	81.000000	82.00000	3214.020563 0.000000000
## 728	0.000000	3.00000	14.000000 0.000000000
## 729	0.000000	52.00000	1551.666667 0.001818182
## 730	0.000000	13.00000	334.500000 0.000000000
## 731	0.000000	48.00000	3726.333333 0.000000000
## 732	329.500000	59.00000	2816.781781 0.003214696
## 733	0.000000	38.00000	667.166667 0.000000000

## 734	0.000000	41.00000	1202.904762	0.011529933
## 735	0.000000	3.00000	0.000000	0.200000000
## 736	0.000000	20.00000	1117.333333	0.000000000
## 737	0.000000	9.00000	211.000000	0.000000000
## 738	70.000000	29.00000	705.400000	0.000000000
## 739	24.000000	3.00000	5.333333	0.033333333
## 740	0.000000	7.00000	525.000000	0.000000000
## 741	0.000000	13.00000	635.333333	0.000000000
## 742	0.000000	50.00000	1803.768849	0.001360544
## 743	0.000000	37.00000	2419.133333	0.007894737
## 744	0.000000	28.00000	952.285714	0.000000000
## 745	0.000000	14.00000	249.000000	0.011764706
## 746	0.000000	13.00000	271.000000	0.000000000
## 747	0.000000	15.00000	650.696193	0.000000000
## 748	162.000000	17.00000	481.666667	0.024561404
## 749	0.000000	7.00000	258.500000	0.028571429
## 750	0.000000	14.00000	510.500000	0.000000000
## 751	0.000000	16.00000	600.750000	0.000000000
## 752	298.000000	49.00000	2302.021242	0.000308642
## 753	0.000000	26.00000	1636.016667	0.007692308
## 754	0.000000	16.00000	519.750000	0.012500000
## 755	0.000000	1.00000	0.000000	0.200000000
## 756	0.000000	11.00000	673.000000	0.018181818
## 757	0.000000	4.00000	173.500000	0.000000000
## 758	0.000000	16.00000	156.533333	0.000000000
## 759	0.000000	21.00000	574.533333	0.000000000
## 760	0.000000	17.00000	548.333333	0.000000000
## 761	357.000000	109.00000	6682.677557	0.000833333
## 762	0.000000	51.00000	1671.375000	0.001098901
## 763	0.000000	11.00000	1390.166667	0.012121212
## 764	235.550000	83.00000	2503.881781	0.002197802
## 765	0.000000	24.00000	520.666667	0.000000000
## 766	0.000000	19.00000	423.816667	0.005952381
## 767	30.000000	11.00000	1114.916667	0.000000000
## 768	104.000000	71.00000	1678.905125	0.000000000
## 769	0.000000	29.00000	438.866667	0.000000000
## 770	0.000000	23.00000	505.583333	0.008000000
## 771	0.000000	9.00000	76.000000	0.022222222
## 772	0.000000	7.00000	203.500000	0.000000000
## 773	0.000000	28.00000	818.791667	0.000000000
## 774	17.000000	17.00000	490.000000	0.000000000
## 775	0.000000	12.00000	645.916667	0.000000000
## 776	0.000000	8.00000	142.000000	0.000000000
## 777	0.000000	6.00000	25.000000	0.000000000
## 778	0.000000	16.00000	672.500000	0.005555556
## 779	0.000000	35.00000	1090.490476	0.013675214
## 780	0.000000	3.00000	30.000000	0.000000000
## 781	0.000000	13.00000	244.166667	0.000000000
## 782	0.000000	13.00000	129.500000	0.061538462
## 783	88.000000	22.00000	1734.780952	0.000000000
## 784	0.000000	6.00000	145.000000	0.000000000
## 785	0.000000	16.00000	1106.333333	0.025000000
## 786	0.000000	17.00000	684.916667	0.015686275
## 787	51.000000	62.00000	3120.211102	0.000563380

## 788	0.000000	12.00000	1178.666667	0.024242424
## 789	0.000000	3.00000	58.000000	0.000000000
## 790	321.666667	287.00000	12983.787710	0.000668896
## 791	0.000000	6.00000	139.000000	0.000000000
## 792	0.000000	6.00000	558.000000	0.000000000
## 793	26.000000	53.00000	893.511111	0.003571429
## 794	0.000000	5.00000	26.500000	0.040000000
## 795	0.000000	2.00000	0.000000	0.200000000
## 796	0.000000	3.00000	0.000000	0.200000000
## 797	0.000000	15.00000	708.533333	0.000000000
## 798	0.000000	8.00000	244.000000	0.025000000
## 799	0.000000	6.00000	130.000000	0.000000000
## 800	0.000000	41.00000	1282.500000	0.000000000
## 801	336.500000	42.00000	1981.016667	0.005660377
## 802	0.000000	8.00000	186.500000	0.000000000
## 803	0.000000	6.00000	119.000000	0.000000000
## 804	0.000000	22.00000	1310.500000	0.009523810
## 805	0.000000	4.00000	1111.000000	0.000000000
## 806	0.000000	18.00000	1066.500000	0.000000000
## 807	0.000000	4.00000	110.500000	0.000000000
## 808	0.000000	5.00000	36.000000	0.000000000
## 809	76.500000	22.00000	850.533333	0.004545455
## 810	0.000000	3.00000	16.000000	0.033333333
## 811	0.000000	5.00000	49.000000	0.000000000
## 812	0.000000	10.00000	214.250000	0.000000000
## 813	0.000000	3.00000	0.000000	0.200000000
## 814	0.000000	7.00000	141.833333	0.064285714
## 815	0.000000	5.00000	143.500000	0.000000000
## 816	0.000000	51.00000	5818.916667	0.000980392
## 817	50.000000	30.00000	1461.666667	0.000000000
## 818	0.000000	13.00000	123.000000	0.000000000
## 819	13.000000	66.00000	2049.458471	0.004489796
## 820	0.000000	11.00000	271.716667	0.000000000
## 821	20.000000	36.00000	1279.166667	0.000000000
## 822	0.000000	4.00000	0.000000	0.200000000
## 823	0.000000	4.00000	70.500000	0.050000000
## 824	0.000000	12.00000	231.181818	0.000000000
## 825	0.000000	36.00000	1567.966667	0.000000000
## 826	0.000000	8.00000	119.333333	0.015384615
## 827	0.000000	15.00000	605.885714	0.000000000
## 828	0.000000	35.00000	502.547619	0.010256410
## 829	0.000000	27.00000	808.700000	0.006896552
## 830	0.000000	3.00000	58.000000	0.000000000
## 831	0.000000	19.00000	494.500000	0.000000000
## 832	0.000000	6.00000	203.150000	0.000000000
## 833	0.000000	63.00000	1656.316667	0.004166667
## 834	0.000000	32.00000	1420.250000	0.006250000
## 835	1467.000000	26.00000	721.000000	0.000000000
## 836	13.000000	27.00000	1433.916667	0.000000000
## 837	0.000000	17.00000	478.833333	0.000000000
## 838	0.000000	7.00000	182.000000	0.028571429
## 839	450.000000	35.00000	1974.352381	0.004761905
## 840	0.000000	12.00000	223.583333	0.000000000
## 841	26.000000	15.00000	817.416667	0.026666667

## 842	0.000000	17.00000	750.166667	0.000000000
## 843	0.000000	2.00000	13.000000	0.100000000
## 844	384.000000	52.00000	4699.277778	0.007258065
## 845	0.000000	42.00000	1030.266667	0.000000000
## 846	90.000000	35.00000	776.019048	0.000000000
## 847	0.000000	3.00000	558.000000	0.000000000
## 848	0.000000	27.00000	520.333333	0.000000000
## 849	0.000000	8.00000	349.500000	0.000000000
## 850	0.000000	31.00000	754.500000	0.000000000
## 851	0.000000	13.00000	305.000000	0.000000000
## 852	0.000000	21.00000	399.851190	0.000000000
## 853	0.000000	6.00000	74.000000	0.000000000
## 854	0.000000	21.00000	696.666667	0.000000000
## 855	0.000000	3.00000	59.000000	0.000000000
## 856	0.000000	3.00000	50.000000	0.000000000
## 857	74.750000	84.00000	2756.215152	0.000000000
## 858	0.000000	12.00000	425.166667	0.000000000
## 859	0.000000	78.00000	1781.696970	0.003205128
## 860	0.000000	7.00000	296.166667	0.000000000
## 861	0.000000	1.00000	0.000000	0.200000000
## 862	0.000000	36.00000	1792.800000	0.000000000
## 863	0.000000	24.00000	515.575758	0.000000000
## 864	0.000000	35.00000	1334.551371	0.000000000
## 865	0.000000	6.00000	64.000000	0.100000000
## 866	102.000000	31.00000	624.583333	0.016216216
## 867	109.750000	41.00000	1284.663492	0.016326531
## 868	0.000000	10.00000	316.500000	0.000000000
## 869	0.000000	22.00000	925.833333	0.018181818
## 870	0.000000	7.00000	97.000000	0.057142857
## 871	0.000000	1.00000	28.000000	0.000000000
## 872	0.000000	40.00000	633.400000	0.002272727
## 873	0.000000	5.00000	436.500000	0.000000000
## 874	0.000000	137.00000	3909.368290	0.000000000
## 875	0.000000	3.00000	24.000000	0.000000000
## 876	0.000000	18.00000	915.166667	0.021052632
## 877	0.000000	5.00000	137.333333	0.000000000
## 878	0.000000	5.00000	95.000000	0.040000000
## 879	0.000000	24.00000	778.166667	0.000000000
## 880	47.000000	47.00000	1842.950000	0.000000000
## 881	0.000000	27.00000	1206.000000	0.016000000
## 882	0.000000	9.00000	324.500000	0.014814815
## 883	229.000000	38.00000	1054.944444	0.010869565
## 884	0.000000	12.00000	402.166667	0.041666667
## 885	0.000000	5.00000	388.000000	0.000000000
## 886	0.000000	1.00000	0.000000	0.200000000
## 887	0.000000	16.00000	352.000000	0.000000000
## 888	0.000000	11.00000	194.000000	0.000000000
## 889	0.000000	15.00000	751.800000	0.026666667
## 890	0.000000	9.00000	465.500000	0.006666667
## 891	0.000000	25.00000	585.000000	0.000000000
## 892	0.000000	10.00000	253.500000	0.000000000
## 893	84.500000	4.00000	46.500000	0.000000000
## 894	243.500000	43.00000	3065.945238	0.000000000
## 895	389.366667	57.00000	2099.930554	0.003333333

## 896	0.000000	2.00000	30.000000 0.000000000
## 897	0.000000	3.00000	52.000000 0.000000000
## 898	75.500000	4.00000	158.500000 0.000000000
## 899	0.000000	1.00000	0.000000 0.000000000
## 900	0.000000	9.00000	250.500000 0.000000000
## 901	0.000000	66.00000	3960.646154 0.002941176
## 902	0.000000	9.00000	280.000000 0.000000000
## 903	0.000000	13.00000	281.547619 0.003846154
## 904	0.000000	13.00000	2004.500000 0.028571429
## 905	0.000000	53.00000	967.210697 0.000892857
## 906	0.000000	6.00000	100.000000 0.000000000
## 907	158.000000	6.00000	73.214286 0.000000000
## 908	32.000000	20.00000	789.350000 0.000000000
## 909	0.000000	30.00000	1281.000000 0.006666667
## 910	44.500000	20.00000	1115.266667 0.000000000
## 911	92.000000	18.00000	341.291667 0.000000000
## 912	0.000000	113.00000	3000.666667 0.003478261
## 913	81.333333	29.00000	1715.687897 0.010909091
## 914	0.000000	8.00000	607.000000 0.037500000
## 915	0.000000	2.00000	31.000000 0.000000000
## 916	0.000000	16.00000	1027.657143 0.012500000
## 917	0.000000	1.00000	0.000000 0.200000000
## 918	0.000000	8.00000	196.500000 0.000000000
## 919	64.000000	30.00000	2284.687302 0.019354839
## 920	0.000000	49.00000	1503.490909 0.000000000
## 921	0.000000	1.00000	0.000000 0.200000000
## 922	0.000000	12.00000	271.333333 0.000000000
## 923	0.000000	6.00000	97.333333 0.000000000
## 924	0.000000	5.00000	161.333333 0.000000000
## 925	32.500000	7.00000	67.000000 0.000000000
## 926	0.000000	34.00000	1006.257576 0.000000000
## 927	0.000000	22.00000	869.900000 0.000000000
## 928	0.000000	19.00000	479.866667 0.000000000
## 929	0.000000	7.00000	229.500000 0.030000000
## 930	0.000000	1.00000	0.000000 0.200000000
## 931	0.000000	20.00000	606.000000 0.000000000
## 932	0.000000	39.00000	881.441667 0.004166667
## 933	0.000000	1.00000	0.000000 0.200000000
## 934	0.000000	8.00000	371.666667 0.000000000
## 935	0.000000	43.00000	2798.073810 0.000000000
## 936	0.000000	4.00000	12.000000 0.000000000
## 937	0.000000	42.00000	1185.666667 0.000000000
## 938	0.000000	2.00000	60.000000 0.000000000
## 939	0.000000	89.00000	6770.274267 0.006315789
## 940	0.000000	5.00000	337.250000 0.000000000
## 941	0.000000	13.00000	323.916667 0.000000000
## 942	242.055556	17.00000	1142.816919 0.006818182
## 943	0.000000	1.00000	0.000000 0.200000000
## 944	0.000000	4.00000	148.500000 0.050000000
## 945	0.000000	11.00000	207.000000 0.000000000
## 946	0.000000	2.00000	11.000000 0.000000000
## 947	0.000000	6.00000	53.000000 0.000000000
## 948	0.000000	9.00000	354.000000 0.000000000
## 949	0.000000	10.00000	277.142857 0.000000000

## 950	0.000000	17.00000	411.625000	0.000000000
## 951	0.000000	16.00000	392.142857	0.006250000
## 952	0.000000	68.00000	3135.517677	0.003361345
## 953	52.250000	55.00000	1127.288305	0.003125000
## 954	0.000000	25.00000	954.470238	0.000000000
## 955	0.000000	33.00000	3506.166667	0.000000000
## 956	0.000000	19.00000	370.380952	0.000000000
## 957	0.000000	3.00000	50.000000	0.000000000
## 958	0.000000	9.00000	139.250000	0.015384615
## 959	0.000000	15.00000	270.500000	0.000000000
## 960	0.000000	9.00000	321.000000	0.033333333
## 961	0.000000	3.00000	64.750000	0.000000000
## 962	0.000000	4.00000	26.500000	0.000000000
## 963	0.000000	14.00000	927.277778	0.000000000
## 964	0.000000	7.00000	141.166667	0.000000000
## 965	369.000000	90.00000	7221.000000	0.001030928
## 966	0.000000	12.00000	218.500000	0.000000000
## 967	0.000000	12.00000	262.500000	0.028571429
## 968	0.000000	17.00000	469.416667	0.000000000
## 969	0.000000	27.00000	1240.916667	0.000000000
## 970	0.000000	5.00000	143.500000	0.000000000
## 971	0.000000	7.00000	101.000000	0.028571429
## 972	0.000000	5.00000	62.500000	0.022222222
## 973	0.000000	6.00000	156.000000	0.000000000
## 974	0.000000	6.00000	104.000000	0.000000000
## 975	0.000000	15.00000	1349.000000	0.000000000
## 976	0.000000	11.00000	331.250000	0.016666667
## 977	0.000000	8.00000	301.500000	0.000000000
## 978	0.000000	8.00000	157.571429	0.000000000
## 979	0.000000	1.00000	0.000000	0.200000000
## 980	0.000000	19.00000	224.958333	0.000000000
## 981	0.000000	39.00000	1152.500000	0.011965812
## 982	3.000000	61.00000	2292.679762	0.000000000
## 983	0.000000	9.00000	329.000000	0.022222222
## 984	0.000000	8.00000	111.666667	0.000000000
## 985	0.000000	15.00000	1074.428571	0.015384615
## 986	0.000000	32.00000	1080.047619	0.000000000
## 987	0.000000	23.00000	666.946429	0.007692308
## 988	0.000000	14.00000	239.000000	0.000000000
## 989	0.000000	14.00000	279.900000	0.000000000
## 990	0.000000	1.00000	0.000000	0.200000000
## 991	0.000000	15.00000	1674.000000	0.000000000
## 992	0.000000	3.00000	15.000000	0.000000000
## 993	0.000000	22.00000	480.966667	0.004848485
## 994	0.000000	3.00000	62.000000	0.000000000
## 995	0.000000	23.00000	1841.171429	0.000000000
## 996	0.000000	2.00000	37.500000	0.000000000
## 997	0.000000	11.00000	131.300000	0.000000000
## 998	0.000000	2.00000	92.000000	0.000000000
## 999	0.000000	3.00000	78.333333	0.000000000
## 1000	0.000000	7.00000	114.600000	0.028571429
## 1001	0.000000	18.00000	671.000000	0.000000000
## 1002	0.000000	11.00000	624.000000	0.000000000
## 1003	123.333333	34.00000	448.750000	0.021621622

## 1004	0.000000	4.00000	35.000000	0.000000000
## 1005	0.000000	7.00000	79.500000	0.000000000
## 1006	0.000000	10.00000	189.500000	0.000000000
## 1007	0.000000	15.00000	2190.666667	0.000000000
## 1008	0.000000	2.00000	0.000000	0.200000000
## 1009	0.000000	2.00000	0.000000	0.200000000
## 1010	0.000000	5.00000	672.500000	0.000000000
## 1011	0.000000	67.00000	2502.816667	0.006060606
## 1012	281.500000	83.00000	1778.125214	0.007967033
## 1013	0.000000	4.00000	49.500000	0.050000000
## 1014	0.000000	12.00000	261.000000	0.033333333
## 1015	0.000000	12.00000	663.500000	0.000000000
## 1016	0.000000	16.00000	284.900000	0.003333333
## 1017	0.000000	7.00000	236.000000	0.057142857
## 1018	0.000000	19.00000	576.083333	0.009090909
## 1019	0.000000	3.00000	77.000000	0.000000000
## 1020	0.000000	3.00000	79.000000	0.066666667
## 1021	710.000000	66.00000	4566.952839	0.006470588
## 1022	125.500000	65.00000	8646.000000	0.000000000
## 1023	0.000000	17.00000	600.500000	0.000000000
## 1024	0.000000	21.00000	434.500000	0.000000000
## 1025	0.000000	35.00000	499.400000	0.011764706
## 1026	87.000000	50.00000	1694.797619	0.008928571
## 1027	0.000000	7.00000	181.500000	0.000000000
## 1028	0.000000	54.00000	1306.151974	0.003508772
## 1029	0.000000	6.00000	75.000000	0.000000000
## 1030	0.000000	6.00000	61.000000	0.000000000
## 1031	0.000000	12.00000	1165.333333	0.004166667
## 1032	0.000000	1.00000	0.000000	0.200000000
## 1033	0.000000	6.00000	70.833333	0.000000000
## 1034	0.000000	31.00000	649.307143	0.000000000
## 1035	61.000000	49.00000	1647.152381	0.000000000
## 1036	63.000000	60.00000	3135.442572	0.001666667
## 1037	0.000000	9.00000	181.333333	0.029629630
## 1038	0.000000	9.00000	159.000000	0.000000000
## 1039	0.000000	8.00000	465.833333	0.000000000
## 1040	0.000000	3.00000	112.000000	0.066666667
## 1041	0.000000	40.00000	952.966667	0.001666667
## 1042	0.000000	8.00000	372.833333	0.000000000
## 1043	0.000000	14.00000	327.000000	0.000000000
## 1044	0.000000	1.00000	0.000000	0.200000000
## 1045	0.000000	6.00000	1057.000000	0.000000000
## 1046	0.000000	3.00000	12.000000	0.000000000
## 1047	0.000000	1.00000	36.000000	0.000000000
## 1048	0.000000	30.00000	2264.333333	0.000000000
## 1049	0.000000	28.00000	866.000000	0.000000000
## 1050	34.506387	31.76388	31.763884	0.022152462
## 1051	0.000000	17.00000	701.542424	0.013333333
## 1052	0.000000	20.00000	979.083333	0.000000000
## 1053	0.000000	28.00000	324.769231	0.000000000
## 1054	94.500000	47.00000	1682.870247	0.001333333
## 1055	0.000000	9.00000	210.000000	0.044444444
## 1056	0.000000	20.00000	332.000000	0.030000000
## 1057	0.000000	13.00000	1610.916667	0.000000000

## 1058	0.000000	50.00000	1188.566667	0.007843137
## 1059	0.000000	3.00000	98.000000	0.000000000
## 1060	36.333333	38.00000	1663.683333	0.005405405
## 1061	0.000000	39.00000	930.300000	0.001190476
## 1062	0.000000	21.00000	1003.000000	0.000000000
## 1063	0.000000	3.00000	69.000000	0.000000000
## 1064	0.000000	27.00000	1199.725758	0.007407407
## 1065	0.000000	34.00000	1524.058333	0.019393939
## 1066	45.000000	11.00000	624.000000	0.015384615
## 1067	0.000000	37.00000	1229.766667	0.005405405
## 1068	0.000000	13.00000	972.600000	0.000000000
## 1069	0.000000	17.00000	438.433333	0.003030303
## 1070	0.000000	10.00000	270.000000	0.000000000
## 1071	0.000000	3.00000	333.000000	0.000000000
## 1072	0.000000	20.00000	504.233333	0.010000000
## 1073	0.000000	27.00000	845.500000	0.000000000
## 1074	237.000000	16.00000	744.500000	0.013333333
## 1075	0.000000	21.00000	1129.000000	0.009523810
## 1076	0.000000	8.00000	358.000000	0.000000000
## 1077	0.000000	24.00000	832.000000	0.000000000
## 1078	0.000000	4.00000	36.500000	0.000000000
## 1079	0.000000	7.00000	157.000000	0.000000000
## 1080	0.000000	9.00000	71.333333	0.000000000
## 1081	138.500000	11.00000	227.500000	0.000000000
## 1082	56.000000	22.00000	1054.309524	0.004761905
## 1083	0.000000	6.00000	308.166667	0.083333333
## 1084	0.000000	10.00000	229.250000	0.000000000
## 1085	29.000000	9.00000	225.833333	0.000000000
## 1086	26.000000	22.00000	326.583333	0.018181818
## 1087	8.000000	104.00000	3486.690476	0.003301887
## 1088	0.000000	8.00000	863.333333	0.000000000
## 1089	0.000000	1.00000	67.000000	0.100000000
## 1090	171.500000	54.00000	1405.131241	0.000000000
## 1091	61.000000	23.00000	1031.704762	0.000000000
## 1092	0.000000	24.00000	917.083333	0.008333333
## 1093	0.000000	19.00000	573.657143	0.036842105
## 1094	0.000000	5.00000	94.500000	0.000000000
## 1095	0.000000	13.00000	238.166667	0.000000000
## 1096	0.000000	3.00000	164.000000	0.000000000
## 1097	14.000000	31.00000	750.590476	0.007407407
## 1098	0.000000	19.00000	1834.083333	0.020000000
## 1099	0.000000	19.00000	606.833333	0.031578947
## 1100	300.000000	13.00000	509.121429	0.006666667
## 1101	0.000000	2.00000	19.000000	0.000000000
## 1102	0.000000	61.00000	5900.351378	0.000000000
## 1103	0.000000	1.00000	0.000000	0.200000000
## 1104	0.000000	13.00000	449.333333	0.006153846
## 1105	0.000000	12.00000	200.000000	0.000000000
## 1106	0.000000	16.00000	946.166667	0.000000000
## 1107	0.000000	2.00000	0.000000	0.200000000
## 1108	0.000000	3.00000	514.000000	0.000000000
## 1109	0.000000	5.00000	64.000000	0.000000000
## 1110	0.000000	2.00000	210.000000	0.000000000
## 1111	0.000000	12.00000	1180.500000	0.000000000

## 1112	0.000000	9.00000	771.500000 0.022222222
## 1113	0.000000	37.00000	1096.750000 0.000000000
## 1114	0.000000	5.00000	381.666667 0.000000000
## 1115	127.000000	55.00000	1509.594444 0.006451613
## 1116	34.506387	31.76388	31.763884 0.022152462
## 1117	34.506387	31.76388	31.763884 0.022152462
## 1118	34.506387	31.76388	31.763884 0.022152462
## 1119	34.506387	31.76388	31.763884 0.022152462
## 1120	0.000000	18.00000	1181.198413 0.000000000
## 1121	0.000000	17.00000	1394.666667 0.000000000
## 1122	0.000000	8.00000	326.000000 0.000000000
## 1123	0.000000	9.00000	459.830769 0.000000000
## 1124	278.000000	3.00000	162.000000 0.000000000
## 1125	0.000000	1.00000	0.000000 0.200000000
## 1126	0.000000	1.00000	0.000000 0.200000000
## 1127	0.000000	37.00000	2043.500000 0.005555556
## 1128	0.000000	24.00000	663.466667 0.002564103
## 1129	0.000000	129.00000	7669.250794 0.000000000
## 1130	0.000000	12.00000	115.166667 0.028571429
## 1131	0.000000	11.00000	296.450000 0.000000000
## 1132	0.000000	56.00000	2633.869048 0.003703704
## 1133	0.000000	19.00000	392.000000 0.021052632
## 1134	0.000000	13.00000	748.666667 0.000000000
## 1135	0.000000	18.00000	834.666667 0.004761905
## 1136	0.000000	2.00000	5.000000 0.000000000
## 1137	0.000000	1.00000	0.000000 0.200000000
## 1138	0.000000	3.00000	11.000000 0.050000000
## 1139	37.000000	15.00000	497.333333 0.012500000
## 1140	0.000000	28.00000	631.989682 0.017647059
## 1141	0.000000	11.00000	315.600000 0.000000000
## 1142	0.000000	14.00000	183.333333 0.000000000
## 1143	0.000000	8.00000	192.166667 0.000000000
## 1144	0.000000	16.00000	1296.600000 0.022222222
## 1145	0.000000	3.00000	17.000000 0.100000000
## 1146	41.000000	13.00000	698.000000 0.000000000
## 1147	0.000000	17.00000	1093.142857 0.000000000
## 1148	0.000000	9.00000	2397.500000 0.000000000
## 1149	0.000000	3.00000	56.000000 0.000000000
## 1150	62.000000	11.00000	196.200000 0.000000000
## 1151	0.000000	3.00000	39.666667 0.000000000
## 1152	0.000000	1.00000	0.000000 0.200000000
## 1153	42.000000	20.00000	408.333333 0.000000000
## 1154	0.000000	2.00000	0.000000 0.200000000
## 1155	0.000000	29.00000	906.566667 0.000000000
## 1156	0.000000	4.00000	149.000000 0.000000000
## 1157	0.000000	30.00000	1224.750000 0.000000000
## 1158	17.666667	18.00000	1262.000000 0.000000000
## 1159	0.000000	12.00000	207.000000 0.000000000
## 1160	0.000000	7.00000	115.666667 0.000000000
## 1161	0.000000	1.00000	0.000000 0.200000000
## 1162	0.000000	3.00000	321.500000 0.050000000
## 1163	0.000000	63.00000	3552.702381 0.000000000
## 1164	0.000000	19.00000	716.357143 0.004761905
## 1165	0.000000	12.00000	343.000000 0.019444444

## 1166	24.000000	56.00000	3763.166667	0.003389831
## 1167	0.000000	7.00000	272.500000	0.000000000
## 1168	0.000000	3.00000	81.000000	0.000000000
## 1169	0.000000	17.00000	1883.827222	0.000751880
## 1170	0.000000	7.00000	251.666667	0.028571429
## 1171	0.000000	7.00000	1413.333333	0.036000000
## 1172	0.000000	3.00000	79.500000	0.000000000
## 1173	0.000000	6.00000	83.000000	0.000000000
## 1174	0.000000	17.00000	584.500000	0.000000000
## 1175	0.000000	30.00000	940.833333	0.012121212
## 1176	0.000000	20.00000	791.666667	0.011111111
## 1177	0.000000	77.00000	4346.541667	0.003070175
## 1178	0.000000	5.00000	50.500000	0.000000000
## 1179	0.000000	6.00000	74.000000	0.000000000
## 1180	0.000000	8.00000	83.000000	0.057142857
## 1181	0.000000	68.00000	2593.741667	0.002941176
## 1182	0.000000	6.00000	59.000000	0.000000000
## 1183	219.000000	53.00000	1518.761111	0.007272727
## 1184	0.000000	6.00000	62.000000	0.000000000
## 1185	0.000000	30.00000	365.400000	0.027586207
## 1186	0.000000	7.00000	50.500000	0.000000000
## 1187	0.000000	12.00000	468.000000	0.016666667
## 1188	0.000000	23.00000	7533.272727	0.000000000
## 1189	0.000000	35.00000	1059.000000	0.000000000
## 1190	0.000000	5.00000	52.000000	0.000000000
## 1191	0.000000	6.00000	892.000000	0.000000000
## 1192	0.000000	9.00000	430.500000	0.000000000
## 1193	0.000000	17.00000	132.633333	0.011764706
## 1194	0.000000	14.00000	363.318182	0.014285714
## 1195	0.000000	3.00000	73.000000	0.000000000
## 1196	0.000000	8.00000	612.000000	0.000000000
## 1197	388.666667	33.00000	595.009524	0.000000000
## 1198	0.000000	6.00000	495.000000	0.000000000
## 1199	0.000000	4.00000	49.500000	0.000000000
## 1200	109.000000	47.00000	1813.208333	0.000000000
## 1201	0.000000	9.00000	218.000000	0.000000000
## 1202	0.000000	4.00000	102.000000	0.000000000
## 1203	0.000000	23.00000	1278.090909	0.000000000
## 1204	0.000000	3.00000	25.000000	0.000000000
## 1205	445.000000	38.00000	996.516667	0.000854701
## 1206	0.000000	6.00000	69.500000	0.000000000
## 1207	0.000000	40.00000	1530.248485	0.005128205
## 1208	0.000000	43.00000	2595.280952	0.009090909
## 1209	0.000000	12.00000	471.500000	0.016666667
## 1210	0.000000	54.00000	923.675735	0.000000000
## 1211	0.000000	10.00000	153.000000	0.020000000
## 1212	0.000000	48.00000	3946.008333	0.007272727
## 1213	0.000000	26.00000	648.400000	0.000000000
## 1214	0.000000	5.00000	56.000000	0.040000000
## 1215	0.000000	1.00000	0.000000	0.200000000
## 1216	0.000000	21.00000	263.000000	0.009523810
## 1217	0.000000	6.00000	193.000000	0.000000000
## 1218	0.000000	3.00000	38.000000	0.100000000
## 1219	0.000000	8.00000	116.000000	0.025000000

## 1220	0.000000	33.00000	1077.869048	0.001562500
## 1221	0.000000	5.00000	266.333333	0.040000000
## 1222	0.000000	3.00000	17.000000	0.000000000
## 1223	0.000000	3.00000	67.500000	0.000000000
## 1224	0.000000	28.00000	499.666667	0.000000000
## 1225	0.000000	7.00000	286.000000	0.025000000
## 1226	0.000000	8.00000	112.728571	0.000000000
## 1227	0.000000	24.00000	1571.000000	0.000000000
## 1228	0.000000	11.00000	241.000000	0.000000000
## 1229	0.000000	11.00000	187.000000	0.031818182
## 1230	338.000000	11.00000	451.000000	0.000000000
## 1231	0.000000	42.00000	1741.483333	0.000000000
## 1232	80.500000	46.00000	838.683333	0.000000000
## 1233	53.000000	22.00000	406.000000	0.002564103
## 1234	0.000000	18.00000	437.187500	0.011111111
## 1235	0.000000	28.00000	898.500000	0.000000000
## 1236	0.000000	19.00000	215.750000	0.000000000
## 1237	0.000000	20.00000	266.583333	0.011111111
## 1238	0.000000	6.00000	546.000000	0.000000000
## 1239	0.000000	16.00000	2156.000000	0.018750000
## 1240	0.000000	17.00000	557.166667	0.023529412
## 1241	35.000000	19.00000	461.050000	0.016666667
## 1242	0.000000	18.00000	1473.333333	0.011111111
## 1243	0.000000	13.00000	474.833333	0.000000000
## 1244	0.000000	1.00000	0.000000	0.200000000
## 1245	0.000000	6.00000	212.000000	0.026666667
## 1246	0.000000	11.00000	500.000000	0.000000000
## 1247	56.000000	10.00000	369.000000	0.000000000
## 1248	0.000000	5.00000	136.666667	0.020000000
## 1249	0.000000	10.00000	243.200000	0.020000000
## 1250	0.000000	12.00000	459.000000	0.000000000
## 1251	105.666667	6.00000	441.466667	0.000000000
## 1252	308.000000	6.00000	328.000000	0.000000000
## 1253	0.000000	3.00000	36.000000	0.000000000
## 1254	0.000000	20.00000	518.666667	0.000000000
## 1255	33.000000	26.00000	631.458333	0.000000000
## 1256	0.000000	16.00000	1849.833333	0.000000000
## 1257	0.000000	8.00000	436.000000	0.000000000
## 1258	0.000000	5.00000	132.000000	0.000000000
## 1259	0.000000	35.00000	850.333333	0.000000000
## 1260	32.000000	17.00000	457.795727	0.007258065
## 1261	0.000000	5.00000	143.000000	0.000000000
## 1262	0.000000	59.00000	3224.819084	0.002985075
## 1263	0.000000	24.00000	1038.845238	0.000000000
## 1264	0.000000	1.00000	0.000000	0.200000000
## 1265	0.000000	6.00000	216.000000	0.000000000
## 1266	0.000000	20.00000	363.666667	0.010000000
## 1267	0.000000	17.00000	1314.250000	0.045833333
## 1268	0.000000	5.00000	146.000000	0.146666667
## 1269	0.000000	8.00000	228.000000	0.000000000
## 1270	0.000000	11.00000	419.750000	0.000000000
## 1271	0.000000	15.00000	270.000000	0.028571429
## 1272	0.000000	32.00000	395.222222	0.006060606
## 1273	0.000000	4.00000	9.000000	0.100000000

## 1274	0.000000	17.00000	945.010870	0.006334842
## 1275	0.000000	3.00000	90.000000	0.000000000
## 1276	55.000000	9.00000	936.833333	0.000000000
## 1277	0.000000	3.00000	8.000000	0.000000000
## 1278	0.000000	20.00000	447.500000	0.020000000
## 1279	73.000000	16.00000	416.400000	0.000000000
## 1280	0.000000	36.00000	1051.248276	0.000000000
## 1281	0.000000	10.00000	1218.000000	0.000000000
## 1282	0.000000	15.00000	756.333333	0.012500000
## 1283	0.000000	5.00000	210.000000	0.120000000
## 1284	0.000000	24.00000	427.083333	0.026388889
## 1285	0.000000	2.00000	31.000000	0.000000000
## 1286	0.000000	4.00000	388.000000	0.050000000
## 1287	0.000000	4.00000	151.500000	0.000000000
## 1288	0.000000	36.00000	1387.606061	0.005263158
## 1289	0.000000	30.00000	1418.000000	0.000000000
## 1290	0.000000	25.00000	437.222222	0.028571429
## 1291	0.000000	14.00000	411.500000	0.000000000
## 1292	0.000000	13.00000	142.000000	0.000000000
## 1293	28.000000	13.00000	474.666667	0.000000000
## 1294	0.000000	20.00000	1415.625000	0.012698413
## 1295	0.000000	1.00000	0.000000	0.000000000
## 1296	0.000000	30.00000	1448.752381	0.006060606
## 1297	0.000000	3.00000	96.500000	0.000000000
## 1298	209.000000	17.00000	2777.666667	0.000000000
## 1299	0.000000	12.00000	1436.500000	0.000000000
## 1300	0.000000	8.00000	224.000000	0.000000000
## 1301	7.000000	46.00000	3087.000000	0.003773585
## 1302	58.000000	71.00000	3424.583333	0.001315789
## 1303	46.000000	9.00000	546.000000	0.000000000
## 1304	0.000000	43.00000	1418.500000	0.000000000
## 1305	0.000000	8.00000	423.000000	0.000000000
## 1306	21.000000	20.00000	651.400000	0.000000000
## 1307	0.000000	6.00000	249.500000	0.000000000
## 1308	0.000000	11.00000	337.000000	0.045454545
## 1309	0.000000	1.00000	0.000000	0.200000000
## 1310	0.000000	26.00000	1377.769697	0.000000000
## 1311	83.000000	16.00000	223.000000	0.000000000
## 1312	373.000000	6.00000	66.833333	0.000000000
## 1313	0.000000	4.00000	957.000000	0.161904762
## 1314	0.000000	2.00000	135.000000	0.000000000
## 1315	0.000000	36.00000	1166.726190	0.000000000
## 1316	139.000000	80.00000	4099.737392	0.004117063
## 1317	0.000000	4.00000	31.000000	0.000000000
## 1318	101.000000	12.00000	205.976191	0.015384615
## 1319	141.000000	25.00000	1644.000000	0.002150538
## 1320	0.000000	4.00000	268.000000	0.000000000
## 1321	0.000000	8.00000	158.500000	0.000000000
## 1322	0.000000	11.00000	298.000000	0.000000000
## 1323	186.000000	31.00000	2905.943651	0.000000000
## 1324	0.000000	41.00000	419.000000	0.013008130
## 1325	0.000000	5.00000	279.000000	0.000000000
## 1326	0.000000	43.00000	1286.688889	0.004545455
## 1327	0.000000	49.00000	1616.083333	0.004000000

## 1328	416.000000	21.00000	2755.670940	0.004545455
## 1329	0.000000	26.00000	655.783333	0.003846154
## 1330	0.000000	20.00000	917.350000	0.000000000
## 1331	0.000000	12.00000	353.000000	0.000000000
## 1332	0.000000	2.00000	27.000000	0.000000000
## 1333	0.000000	12.00000	286.000000	0.000000000
## 1334	0.000000	6.00000	835.833333	0.033333333
## 1335	23.500000	18.00000	338.127273	0.000000000
## 1336	0.000000	2.00000	22.000000	0.000000000
## 1337	9.500000	20.00000	1572.571429	0.000000000
## 1338	16.000000	21.00000	1321.059195	0.009032258
## 1339	0.000000	2.00000	0.000000	0.200000000
## 1340	0.000000	2.00000	187.000000	0.100000000
## 1341	0.000000	19.00000	502.458333	0.000000000
## 1342	0.000000	20.00000	1424.928571	0.010000000
## 1343	845.000000	82.00000	2448.784448	0.000374532
## 1344	0.000000	32.00000	1480.666667	0.000000000
## 1345	0.000000	6.00000	25.500000	0.066666667
## 1346	0.000000	5.00000	236.000000	0.000000000
## 1347	0.000000	50.00000	952.434524	0.000000000
## 1348	0.000000	5.00000	182.000000	0.000000000
## 1349	0.000000	24.00000	854.333333	0.000000000
## 1350	0.000000	3.00000	39.000000	0.000000000
## 1351	0.000000	15.00000	1332.833333	0.014285714
## 1352	0.000000	16.00000	467.916667	0.011111111
## 1353	0.000000	25.00000	674.250000	0.000000000
## 1354	0.000000	50.00000	2207.391667	0.001724138
## 1355	0.000000	10.00000	300.000000	0.000000000
## 1356	0.000000	6.00000	177.500000	0.033333333
## 1357	0.000000	34.00000	311.500000	0.000000000
## 1358	0.000000	15.00000	486.516667	0.000000000
## 1359	255.000000	15.00000	1418.250000	0.000000000
## 1360	0.000000	10.00000	391.850000	0.018055556
## 1361	0.000000	10.00000	142.666667	0.000000000
## 1362	0.000000	53.00000	1659.319697	0.000000000
## 1363	0.000000	1.00000	0.000000	0.200000000
## 1364	0.000000	59.00000	1560.601163	0.005172414
## 1365	0.000000	65.00000	1451.227362	0.003030303
## 1366	0.000000	21.00000	2588.958333	0.000000000
## 1367	0.000000	3.00000	80.000000	0.000000000
## 1368	0.000000	1.00000	0.000000	0.200000000
## 1369	0.000000	31.00000	496.583333	0.005405405
## 1370	0.000000	21.00000	678.273809	0.000000000
## 1371	0.000000	4.00000	55.000000	0.000000000
## 1372	0.000000	4.00000	34.000000	0.100000000
## 1373	0.000000	8.00000	163.000000	0.000000000
## 1374	0.000000	7.00000	286.500000	0.000000000
## 1375	0.000000	20.00000	1395.258333	0.000000000
## 1376	0.000000	10.00000	90.000000	0.000000000
## 1377	0.000000	5.00000	142.000000	0.000000000
## 1378	0.000000	9.00000	416.666667	0.000000000
## 1379	208.500000	12.00000	413.800000	0.000000000
## 1380	0.000000	2.00000	403.000000	0.100000000
## 1381	0.000000	6.00000	106.000000	0.100000000

## 1382	41.000000	16.00000	515.000000 0.000000000
## 1383	0.000000	26.00000	392.000000 0.007692308
## 1384	0.000000	1.00000	0.000000 0.200000000
## 1385	0.000000	25.00000	1720.000000 0.000000000
## 1386	0.000000	8.00000	226.500000 0.000000000
## 1387	0.000000	10.00000	130.166667 0.055555556
## 1388	0.000000	14.00000	192.933333 0.000000000
## 1389	0.000000	20.00000	745.333333 0.009523810
## 1390	0.000000	5.00000	97.000000 0.000000000
## 1391	0.000000	4.00000	233.000000 0.050000000
## 1392	0.000000	20.00000	1409.809524 0.008695652
## 1393	0.000000	12.00000	448.500000 0.000000000
## 1394	0.000000	6.00000	73.750000 0.033333333
## 1395	20.500000	10.00000	386.150000 0.000000000
## 1396	0.000000	16.00000	638.833333 0.000000000
## 1397	0.000000	17.00000	489.583333 0.000000000
## 1398	0.000000	23.00000	660.816667 0.000000000
## 1399	67.000000	44.00000	1489.144444 0.004081633
## 1400	0.000000	20.00000	2270.833333 0.000000000
## 1401	0.000000	12.00000	121.000000 0.028571429
## 1402	0.000000	15.00000	296.000000 0.000000000
## 1403	0.000000	0.00000	0.000000 0.000000000
## 1404	0.000000	12.00000	481.833333 0.000000000
## 1405	0.000000	13.00000	309.933333 0.000000000
## 1406	0.000000	7.00000	55.000000 0.057142857
## 1407	0.000000	14.00000	851.000000 0.000000000
## 1408	0.000000	3.00000	55.000000 0.066666667
## 1409	0.000000	7.00000	88.333333 0.000000000
## 1410	0.000000	25.00000	893.100000 0.000000000
## 1411	0.000000	12.00000	526.333333 0.022222222
## 1412	0.000000	26.00000	535.345960 0.007407407
## 1413	0.000000	18.00000	884.633333 0.021052632
## 1414	0.000000	2.00000	24.000000 0.000000000
## 1415	100.000000	22.00000	2175.993651 0.010000000
## 1416	0.000000	8.00000	57.000000 0.000000000
## 1417	0.000000	28.00000	1028.116667 0.000000000
## 1418	0.000000	4.00000	93.000000 0.000000000
## 1419	291.500000	35.00000	1373.464719 0.001550388
## 1420	0.000000	34.00000	991.367857 0.005263158
## 1421	0.000000	1.00000	1.000000 0.000000000
## 1422	0.000000	7.00000	147.250000 0.028571429
## 1423	0.000000	2.00000	0.000000 0.200000000
## 1424	0.000000	9.00000	1225.500000 0.022222222
## 1425	0.000000	3.00000	183.000000 0.000000000
## 1426	0.000000	10.00000	250.800000 0.000000000
## 1427	105.000000	9.00000	148.250000 0.020000000
## 1428	70.000000	16.00000	504.083333 0.005714286
## 1429	0.000000	43.00000	1650.416667 0.000000000
## 1430	0.000000	28.00000	2743.216667 0.020689655
## 1431	0.000000	37.00000	1288.533333 0.005263158
## 1432	0.000000	15.00000	447.500000 0.030000000
## 1433	7.000000	41.00000	1663.761905 0.004347826
## 1434	0.000000	22.00000	1165.583333 0.000000000
## 1435	0.000000	3.00000	17.000000 0.000000000

## 1436	60.500000	46.00000	1038.916667	0.021276596
## 1437	0.000000	12.00000	249.500000	0.005555556
## 1438	34.000000	17.00000	1302.500000	0.000000000
## 1439	0.000000	10.00000	172.500000	0.010000000
## 1440	0.000000	50.00000	925.947619	0.000000000
## 1441	58.166667	38.00000	1524.702381	0.000000000
## 1442	0.000000	13.00000	288.000000	0.012500000
## 1443	34.506387	31.76388	31.763884	0.022152462
## 1444	34.506387	31.76388	31.763884	0.022152462
## 1445	34.506387	31.76388	31.763884	0.022152462
## 1446	34.506387	31.76388	31.763884	0.022152462
## 1447	0.000000	13.00000	1476.300000	0.007692308
## 1448	0.000000	9.00000	685.000000	0.000000000
## 1449	0.000000	74.00000	2396.690316	0.002699055
## 1450	0.000000	7.00000	451.833333	0.028571429
## 1451	0.000000	25.00000	1512.523810	0.000000000
## 1452	0.000000	14.00000	306.500000	0.000000000
## 1453	0.000000	5.00000	62.000000	0.120000000
## 1454	0.000000	48.00000	3332.293511	0.000000000
## 1455	0.000000	22.00000	2815.416667	0.000000000
## 1456	0.000000	13.00000	956.500000	0.000000000
## 1457	0.000000	37.00000	1500.422543	0.014634146
## 1458	0.000000	20.00000	2271.000000	0.000000000
## 1459	0.000000	8.00000	588.166667	0.000000000
## 1460	0.000000	27.00000	1212.809524	0.000000000
## 1461	0.000000	23.00000	792.722222	0.000000000
## 1462	21.000000	25.00000	439.523810	0.000000000
## 1463	0.000000	2.00000	5.000000	0.000000000
## 1464	0.000000	22.00000	525.266667	0.000000000
## 1465	0.000000	40.00000	1337.842794	0.008695652
## 1466	62.000000	43.00000	1770.625000	0.004255319
## 1467	0.000000	27.00000	1084.500000	0.000000000
## 1468	0.000000	1.00000	0.000000	0.200000000
## 1469	0.000000	93.00000	4261.842857	0.002930403
## 1470	0.000000	29.00000	527.208333	0.000000000
## 1471	0.000000	4.00000	0.000000	0.200000000
## 1472	0.000000	7.00000	110.000000	0.057142857
## 1473	0.000000	15.00000	1733.666667	0.000000000
## 1474	0.000000	12.00000	306.000000	0.000000000
## 1475	0.000000	2.00000	62.000000	0.000000000
## 1476	0.000000	2.00000	5.000000	0.000000000
## 1477	0.000000	14.00000	198.522150	0.001230769
## 1478	0.000000	17.00000	504.000000	0.000000000
## 1479	625.500000	34.00000	1588.666667	0.000000000
## 1480	0.000000	7.00000	381.500000	0.000000000
## 1481	0.000000	42.00000	1173.070000	0.000000000
## 1482	0.000000	33.00000	878.623809	0.000000000
## 1483	0.000000	35.00000	1928.000000	0.008333333
## 1484	0.000000	5.00000	83.000000	0.040000000
## 1485	278.166667	76.00000	2735.728571	0.002439024
## 1486	239.000000	14.00000	337.500000	0.000000000
## 1487	0.000000	1.00000	0.000000	0.200000000
## 1488	319.300000	72.00000	4163.797619	0.000297619
## 1489	65.000000	15.00000	1728.321429	0.014285714

## 1490	0.000000	6.00000	255.000000 0.000000000
## 1491	0.000000	13.00000	449.600000 0.000000000
## 1492	0.000000	11.00000	243.666667 0.000000000
## 1493	0.000000	33.00000	2760.716667 0.038596491
## 1494	0.000000	42.00000	1503.250000 0.001550388
## 1495	0.000000	10.00000	591.166667 0.020000000
## 1496	0.000000	12.00000	402.500000 0.000000000
## 1497	17.000000	33.00000	1540.583333 0.000000000
## 1498	0.000000	28.00000	1561.083333 0.010000000
## 1499	0.000000	15.00000	1330.300000 0.000000000
## 1500	0.000000	2.00000	42.000000 0.000000000
## 1501	0.000000	5.00000	360.750000 0.000000000
## 1502	0.000000	15.00000	245.500000 0.014285714
## 1503	0.000000	4.00000	7.000000 0.000000000
## 1504	0.000000	15.00000	608.416667 0.000000000
## 1505	0.000000	18.00000	708.250000 0.000000000
## 1506	0.000000	7.00000	157.500000 0.000000000
## 1507	0.000000	33.00000	1123.242857 0.006060606
## 1508	0.000000	19.00000	926.633333 0.011111111
## 1509	0.000000	39.00000	2808.666667 0.000000000
## 1510	0.000000	26.00000	1685.266667 0.007692308
## 1511	0.000000	69.00000	2124.726768 0.002898551
## 1512	0.000000	38.00000	1272.916667 0.004878049
## 1513	0.000000	30.00000	474.500000 0.000000000
## 1514	0.000000	7.00000	180.333333 0.000000000
## 1515	0.000000	43.00000	1607.297619 0.002272727
## 1516	0.000000	8.00000	60.000000 0.000000000
## 1517	52.333333	6.00000	126.666667 0.000000000
## 1518	0.000000	7.00000	865.277778 0.000000000
## 1519	0.000000	49.00000	2612.357143 0.000000000
## 1520	0.000000	22.00000	850.208333 0.000000000
## 1521	0.000000	13.00000	556.666667 0.000000000
## 1522	0.000000	9.00000	186.700000 0.000000000
## 1523	853.750000	194.00000	6737.271825 0.000123762
## 1524	0.000000	24.00000	1762.250000 0.008333333
## 1525	222.000000	140.00000	8961.407671 0.001379310
## 1526	0.000000	14.00000	128.000000 0.000000000
## 1527	0.000000	8.00000	213.500000 0.000000000
## 1528	0.000000	21.00000	849.883333 0.012698413
## 1529	0.000000	1.00000	0.000000 0.200000000
## 1530	0.000000	13.00000	77.000000 0.014285714
## 1531	0.000000	2.00000	73.000000 0.050000000
## 1532	0.000000	8.00000	316.000000 0.000000000
## 1533	123.500000	24.00000	4114.083333 0.000000000
## 1534	12.000000	54.00000	1470.966667 0.009090909
## 1535	0.000000	7.00000	451.000000 0.000000000
## 1536	0.000000	3.00000	48.000000 0.000000000
## 1537	0.000000	3.00000	189.000000 0.000000000
## 1538	0.000000	27.00000	780.166667 0.000000000
## 1539	0.000000	3.00000	73.500000 0.040000000
## 1540	0.000000	20.00000	717.616667 0.000000000
## 1541	1146.666667	45.00000	3641.213151 0.002636535
## 1542	0.000000	25.00000	1040.750000 0.000000000
## 1543	0.000000	13.00000	833.233333 0.000000000

## 1544	0.000000	1.00000	0.000000 0.200000000
## 1545	0.000000	20.00000	453.625000 0.000000000
## 1546	0.000000	5.00000	51.250000 0.000000000
## 1547	11.000000	64.00000	1229.289286 0.000000000
## 1548	0.000000	28.00000	1202.000000 0.000000000
## 1549	0.000000	4.00000	538.000000 0.000000000
## 1550	0.000000	36.00000	1775.516667 0.000000000
## 1551	0.000000	7.00000	638.000000 0.037500000
## 1552	108.000000	10.00000	558.800000 0.000000000
## 1553	0.000000	3.00000	190.000000 0.033333333
## 1554	0.000000	10.00000	302.000000 0.042857143
## 1555	0.000000	5.00000	164.000000 0.040000000
## 1556	0.000000	5.00000	218.000000 0.000000000
## 1557	0.000000	13.00000	495.000000 0.000000000
## 1558	0.000000	2.00000	30.000000 0.000000000
## 1559	92.000000	37.00000	796.957143 0.000000000
## 1560	0.000000	9.00000	314.900000 0.000000000
## 1561	0.000000	49.00000	789.958333 0.004166667
## 1562	0.000000	19.00000	422.833333 0.010526316
## 1563	0.000000	7.00000	362.000000 0.000000000
## 1564	0.000000	18.00000	628.833333 0.000000000
## 1565	239.000000	11.00000	839.500000 0.016666667
## 1566	0.000000	31.00000	5764.366667 0.032258065
## 1567	0.000000	3.00000	161.000000 0.000000000
## 1568	0.000000	20.00000	739.833333 0.019047619
## 1569	0.000000	5.00000	66.000000 0.000000000
## 1570	0.000000	54.00000	2377.000000 0.000000000
## 1571	0.000000	2.00000	22.000000 0.000000000
## 1572	0.000000	9.00000	381.000000 0.000000000
## 1573	261.633333	26.00000	2559.898333 0.015789474
## 1574	0.000000	23.00000	553.150000 0.034782609
## 1575	0.000000	37.00000	651.000000 0.005405405
## 1576	65.000000	15.00000	1957.616667 0.000000000
## 1577	0.000000	2.00000	0.000000 0.200000000
## 1578	0.000000	59.00000	1660.222222 0.000000000
## 1579	0.000000	8.00000	170.000000 0.075000000
## 1580	0.000000	4.00000	47.000000 0.100000000
## 1581	0.000000	7.00000	165.000000 0.042857143
## 1582	0.000000	0.00000	0.000000 0.000000000
## 1583	0.000000	14.00000	406.866667 0.000000000
## 1584	0.000000	23.00000	570.516667 0.007407407
## 1585	0.000000	37.00000	1138.500000 0.000000000
## 1586	0.000000	63.00000	2777.616667 0.000000000
## 1587	0.000000	26.00000	463.758333 0.000000000
## 1588	0.000000	1.00000	0.000000 0.200000000
## 1589	0.000000	28.00000	775.500000 0.006451613
## 1590	0.000000	18.00000	490.066667 0.000000000
## 1591	0.000000	14.00000	266.016667 0.000000000
## 1592	0.000000	5.00000	1306.000000 0.060000000
## 1593	9.000000	9.00000	634.200000 0.005555556
## 1594	0.000000	1.00000	0.000000 0.000000000
## 1595	0.000000	22.00000	1220.433333 0.007692308
## 1596	132.000000	39.00000	1750.333333 0.000000000
## 1597	0.000000	43.00000	1087.250000 0.000000000

## 1598	0.000000	22.00000	762.547619	0.000000000
## 1599	0.000000	9.00000	244.500000	0.000000000
## 1600	0.000000	10.00000	1010.000000	0.022222222
## 1601	0.000000	2.00000	32.000000	0.000000000
## 1602	0.000000	27.00000	1342.666667	0.003333333
## 1603	201.000000	33.00000	1593.388889	0.011428571
## 1604	0.000000	9.00000	639.000000	0.000000000
## 1605	0.000000	4.00000	521.000000	0.100000000
## 1606	40.000000	17.00000	546.000000	0.000000000
## 1607	0.000000	8.00000	377.500000	0.012500000
## 1608	0.000000	14.00000	183.666667	0.000000000
## 1609	0.000000	5.00000	84.000000	0.040000000
## 1610	0.000000	18.00000	494.666667	0.000000000
## 1611	0.000000	62.00000	1003.965152	0.009850746
## 1612	0.000000	32.00000	536.683333	0.000000000
## 1613	292.684211	66.00000	3025.521713	0.015995116
## 1614	0.000000	24.00000	424.000000	0.000000000
## 1615	0.000000	5.00000	171.500000	0.000000000
## 1616	78.000000	67.00000	1231.136508	0.002985075
## 1617	0.000000	10.00000	266.500000	0.028571429
## 1618	0.000000	16.00000	1533.000000	0.000000000
## 1619	562.000000	36.00000	1300.190476	0.010810811
## 1620	0.000000	2.00000	74.000000	0.100000000
## 1621	907.833333	28.00000	804.283333	0.014141414
## 1622	0.000000	19.00000	734.583333	0.016666667
## 1623	0.000000	44.00000	3113.516667	0.001481481
## 1624	0.000000	3.00000	64.000000	0.000000000
## 1625	0.000000	7.00000	114.833333	0.014285714
## 1626	0.000000	6.00000	95.500000	0.000000000
## 1627	0.000000	7.00000	93.666667	0.028571429
## 1628	0.000000	3.00000	59.000000	0.000000000
## 1629	0.000000	3.00000	26.000000	0.000000000
## 1630	0.000000	62.00000	1136.603030	0.000000000
## 1631	609.000000	47.00000	2989.494048	0.000000000
## 1632	0.000000	30.00000	1724.250000	0.013793103
## 1633	571.500000	14.00000	333.600000	0.000000000
## 1634	0.000000	21.00000	334.785714	0.000000000
## 1635	0.000000	9.00000	355.166667	0.000000000
## 1636	0.000000	11.00000	456.666667	0.000000000
## 1637	0.000000	15.00000	1298.500000	0.026666667
## 1638	0.000000	28.00000	2258.833333	0.007142857
## 1639	0.000000	65.00000	2881.133333	0.000000000
## 1640	0.000000	10.00000	206.500000	0.000000000
## 1641	0.000000	8.00000	143.000000	0.000000000
## 1642	0.000000	11.00000	267.833333	0.018181818
## 1643	57.000000	5.00000	454.000000	0.000000000
## 1644	0.000000	13.00000	717.600000	0.000000000
## 1645	0.000000	20.00000	1069.168290	0.000000000
## 1646	0.000000	27.00000	807.833333	0.022222222
## 1647	0.000000	15.00000	477.000000	0.000000000
## 1648	0.000000	11.00000	134.900000	0.013333333
## 1649	0.000000	16.00000	314.000000	0.000000000
## 1650	0.000000	5.00000	59.000000	0.080000000
## 1651	1.000000	23.00000	637.000000	0.000000000

## 1652	270.333333	11.00000	160.500000 0.000000000
## 1653	0.000000	8.00000	1577.000000 0.000000000
## 1654	0.000000	11.00000	660.166667 0.000000000
## 1655	0.000000	7.00000	169.000000 0.000000000
## 1656	0.000000	6.00000	89.333333 0.000000000
## 1657	0.000000	37.00000	2517.048459 0.005128205
## 1658	0.000000	1.00000	44.000000 0.000000000
## 1659	0.000000	5.00000	29.000000 0.000000000
## 1660	0.000000	2.00000	86.000000 0.000000000
## 1661	0.000000	18.00000	229.750000 0.021052632
## 1662	0.000000	4.00000	17.000000 0.000000000
## 1663	0.000000	17.00000	498.333333 0.000000000
## 1664	3.000000	33.00000	1039.766667 0.000000000
## 1665	0.000000	11.00000	369.166667 0.000000000
## 1666	0.000000	23.00000	1669.000000 0.000000000
## 1667	0.000000	3.00000	44.500000 0.000000000
## 1668	0.000000	6.00000	140.000000 0.000000000
## 1669	0.000000	5.00000	97.000000 0.000000000
## 1670	0.000000	13.00000	250.166667 0.000000000
## 1671	0.000000	17.00000	221.200000 0.000000000
## 1672	0.000000	12.00000	127.000000 0.016666667
## 1673	0.000000	17.00000	229.333333 0.011111111
## 1674	0.000000	7.00000	370.833333 0.028571429
## 1675	0.000000	27.00000	1583.596154 0.000000000
## 1676	0.000000	27.00000	399.693939 0.000000000
## 1677	55.000000	12.00000	457.000000 0.014285714
## 1678	0.000000	3.00000	24.000000 0.066666667
## 1679	0.000000	5.00000	180.333333 0.020000000
## 1680	0.000000	15.00000	581.416667 0.000000000
## 1681	0.000000	13.00000	574.666667 0.000000000
## 1682	0.000000	5.00000	56.000000 0.000000000
## 1683	0.000000	16.00000	1011.000000 0.000000000
## 1684	0.000000	15.00000	139.833333 0.026666667
## 1685	0.000000	16.00000	608.833333 0.011764706
## 1686	0.000000	6.00000	1251.000000 0.033333333
## 1687	0.000000	14.00000	264.500000 0.000000000
## 1688	284.000000	54.00000	1509.800000 0.000000000
## 1689	0.000000	22.00000	356.800000 0.000000000
## 1690	0.000000	19.00000	598.783333 0.000000000
## 1691	0.000000	4.00000	298.000000 0.100000000
## 1692	0.000000	31.00000	1141.833333 0.000000000
## 1693	0.000000	6.00000	93.000000 0.000000000
## 1694	0.000000	40.00000	1209.802992 0.004878049
## 1695	0.000000	1.00000	0.000000 0.200000000
## 1696	0.000000	2.00000	67.000000 0.000000000
## 1697	29.500000	30.00000	1107.047619 0.000000000
## 1698	775.500000	19.00000	4996.666667 0.008000000
## 1699	0.000000	15.00000	936.166667 0.018750000
## 1700	0.000000	16.00000	666.100000 0.000000000
## 1701	0.000000	6.00000	170.833333 0.000000000
## 1702	0.000000	37.00000	1118.647186 0.000000000
## 1703	0.000000	2.00000	86.000000 0.000000000
## 1704	0.000000	28.00000	1206.614719 0.000000000
## 1705	0.000000	24.00000	2174.375000 0.008928571

## 1706	0.000000	2.00000	30.500000	0.000000000
## 1707	0.000000	6.00000	330.000000	0.066666667
## 1708	0.000000	13.00000	437.250000	0.069230769
## 1709	11.000000	110.00000	3211.827706	0.003571429
## 1710	0.000000	59.00000	3036.400000	0.000000000
## 1711	0.000000	9.00000	640.666667	0.000000000
## 1712	0.000000	30.00000	480.250000	0.007777778
## 1713	0.000000	32.00000	1350.391667	0.000000000
## 1714	0.000000	7.00000	38.000000	0.000000000
## 1715	0.000000	12.00000	976.200000	0.016666667
## 1716	0.000000	8.00000	70.200000	0.025000000
## 1717	0.000000	60.00000	2126.461941	0.008087680
## 1718	0.000000	44.00000	1112.000000	0.000000000
## 1719	0.000000	19.00000	409.750000	0.000000000
## 1720	0.000000	2.00000	171.000000	0.000000000
## 1721	0.000000	12.00000	401.285714	0.000000000
## 1722	0.000000	10.00000	423.833333	0.000000000
## 1723	0.000000	2.00000	115.000000	0.000000000
## 1724	0.000000	10.00000	427.166667	0.000000000
## 1725	0.000000	39.00000	609.500000	0.000000000
## 1726	0.000000	12.00000	547.333333	0.000000000
## 1727	265.000000	60.00000	2062.890972	0.014009662
## 1728	0.000000	49.00000	1077.007576	0.000000000
## 1729	0.000000	2.00000	19.000000	0.000000000
## 1730	0.000000	20.00000	1606.333333	0.010000000
## 1731	0.000000	21.00000	775.333333	0.000000000
## 1732	0.000000	13.00000	973.500000	0.000000000
## 1733	0.000000	4.00000	32.000000	0.000000000
## 1734	0.000000	24.00000	727.500000	0.000000000
## 1735	0.000000	14.00000	710.250000	0.000000000
## 1736	0.000000	48.00000	3644.752381	0.000000000
## 1737	44.000000	41.00000	1089.750000	0.000000000
## 1738	0.000000	14.00000	494.000000	0.000000000
## 1739	0.000000	84.00000	2566.220887	0.000000000
## 1740	41.500000	18.00000	1049.516667	0.023809524
## 1741	193.000000	4.00000	139.000000	0.000000000
## 1742	0.000000	19.00000	685.950000	0.000000000
## 1743	0.000000	8.00000	758.166667	0.025000000
## 1744	0.000000	46.00000	1852.750000	0.000000000
## 1745	0.000000	36.00000	2517.000000	0.000000000
## 1746	0.000000	19.00000	751.333333	0.000000000
## 1747	56.000000	35.00000	1549.857143	0.005263158
## 1748	0.000000	12.00000	202.250000	0.025000000
## 1749	0.000000	29.00000	669.967949	0.013793103
## 1750	0.000000	7.00000	95.000000	0.014285714
## 1751	279.500000	62.00000	1088.830952	0.000980392
## 1752	0.000000	9.00000	2151.000000	0.000000000
## 1753	0.000000	12.00000	130.500000	0.000000000
## 1754	146.000000	56.00000	2866.902020	0.000000000
## 1755	0.000000	19.00000	608.942857	0.009090909
## 1756	0.000000	7.00000	360.750000	0.000000000
## 1757	0.000000	2.00000	7.000000	0.000000000
## 1758	7.000000	132.00000	4056.175369	0.005882353
## 1759	0.000000	4.00000	46.000000	0.000000000

## 1760	0.000000	1.00000	0.000000 0.200000000
## 1761	869.000000	34.00000	771.591667 0.009090909
## 1762	0.000000	5.00000	112.000000 0.000000000
## 1763	0.000000	29.00000	491.100000 0.000000000
## 1764	0.000000	2.00000	14.000000 0.000000000
## 1765	49.000000	22.00000	602.166667 0.000000000
## 1766	0.000000	7.00000	77.333333 0.000000000
## 1767	0.000000	2.00000	4.000000 0.000000000
## 1768	90.000000	9.00000	103.666667 0.018181818
## 1769	0.000000	4.00000	125.000000 0.000000000
## 1770	0.000000	24.00000	387.884615 0.025000000
## 1771	0.000000	3.00000	23.000000 0.000000000
## 1772	0.000000	3.00000	249.000000 0.000000000
## 1773	18.000000	19.00000	345.383333 0.000000000
## 1774	111.000000	13.00000	1001.000000 0.000000000
## 1775	0.000000	8.00000	70.666667 0.025000000
## 1776	0.000000	20.00000	1298.000000 0.000000000
## 1777	0.000000	4.00000	75.500000 0.000000000
## 1778	0.000000	2.00000	57.000000 0.000000000
## 1779	451.500000	27.00000	1686.966667 0.006451613
## 1780	0.000000	10.00000	370.500000 0.000000000
## 1781	0.000000	4.00000	738.000000 0.100000000
## 1782	0.000000	13.00000	89.000000 0.046153846
## 1783	0.000000	5.00000	164.333333 0.060000000
## 1784	0.000000	24.00000	2244.666667 0.008000000
## 1785	0.000000	2.00000	5.000000 0.000000000
## 1786	148.500000	50.00000	3246.977381 0.000000000
## 1787	100.250000	62.00000	1573.233333 0.000000000
## 1788	0.000000	26.00000	779.505159 0.011111111
## 1789	0.000000	115.00000	2625.009524 0.000000000
## 1790	88.583333	43.00000	3266.127778 0.004242424
## 1791	0.000000	10.00000	303.250000 0.000000000
## 1792	0.000000	17.00000	806.666667 0.000000000
## 1793	0.000000	30.00000	465.416667 0.000000000
## 1794	0.000000	7.00000	1018.000000 0.000000000
## 1795	0.000000	7.00000	261.500000 0.000000000
## 1796	0.000000	4.00000	910.000000 0.000000000
## 1797	119.000000	41.00000	4270.141667 0.004444444
## 1798	0.000000	10.00000	413.000000 0.000000000
## 1799	0.000000	17.00000	372.800000 0.013333333
## 1800	0.000000	18.00000	550.500000 0.000000000
## 1801	168.833333	31.00000	1300.728987 0.000555556
## 1802	0.000000	4.00000	44.000000 0.050000000
## 1803	0.000000	7.00000	68.750000 0.000000000
## 1804	0.000000	37.00000	684.727273 0.005405405
## 1805	175.500000	27.00000	1253.333333 0.006666667
## 1806	0.000000	4.00000	331.000000 0.050000000
## 1807	0.000000	30.00000	1791.700000 0.013333333
## 1808	25.000000	46.00000	1596.672282 0.000000000
## 1809	0.000000	54.00000	9128.283883 0.011461988
## 1810	0.000000	7.00000	128.000000 0.000000000
## 1811	0.000000	13.00000	313.000000 0.000000000
## 1812	0.000000	8.00000	204.000000 0.000000000
## 1813	0.000000	2.00000	49.000000 0.000000000

## 1814	164.000000	73.00000	2490.138095	0.000000000
## 1815	0.000000	5.00000	86.000000	0.000000000
## 1816	0.000000	9.00000	140.000000	0.022222222
## 1817	0.000000	6.00000	162.750000	0.000000000
## 1818	32.000000	328.00000	9694.260714	0.001780415
## 1819	55.000000	19.00000	1762.500000	0.000000000
## 1820	0.000000	61.00000	2183.500000	0.000000000
## 1821	0.000000	10.00000	234.475000	0.000000000
## 1822	0.000000	10.00000	139.708333	0.000000000
## 1823	0.000000	33.00000	1371.633333	0.000000000
## 1824	2.000000	11.00000	711.566667	0.000000000
## 1825	0.000000	7.00000	232.666667	0.000000000
## 1826	0.000000	3.00000	51.500000	0.000000000
## 1827	0.000000	2.00000	11.000000	0.000000000
## 1828	172.000000	23.00000	176.819363	0.019444444
## 1829	35.000000	12.00000	240.000000	0.014285714
## 1830	0.000000	9.00000	415.833333	0.000000000
## 1831	0.000000	3.00000	66.000000	0.000000000
## 1832	0.000000	5.00000	95.500000	0.000000000
## 1833	0.000000	11.00000	200.850000	0.036363636
## 1834	0.000000	15.00000	839.500000	0.018750000
## 1835	0.000000	6.00000	80.000000	0.000000000
## 1836	77.000000	31.00000	2372.333333	0.000000000
## 1837	65.500000	49.00000	574.833333	0.000000000
## 1838	5.500000	34.00000	1045.102381	0.000000000
## 1839	0.000000	7.00000	971.000000	0.028571429
## 1840	0.000000	40.00000	1589.273810	0.000000000
## 1841	0.000000	10.00000	1656.666667	0.060000000
## 1842	64.000000	56.00000	1246.919048	0.003333333
## 1843	0.000000	16.00000	597.600000	0.000000000
## 1844	0.000000	31.00000	3888.166667	0.020000000
## 1845	0.000000	34.00000	2600.258333	0.011111111
## 1846	0.000000	9.00000	223.000000	0.000000000
## 1847	0.000000	10.00000	709.000000	0.000000000
## 1848	0.000000	5.00000	82.000000	0.100000000
## 1849	0.000000	23.00000	760.250000	0.000000000
## 1850	0.000000	9.00000	1362.000000	0.000000000
## 1851	0.000000	1.00000	0.000000	0.200000000
## 1852	62.000000	19.00000	924.333333	0.000000000
## 1853	0.000000	53.00000	1440.298918	0.012727273
## 1854	0.000000	53.00000	856.752240	0.000000000
## 1855	0.000000	2.00000	8.000000	0.000000000
## 1856	0.000000	2.00000	6.000000	0.000000000
## 1857	89.333333	18.00000	513.466667	0.000000000
## 1858	0.000000	2.00000	0.000000	0.200000000
## 1859	0.000000	15.00000	748.566667	0.016000000
## 1860	9.000000	3.00000	149.000000	0.000000000
## 1861	0.000000	2.00000	288.000000	0.000000000
## 1862	0.000000	25.00000	383.083333	0.018181818
## 1863	72.833333	39.00000	976.710317	0.004166667
## 1864	0.000000	32.00000	1916.633333	0.015625000
## 1865	26.000000	48.00000	1266.119048	0.000000000
## 1866	250.666667	44.00000	1679.833333	0.000000000
## 1867	0.000000	16.00000	315.166667	0.000000000

## 1868	0.000000	8.00000	290.000000	0.000000000
## 1869	0.000000	6.00000	463.500000	0.000000000
## 1870	0.000000	4.00000	1833.000000	0.000000000
## 1871	0.000000	9.00000	196.000000	0.000000000
## 1872	0.000000	2.00000	0.000000	0.200000000
## 1873	0.000000	53.00000	1200.892857	0.001818182
## 1874	0.000000	7.00000	139.333333	0.000000000
## 1875	403.000000	15.00000	665.566667	0.007142857
## 1876	166.000000	12.00000	151.900000	0.031111111
## 1877	0.000000	5.00000	1620.000000	0.140000000
## 1878	0.000000	24.00000	1268.000000	0.012500000
## 1879	117.285714	15.00000	969.102381	0.005882353
## 1880	0.000000	25.00000	773.466667	0.000000000
## 1881	0.000000	33.00000	808.166667	0.000000000
## 1882	0.000000	14.00000	469.876191	0.000000000
## 1883	0.000000	30.00000	823.500000	0.000000000
## 1884	0.000000	8.00000	201.000000	0.000000000
## 1885	0.000000	54.00000	1063.950000	0.000000000
## 1886	0.000000	13.00000	412.000000	0.000000000
## 1887	0.000000	14.00000	1789.398810	0.000000000
## 1888	0.000000	18.00000	644.125000	0.006250000
## 1889	0.000000	18.00000	529.702381	0.000000000
## 1890	0.000000	10.00000	254.000000	0.020000000
## 1891	0.000000	7.00000	221.714286	0.028571429
## 1892	0.000000	1.00000	0.000000	0.200000000
## 1893	0.000000	30.00000	312.333333	0.000000000
## 1894	0.000000	22.00000	325.750000	0.000000000
## 1895	419.000000	63.00000	2717.327381	0.002857143
## 1896	0.000000	79.00000	3380.691558	0.002666667
## 1897	0.000000	19.00000	614.944444	0.000000000
## 1898	0.000000	1.00000	19.000000	0.000000000
## 1899	0.000000	33.00000	1274.190476	0.005714286
## 1900	0.000000	12.00000	1071.611111	0.030769231
## 1901	0.000000	10.00000	408.000000	0.000000000
## 1902	0.000000	52.00000	2335.064286	0.007142857
## 1903	0.000000	2.00000	18.000000	0.100000000
## 1904	0.000000	53.00000	1299.383333	0.000000000
## 1905	0.000000	6.00000	83.000000	0.016666667
## 1906	0.000000	8.00000	489.000000	0.000000000
## 1907	0.000000	16.00000	226.500000	0.000000000
## 1908	0.000000	8.00000	233.666667	0.025000000
## 1909	0.000000	1.00000	0.000000	0.200000000
## 1910	0.000000	5.00000	71.000000	0.000000000
## 1911	0.000000	16.00000	1266.500000	0.000000000
## 1912	0.000000	8.00000	182.583333	0.000000000
## 1913	0.000000	12.00000	169.300000	0.000000000
## 1914	0.000000	37.00000	1358.750000	0.001754386
## 1915	0.000000	5.00000	131.000000	0.033333333
## 1916	205.000000	71.00000	2816.438810	0.000000000
## 1917	0.000000	25.00000	3484.233333	0.000000000
## 1918	156.000000	6.00000	131.000000	0.000000000
## 1919	0.000000	12.00000	1076.500000	0.000000000
## 1920	0.000000	8.00000	357.250000	0.000000000
## 1921	0.000000	6.00000	197.000000	0.000000000

## 1922	0.000000	31.00000	489.145238	0.011111111
## 1923	0.000000	11.00000	610.000000	0.000000000
## 1924	0.000000	17.00000	445.000000	0.047058824
## 1925	0.000000	17.00000	588.666667	0.011764706
## 1926	0.000000	24.00000	580.200000	0.000000000
## 1927	0.000000	32.00000	999.000000	0.000000000
## 1928	0.000000	16.00000	622.000000	0.000000000
## 1929	0.000000	6.00000	112.000000	0.000000000
## 1930	13.500000	24.00000	1005.849206	0.000000000
## 1931	0.000000	3.00000	29.000000	0.033333333
## 1932	0.000000	60.00000	3451.751515	0.006666667
## 1933	0.000000	5.00000	96.500000	0.000000000
## 1934	57.000000	19.00000	2217.333333	0.008333333
## 1935	0.000000	4.00000	50.000000	0.000000000
## 1936	0.000000	16.00000	485.666667	0.000000000
## 1937	0.000000	9.00000	388.000000	0.066666667
## 1938	0.000000	21.00000	484.950000	0.008695652
## 1939	0.000000	3.00000	55.000000	0.000000000
## 1940	0.000000	7.00000	111.666667	0.000000000
## 1941	0.000000	14.00000	269.500000	0.000000000
## 1942	0.000000	10.00000	284.000000	0.000000000
## 1943	0.000000	34.00000	1219.113725	0.007017544
## 1944	0.000000	21.00000	574.722619	0.000000000
## 1945	0.000000	46.00000	4053.092208	0.014184397
## 1946	0.000000	18.00000	1485.416667	0.000000000
## 1947	0.000000	7.00000	634.166667	0.015384615
## 1948	0.000000	41.00000	1182.106162	0.000000000
## 1949	48.000000	16.00000	333.750000	0.000000000
## 1950	0.000000	2.00000	4.000000	0.000000000
## 1951	0.000000	28.00000	550.066667	0.000000000
## 1952	0.000000	1.00000	0.000000	0.200000000
## 1953	0.000000	29.00000	218.000000	0.000000000
## 1954	0.000000	93.00000	2243.666667	0.010989011
## 1955	0.000000	38.00000	2193.150794	0.012280702
## 1956	0.000000	15.00000	289.850000	0.000000000
## 1957	0.000000	13.00000	909.500000	0.000000000
## 1958	0.000000	22.00000	1436.450000	0.000000000
## 1959	241.500000	45.00000	1998.444081	0.009090909
## 1960	58.000000	12.00000	777.500000	0.000000000
## 1961	0.000000	4.00000	126.500000	0.016666667
## 1962	0.000000	8.00000	100.000000	0.000000000
## 1963	0.000000	27.00000	598.450000	0.000000000
## 1964	0.000000	7.00000	87.714286	0.042857143
## 1965	199.000000	40.00000	1834.166667	0.000000000
## 1966	0.000000	2.00000	15.000000	0.000000000
## 1967	172.000000	28.00000	1365.216667	0.000000000
## 1968	0.000000	6.00000	36.000000	0.066666667
## 1969	419.000000	22.00000	1005.806061	0.000000000
## 1970	101.000000	76.00000	5186.116667	0.004878049
## 1971	29.666667	52.00000	2211.608333	0.008888889
## 1972	0.000000	8.00000	167.000000	0.000000000
## 1973	0.000000	47.00000	2102.581502	0.004166667
## 1974	353.333333	45.00000	2003.415152	0.007142857
## 1975	54.000000	41.00000	1490.552778	0.000000000

## 1976	0.000000	35.00000	1988.658333	0.008943089
## 1977	0.000000	8.00000	148.750000	0.000000000
## 1978	0.000000	2.00000	134.000000	0.000000000
## 1979	0.000000	16.00000	191.071429	0.000000000
## 1980	0.000000	16.00000	222.000000	0.025000000
## 1981	0.000000	5.00000	116.500000	0.000000000
## 1982	0.000000	3.00000	190.000000	0.000000000
## 1983	0.000000	68.00000	809.245635	0.002985075
## 1984	0.000000	8.00000	262.166667	0.000000000
## 1985	0.000000	4.00000	22.000000	0.050000000
## 1986	0.000000	11.00000	234.992424	0.000000000
## 1987	0.000000	8.00000	258.000000	0.025000000
## 1988	0.000000	2.00000	0.000000	0.200000000
## 1989	263.000000	6.00000	133.333333	0.000000000
## 1990	0.000000	12.00000	255.300000	0.002000000
## 1991	0.000000	96.00000	1524.748377	0.000000000
## 1992	0.000000	17.00000	1306.666667	0.010526316
## 1993	0.000000	12.00000	224.166667	0.000000000
## 1994	0.000000	24.00000	473.683333	0.008333333
## 1995	0.000000	21.00000	686.400000	0.003846154
## 1996	34.506387	31.76388	31.763884	0.022152462
## 1997	34.506387	31.76388	31.763884	0.022152462
## 1998	70.500000	75.00000	3537.991667	0.011714286
## 1999	135.500000	52.00000	1896.272222	0.005310734
## 2000	0.000000	29.00000	598.297619	0.000000000
## 2001	0.000000	10.00000	127.500000	0.000000000
## 2002	0.000000	7.00000	154.000000	0.000000000
## 2003	604.800000	160.00000	5349.563713	0.001142857
## 2004	-1.000000	1.00000	-1.000000	0.000000000
## 2005	0.000000	3.00000	77.000000	0.000000000
## 2006	0.000000	7.00000	98.500000	0.071428571
## 2007	0.000000	12.00000	810.000000	0.000000000
## 2008	0.000000	3.00000	903.000000	0.000000000
## 2009	0.000000	86.00000	2973.008333	0.002222222
## 2010	-1.000000	1.00000	-1.000000	0.200000000
## 2011	0.000000	7.00000	1093.000000	0.037500000
## 2012	0.000000	3.00000	137.000000	0.000000000
## 2013	0.000000	8.00000	136.750000	0.005000000
## 2014	0.000000	6.00000	384.000000	0.000000000
## 2015	0.000000	9.00000	125.000000	0.000000000
## 2016	0.000000	2.00000	44.000000	0.000000000
## 2017	-1.000000	1.00000	-1.000000	0.200000000
## 2018	0.000000	31.00000	1975.458333	0.000000000
## 2019	0.000000	42.00000	758.750000	0.004444444
## 2020	46.666667	20.00000	1267.155556	0.001481481
## 2021	0.000000	18.00000	381.333333	0.000000000
## 2022	91.000000	31.00000	1271.821212	0.000000000
## 2023	0.000000	32.00000	827.646212	0.000000000
## 2024	0.000000	5.00000	36.000000	0.150000000
## 2025	0.000000	19.00000	1011.500000	0.000000000
## 2026	415.000000	20.00000	1267.233333	0.000000000
## 2027	97.000000	66.00000	4891.972222	0.000000000
## 2028	0.000000	27.00000	694.303571	0.000000000
## 2029	118.000000	150.00000	4764.429997	0.000000000

## 2030	0.000000	31.00000	1350.500000	0.006451613
## 2031	56.000000	17.00000	1385.833333	0.005882353
## 2032	0.000000	15.00000	500.000000	0.026666667
## 2033	0.000000	22.00000	285.988095	0.000000000
## 2034	0.000000	6.00000	45.500000	0.057142857
## 2035	0.000000	13.00000	1507.333333	0.016666667
## 2036	24.000000	27.00000	1460.566667	0.000000000
## 2037	0.000000	4.00000	214.000000	0.000000000
## 2038	0.000000	6.00000	136.500000	0.000000000
## 2039	0.000000	6.00000	254.000000	0.025000000
## 2040	0.000000	13.00000	545.571429	0.013333333
## 2041	865.000000	27.00000	1244.833333	0.000000000
## 2042	0.000000	21.00000	555.894444	0.000000000
## 2043	0.000000	19.00000	429.633333	0.000000000
## 2044	0.000000	10.00000	111.000000	0.000000000
## 2045	0.000000	1.00000	0.000000	0.200000000
## 2046	0.000000	16.00000	402.690476	0.000000000
## 2047	0.000000	15.00000	292.694444	0.000000000
## 2048	0.000000	24.00000	654.066667	0.000000000
## 2049	39.000000	95.00000	4990.959524	0.004123711
## 2050	0.000000	4.00000	158.000000	0.050000000
## 2051	0.000000	77.00000	3332.208333	0.002040816
## 2052	0.000000	130.00000	4164.936905	0.006153846
## 2053	0.000000	1.00000	0.000000	0.200000000
## 2054	0.000000	25.00000	1194.500000	0.000000000
## 2055	0.000000	21.00000	638.333333	0.000000000
## 2056	0.000000	13.00000	152.250000	0.030769231
## 2057	0.000000	17.00000	631.500000	0.011764706
## 2058	0.000000	9.00000	58.000000	0.155555556
## 2059	144.500000	83.00000	6860.632738	0.011512297
## 2060	0.000000	2.00000	0.000000	0.200000000
## 2061	0.000000	28.00000	271.125000	0.000000000
## 2062	0.000000	1.00000	0.000000	0.200000000
## 2063	0.000000	151.00000	2564.278157	0.009172260
## 2064	0.000000	12.00000	896.500000	0.008333333
## 2065	0.000000	57.00000	4895.022989	0.003333333
## 2066	9.000000	58.00000	2293.599020	0.008357771
## 2067	0.000000	77.00000	1449.683333	0.000000000
## 2068	89.500000	8.00000	249.000000	0.066666667
## 2069	0.000000	5.00000	37.500000	0.000000000
## 2070	0.000000	10.00000	121.000000	0.016666667
## 2071	30.000000	51.00000	1403.841919	0.003636364
## 2072	0.000000	8.00000	227.000000	0.025000000
## 2073	0.000000	8.00000	228.000000	0.025000000
## 2074	0.000000	16.00000	461.083333	0.000000000
## 2075	0.000000	2.00000	12.000000	0.000000000
## 2076	0.000000	34.00000	762.500000	0.000000000
## 2077	0.000000	5.00000	74.500000	0.000000000
## 2078	0.000000	21.00000	898.000000	0.015384615
## 2079	0.000000	5.00000	91.000000	0.000000000
## 2080	0.000000	19.00000	583.166667	0.010526316
## 2081	0.000000	13.00000	392.928571	0.012500000
## 2082	0.000000	13.00000	177.500000	0.000000000
## 2083	0.000000	13.00000	436.000000	0.030769231

## 2084	0.000000	79.00000	2819.966667	0.006097561
## 2085	0.000000	2.00000	4.000000	0.000000000
## 2086	0.000000	1.00000	0.000000	0.200000000
## 2087	0.000000	23.00000	1888.500000	0.000000000
## 2088	300.900000	33.00000	1801.371429	0.005500000
## 2089	0.000000	117.00000	13158.666670	0.006896552
## 2090	0.000000	6.00000	140.000000	0.000000000
## 2091	0.000000	5.00000	252.500000	0.000000000
## 2092	0.000000	12.00000	666.000000	0.000000000
## 2093	0.000000	36.00000	851.333333	0.010810811
## 2094	0.000000	18.00000	224.000000	0.011764706
## 2095	0.000000	13.00000	253.333333	0.030769231
## 2096	0.000000	28.00000	717.219048	0.005882353
## 2097	0.000000	22.00000	370.333333	0.018181818
## 2098	0.000000	1.00000	0.000000	0.200000000
## 2099	0.000000	29.00000	5198.533333	0.000000000
## 2100	0.000000	19.00000	1148.838095	0.012121212
## 2101	0.000000	13.00000	152.666667	0.033333333
## 2102	0.000000	6.00000	474.000000	0.000000000
## 2103	0.000000	15.00000	907.500000	0.006666667
## 2104	0.000000	12.00000	505.333333	0.083333333
## 2105	0.000000	20.00000	497.000000	0.015000000
## 2106	0.000000	46.00000	1103.916667	0.000000000
## 2107	0.000000	4.00000	0.000000	0.200000000
## 2108	18.000000	25.00000	430.500000	0.000000000
## 2109	0.000000	31.00000	866.700000	0.011827957
## 2110	0.000000	21.00000	1492.166667	0.023809524
## 2111	0.000000	7.00000	17.000000	0.085714286
## 2112	0.000000	7.00000	137.500000	0.000000000
## 2113	0.000000	20.00000	950.328571	0.072108844
## 2114	0.000000	2.00000	7.000000	0.000000000
## 2115	0.000000	18.00000	286.000000	0.011111111
## 2116	0.000000	25.00000	1711.333333	0.000000000
## 2117	0.000000	45.00000	2487.333333	0.018604651
## 2118	0.000000	5.00000	829.500000	0.000000000
## 2119	0.000000	7.00000	88.000000	0.062500000
## 2120	0.000000	26.00000	1163.333333	0.000000000
## 2121	0.000000	20.00000	1171.333333	0.003174603
## 2122	0.000000	8.00000	149.000000	0.133333333
## 2123	0.000000	12.00000	131.500000	0.000000000
## 2124	0.000000	4.00000	81.500000	0.000000000
## 2125	0.000000	9.00000	394.500000	0.000000000
## 2126	0.000000	17.00000	336.000000	0.000000000
## 2127	0.000000	21.00000	452.797619	0.000000000
## 2128	0.000000	1.00000	0.000000	0.200000000
## 2129	0.000000	36.00000	2281.208333	0.022916667
## 2130	0.000000	36.00000	1262.833333	0.000000000
## 2131	0.000000	1.00000	0.000000	0.200000000
## 2132	0.000000	1.00000	643.000000	0.133333333
## 2133	0.000000	6.00000	189.000000	0.066666667
## 2134	262.000000	49.00000	2338.567766	0.023529412
## 2135	0.000000	6.00000	181.000000	0.000000000
## 2136	0.000000	24.00000	597.833333	0.008333333
## 2137	0.000000	28.00000	549.083333	0.000000000

## 2138	0.000000	1.00000	0.000000 0.200000000
## 2139	0.000000	10.00000	170.000000 0.040000000
## 2140	0.000000	4.00000	46.000000 0.026666667
## 2141	108.000000	51.00000	1742.325216 0.003636364
## 2142	0.000000	40.00000	787.200000 0.000000000
## 2143	0.000000	33.00000	1239.500000 0.070588235
## 2144	0.000000	23.00000	867.333333 0.000000000
## 2145	0.000000	1.00000	0.000000 0.200000000
## 2146	0.000000	124.00000	4093.430519 0.005816216
## 2147	0.000000	19.00000	216.166667 0.038095238
## 2148	162.000000	23.00000	659.083333 0.013580247
## 2149	51.000000	43.00000	2265.529221 0.004000000
## 2150	0.000000	8.00000	729.000000 0.041666667
## 2151	0.000000	23.00000	1299.500000 0.034782609
## 2152	0.000000	6.00000	103.000000 0.000000000
## 2153	0.000000	16.00000	129.333333 0.000000000
## 2154	0.000000	2.00000	162.000000 0.000000000
## 2155	0.000000	5.00000	122.000000 0.028571429
## 2156	0.000000	71.00000	1294.251207 0.002631579
## 2157	80.000000	10.00000	246.791667 0.000000000
## 2158	115.000000	45.00000	2889.250000 0.000000000
## 2159	470.000000	84.00000	3882.025758 0.004909561
## 2160	0.000000	25.00000	4207.666667 0.008333333
## 2161	0.000000	18.00000	199.500000 0.016666667
## 2162	0.000000	28.00000	2529.750000 0.066666667
## 2163	0.000000	9.00000	2081.000000 0.044444444
## 2164	0.000000	21.00000	1845.666667 0.018787879
## 2165	8.000000	51.00000	1927.031548 0.003954802
## 2166	0.000000	1.00000	0.000000 0.200000000
## 2167	0.000000	11.00000	831.933333 0.000000000
## 2168	0.000000	82.00000	706.299603 0.000000000
## 2169	75.000000	32.00000	1888.547619 0.010810811
## 2170	58.952381	54.00000	2407.322811 0.003448276
## 2171	0.000000	42.00000	1528.382468 0.000000000
## 2172	394.000000	25.00000	599.100000 0.013333333
## 2173	0.000000	34.00000	4656.800366 0.006306306
## 2174	0.000000	5.00000	151.200000 0.000000000
## 2175	12.000000	75.00000	5378.045851 0.020132610
## 2176	0.000000	7.00000	212.000000 0.028571429
## 2177	0.000000	0.00000	0.000000 0.100000000
## 2178	0.000000	16.00000	748.400000 0.014285714
## 2179	0.000000	38.00000	314.833333 0.010526316
## 2180	0.000000	19.00000	867.833333 0.015000000
## 2181	56.000000	9.00000	379.000000 0.000000000
## 2182	0.000000	3.00000	66.500000 0.050000000
## 2183	213.000000	26.00000	994.822222 0.000000000
## 2184	0.000000	50.00000	824.666667 0.000000000
## 2185	0.000000	1.00000	0.000000 0.200000000
## 2186	191.000000	15.00000	443.933333 0.000000000
## 2187	0.000000	32.00000	906.300000 0.005128205
## 2188	0.000000	3.00000	57.000000 0.000000000
## 2189	0.000000	6.00000	117.000000 0.083333333
## 2190	163.000000	50.00000	2424.750000 0.000000000
## 2191	0.000000	1.00000	0.000000 0.200000000

## 2192	0.000000	3.00000	311.000000	0.100000000
## 2193	188.000000	160.00000	2418.529040	0.004878049
## 2194	0.000000	39.00000	905.600000	0.012820513
## 2195	0.000000	8.00000	100.000000	0.075000000
## 2196	0.000000	30.00000	986.500000	0.006666667
## 2197	0.000000	32.00000	3121.555556	0.009259259
## 2198	0.000000	34.00000	1378.966667	0.007894737
## 2199	0.000000	49.00000	3003.419048	0.010526316
## 2200	25.000000	43.00000	2053.933333	0.012878788
## 2201	0.000000	4.00000	212.500000	0.000000000
## 2202	0.000000	29.00000	785.474359	0.000000000
## 2203	0.000000	23.00000	316.333333	0.008333333
## 2204	360.000000	28.00000	769.500000	0.024242424
## 2205	0.000000	15.00000	298.166667	0.013333333
## 2206	48.000000	32.00000	1808.333333	0.050000000
## 2207	0.000000	30.00000	1184.500000	0.006666667
## 2208	0.000000	3.00000	184.500000	0.040000000
## 2209	243.000000	127.00000	2573.875000	0.000256410
## 2210	17.000000	64.00000	2121.304304	0.003188406
## 2211	0.000000	125.00000	4639.410534	0.012433862
## 2212	66.000000	16.00000	315.366667	0.000000000
## 2213	49.500000	11.00000	1464.000000	0.000000000
## 2214	236.000000	66.00000	1483.550000	0.000000000
## 2215	97.000000	53.00000	2247.608298	0.004848485
## 2216	0.000000	19.00000	950.000000	0.000000000
## 2217	227.250000	104.00000	6254.420122	0.028065242
## 2218	0.000000	1.00000	0.000000	0.200000000
## 2219	0.000000	3.00000	29.000000	0.000000000
## 2220	0.000000	7.00000	228.000000	0.000000000
## 2221	0.000000	2.00000	205.000000	0.000000000
## 2222	0.000000	35.00000	1570.500000	0.000000000
## 2223	0.000000	14.00000	101.000000	0.131250000
## 2224	0.000000	11.00000	295.900000	0.000000000
## 2225	0.000000	7.00000	196.500000	0.000000000
## 2226	0.000000	15.00000	524.500000	0.000000000
## 2227	0.000000	2.00000	0.000000	0.200000000
## 2228	451.500000	28.00000	674.434524	0.005882353
## 2229	0.000000	32.00000	931.500000	0.008823529
## 2230	246.333333	16.00000	672.879487	0.021428571
## 2231	0.000000	5.00000	0.000000	0.200000000
## 2232	0.000000	73.00000	3022.478571	0.002631579
## 2233	0.000000	27.00000	877.500000	0.000000000
## 2234	416.000000	20.00000	412.833333	0.019047619
## 2235	0.000000	22.00000	486.500000	0.000000000
## 2236	51.000000	29.00000	1225.500000	0.000000000
## 2237	0.000000	1.00000	0.000000	0.200000000
## 2238	0.000000	2.00000	0.000000	0.200000000
## 2239	0.000000	90.00000	1221.853846	0.002061856
## 2240	0.000000	14.00000	258.000000	0.164285714
## 2241	0.000000	30.00000	1370.833333	0.042145594
## 2242	0.000000	15.00000	1652.000000	0.040000000
## 2243	0.000000	6.00000	178.333333	0.000000000
## 2244	0.000000	43.00000	1146.500000	0.006976744
## 2245	0.000000	98.00000	2680.828571	0.009183673

## 2246	0.000000	11.00000	197.500000 0.000000000
## 2247	81.000000	46.00000	2295.182143 0.004081633
## 2248	0.000000	1.00000	0.000000 0.200000000
## 2249	0.000000	17.00000	248.900000 0.000000000
## 2250	0.000000	2.00000	44.000000 0.000000000
## 2251	0.000000	44.00000	1151.116667 0.000000000
## 2252	0.000000	28.00000	830.000000 0.013793103
## 2253	0.000000	15.00000	125.250000 0.025000000
## 2254	0.000000	3.00000	17.000000 0.000000000
## 2255	0.000000	42.00000	2172.333333 0.000000000
## 2256	1636.000000	49.00000	4945.083333 0.009259259
## 2257	0.000000	21.00000	358.250000 0.038095238
## 2258	0.000000	13.00000	233.166667 0.000000000
## 2259	0.000000	20.00000	528.000000 0.000000000
## 2260	0.000000	16.00000	1154.766667 0.005263158
## 2261	16.000000	30.00000	1522.816667 0.026666667
## 2262	0.000000	13.00000	468.166667 0.000000000
## 2263	0.000000	15.00000	432.500000 0.000000000
## 2264	0.000000	36.00000	1100.916667 0.007692308
## 2265	0.000000	33.00000	663.233333 0.026470588
## 2266	0.000000	24.00000	2874.083333 0.025000000
## 2267	606.750000	47.00000	1813.864610 0.007377049
## 2268	261.833333	13.00000	214.692208 0.033333333
## 2269	0.000000	2.00000	28.000000 0.000000000
## 2270	0.000000	5.00000	78.500000 0.000000000
## 2271	0.000000	28.00000	534.583333 0.000000000
## 2272	0.000000	10.00000	262.666667 0.020000000
## 2273	0.000000	56.00000	1056.150000 0.026502732
## 2274	0.000000	31.00000	1273.875000 0.000000000
## 2275	66.000000	27.00000	875.500000 0.000000000
## 2276	0.000000	1.00000	0.000000 0.200000000
## 2277	308.000000	14.00000	582.000000 0.000000000
## 2278	0.000000	13.00000	0.000000 0.200000000
## 2279	0.000000	9.00000	63.666667 0.088888889
## 2280	0.000000	1.00000	0.000000 0.200000000
## 2281	0.000000	22.00000	1443.250000 0.063636364
## 2282	15.000000	30.00000	569.119048 0.000000000
## 2283	0.000000	16.00000	386.444444 0.000000000
## 2284	0.000000	13.00000	399.500000 0.000000000
## 2285	0.000000	10.00000	238.500000 0.000000000
## 2286	0.000000	3.00000	17.000000 0.066666667
## 2287	0.000000	0.00000	0.000000 0.200000000
## 2288	0.000000	1.00000	0.000000 0.200000000
## 2289	0.000000	2.00000	59.000000 0.000000000
## 2290	0.000000	47.00000	1506.220833 0.000000000
## 2291	0.000000	7.00000	96.000000 0.000000000
## 2292	0.000000	20.00000	588.900000 0.000000000
## 2293	0.000000	43.00000	1719.416667 0.004347826
## 2294	0.000000	4.00000	41.000000 0.100000000
## 2295	257.000000	31.00000	1906.800000 0.018750000
## 2296	0.000000	10.00000	262.500000 0.000000000
## 2297	0.000000	17.00000	457.233333 0.000000000
## 2298	0.000000	1.00000	0.000000 0.200000000
## 2299	0.000000	6.00000	227.333333 0.000000000

## 2300	0.000000	2.00000	0.000000	0.000000000
## 2301	0.000000	8.00000	95.000000	0.009090909
## 2302	0.000000	8.00000	517.500000	0.000000000
## 2303	298.000000	16.00000	570.333333	0.011764706
## 2304	0.000000	15.00000	183.095238	0.000000000
## 2305	0.000000	10.00000	366.000000	0.020000000
## 2306	0.000000	3.00000	133.500000	0.100000000
## 2307	0.000000	1.00000	0.000000	0.200000000
## 2308	0.000000	25.00000	280.933333	0.000000000
## 2309	0.000000	4.00000	44.000000	0.000000000
## 2310	0.000000	9.00000	265.600000	0.022222222
## 2311	0.000000	1.00000	0.000000	0.200000000
## 2312	0.000000	3.00000	165.000000	0.000000000
## 2313	0.000000	5.00000	109.000000	0.080000000
## 2314	0.000000	47.00000	901.250000	0.008333333
## 2315	161.000000	34.00000	1406.209524	0.010810811
## 2316	33.000000	25.00000	972.250000	0.019230769
## 2317	0.000000	34.00000	965.833333	0.000000000
## 2318	0.000000	2.00000	0.000000	0.200000000
## 2319	0.000000	5.00000	214.000000	0.000000000
## 2320	0.000000	7.00000	267.000000	0.000000000
## 2321	281.500000	5.00000	236.166667	0.000000000
## 2322	48.000000	25.00000	879.666667	0.000000000
## 2323	0.000000	6.00000	1044.000000	0.000000000
## 2324	132.833333	45.00000	901.091667	0.004000000
## 2325	32.000000	32.00000	1671.257393	0.005555556
## 2326	0.000000	50.00000	1483.366667	0.000000000
## 2327	0.000000	19.00000	5538.916667	0.024000000
## 2328	0.000000	11.00000	191.000000	0.000000000
## 2329	0.000000	20.00000	451.933333	0.014285714
## 2330	0.000000	10.00000	224.000000	0.000000000
## 2331	0.000000	44.00000	670.300000	0.012765957
## 2332	0.000000	5.00000	210.000000	0.160000000
## 2333	0.000000	19.00000	900.916667	0.027777778
## 2334	56.500000	10.00000	368.000000	0.000000000
## 2335	0.000000	0.00000	0.000000	0.200000000
## 2336	0.000000	9.00000	216.000000	0.066666667
## 2337	0.000000	23.00000	1580.166667	0.024000000
## 2338	0.000000	40.00000	587.691176	0.005000000
## 2339	0.000000	64.00000	2471.391775	0.005555556
## 2340	0.000000	23.00000	502.466667	0.000000000
## 2341	0.000000	7.00000	317.000000	0.025000000
## 2342	0.000000	65.00000	3864.428571	0.006153846
## 2343	0.000000	69.00000	2456.297619	0.001408451
## 2344	0.000000	66.00000	2656.183333	0.000925926
## 2345	0.000000	19.00000	599.000000	0.015000000
## 2346	0.000000	13.00000	1212.000000	0.000000000
## 2347	0.000000	3.00000	127.000000	0.000000000
## 2348	0.000000	9.00000	0.000000	0.200000000
## 2349	0.000000	10.00000	173.250000	0.000000000
## 2350	16.000000	23.00000	599.333333	0.008333333
## 2351	0.000000	48.00000	2215.866667	0.001041667
## 2352	88.000000	77.00000	5284.765079	0.000000000
## 2353	0.000000	17.00000	433.133333	0.023529412

## 2354	545.000000	65.00000	1690.790351 0.014642857
## 2355	57.000000	63.00000	1621.152083 0.007692308
## 2356	0.000000	13.00000	454.500000 0.000000000
## 2357	0.000000	14.00000	197.500000 0.021428571
## 2358	0.000000	29.00000	911.500000 0.022988506
## 2359	0.000000	10.00000	196.500000 0.044444444
## 2360	0.000000	7.00000	115.666667 0.000000000
## 2361	26.000000	41.00000	1019.293939 0.049481481
## 2362	0.000000	53.00000	715.500000 0.022641509
## 2363	0.000000	150.00000	3147.584294 0.005547653
## 2364	0.000000	11.00000	321.958333 0.000000000
## 2365	0.000000	22.00000	169.500000 0.009090909
## 2366	89.000000	49.00000	2104.311400 0.009615385
## 2367	0.000000	12.00000	499.000000 0.000000000
## 2368	0.000000	9.00000	120.000000 0.000000000
## 2369	144.500000	116.00000	7009.095996 0.000000000
## 2370	186.000000	105.00000	8704.372405 0.026260504
## 2371	0.000000	1.00000	0.000000 0.200000000
## 2372	0.000000	42.00000	2058.250000 0.021138211
## 2373	0.000000	1.00000	0.000000 0.200000000
## 2374	0.000000	19.00000	580.500000 0.010526316
## 2375	0.000000	1.00000	0.000000 0.200000000
## 2376	0.000000	52.00000	1701.857143 0.003200000
## 2377	0.000000	15.00000	312.700000 0.010000000
## 2378	0.000000	2.00000	0.000000 0.200000000
## 2379	0.000000	9.00000	495.000000 0.022222222
## 2380	0.000000	6.00000	202.000000 0.033333333
## 2381	0.000000	39.00000	908.333333 0.000000000
## 2382	0.000000	30.00000	480.500000 0.033333333
## 2383	404.583333	58.00000	3473.857143 0.005714286
## 2384	0.000000	5.00000	277.000000 0.000000000
## 2385	0.000000	5.00000	226.000000 0.086666667
## 2386	0.000000	5.00000	138.000000 0.020000000
## 2387	0.000000	8.00000	59.000000 0.000000000
## 2388	0.000000	1.00000	0.000000 0.200000000
## 2389	0.000000	19.00000	273.000000 0.035294118
## 2390	0.000000	10.00000	0.000000 0.200000000
## 2391	0.000000	16.00000	360.000000 0.000000000
## 2392	0.000000	2.00000	40.000000 0.000000000
## 2393	28.000000	1.00000	0.000000 0.066666667
## 2394	0.000000	27.00000	1547.500000 0.000000000
## 2395	0.000000	25.00000	1127.250000 0.002666667
## 2396	52.000000	29.00000	996.083333 0.002777778
## 2397	0.000000	13.00000	227.700000 0.027777778
## 2398	0.000000	10.00000	579.333333 0.000000000
## 2399	0.000000	12.00000	237.000000 0.000000000
## 2400	472.000000	14.00000	678.500000 0.000000000
## 2401	0.000000	29.00000	3098.033333 0.000000000
## 2402	0.000000	6.00000	81.000000 0.080000000
## 2403	0.000000	12.00000	285.166667 0.000000000
## 2404	0.000000	1.00000	340.200000 0.066666667
## 2405	0.000000	10.00000	231.000000 0.120000000
## 2406	37.000000	28.00000	2054.114286 0.000000000
## 2407	0.000000	21.00000	2008.833333 0.000000000

## 2408	0.000000	19.00000	1065.900000	0.016666667
## 2409	0.000000	6.00000	619.000000	0.000000000
## 2410	0.000000	21.00000	584.133333	0.000000000
## 2411	0.000000	1.00000	0.000000	0.200000000
## 2412	0.000000	149.00000	4107.119658	0.006369427
## 2413	0.000000	12.00000	293.500000	0.050000000
## 2414	0.000000	9.00000	229.666667	0.033333333
## 2415	0.000000	11.00000	155.833333	0.000000000
## 2416	0.000000	92.00000	1688.058761	0.004347826
## 2417	0.000000	10.00000	234.000000	0.022222222
## 2418	0.000000	13.00000	197.200000	0.030769231
## 2419	39.666667	89.00000	3509.130952	0.005617978
## 2420	0.000000	16.00000	866.500000	0.000000000
## 2421	499.000000	12.00000	755.000000	0.000000000
## 2422	0.000000	4.00000	30.000000	0.040000000
## 2423	0.000000	48.00000	1681.523810	0.000000000
## 2424	0.000000	61.00000	2635.616270	0.000000000
## 2425	0.000000	22.00000	231.500000	0.036363636
## 2426	346.166667	9.00000	194.333333	0.000000000
## 2427	108.000000	36.00000	1564.161905	0.018333333
## 2428	58.000000	41.00000	854.286325	0.018750000
## 2429	0.000000	4.00000	124.500000	0.050000000
## 2430	0.000000	34.00000	1021.750000	0.000000000
## 2431	66.000000	77.00000	2660.150000	0.000000000
## 2432	0.000000	2.00000	12.000000	0.050000000
## 2433	125.000000	1.00000	34.000000	0.000000000
## 2434	0.000000	2.00000	17.000000	0.100000000
## 2435	0.000000	36.00000	1135.166667	0.007407407
## 2436	0.000000	13.00000	298.233333	0.000000000
## 2437	0.000000	12.00000	554.500000	0.000000000
## 2438	0.000000	22.00000	335.666667	0.000000000
## 2439	4.000000	95.00000	2107.583333	0.000000000
## 2440	0.000000	4.00000	96.333333	0.000000000
## 2441	10.666667	75.00000	2755.336111	0.002812500
## 2442	0.000000	69.00000	653.277778	0.014705882
## 2443	0.000000	4.00000	44.000000	0.000000000
## 2444	64.000000	33.00000	964.047619	0.000000000
## 2445	0.000000	22.00000	650.666667	0.026086957
## 2446	0.000000	5.00000	256.666667	0.027272727
## 2447	0.000000	5.00000	28.000000	0.120000000
## 2448	0.000000	23.00000	1516.966667	0.000000000
## 2449	0.000000	24.00000	648.067857	0.016666667
## 2450	0.000000	16.00000	462.000000	0.012500000
## 2451	0.000000	6.00000	63.000000	0.000000000
## 2452	39.000000	16.00000	630.500000	0.000000000
## 2453	0.000000	5.00000	42.000000	0.040000000
## 2454	0.000000	19.00000	688.666667	0.042105263
## 2455	0.000000	8.00000	181.000000	0.000000000
## 2456	0.000000	14.00000	285.416667	0.000000000
## 2457	0.000000	7.00000	61.333333	0.014285714
## 2458	0.000000	81.00000	2961.483333	0.007058824
## 2459	0.000000	23.00000	406.000000	0.030434783
## 2460	0.000000	60.00000	3222.758730	0.014367816
## 2461	0.000000	7.00000	128.000000	0.028571429

## 2462	0.000000	19.00000	500.788095	0.000000000
## 2463	0.000000	22.00000	375.750000	0.053968254
## 2464	0.000000	16.00000	534.916667	0.000000000
## 2465	0.000000	8.00000	134.000000	0.000000000
## 2466	0.000000	27.00000	2098.238095	0.037037037
## 2467	0.000000	48.00000	869.100000	0.008510638
## 2468	0.000000	0.00000	0.000000	0.200000000
## 2469	0.000000	21.00000	1494.500000	0.009090909
## 2470	0.000000	13.00000	510.000000	0.000000000
## 2471	52.000000	12.00000	699.250000	0.023809524
## 2472	0.000000	5.00000	331.333333	0.053333333
## 2473	0.000000	2.00000	0.000000	0.200000000
## 2474	0.000000	8.00000	321.000000	0.000000000
## 2475	0.000000	1.00000	0.000000	0.200000000
## 2476	0.000000	13.00000	88.000000	0.115384615
## 2477	115.000000	71.00000	1563.930952	0.006578947
## 2478	0.000000	3.00000	55.000000	0.044444444
## 2479	0.000000	31.00000	419.250000	0.006818182
## 2480	21.000000	157.00000	4643.755952	0.001687764
## 2481	172.000000	21.00000	564.500000	0.000000000
## 2482	0.000000	6.00000	65.666667	0.066666667
## 2483	0.000000	1.00000	0.000000	0.200000000
## 2484	3.000000	42.00000	1462.659125	0.004651163
## 2485	31.000000	23.00000	404.619048	0.000000000
## 2486	0.000000	13.00000	392.000000	0.000000000
## 2487	0.000000	19.00000	960.733333	0.015789474
## 2488	0.000000	1.00000	0.000000	0.200000000
## 2489	0.000000	38.00000	726.276190	0.031578947
## 2490	0.000000	66.00000	4415.333333	0.009950249
## 2491	0.000000	7.00000	40.000000	0.142857143
## 2492	12.000000	52.00000	723.315873	0.001212121
## 2493	80.000000	49.00000	1088.050000	0.011320755
## 2494	62.000000	30.00000	1688.726190	0.000000000
## 2495	0.000000	3.00000	0.000000	0.200000000
## 2496	0.000000	50.00000	998.954545	0.007600000
## 2497	106.000000	22.00000	1654.722222	0.028571429
## 2498	0.000000	12.00000	281.500000	0.016666667
## 2499	0.000000	14.00000	1501.000000	0.093333333
## 2500	0.000000	13.00000	153.583333	0.000000000
## 2501	0.000000	3.00000	109.000000	0.000000000
## 2502	0.000000	19.00000	483.583333	0.021052632
## 2503	0.000000	38.00000	586.333333	0.010526316
## 2504	0.000000	1.00000	0.000000	0.200000000
## 2505	0.000000	41.00000	2213.000000	0.004545455
## 2506	0.000000	7.00000	50.500000	0.057142857
## 2507	10.000000	15.00000	178.000000	0.019607843
## 2508	30.000000	27.00000	1150.192063	0.003125000
## 2509	0.000000	1.00000	0.000000	0.200000000
## 2510	0.000000	32.00000	892.916667	0.005714286
## 2511	0.000000	12.00000	173.000000	0.000000000
## 2512	506.000000	14.00000	289.666667	0.000000000
## 2513	0.000000	22.00000	633.985714	0.004166667
## 2514	0.000000	36.00000	1837.966667	0.032894737
## 2515	154.000000	154.00000	8038.325302	0.007332941

## 2516	724.000000	31.00000	706.983766	0.005714286
## 2517	0.000000	1.00000	0.000000	0.200000000
## 2518	0.000000	4.00000	352.000000	0.000000000
## 2519	0.000000	220.00000	11308.097950	0.001699507
## 2520	0.000000	9.00000	501.500000	0.060000000
## 2521	16.000000	19.00000	497.666667	0.007692308
## 2522	0.000000	27.00000	406.000000	0.064285714
## 2523	30.000000	129.00000	4115.978571	0.001470588
## 2524	0.000000	4.00000	2.333333	0.150000000
## 2525	0.000000	12.00000	121.500000	0.025000000
## 2526	0.000000	9.00000	869.000000	0.000000000
## 2527	0.000000	4.00000	403.000000	0.050000000
## 2528	0.000000	1.00000	12.000000	0.000000000
## 2529	0.000000	15.00000	865.000000	0.026666667
## 2530	0.000000	13.00000	220.333333	0.000000000
## 2531	0.000000	3.00000	222.000000	0.133333333
## 2532	0.000000	16.00000	657.166667	0.000000000
## 2533	0.000000	6.00000	131.000000	0.000000000
## 2534	32.000000	26.00000	1517.900000	0.000000000
## 2535	0.000000	17.00000	538.287879	0.000000000
## 2536	52.000000	60.00000	4139.625000	0.013636364
## 2537	140.000000	26.00000	832.833333	0.006896552
## 2538	0.000000	9.00000	464.000000	0.000000000
## 2539	0.000000	45.00000	673.481380	0.016326531
## 2540	0.000000	18.00000	217.000000	0.005555556
## 2541	0.000000	13.00000	472.995238	0.015384615
## 2542	0.000000	36.00000	1500.380952	0.010810811
## 2543	0.000000	6.00000	241.000000	0.000000000
## 2544	0.000000	16.00000	692.666667	0.000000000
## 2545	269.500000	187.00000	9487.639162	0.000033500
## 2546	0.000000	15.00000	455.500000	0.000000000
## 2547	0.000000	2.00000	49.000000	0.000000000
## 2548	0.000000	4.00000	259.000000	0.100000000
## 2549	0.000000	20.00000	2065.150000	0.005000000
## 2550	0.000000	34.00000	4190.750000	0.021764706
## 2551	0.000000	3.00000	65.000000	0.100000000
## 2552	6.000000	6.00000	129.200000	0.029629630
## 2553	0.000000	37.00000	607.466667	0.000000000
## 2554	28.000000	113.00000	8699.407065	0.019308469
## 2555	0.000000	24.00000	2022.250000	0.008333333
## 2556	0.000000	21.00000	761.250000	0.000000000
## 2557	17.333333	25.00000	874.583333	0.000000000
## 2558	0.000000	21.00000	1483.000000	0.007894737
## 2559	0.000000	22.00000	639.500000	0.000000000
## 2560	0.000000	18.00000	356.000000	0.011111111
## 2561	112.000000	42.00000	2132.683333	0.021288515
## 2562	0.000000	22.00000	431.083333	0.018181818
## 2563	10.000000	16.00000	401.950000	0.004761905
## 2564	0.000000	28.00000	2524.000000	0.008928571
## 2565	0.000000	11.00000	151.500000	0.016666667
## 2566	0.000000	4.00000	117.500000	0.050000000
## 2567	0.000000	31.00000	822.650000	0.020689655
## 2568	0.000000	5.00000	102.000000	0.000000000
## 2569	0.000000	14.00000	1714.166667	0.000000000

## 2570	0.000000	1.00000	0.000000 0.200000000
## 2571	0.000000	26.00000	783.500000 0.007692308
## 2572	0.000000	52.00000	3258.071212 0.000000000
## 2573	146.000000	20.00000	1329.261905 0.010434783
## 2574	0.000000	1.00000	0.000000 0.200000000
## 2575	0.000000	8.00000	87.000000 0.000000000
## 2576	0.000000	43.00000	813.800000 0.023255814
## 2577	382.333333	30.00000	1039.477564 0.004285714
## 2578	0.000000	9.00000	531.000000 0.000000000
## 2579	0.000000	31.00000	1239.083333 0.006666667
## 2580	189.000000	37.00000	1306.028022 0.004263566
## 2581	0.000000	24.00000	543.750000 0.016000000
## 2582	0.000000	9.00000	315.600000 0.022222222
## 2583	0.000000	8.00000	258.833333 0.037500000
## 2584	0.000000	27.00000	420.000000 0.000000000
## 2585	0.000000	22.00000	623.416667 0.018518519
## 2586	124.000000	12.00000	1040.333333 0.000000000
## 2587	27.500000	154.00000	3395.729484 0.007660455
## 2588	0.000000	4.00000	126.000000 0.000000000
## 2589	0.000000	2.00000	21.000000 0.000000000
## 2590	140.000000	35.00000	701.500000 0.029411765
## 2591	0.000000	52.00000	2059.109203 0.003747073
## 2592	0.000000	3.00000	11.000000 0.033333333
## 2593	0.000000	10.00000	203.416667 0.000000000
## 2594	0.000000	4.00000	60.000000 0.050000000
## 2595	0.000000	7.00000	65.000000 0.114285714
## 2596	0.000000	21.00000	197.333333 0.009523810
## 2597	0.000000	24.00000	300.666667 0.008333333
## 2598	0.000000	28.00000	471.000000 0.029629630
## 2599	0.000000	112.00000	7968.903361 0.003093259
## 2600	0.000000	8.00000	105.000000 0.000000000
## 2601	0.000000	26.00000	2607.500000 0.024000000
## 2602	14.000000	51.00000	865.672222 0.007407407
## 2603	0.000000	42.00000	1076.977778 0.010975610
## 2604	0.000000	60.00000	2818.094444 0.016666667
## 2605	0.000000	5.00000	234.966667 0.000000000
## 2606	0.000000	13.00000	935.000000 0.000000000
## 2607	0.000000	22.00000	1662.733333 0.000000000
## 2608	0.000000	1.00000	0.000000 0.200000000
## 2609	0.000000	10.00000	155.000000 0.000000000
## 2610	0.000000	13.00000	436.600000 0.002564103
## 2611	0.000000	6.00000	80.000000 0.100000000
## 2612	0.000000	47.00000	716.625000 0.000000000
## 2613	0.000000	32.00000	1223.416667 0.000000000
## 2614	0.000000	28.00000	1286.750000 0.000000000
## 2615	0.000000	2.00000	83.000000 0.000000000
## 2616	0.000000	35.00000	897.666667 0.011764706
## 2617	12.000000	22.00000	2178.672222 0.013827160
## 2618	0.000000	34.00000	3195.828571 0.002564103
## 2619	0.000000	5.00000	116.500000 0.000000000
## 2620	72.000000	33.00000	1143.657143 0.000000000
## 2621	0.000000	1.00000	43.000000 0.000000000
## 2622	141.166667	50.00000	2871.262932 0.001851852
## 2623	0.000000	25.00000	417.966667 0.000000000

## 2624	0.000000	3.00000	129.000000	0.000000000
## 2625	0.000000	13.00000	1248.000000	0.000000000
## 2626	0.000000	9.00000	837.666667	0.000000000
## 2627	0.000000	23.00000	418.233333	0.000000000
## 2628	0.000000	8.00000	370.000000	0.000000000
## 2629	0.000000	21.00000	743.916667	0.004000000
## 2630	0.000000	1.00000	0.000000	0.200000000
## 2631	113.000000	27.00000	3178.583333	0.025000000
## 2632	0.000000	17.00000	463.666667	0.000000000
## 2633	0.000000	23.00000	178.600000	0.086956522
## 2634	0.000000	1.00000	0.000000	0.200000000
## 2635	0.000000	8.00000	24.000000	0.150000000
## 2636	0.000000	12.00000	689.750000	0.000000000
## 2637	0.000000	0.00000	0.000000	0.200000000
## 2638	0.000000	39.00000	963.166667	0.005405405
## 2639	0.000000	6.00000	387.000000	0.133333333
## 2640	0.000000	1.00000	0.000000	0.200000000
## 2641	0.000000	11.00000	534.000000	0.015384615
## 2642	0.000000	1.00000	0.000000	0.200000000
## 2643	0.000000	26.00000	338.233333	0.024871795
## 2644	0.000000	20.00000	255.750000	0.000000000
## 2645	0.000000	9.00000	228.500000	0.022222222
## 2646	0.000000	6.00000	72.900000	0.000000000
## 2647	0.000000	26.00000	982.833333	0.000000000
## 2648	0.000000	22.00000	473.500000	0.000000000
## 2649	0.000000	4.00000	636.000000	0.000000000
## 2650	0.000000	58.00000	1806.504167	0.013793103
## 2651	0.000000	6.00000	21.000000	0.000000000
## 2652	0.000000	40.00000	1111.245175	0.014750000
## 2653	0.000000	11.00000	1055.500000	0.018181818
## 2654	0.000000	7.00000	59.000000	0.000000000
## 2655	0.000000	2.00000	23.000000	0.000000000
## 2656	0.000000	5.00000	25.000000	0.120000000
## 2657	246.000000	51.00000	2697.487879	0.004310345
## 2658	0.000000	1.00000	0.000000	0.200000000
## 2659	0.000000	3.00000	115.000000	0.000000000
## 2660	0.000000	15.00000	272.333333	0.013333333
## 2661	0.000000	1.00000	0.000000	0.200000000
## 2662	0.000000	16.00000	895.809524	0.000000000
## 2663	0.000000	16.00000	200.000000	0.034375000
## 2664	114.000000	26.00000	607.977778	0.000000000
## 2665	0.000000	28.00000	615.816667	0.007407407
## 2666	0.000000	1.00000	0.000000	0.200000000
## 2667	0.000000	6.00000	1133.666667	0.028205128
## 2668	0.000000	5.00000	131.500000	0.040000000
## 2669	0.000000	30.00000	2759.833333	0.025000000
## 2670	0.000000	42.00000	1433.083333	0.005000000
## 2671	0.000000	15.00000	743.666667	0.010000000
## 2672	0.000000	16.00000	680.750000	0.000000000
## 2673	0.000000	11.00000	118.666667	0.027272727
## 2674	0.000000	7.00000	136.000000	0.000000000
## 2675	0.000000	19.00000	2236.900000	0.000000000
## 2676	0.000000	29.00000	2841.000000	0.000000000
## 2677	0.000000	2.00000	15.000000	0.000000000

## 2678	0.000000	41.00000	895.833333 0.057142857
## 2679	166.000000	86.00000	2559.541228 0.008333333
## 2680	584.000000	25.00000	1161.767949 0.018070818
## 2681	0.000000	17.00000	252.000000 0.023529412
## 2682	0.000000	4.00000	13.000000 0.028571429
## 2683	0.000000	11.00000	385.000000 0.000000000
## 2684	0.000000	29.00000	582.000000 0.006896552
## 2685	0.000000	64.00000	1550.211111 0.000000000
## 2686	0.000000	43.00000	1738.250000 0.006349206
## 2687	0.000000	17.00000	176.666667 0.078947368
## 2688	0.000000	2.00000	3.000000 0.100000000
## 2689	0.000000	24.00000	304.523077 0.000000000
## 2690	0.000000	9.00000	268.500000 0.055555556
## 2691	0.000000	14.00000	101.250000 0.000000000
## 2692	168.500000	14.00000	361.500000 0.009090909
## 2693	0.000000	41.00000	492.683333 0.000000000
## 2694	0.000000	18.00000	397.666667 0.000000000
## 2695	0.000000	5.00000	73.000000 0.040000000
## 2696	0.000000	2.00000	0.000000 0.200000000
## 2697	0.000000	67.00000	4290.833333 0.000000000
## 2698	173.000000	36.00000	2542.333333 0.042592593
## 2699	45.000000	62.00000	3657.101515 0.000952381
## 2700	0.000000	10.00000	60.000000 0.000000000
## 2701	0.000000	18.00000	920.000000 0.122222222
## 2702	97.000000	34.00000	670.422619 0.010810811
## 2703	0.000000	83.00000	2101.466667 0.000000000
## 2704	0.000000	1.00000	0.000000 0.200000000
## 2705	0.000000	11.00000	578.333333 0.050000000
## 2706	34.506387	31.76388	31.763884 0.022152462
## 2707	0.000000	7.00000	82.000000 0.000000000
## 2708	0.000000	16.00000	502.500000 0.000000000
## 2709	0.000000	5.00000	465.500000 0.120000000
## 2710	282.000000	52.00000	1283.052597 0.024747475
## 2711	0.000000	23.00000	226.256410 0.008695652
## 2712	0.000000	46.00000	1535.242063 0.021938776
## 2713	0.000000	24.00000	762.333333 0.030769231
## 2714	0.000000	3.00000	0.000000 0.200000000
## 2715	0.000000	16.00000	177.500000 0.025000000
## 2716	0.000000	7.00000	80.000000 0.028571429
## 2717	0.000000	34.00000	1266.333333 0.005882353
## 2718	2.000000	39.00000	1050.708333 0.021162791
## 2719	0.000000	14.00000	212.833333 0.010526316
## 2720	0.000000	35.00000	1386.716667 0.020000000
## 2721	0.000000	1.00000	0.000000 0.200000000
## 2722	0.000000	27.00000	2514.250000 0.000000000
## 2723	0.000000	8.00000	125.000000 0.000000000
## 2724	55.000000	10.00000	1968.250000 0.014285714
## 2725	0.000000	9.00000	300.000000 0.011111111
## 2726	42.000000	37.00000	1517.750000 0.019512195
## 2727	0.000000	26.00000	1056.666667 0.016571429
## 2728	0.000000	16.00000	399.000000 0.021052632
## 2729	63.000000	104.00000	2743.819189 0.000000000
## 2730	125.000000	12.00000	332.000000 0.000000000
## 2731	0.000000	4.00000	56.000000 0.100000000

## 2732	0.000000	37.00000	769.000000 0.000000000
## 2733	0.000000	13.00000	178.833333 0.000000000
## 2734	0.000000	7.00000	88.000000 0.000000000
## 2735	135.000000	27.00000	517.392857 0.000000000
## 2736	8.000000	37.00000	1683.633333 0.000000000
## 2737	165.000000	12.00000	833.000000 0.016666667
## 2738	0.000000	25.00000	319.333333 0.016666667
## 2739	0.000000	20.00000	733.500000 0.012698413
## 2740	0.000000	6.00000	224.000000 0.000000000
## 2741	0.000000	11.00000	822.000000 0.054545455
## 2742	0.000000	14.00000	838.550000 0.000000000
## 2743	0.000000	44.00000	2479.000000 0.022727273
## 2744	0.000000	18.00000	519.500000 0.000000000
## 2745	0.000000	38.00000	1035.935714 0.037894737
## 2746	0.000000	2.00000	0.000000 0.200000000
## 2747	0.000000	8.00000	149.000000 0.000000000
## 2748	0.000000	8.00000	160.500000 0.000000000
## 2749	0.000000	2.00000	0.000000 0.200000000
## 2750	0.000000	10.00000	3.000000 0.140000000
## 2751	0.000000	20.00000	219.500000 0.120000000
## 2752	0.000000	7.00000	858.500000 0.028571429
## 2753	0.000000	2.00000	54.500000 0.100000000
## 2754	25.000000	15.00000	412.833333 0.000000000
## 2755	0.000000	8.00000	107.000000 0.000000000
## 2756	0.000000	14.00000	342.500000 0.000000000
## 2757	0.000000	31.00000	1138.504762 0.020000000
## 2758	0.000000	16.00000	544.833333 0.004761905
## 2759	0.000000	7.00000	176.333333 0.000000000
## 2760	0.000000	2.00000	19.000000 0.000000000
## 2761	0.000000	13.00000	687.500000 0.000000000
## 2762	0.000000	3.00000	22.000000 0.066666667
## 2763	0.000000	44.00000	3227.500000 0.000000000
## 2764	0.000000	39.00000	440.666667 0.015789474
## 2765	0.000000	3.00000	65.000000 0.111111111
## 2766	189.500000	22.00000	2297.801282 0.014743590
## 2767	0.000000	6.00000	28.000000 0.066666667
## 2768	0.000000	10.00000	22.500000 0.100000000
## 2769	0.000000	15.00000	194.066667 0.001904762
## 2770	0.000000	56.00000	2145.563492 0.011403509
## 2771	0.000000	33.00000	1703.321429 0.000000000
## 2772	0.000000	15.00000	1999.833333 0.015384615
## 2773	0.000000	1.00000	0.000000 0.200000000
## 2774	424.500000	115.00000	3382.287999 0.005346832
## 2775	0.000000	13.00000	2038.000000 0.000000000
## 2776	0.000000	53.00000	2409.068434 0.001960784
## 2777	1307.000000	131.00000	9487.940434 0.001726619
## 2778	0.000000	159.00000	4668.052051 0.005696203
## 2779	0.000000	12.00000	201.666667 0.018181818
## 2780	0.000000	7.00000	156.833333 0.000000000
## 2781	0.000000	8.00000	412.166667 0.000000000
## 2782	0.000000	50.00000	2617.233333 0.000000000
## 2783	0.000000	1.00000	0.000000 0.200000000
## 2784	0.000000	22.00000	465.705128 0.000000000
## 2785	0.000000	8.00000	245.000000 0.100000000

## 2786	0.000000	14.00000	803.000000 0.046153846
## 2787	0.000000	16.00000	360.000000 0.000000000
## 2788	0.000000	3.00000	20.000000 0.053333333
## 2789	0.000000	3.00000	258.500000 0.000000000
## 2790	0.000000	20.00000	887.583333 0.000000000
## 2791	0.000000	14.00000	394.250000 0.000000000
## 2792	37.000000	52.00000	1941.083333 0.017543860
## 2793	0.000000	16.00000	142.500000 0.037500000
## 2794	0.000000	6.00000	270.214286 0.000000000
## 2795	81.500000	23.00000	541.666667 0.001111111
## 2796	0.000000	1.00000	0.000000 0.200000000
## 2797	147.166667	43.00000	1090.060606 0.004081633
## 2798	0.000000	2.00000	34.000000 0.000000000
## 2799	0.000000	4.00000	219.500000 0.000000000
## 2800	0.000000	14.00000	253.800000 0.000000000
## 2801	0.000000	12.00000	202.000000 0.000000000
## 2802	0.000000	38.00000	2259.533333 0.002105263
## 2803	0.000000	14.00000	797.333333 0.000000000
## 2804	0.000000	29.00000	594.966667 0.013793103
## 2805	0.000000	7.00000	117.000000 0.000000000
## 2806	0.000000	9.00000	108.000000 0.000000000
## 2807	3.500000	13.00000	503.000000 0.000000000
## 2808	0.000000	46.00000	1425.750000 0.008888889
## 2809	0.000000	8.00000	188.500000 0.000000000
## 2810	0.000000	20.00000	1722.866667 0.010000000
## 2811	0.000000	6.00000	313.000000 0.000000000
## 2812	0.000000	35.00000	1078.727778 0.000000000
## 2813	83.000000	62.00000	2050.395743 0.005882353
## 2814	0.000000	1.00000	0.000000 0.200000000
## 2815	0.000000	32.00000	1040.166667 0.011764706
## 2816	0.000000	65.00000	1803.758333 0.004687500
## 2817	0.000000	12.00000	136.500000 0.016666667
## 2818	0.000000	68.00000	2241.844444 0.010958904
## 2819	0.000000	19.00000	482.500000 0.000000000
## 2820	0.000000	25.00000	1225.857143 0.012000000
## 2821	0.000000	10.00000	573.166667 0.000000000
## 2822	0.000000	16.00000	507.833333 0.000000000
## 2823	0.000000	5.00000	108.000000 0.000000000
## 2824	0.000000	11.00000	458.500000 0.000000000
## 2825	0.000000	4.00000	25.000000 0.050000000
## 2826	0.000000	10.00000	724.000000 0.000000000
## 2827	0.000000	5.00000	93.500000 0.000000000
## 2828	0.000000	19.00000	196.500000 0.000000000
## 2829	0.000000	47.00000	483.300000 0.016326531
## 2830	0.000000	37.00000	511.166667 0.018018018
## 2831	0.000000	94.00000	2129.536752 0.003157895
## 2832	0.000000	16.00000	480.300000 0.012500000
## 2833	0.000000	13.00000	143.000000 0.100000000
## 2834	0.000000	22.00000	352.800000 0.000000000
## 2835	0.000000	6.00000	657.500000 0.000000000
## 2836	0.000000	37.00000	1384.383333 0.006766917
## 2837	39.000000	16.00000	1280.166667 0.000000000
## 2838	0.000000	5.00000	95.500000 0.000000000
## 2839	0.000000	115.00000	1822.008117 0.001169591

## 2840	0.000000	31.00000	1269.766667	0.012121212
## 2841	0.000000	10.00000	149.600000	0.020000000
## 2842	0.000000	23.00000	1817.000000	0.053333333
## 2843	120.000000	204.00000	9143.435714	0.004807692
## 2844	0.000000	68.00000	1080.150000	0.000000000
## 2845	0.000000	7.00000	316.250000	0.000000000
## 2846	0.000000	40.00000	1783.250000	0.008333333
## 2847	0.000000	35.00000	1384.533333	0.001754386
## 2848	0.000000	12.00000	197.500000	0.000000000
## 2849	0.000000	5.00000	0.000000	0.200000000
## 2850	0.000000	23.00000	996.438095	0.000000000
## 2851	0.000000	7.00000	368.500000	0.000000000
## 2852	0.000000	3.00000	54.500000	0.000000000
## 2853	0.000000	4.00000	228.500000	0.033333333
## 2854	0.000000	66.00000	1285.548533	0.004109589
## 2855	16.000000	142.00000	6223.870847	0.000000000
## 2856	0.000000	33.00000	841.033333	0.015151515
## 2857	0.000000	25.00000	1250.500000	0.056000000
## 2858	913.000000	31.00000	699.500000	0.000000000
## 2859	15.000000	50.00000	1766.855952	0.002884615
## 2860	0.000000	24.00000	567.450000	0.040000000
## 2861	0.000000	5.00000	90.666667	0.040000000
## 2862	0.000000	14.00000	158.500000	0.000000000
## 2863	0.000000	24.00000	981.166667	0.051388889
## 2864	0.000000	19.00000	1661.750000	0.000000000
## 2865	9.000000	14.00000	548.250000	0.022222222
## 2866	0.000000	36.00000	808.083333	0.000000000
## 2867	0.000000	7.00000	87.500000	0.028571429
## 2868	0.000000	11.00000	276.000000	0.000000000
## 2869	0.000000	19.00000	130.500000	0.084210526
## 2870	0.000000	8.00000	321.500000	0.075000000
## 2871	0.000000	1.00000	0.000000	0.200000000
## 2872	0.000000	23.00000	1875.744689	0.028571429
## 2873	0.000000	3.00000	117.000000	0.066666667
## 2874	0.000000	48.00000	4346.916667	0.020138889
## 2875	0.000000	45.00000	884.335714	0.001086957
## 2876	31.000000	41.00000	1678.733333	0.010000000
## 2877	0.000000	24.00000	325.833333	0.000000000
## 2878	0.000000	19.00000	436.000000	0.000000000
## 2879	0.000000	3.00000	27.000000	0.066666667
## 2880	44.000000	14.00000	549.500000	0.000000000
## 2881	0.000000	1.00000	0.000000	0.200000000
## 2882	0.000000	55.00000	4277.000000	0.003636364
## 2883	0.000000	13.00000	173.000000	0.000000000
## 2884	0.000000	6.00000	179.500000	0.033333333
## 2885	149.000000	11.00000	561.550000	0.014285714
## 2886	0.000000	30.00000	2136.000000	0.000000000
## 2887	9.000000	43.00000	2797.816667	0.000000000
## 2888	0.000000	28.00000	643.875000	0.000000000
## 2889	47.000000	32.00000	898.833333	0.068571429
## 2890	0.000000	31.00000	453.000000	0.000000000
## 2891	0.000000	28.00000	888.000000	0.014285714
## 2892	0.000000	206.00000	9997.728571	0.001439737
## 2893	0.000000	16.00000	588.333333	0.028571429

## 2894	448.500000	102.00000	5703.476786	0.001739130
## 2895	0.000000	83.00000	1495.580952	0.000000000
## 2896	0.000000	6.00000	66.500000	0.011111111
## 2897	0.000000	2.00000	134.000000	0.000000000
## 2898	0.000000	22.00000	2905.500000	0.010000000
## 2899	0.000000	18.00000	521.500000	0.022222222
## 2900	0.000000	5.00000	47.000000	0.020000000
## 2901	0.000000	1.00000	0.000000	0.200000000
## 2902	0.000000	52.00000	1192.317857	0.006410256
## 2903	0.000000	22.00000	355.666667	0.047619048
## 2904	0.000000	11.00000	332.500000	0.000000000
## 2905	0.000000	11.00000	297.300000	0.000000000
## 2906	0.000000	53.00000	2309.995238	0.047479439
## 2907	0.000000	26.00000	810.371377	0.019230769
## 2908	0.000000	7.00000	384.500000	0.000000000
## 2909	0.000000	53.00000	975.972222	0.001851852
## 2910	0.000000	4.00000	127.000000	0.000000000
## 2911	0.000000	6.00000	107.000000	0.006060606
## 2912	0.000000	6.00000	50.000000	0.000000000
## 2913	0.000000	43.00000	3382.083333	0.000000000
## 2914	0.000000	8.00000	541.500000	0.050000000
## 2915	0.000000	2.00000	25.000000	0.000000000
## 2916	0.000000	9.00000	210.500000	0.044444444
## 2917	0.000000	43.00000	1343.097619	0.037878788
## 2918	0.000000	9.00000	953.833333	0.000000000
## 2919	0.000000	24.00000	674.500000	0.041666667
## 2920	10.000000	64.00000	817.016377	0.000000000
## 2921	36.333333	31.00000	1124.916667	0.000000000
## 2922	118.000000	313.00000	7428.181584	0.002509267
## 2923	61.000000	145.00000	5577.826456	0.002688695
## 2924	0.000000	17.00000	887.833333	0.006250000
## 2925	0.000000	25.00000	2765.200000	0.008000000
## 2926	13.000000	4.00000	145.000000	0.000000000
## 2927	406.000000	60.00000	3121.283333	0.002857143
## 2928	0.000000	57.00000	1190.548851	0.007017544
## 2929	0.000000	18.00000	410.916667	0.105263158
## 2930	0.000000	25.00000	710.500000	0.032000000
## 2931	0.000000	9.00000	319.666667	0.033333333
## 2932	0.000000	1.00000	0.000000	0.200000000
## 2933	0.000000	5.00000	91.000000	0.000000000
## 2934	0.000000	6.00000	191.000000	0.066666667
## 2935	0.000000	20.00000	401.500000	0.000000000
## 2936	0.000000	7.00000	117.500000	0.000000000
## 2937	10.166667	85.00000	1311.072012	0.002657807
## 2938	0.000000	4.00000	157.000000	0.000000000
## 2939	9.500000	17.00000	414.333333	0.000000000
## 2940	0.000000	54.00000	1155.033333	0.001282051
## 2941	0.000000	97.00000	1589.183333	0.008070175
## 2942	0.000000	2.00000	233.500000	0.000000000
## 2943	0.000000	28.00000	1384.071429	0.007142857
## 2944	0.000000	1.00000	0.000000	0.000000000
## 2945	27.000000	21.00000	452.814103	0.044000000
## 2946	0.000000	30.00000	1708.083333	0.006666667
## 2947	0.000000	10.00000	1057.000000	0.022222222

## 2948	0.000000	61.00000	3374.916667	0.001111111
## 2949	646.000000	83.00000	5448.994444	0.008888889
## 2950	0.000000	21.00000	654.500000	0.009090909
## 2951	0.000000	17.00000	389.000000	0.000000000
## 2952	0.000000	11.00000	1435.000000	0.054545455
## 2953	15.000000	19.00000	512.066667	0.009523810
## 2954	0.000000	21.00000	797.295238	0.000000000
## 2955	0.000000	22.00000	555.866667	0.009523810
## 2956	0.000000	56.00000	2954.759524	0.013793103
## 2957	0.000000	2.00000	0.000000	0.200000000
## 2958	0.000000	5.00000	97.166667	0.000000000
## 2959	0.000000	2.00000	291.000000	0.000000000
## 2960	0.000000	4.00000	36.000000	0.100000000
## 2961	0.000000	18.00000	472.000000	0.030555556
## 2962	0.000000	14.00000	628.000000	0.014285714
## 2963	0.000000	6.00000	129.000000	0.000000000
## 2964	32.000000	81.00000	1141.061905	0.001605136
## 2965	0.000000	5.00000	105.000000	0.040000000
## 2966	0.000000	5.00000	273.500000	0.000000000
## 2967	0.000000	11.00000	467.000000	0.000000000
## 2968	0.000000	25.00000	461.222222	0.000000000
## 2969	0.000000	5.00000	198.000000	0.000000000
## 2970	0.000000	7.00000	220.333333	0.000000000
## 2971	0.000000	5.00000	241.000000	0.000000000
## 2972	26.666667	67.00000	1783.122222	0.000000000
## 2973	0.000000	34.00000	731.523809	0.020588235
## 2974	77.000000	198.00000	3057.809524	0.000000000
## 2975	0.000000	90.00000	601.790196	0.002222222
## 2976	459.000000	17.00000	1370.067857	0.021739130
## 2977	0.000000	4.00000	59.000000	0.000000000
## 2978	0.000000	27.00000	694.000000	0.007142857
## 2979	0.000000	4.00000	39.000000	0.040000000
## 2980	0.000000	27.00000	321.666667	0.051190476
## 2981	0.000000	11.00000	540.500000	0.000000000
## 2982	10.000000	51.00000	4977.850000	0.000000000
## 2983	0.000000	20.00000	1066.166667	0.005000000
## 2984	0.000000	48.00000	1142.666667	0.000000000
## 2985	0.000000	25.00000	1294.183333	0.014814815
## 2986	0.000000	26.00000	1086.178571	0.014285714
## 2987	0.000000	14.00000	221.500000	0.000000000
## 2988	0.000000	59.00000	754.226191	0.000000000
## 2989	0.000000	22.00000	432.571429	0.000000000
## 2990	0.000000	19.00000	1051.500000	0.008333333
## 2991	12.000000	39.00000	1101.333333	0.009523810
## 2992	102.000000	81.00000	2477.666667	0.001149425
## 2993	0.000000	37.00000	1501.166667	0.000000000
## 2994	18.000000	85.00000	1736.447368	0.003069054
## 2995	0.000000	13.00000	94.500000	0.015384615
## 2996	0.000000	10.00000	269.000000	0.000000000
## 2997	18.000000	36.00000	833.083333	0.032432432
## 2998	0.000000	4.00000	86.750000	0.000000000
## 2999	0.000000	44.00000	547.000000	0.060000000
## 3000	0.000000	5.00000	1474.500000	0.000000000
## 3001	0.000000	1.00000	0.000000	0.200000000

## 3002	0.000000	11.00000	787.000000	0.033333333
## 3003	0.000000	3.00000	17.000000	0.066666667
## 3004	0.000000	7.00000	323.500000	0.000000000
## 3005	163.000000	62.00000	813.051948	0.003225806
## 3006	0.000000	11.00000	2028.500000	0.000000000
## 3007	0.000000	56.00000	2220.871465	0.003389831
## 3008	0.000000	15.00000	440.000000	0.000000000
## 3009	0.000000	17.00000	1356.000000	0.000000000
## 3010	0.000000	6.00000	399.000000	0.000000000
## 3011	0.000000	13.00000	231.500000	0.015384615
## 3012	196.000000	11.00000	438.583333	0.012500000
## 3013	0.000000	5.00000	164.000000	0.000000000
## 3014	0.000000	8.00000	347.666667	0.087500000
## 3015	33.000000	6.00000	64.000000	0.000000000
## 3016	20.000000	57.00000	2931.580303	0.004000000
## 3017	55.000000	63.00000	1462.450000	0.000000000
## 3018	0.000000	22.00000	402.500000	0.047619048
## 3019	0.000000	18.00000	727.619048	0.000000000
## 3020	59.500000	15.00000	553.166667	0.000000000
## 3021	0.000000	22.00000	460.666667	0.000000000
## 3022	0.000000	2.00000	0.000000	0.200000000
## 3023	0.000000	22.00000	2837.166667	0.000000000
## 3024	0.000000	34.00000	541.500000	0.017142857
## 3025	0.000000	2.00000	13.000000	0.000000000
## 3026	0.000000	3.00000	70.500000	0.000000000
## 3027	0.000000	3.00000	264.000000	0.000000000
## 3028	0.000000	89.00000	1638.888095	0.014367816
## 3029	0.000000	14.00000	1383.500000	0.000000000
## 3030	0.000000	5.00000	215.000000	0.040000000
## 3031	0.000000	26.00000	1382.665140	0.017283951
## 3032	537.000000	42.00000	352.500000	0.004255319
## 3033	0.000000	41.00000	1444.166667	0.009756098
## 3034	0.000000	16.00000	250.083333	0.000000000
## 3035	0.000000	15.00000	327.500000	0.000000000
## 3036	0.000000	48.00000	1085.078571	0.015833333
## 3037	0.000000	58.00000	2665.798039	0.007142857
## 3038	0.000000	5.00000	164.000000	0.040000000
## 3039	0.000000	20.00000	816.500000	0.050000000
## 3040	10.000000	25.00000	2877.500000	0.007692308
## 3041	0.000000	3.00000	36.000000	0.000000000
## 3042	0.000000	19.00000	448.033333	0.000000000
## 3043	0.000000	6.00000	30.000000	0.183333333
## 3044	0.000000	181.00000	6842.002513	0.000000000
## 3045	0.000000	126.00000	2645.833333	0.004511278
## 3046	0.000000	21.00000	586.189286	0.000000000
## 3047	0.000000	37.00000	1133.016667	0.000000000
## 3048	0.000000	42.00000	562.666667	0.009340659
## 3049	0.000000	11.00000	219.500000	0.018181818
## 3050	0.000000	35.00000	468.000000	0.011428571
## 3051	0.000000	62.00000	3000.250794	0.004918033
## 3052	20.000000	13.00000	816.954545	0.028571429
## 3053	0.000000	1.00000	0.000000	0.200000000
## 3054	0.000000	9.00000	143.000000	0.055555556
## 3055	0.000000	15.00000	1861.500000	0.000000000

## 3056	0.000000	6.00000	815.000000 0.050000000
## 3057	0.000000	6.00000	165.500000 0.000000000
## 3058	0.000000	26.00000	1090.916667 0.014193548
## 3059	0.000000	8.00000	133.000000 0.000000000
## 3060	0.000000	9.00000	83.000000 0.044444444
## 3061	0.000000	7.00000	24.000000 0.042857143
## 3062	0.000000	25.00000	533.071429 0.000000000
## 3063	0.000000	13.00000	303.400000 0.000000000
## 3064	0.000000	31.00000	516.476191 0.006896552
## 3065	0.000000	5.00000	72.500000 0.000000000
## 3066	0.000000	34.00000	652.923809 0.006250000
## 3067	0.000000	79.00000	3393.903571 0.017761848
## 3068	0.000000	11.00000	210.000000 0.009090909
## 3069	0.000000	10.00000	466.500000 0.000000000
## 3070	0.000000	28.00000	2778.333333 0.007142857
## 3071	0.000000	10.00000	677.500000 0.047619048
## 3072	0.000000	23.00000	908.466667 0.033333333
## 3073	0.000000	22.00000	346.833333 0.038095238
## 3074	0.000000	25.00000	481.166667 0.000000000
## 3075	88.000000	22.00000	661.630952 0.007692308
## 3076	0.000000	13.00000	324.000000 0.000000000
## 3077	0.000000	11.00000	185.000000 0.000000000
## 3078	15.000000	26.00000	670.166667 0.000000000
## 3079	0.000000	15.00000	183.833333 0.066666667
## 3080	193.250000	106.00000	5633.538274 0.008878505
## 3081	0.000000	5.00000	17.000000 0.000000000
## 3082	0.000000	12.00000	936.000000 0.000000000
## 3083	0.000000	42.00000	1329.666667 0.000000000
## 3084	0.000000	1.00000	24.000000 0.000000000
## 3085	0.000000	26.00000	1026.750000 0.000000000
## 3086	76.000000	35.00000	2068.928571 0.000000000
## 3087	0.000000	4.00000	118.000000 0.050000000
## 3088	0.000000	9.00000	167.000000 0.022222222
## 3089	0.000000	3.00000	35.000000 0.066666667
## 3090	0.000000	1.00000	0.000000 0.200000000
## 3091	0.000000	4.00000	57.000000 0.100000000
## 3092	0.000000	46.00000	953.068687 0.000000000
## 3093	0.000000	11.00000	714.500000 0.014285714
## 3094	0.000000	1.00000	0.000000 0.200000000
## 3095	0.000000	5.00000	25.000000 0.120000000
## 3096	0.000000	61.00000	1797.298291 0.025147059
## 3097	0.000000	10.00000	154.500000 0.000000000
## 3098	0.000000	8.00000	118.000000 0.000000000
## 3099	0.000000	48.00000	805.099298 0.000000000
## 3100	0.000000	9.00000	138.500000 0.022222222
## 3101	33.000000	38.00000	1190.616667 0.004444444
## 3102	0.000000	20.00000	411.388889 0.009523810
## 3103	0.000000	47.00000	778.761905 0.042553191
## 3104	0.000000	18.00000	495.000000 0.011111111
## 3105	0.000000	22.00000	512.050000 0.043750000
## 3106	0.000000	21.00000	998.400000 0.004000000
## 3107	34.000000	30.00000	1049.833333 0.012500000
## 3108	0.000000	12.00000	472.916667 0.000000000
## 3109	1360.000000	157.00000	5645.176455 0.002692308

## 3110	0.000000	1.00000	0.000000 0.200000000
## 3111	0.000000	6.00000	1615.000000 0.000000000
## 3112	0.000000	5.00000	28.333333 0.040000000
## 3113	0.000000	2.00000	7.000000 0.000000000
## 3114	0.000000	19.00000	283.500000 0.000000000
## 3115	0.000000	85.00000	2694.833333 0.000000000
## 3116	0.000000	32.00000	1130.846970 0.014705882
## 3117	0.000000	112.00000	2478.622727 0.000000000
## 3118	0.000000	29.00000	1714.400000 0.024074074
## 3119	0.000000	46.00000	2213.366667 0.034782609
## 3120	0.000000	2.00000	0.000000 0.200000000
## 3121	0.000000	22.00000	739.583333 0.009090909
## 3122	46.666667	74.00000	3206.193407 0.004819277
## 3123	0.000000	1.00000	0.000000 0.200000000
## 3124	216.000000	17.00000	1243.500000 0.000000000
## 3125	900.500000	24.00000	1448.333333 0.000000000
## 3126	0.000000	1.00000	0.000000 0.200000000
## 3127	0.000000	11.00000	304.000000 0.000000000
## 3128	0.000000	25.00000	304.500000 0.000000000
## 3129	0.000000	86.00000	1699.666667 0.013953488
## 3130	0.000000	4.00000	467.000000 0.000000000
## 3131	13.000000	63.00000	4833.925000 0.006153846
## 3132	9.000000	109.00000	3731.138116 0.004861111
## 3133	0.000000	2.00000	20.000000 0.000000000
## 3134	0.000000	1.00000	0.000000 0.200000000
## 3135	0.000000	6.00000	245.000000 0.083333333
## 3136	0.000000	1.00000	504.000000 0.000000000
## 3137	0.000000	19.00000	1263.333333 0.011764706
## 3138	214.500000	112.00000	4509.823016 0.004166667
## 3139	196.000000	36.00000	585.178355 0.000000000
## 3140	0.000000	0.00000	0.000000 0.200000000
## 3141	0.000000	26.00000	536.000000 0.007407407
## 3142	78.000000	18.00000	570.333333 0.000000000
## 3143	0.000000	15.00000	496.750000 0.000000000
## 3144	0.000000	85.00000	2197.195238 0.015000000
## 3145	0.000000	4.00000	72.666667 0.000000000
## 3146	909.000000	23.00000	542.333333 0.000000000
## 3147	0.000000	10.00000	342.166667 0.000000000
## 3148	62.500000	80.00000	1190.418903 0.005714286
## 3149	0.000000	2.00000	74.666667 0.000000000
## 3150	107.000000	58.00000	1978.214286 0.000000000
## 3151	0.000000	79.00000	3129.393438 0.018258179
## 3152	0.000000	11.00000	751.500000 0.018181818
## 3153	104.500000	111.00000	2748.624538 0.005420054
## 3154	0.000000	12.00000	321.833333 0.015384615
## 3155	91.000000	109.00000	2926.431962 0.000000000
## 3156	93.666667	54.00000	2070.643939 0.003773585
## 3157	0.000000	8.00000	214.333333 0.040000000
## 3158	10.500000	5.00000	39.500000 0.000000000
## 3159	0.000000	49.00000	1592.133333 0.003636364
## 3160	0.000000	26.00000	986.916667 0.000000000
## 3161	0.000000	12.00000	418.333333 0.000000000
## 3162	0.000000	12.00000	1111.000000 0.000000000
## 3163	0.000000	4.00000	536.500000 0.000000000

## 3164	38.500000	32.00000	410.116667	0.004301075
## 3165	0.000000	3.00000	5.000000	0.100000000
## 3166	33.000000	79.00000	2650.408502	0.000766284
## 3167	0.000000	15.00000	450.200000	0.000000000
## 3168	0.000000	131.00000	2749.058333	0.009090909
## 3169	0.000000	75.00000	1959.304762	0.005479452
## 3170	0.000000	35.00000	869.061111	0.000000000
## 3171	0.000000	25.00000	1320.500000	0.000000000
## 3172	0.000000	19.00000	976.338235	0.000000000
## 3173	0.000000	13.00000	522.000000	0.000000000
## 3174	0.000000	57.00000	1008.916667	0.003508772
## 3175	0.000000	17.00000	931.000000	0.027777778
## 3176	0.000000	1.00000	0.000000	0.200000000
## 3177	0.000000	7.00000	49.000000	0.025000000
## 3178	0.000000	6.00000	25.000000	0.133333333
## 3179	0.000000	26.00000	933.333333	0.008000000
## 3180	69.000000	22.00000	1552.547619	0.013725490
## 3181	48.500000	71.00000	3439.733242	0.000000000
## 3182	0.000000	16.00000	1851.500000	0.023529412
## 3183	0.000000	5.00000	40.000000	0.066666667
## 3184	0.000000	20.00000	457.583333	0.022222222
## 3185	0.000000	33.00000	2081.500000	0.000000000
## 3186	808.500000	33.00000	1310.472222	0.018518519
## 3187	0.000000	34.00000	1001.166667	0.000000000
## 3188	0.000000	42.00000	3436.066667	0.000757576
## 3189	0.000000	11.00000	198.166667	0.000000000
## 3190	0.000000	17.00000	296.233333	0.012500000
## 3191	0.000000	13.00000	1649.000000	0.000000000
## 3192	0.000000	11.00000	574.333333	0.000000000
## 3193	0.000000	6.00000	161.000000	0.000000000
## 3194	0.000000	39.00000	2643.333333	0.000000000
## 3195	0.000000	10.00000	706.000000	0.000000000
## 3196	255.500000	45.00000	2996.487500	0.014814815
## 3197	0.000000	5.00000	108.000000	0.000000000
## 3198	0.000000	45.00000	2171.174592	0.000000000
## 3199	0.000000	23.00000	255.638889	0.000000000
## 3200	0.000000	57.00000	1925.102381	0.005000000
## 3201	0.000000	8.00000	202.333333	0.000000000
## 3202	0.000000	15.00000	239.000000	0.048888889
## 3203	0.000000	26.00000	380.166667	0.000000000
## 3204	0.000000	16.00000	79.000000	0.025000000
## 3205	1.000000	93.00000	4324.737073	0.021112782
## 3206	108.000000	89.00000	2114.083333	0.000000000
## 3207	0.000000	2.00000	149.000000	0.000000000
## 3208	0.000000	15.00000	894.000000	0.000000000
## 3209	0.000000	36.00000	925.833333	0.041666667
## 3210	0.000000	4.00000	50.000000	0.000000000
## 3211	0.000000	2.00000	85.000000	0.000000000
## 3212	68.000000	35.00000	625.085689	0.011149826
## 3213	0.000000	7.00000	164.500000	0.000000000
## 3214	0.000000	20.00000	275.666667	0.066666667
## 3215	0.000000	89.00000	5044.756890	0.002528736
## 3216	0.000000	5.00000	691.000000	0.000000000
## 3217	0.000000	2.00000	0.000000	0.200000000

## 3218	0.000000	117.00000	1569.866667	0.003418803
## 3219	1.500000	43.00000	1368.484848	0.015909091
## 3220	0.000000	36.00000	1697.550000	0.017500000
## 3221	0.000000	1.00000	0.000000	0.200000000
## 3222	0.000000	23.00000	1134.500000	0.066459627
## 3223	84.000000	58.00000	2787.250000	0.000000000
## 3224	0.000000	11.00000	297.250000	0.000000000
## 3225	0.000000	27.00000	352.083333	0.014814815
## 3226	0.000000	4.00000	26.000000	0.000000000
## 3227	0.000000	15.00000	1486.666667	0.000000000
## 3228	11.000000	82.00000	1164.099635	0.010714286
## 3229	0.000000	18.00000	1360.500000	0.016666667
## 3230	0.000000	6.00000	156.000000	0.000000000
## 3231	0.000000	46.00000	1942.933333	0.010119048
## 3232	0.000000	10.00000	133.833333	0.000000000
## 3233	0.000000	5.00000	36.000000	0.066666667
## 3234	0.000000	30.00000	1407.500000	0.006451613
## 3235	0.000000	1.00000	0.000000	0.200000000
## 3236	0.000000	20.00000	1187.500000	0.000000000
## 3237	0.000000	40.00000	1090.566667	0.018392857
## 3238	0.000000	1.00000	0.000000	0.200000000
## 3239	0.000000	9.00000	115.500000	0.018181818
## 3240	0.000000	8.00000	463.000000	0.000000000
## 3241	111.500000	6.00000	91.500000	0.050000000
## 3242	0.000000	42.00000	840.833333	0.000000000
## 3243	0.000000	43.00000	895.973169	0.000000000
## 3244	0.000000	7.00000	76.500000	0.007142857
## 3245	0.000000	7.00000	104.333333	0.085714286
## 3246	86.000000	26.00000	466.500000	0.000000000
## 3247	0.000000	11.00000	345.166667	0.022222222
## 3248	0.000000	8.00000	203.000000	0.012500000
## 3249	0.000000	20.00000	869.800000	0.011111111
## 3250	0.000000	6.00000	68.500000	0.000000000
## 3251	0.000000	57.00000	980.833333	0.007142857
## 3252	0.000000	45.00000	1438.722222	0.004545455
## 3253	0.000000	10.00000	423.666667	0.000000000
## 3254	0.000000	8.00000	185.500000	0.025000000
## 3255	0.000000	5.00000	74.000000	0.000000000
## 3256	0.000000	13.00000	421.166667	0.000000000
## 3257	0.000000	7.00000	578.200000	0.000000000
## 3258	85.000000	127.00000	6931.049725	0.004347826
## 3259	0.000000	11.00000	522.666667	0.000000000
## 3260	0.000000	36.00000	1720.416667	0.000000000
## 3261	0.000000	22.00000	2464.900000	0.003030303
## 3262	0.000000	8.00000	240.000000	0.000000000
## 3263	134.000000	101.00000	5459.967105	0.038654646
## 3264	15.000000	15.00000	328.416667	0.000000000
## 3265	0.000000	8.00000	1046.500000	0.040000000
## 3266	0.000000	8.00000	268.000000	0.000000000
## 3267	0.000000	14.00000	354.250000	0.000000000
## 3268	0.000000	8.00000	127.666667	0.000000000
## 3269	0.000000	3.00000	15.000000	0.066666667
## 3270	0.000000	9.00000	455.000000	0.000000000
## 3271	15.000000	58.00000	2153.718590	0.007526882

## 3272	0.000000	8.00000	166.250000	0.000000000
## 3273	0.000000	11.00000	578.000000	0.000000000
## 3274	0.000000	10.00000	284.000000	0.000000000
## 3275	0.000000	2.00000	130.000000	0.000000000
## 3276	0.000000	28.00000	341.350000	0.007142857
## 3277	0.000000	4.00000	40.500000	0.000000000
## 3278	181.722222	52.00000	2826.790048	0.007258065
## 3279	58.000000	41.00000	2078.666667	0.008333333
## 3280	0.000000	2.00000	0.000000	0.200000000
## 3281	0.000000	1.00000	0.000000	0.200000000
## 3282	0.000000	19.00000	881.166667	0.000000000
## 3283	0.000000	30.00000	950.833333	0.006666667
## 3284	0.000000	44.00000	2279.222222	0.001111111
## 3285	0.000000	16.00000	729.000000	0.012500000
## 3286	0.000000	8.00000	217.866667	0.000000000
## 3287	0.000000	12.00000	354.000000	0.000000000
## 3288	9.000000	39.00000	1390.866667	0.000000000
## 3289	0.000000	4.00000	104.000000	0.000000000
## 3290	7.000000	25.00000	591.892857	0.000000000
## 3291	21.500000	33.00000	1829.183333	0.000000000
## 3292	0.000000	8.00000	316.500000	0.033333333
## 3293	0.000000	25.00000	903.700000	0.036000000
## 3294	0.000000	5.00000	517.500000	0.025000000
## 3295	341.333333	59.00000	2946.600000	0.003278689
## 3296	0.000000	29.00000	740.500000	0.000000000
## 3297	0.000000	34.00000	4566.238095	0.020476190
## 3298	249.000000	128.00000	3158.561476	0.005474453
## 3299	0.000000	2.00000	55.000000	0.000000000
## 3300	0.000000	56.00000	441.216667	0.008474576
## 3301	0.000000	3.00000	242.000000	0.066666667
## 3302	0.000000	5.00000	1439.500000	0.000000000
## 3303	0.000000	12.00000	312.666667	0.000000000
## 3304	0.000000	8.00000	56.333333	0.000000000
## 3305	0.000000	14.00000	689.383333	0.000000000
## 3306	0.000000	15.00000	614.333333	0.007692308
## 3307	0.000000	23.00000	422.730303	0.008333333
## 3308	0.000000	24.00000	485.283974	0.004938272
## 3309	0.000000	78.00000	2588.077268	0.008333333
## 3310	0.000000	34.00000	603.707143	0.000000000
## 3311	0.000000	2.00000	0.000000	0.200000000
## 3312	0.000000	6.00000	600.000000	0.000000000
## 3313	0.000000	8.00000	82.833333	0.000000000
## 3314	27.000000	33.00000	483.266667	0.002777778
## 3315	0.000000	7.00000	26.000000	0.066666667
## 3316	0.000000	12.00000	272.666667	0.000000000
## 3317	0.000000	1.00000	0.000000	0.200000000
## 3318	0.000000	3.00000	65.000000	0.000000000
## 3319	0.000000	49.00000	4051.375000	0.007272727
## 3320	0.000000	68.00000	1725.870671	0.003200000
## 3321	0.000000	27.00000	359.000000	0.000000000
## 3322	0.000000	12.00000	159.000000	0.000000000
## 3323	0.000000	24.00000	676.166667	0.000000000
## 3324	0.000000	19.00000	707.266667	0.000000000
## 3325	0.000000	35.00000	1178.000000	0.035294118

## 3326	0.000000	6.00000	56.000000	0.000000000
## 3327	292.000000	35.00000	1916.900000	0.000000000
## 3328	12.000000	57.00000	2773.166667	0.015517241
## 3329	0.000000	18.00000	297.300000	0.000000000
## 3330	0.000000	18.00000	631.666667	0.000000000
## 3331	0.000000	14.00000	1340.750000	0.000000000
## 3332	0.000000	23.00000	282.500000	0.043478261
## 3333	0.000000	7.00000	76.000000	0.000000000
## 3334	0.000000	17.00000	434.000000	0.000000000
## 3335	0.000000	4.00000	464.666667	0.000000000
## 3336	0.000000	5.00000	240.500000	0.080000000
## 3337	0.000000	24.00000	530.000000	0.000000000
## 3338	0.000000	24.00000	495.273810	0.016666667
## 3339	0.000000	62.00000	2232.450000	0.008196721
## 3340	0.000000	5.00000	151.000000	0.000000000
## 3341	0.000000	2.00000	49.000000	0.000000000
## 3342	327.000000	50.00000	1845.166667	0.011111111
## 3343	19.000000	27.00000	1523.050000	0.000000000
## 3344	0.000000	5.00000	70.000000	0.040000000
## 3345	0.000000	31.00000	1552.883333	0.000000000
## 3346	0.000000	25.00000	381.357143	0.000000000
## 3347	20.000000	96.00000	5604.977381	0.004888889
## 3348	0.000000	40.00000	1239.949603	0.025000000
## 3349	0.000000	9.00000	265.250000	0.000000000
## 3350	0.000000	24.00000	657.666667	0.013636364
## 3351	0.000000	3.00000	11.000000	0.000000000
## 3352	0.000000	25.00000	1157.452381	0.012000000
## 3353	0.000000	17.00000	1673.653846	0.039215686
## 3354	0.000000	16.00000	355.500000	0.000000000
## 3355	0.000000	90.00000	5621.599206	0.000000000
## 3356	0.000000	11.00000	123.000000	0.000000000
## 3357	10.000000	98.00000	2806.829918	0.013144750
## 3358	0.000000	3.00000	32.000000	0.000000000
## 3359	0.000000	39.00000	557.245238	0.028947368
## 3360	0.000000	42.00000	650.033333	0.004347826
## 3361	23.000000	24.00000	1614.226190	0.000000000
## 3362	0.000000	108.00000	2973.125000	0.005309735
## 3363	0.000000	67.00000	3014.290476	0.001917808
## 3364	0.000000	54.00000	801.509524	0.007547170
## 3365	0.000000	3.00000	27.000000	0.100000000
## 3366	0.000000	8.00000	70.500000	0.075000000
## 3367	0.000000	23.00000	363.500000	0.000000000
## 3368	0.000000	15.00000	436.000000	0.013333333
## 3369	0.000000	31.00000	1087.000000	0.000000000
## 3370	243.000000	19.00000	681.619048	0.000000000
## 3371	0.000000	119.00000	1243.180556	0.000000000
## 3372	122.000000	41.00000	2504.699567	0.000000000
## 3373	0.000000	9.00000	128.000000	0.000000000
## 3374	0.000000	63.00000	1903.666667	0.008064516
## 3375	0.000000	14.00000	397.000000	0.036250000
## 3376	232.000000	16.00000	343.200000	0.000000000
## 3377	0.000000	5.00000	71.000000	0.000000000
## 3378	0.000000	24.00000	653.000000	0.008333333
## 3379	221.000000	67.00000	1564.444444	0.002631579

## 3380	0.000000	70.00000	2509.250000	0.000000000
## 3381	0.000000	3.00000	0.000000	0.166666667
## 3382	0.000000	24.00000	242.000000	0.018181818
## 3383	0.000000	13.00000	646.791667	0.005128205
## 3384	0.000000	23.00000	209.833333	0.002173913
## 3385	0.000000	11.00000	713.000000	0.000000000
## 3386	0.000000	4.00000	112.500000	0.000000000
## 3387	0.000000	44.00000	630.316667	0.025000000
## 3388	0.000000	1.00000	0.000000	0.200000000
## 3389	0.000000	122.00000	6141.432139	0.013593814
## 3390	0.000000	19.00000	536.266667	0.044736842
## 3391	0.000000	31.00000	590.516667	0.005208333
## 3392	0.000000	17.00000	490.533333	0.000000000
## 3393	0.000000	18.00000	631.000000	0.010000000
## 3394	0.000000	6.00000	916.250000	0.000000000
## 3395	0.000000	2.00000	37.000000	0.000000000
## 3396	0.000000	16.00000	571.500000	0.041666667
## 3397	0.000000	14.00000	1025.000000	0.042857143
## 3398	0.000000	49.00000	1143.348504	0.000000000
## 3399	0.000000	23.00000	975.750000	0.000000000
## 3400	0.000000	13.00000	169.000000	0.015384615
## 3401	0.000000	20.00000	499.666667	0.010000000
## 3402	0.000000	7.00000	139.500000	0.000000000
## 3403	75.000000	88.00000	3827.753571	0.000000000
## 3404	0.000000	5.00000	24.000000	0.040000000
## 3405	0.000000	91.00000	2058.534091	0.021348315
## 3406	0.000000	15.00000	1639.500000	0.025000000
## 3407	0.000000	3.00000	24.000000	0.000000000
## 3408	0.000000	11.00000	720.500000	0.000000000
## 3409	0.000000	6.00000	56.000000	0.040000000
## 3410	0.000000	16.00000	324.500000	0.000000000
## 3411	0.000000	36.00000	472.666667	0.075675676
## 3412	0.000000	5.00000	38.000000	0.120000000
## 3413	0.000000	4.00000	568.478261	0.050000000
## 3414	0.000000	29.00000	569.166667	0.000000000
## 3415	0.000000	3.00000	0.000000	0.200000000
## 3416	0.000000	37.00000	1669.559524	0.016190476
## 3417	0.000000	29.00000	986.833333	0.013793103
## 3418	56.000000	62.00000	2414.900000	0.000000000
## 3419	0.000000	24.00000	330.083333	0.037500000
## 3420	0.000000	6.00000	83.000000	0.033333333
## 3421	0.000000	21.00000	744.833333	0.000000000
## 3422	0.000000	16.00000	120.000000	0.053333333
## 3423	0.000000	2.00000	0.000000	0.200000000
## 3424	0.000000	34.00000	1540.750000	0.004878049
## 3425	0.000000	8.00000	89.500000	0.000000000
## 3426	0.000000	17.00000	1723.000000	0.000000000
## 3427	0.000000	7.00000	191.000000	0.000000000
## 3428	0.000000	94.00000	1576.205078	0.010752688
## 3429	23.000000	15.00000	506.000000	0.033333333
## 3430	0.000000	39.00000	537.000000	0.005128205
## 3431	0.000000	12.00000	239.750000	0.000000000
## 3432	559.000000	44.00000	1470.333333	0.016000000
## 3433	0.000000	3.00000	105.250000	0.000000000

## 3434	0.000000	21.00000	1636.500000	0.042857143
## 3435	0.000000	1.00000	0.000000	0.200000000
## 3436	0.000000	14.00000	273.250000	0.000000000
## 3437	0.000000	19.00000	362.000000	0.000000000
## 3438	0.000000	21.00000	1623.500000	0.000000000
## 3439	4.000000	35.00000	1643.333333	0.010526316
## 3440	0.000000	4.00000	0.000000	0.200000000
## 3441	120.666667	56.00000	1080.266667	0.018840580
## 3442	0.000000	12.00000	152.000000	0.000000000
## 3443	0.000000	14.00000	574.500000	0.000000000
## 3444	0.000000	11.00000	142.416667	0.000000000
## 3445	0.000000	55.00000	1420.472496	0.001212121
## 3446	0.000000	5.00000	19.000000	0.000000000
## 3447	0.000000	10.00000	3291.000000	0.020000000
## 3448	0.000000	47.00000	1144.483333	0.041843972
## 3449	0.000000	17.00000	404.000000	0.000000000
## 3450	0.000000	28.00000	714.966667	0.014666667
## 3451	0.000000	25.00000	527.500000	0.000000000
## 3452	0.000000	8.00000	66.000000	0.075000000
## 3453	0.000000	125.00000	4313.139103	0.001736111
## 3454	0.000000	15.00000	454.750000	0.026666667
## 3455	0.000000	17.00000	1205.566667	0.012500000
## 3456	29.000000	41.00000	1652.750000	0.013636364
## 3457	0.000000	7.00000	239.500000	0.000000000
## 3458	0.000000	14.00000	1539.000000	0.015384615
## 3459	0.000000	6.00000	192.500000	0.050000000
## 3460	171.000000	76.00000	2208.788095	0.000000000
## 3461	0.000000	105.00000	2062.443592	0.012205270
## 3462	0.000000	30.00000	1456.783333	0.000000000
## 3463	0.000000	12.00000	260.000000	0.050000000
## 3464	0.000000	7.00000	604.000000	0.000000000
## 3465	0.000000	13.00000	362.500000	0.000000000
## 3466	0.000000	30.00000	1584.300000	0.000000000
## 3467	0.000000	79.00000	3855.200000	0.012345679
## 3468	0.000000	14.00000	543.833333	0.000000000
## 3469	0.000000	12.00000	574.000000	0.016666667
## 3470	0.000000	10.00000	127.750000	0.053333333
## 3471	0.000000	39.00000	2666.000000	0.015384615
## 3472	0.000000	3.00000	0.000000	0.200000000
## 3473	0.000000	23.00000	1166.333333	0.000000000
## 3474	0.000000	276.00000	4758.380638	0.001034483
## 3475	16.000000	8.00000	308.000000	0.000000000
## 3476	17.000000	100.00000	2463.244841	0.001886792
## 3477	0.000000	3.00000	28.000000	0.000000000
## 3478	0.000000	24.00000	958.250000	0.025000000
## 3479	0.000000	16.00000	331.333333	0.000000000
## 3480	0.000000	24.00000	516.416667	0.000000000
## 3481	0.000000	18.00000	689.666667	0.023529412
## 3482	0.000000	22.00000	887.354762	0.010000000
## 3483	0.000000	15.00000	2026.476190	0.011764706
## 3484	29.500000	16.00000	529.333333	0.000000000
## 3485	0.000000	52.00000	2376.861905	0.016666667
## 3486	0.000000	33.00000	1564.173810	0.006250000
## 3487	0.000000	20.00000	1180.000000	0.000000000

## 3488	0.000000	14.00000	291.600000 0.000000000
## 3489	0.000000	2.00000	203.000000 0.000000000
## 3490	0.000000	32.00000	871.833333 0.009375000
## 3491	29.000000	78.00000	3098.992857 0.007692308
## 3492	314.000000	19.00000	2340.500000 0.000000000
## 3493	0.000000	5.00000	108.000000 0.000000000
## 3494	0.000000	59.00000	1927.122222 0.007909605
## 3495	0.000000	15.00000	143.750000 0.080000000
## 3496	0.000000	9.00000	553.000000 0.000000000
## 3497	0.000000	7.00000	855.000000 0.000000000
## 3498	153.000000	27.00000	880.800000 0.007291667
## 3499	0.000000	7.00000	37.000000 0.083333333
## 3500	0.000000	29.00000	1721.125000 0.042528736
## 3501	76.000000	70.00000	3345.685836 0.002515091
## 3502	0.000000	29.00000	809.166667 0.017857143
## 3503	0.000000	10.00000	466.750000 0.000000000
## 3504	0.000000	35.00000	1513.000000 0.040000000
## 3505	0.000000	51.00000	769.992857 0.000000000
## 3506	0.000000	11.00000	126.666667 0.072727273
## 3507	0.000000	25.00000	317.500000 0.012500000
## 3508	0.000000	9.00000	389.000000 0.122222222
## 3509	0.000000	2.00000	44.000000 0.000000000
## 3510	0.000000	13.00000	252.000000 0.000000000
## 3511	416.000000	291.00000	12065.181350 0.001226310
## 3512	85.000000	33.00000	616.433333 0.000000000
## 3513	0.000000	10.00000	978.000000 0.000000000
## 3514	0.000000	16.00000	487.666667 0.000000000
## 3515	0.000000	3.00000	60.000000 0.000000000
## 3516	0.000000	1.00000	0.000000 0.200000000
## 3517	0.000000	23.00000	647.500000 0.028571429
## 3518	0.000000	14.00000	204.500000 0.046153846
## 3519	0.000000	10.00000	72.000000 0.080000000
## 3520	0.000000	18.00000	143.850000 0.000000000
## 3521	0.000000	5.00000	258.083333 0.004545455
## 3522	0.000000	7.00000	99.700000 0.000000000
## 3523	0.000000	7.00000	277.000000 0.044444444
## 3524	1779.166667	12.00000	1886.500000 0.007017544
## 3525	0.000000	80.00000	1987.533333 0.035000000
## 3526	0.000000	17.00000	391.866667 0.000000000
## 3527	0.000000	83.00000	791.955952 0.013636364
## 3528	0.000000	9.00000	127.500000 0.000000000
## 3529	0.000000	38.00000	2259.200000 0.022222222
## 3530	109.000000	23.00000	1232.733333 0.000000000
## 3531	0.000000	30.00000	1018.000000 0.000000000
## 3532	0.000000	29.00000	1397.500000 0.011555556
## 3533	0.000000	18.00000	292.500000 0.013888889
## 3534	0.000000	11.00000	183.500000 0.000000000
## 3535	134.333333	16.00000	765.445454 0.006666667
## 3536	0.000000	20.00000	1006.666667 0.000000000
## 3537	0.000000	12.00000	764.750000 0.000000000
## 3538	0.000000	2.00000	61.000000 0.000000000
## 3539	0.000000	48.00000	1304.666667 0.016666667
## 3540	75.000000	67.00000	1336.554221 0.000000000
## 3541	0.000000	12.00000	336.800000 0.000000000

## 3542	0.000000	8.00000	183.000000	0.000000000
## 3543	0.000000	19.00000	813.100000	0.000000000
## 3544	0.000000	2.00000	0.000000	0.200000000
## 3545	0.000000	21.00000	664.333333	0.000000000
## 3546	0.000000	1.00000	0.000000	0.200000000
## 3547	0.000000	6.00000	655.000000	0.033333333
## 3548	0.000000	10.00000	343.000000	0.000000000
## 3549	3.000000	51.00000	5407.788889	0.001923077
## 3550	0.000000	18.00000	691.500000	0.000000000
## 3551	88.000000	114.00000	3772.405525	0.000000000
## 3552	0.000000	4.00000	24.500000	0.022222222
## 3553	17.000000	27.00000	2154.723810	0.036781609
## 3554	0.000000	22.00000	883.000000	0.133333333
## 3555	0.000000	4.00000	33.000000	0.100000000
## 3556	0.000000	14.00000	632.000000	0.028571429
## 3557	0.000000	3.00000	25.000000	0.066666667
## 3558	0.000000	14.00000	180.500000	0.085714286
## 3559	0.000000	9.00000	73.666667	0.000000000
## 3560	0.000000	26.00000	1097.050000	0.000000000
## 3561	0.000000	10.00000	611.000000	0.020000000
## 3562	0.000000	20.00000	413.000000	0.011111111
## 3563	0.000000	20.00000	724.133333	0.074074074
## 3564	0.000000	7.00000	441.000000	0.020000000
## 3565	0.000000	65.00000	1803.584127	0.023794872
## 3566	0.000000	11.00000	855.250000	0.018181818
## 3567	0.000000	9.00000	466.666667	0.000000000
## 3568	15.000000	38.00000	2311.090909	0.004651163
## 3569	0.000000	15.00000	309.800000	0.000000000
## 3570	0.000000	27.00000	889.000000	0.021428571
## 3571	0.000000	9.00000	78.250000	0.077777778
## 3572	0.000000	11.00000	142.166667	0.020000000
## 3573	0.000000	5.00000	57.000000	0.000000000
## 3574	0.000000	22.00000	647.666667	0.009090909
## 3575	323.000000	14.00000	836.833333	0.000000000
## 3576	0.000000	18.00000	133.000000	0.038888889
## 3577	37.500000	71.00000	1145.571429	0.000000000
## 3578	0.000000	15.00000	984.000000	0.015384615
## 3579	101.500000	53.00000	2797.213095	0.004098361
## 3580	0.000000	2.00000	0.000000	0.200000000
## 3581	0.000000	3.00000	108.000000	0.000000000
## 3582	0.000000	4.00000	34.000000	0.000000000
## 3583	0.000000	6.00000	399.000000	0.033333333
## 3584	53.000000	16.00000	388.744444	0.000000000
## 3585	166.000000	67.00000	3872.509420	0.039495923
## 3586	0.000000	4.00000	59.000000	0.125000000
## 3587	0.000000	36.00000	818.500000	0.007894737
## 3588	0.000000	57.00000	4115.233333	0.003508772
## 3589	0.000000	10.00000	146.766667	0.000000000
## 3590	0.000000	17.00000	212.833333	0.041176471
## 3591	0.000000	66.00000	3268.075758	0.005882353
## 3592	0.000000	17.00000	295.000000	0.011764706
## 3593	0.000000	8.00000	261.600000	0.000000000
## 3594	0.000000	3.00000	62.000000	0.100000000
## 3595	86.000000	25.00000	413.722222	0.000000000

## 3596	0.000000	13.00000	1005.000000	0.000000000
## 3597	0.000000	54.00000	2222.900000	0.003703704
## 3598	0.000000	1.00000	0.000000	0.200000000
## 3599	0.000000	21.00000	467.952381	0.047619048
## 3600	0.000000	13.00000	531.000000	0.033333333
## 3601	0.000000	4.00000	142.000000	0.000000000
## 3602	0.000000	3.00000	86.000000	0.000000000
## 3603	0.000000	20.00000	870.666667	0.000000000
## 3604	0.000000	7.00000	1010.166667	0.028571429
## 3605	0.000000	9.00000	27.500000	0.044444444
## 3606	0.000000	72.00000	1353.115146	0.002857143
## 3607	0.000000	26.00000	542.166667	0.008333333
## 3608	0.000000	28.00000	623.966667	0.023214286
## 3609	0.000000	4.00000	123.000000	0.000000000
## 3610	0.000000	2.00000	19.000000	0.000000000
## 3611	0.000000	12.00000	375.000000	0.000000000
## 3612	0.000000	18.00000	782.500000	0.000000000
## 3613	0.000000	7.00000	442.166667	0.000000000
## 3614	41.000000	36.00000	696.402778	0.000000000
## 3615	39.000000	14.00000	443.208333	0.012000000
## 3616	313.000000	6.00000	135.500000	0.028571429
## 3617	0.000000	23.00000	213.500000	0.100000000
## 3618	0.000000	2.00000	262.000000	0.100000000
## 3619	0.000000	5.00000	1144.000000	0.120000000
## 3620	0.000000	2.00000	16.000000	0.000000000
## 3621	0.000000	23.00000	251.333333	0.000000000
## 3622	0.000000	13.00000	171.500000	0.019230769
## 3623	0.000000	22.00000	892.000000	0.000000000
## 3624	0.000000	1.00000	0.000000	0.200000000
## 3625	0.000000	59.00000	468.191667	0.000000000
## 3626	0.000000	7.00000	180.000000	0.028571429
## 3627	0.000000	60.00000	1993.915257	0.005970149
## 3628	0.000000	17.00000	174.833333	0.017647059
## 3629	246.000000	39.00000	1501.333333	0.000000000
## 3630	0.000000	14.00000	121.000000	0.092857143
## 3631	0.000000	39.00000	1584.044444	0.000000000
## 3632	0.000000	25.00000	438.075000	0.008000000
## 3633	7.000000	25.00000	687.533333	0.013793103
## 3634	0.000000	12.00000	103.000000	0.133333333
## 3635	0.000000	29.00000	826.850000	0.007142857
## 3636	348.000000	172.00000	4086.144897	0.000555556
## 3637	0.000000	10.00000	894.666667	0.000000000
## 3638	0.000000	29.00000	1858.733333	0.025806452
## 3639	0.000000	24.00000	368.333333	0.092592593
## 3640	0.000000	3.00000	6.000000	0.066666667
## 3641	0.000000	8.00000	211.333333	0.000000000
## 3642	0.000000	26.00000	1197.666667	0.000000000
## 3643	0.000000	6.00000	671.666667	0.000000000
## 3644	0.000000	36.00000	3473.733333	0.015384615
## 3645	0.000000	16.00000	2515.100000	0.053571429
## 3646	0.000000	6.00000	173.000000	0.012500000
## 3647	0.000000	60.00000	967.250000	0.006779661
## 3648	0.000000	8.00000	388.500000	0.000000000
## 3649	0.000000	7.00000	906.000000	0.000000000

## 3650	0.000000	19.00000	548.883117	0.000000000
## 3651	0.000000	7.00000	262.375000	0.009523810
## 3652	17.000000	8.00000	549.000000	0.022222222
## 3653	0.000000	6.00000	1564.000000	0.044444444
## 3654	0.000000	15.00000	188.500000	0.000000000
## 3655	0.000000	28.00000	884.804062	0.000000000
## 3656	0.000000	4.00000	81.000000	0.000000000
## 3657	0.000000	19.00000	1651.928571	0.024561404
## 3658	0.000000	14.00000	243.833333	0.000000000
## 3659	0.000000	7.00000	54.500000	0.000000000
## 3660	1131.000000	46.00000	5492.366667	0.019090909
## 3661	0.000000	7.00000	151.500000	0.000000000
## 3662	0.000000	60.00000	731.333333	0.034920635
## 3663	0.000000	39.00000	1752.942857	0.020075188
## 3664	0.000000	13.00000	195.000000	0.000000000
## 3665	0.000000	7.00000	274.250000	0.012500000
## 3666	335.000000	33.00000	3583.166667	0.020000000
## 3667	0.000000	13.00000	474.681818	0.015384615
## 3668	0.000000	4.00000	79.000000	0.000000000
## 3669	0.000000	9.00000	71.750000	0.000000000
## 3670	0.000000	66.00000	6100.527778	0.010606061
## 3671	15.000000	93.00000	3646.278788	0.017204301
## 3672	0.000000	11.00000	778.000000	0.018181818
## 3673	2.500000	14.00000	592.566667	0.013333333
## 3674	0.000000	23.00000	343.666667	0.025000000
## 3675	0.000000	28.00000	1249.628205	0.000000000
## 3676	0.000000	7.00000	1260.666667	0.057142857
## 3677	55.000000	38.00000	1377.409524	0.000877193
## 3678	104.000000	15.00000	675.833333	0.000000000
## 3679	0.000000	18.00000	1259.000000	0.010526316
## 3680	0.000000	16.00000	1472.000000	0.016666667
## 3681	0.000000	6.00000	219.500000	0.011111111
## 3682	0.000000	28.00000	2394.000000	0.033333333
## 3683	0.000000	29.00000	364.166667	0.020689655
## 3684	0.000000	6.00000	190.400000	0.042857143
## 3685	0.000000	14.00000	253.166667	0.014285714
## 3686	0.000000	49.00000	579.583333	0.000000000
## 3687	0.000000	9.00000	953.833333	0.000000000
## 3688	0.000000	7.00000	297.000000	0.028571429
## 3689	0.000000	21.00000	597.333333	0.090476190
## 3690	0.000000	105.00000	2900.638469	0.009433962
## 3691	0.000000	15.00000	304.500000	0.000000000
## 3692	0.000000	3.00000	55.000000	0.066666667
## 3693	0.000000	7.00000	934.000000	0.000000000
## 3694	0.000000	16.00000	1098.000000	0.017647059
## 3695	140.833333	65.00000	5478.530087	0.009523810
## 3696	0.000000	37.00000	1873.166667	0.000000000
## 3697	0.000000	72.00000	2129.333333	0.000000000
## 3698	20.000000	39.00000	1721.872725	0.009740260
## 3699	0.000000	14.00000	655.166667	0.000000000
## 3700	0.000000	31.00000	1008.416667	0.000000000
## 3701	0.000000	1.00000	0.000000	0.200000000
## 3702	16.000000	33.00000	504.000000	0.006060606
## 3703	201.000000	14.00000	1033.066667	0.012500000

## 3704	51.000000	16.00000	463.416667	0.000000000
## 3705	0.000000	217.00000	4153.276587	0.000070900
## 3706	0.000000	23.00000	456.333333	0.043478261
## 3707	0.000000	7.00000	84.333333	0.052380952
## 3708	0.000000	4.00000	56.500000	0.050000000
## 3709	0.000000	7.00000	128.333333	0.000000000
## 3710	0.000000	32.00000	1205.583333	0.006451613
## 3711	16.000000	187.00000	4987.688889	0.003108808
## 3712	0.000000	2.00000	33.000000	0.000000000
## 3713	0.000000	30.00000	1845.333333	0.027083333
## 3714	0.000000	36.00000	1195.726923	0.013725490
## 3715	0.000000	31.00000	457.404780	0.000000000
## 3716	0.000000	3.00000	69.000000	0.000000000
## 3717	0.000000	12.00000	189.666667	0.015384615
## 3718	37.500000	25.00000	788.266667	0.007142857
## 3719	17.000000	21.00000	1647.500000	0.000000000
## 3720	0.000000	24.00000	1483.333333	0.008333333
## 3721	0.000000	5.00000	50.000000	0.160000000
## 3722	0.000000	12.00000	304.750000	0.000000000
## 3723	0.000000	2.00000	1207.000000	0.000000000
## 3724	0.000000	8.00000	123.000000	0.000000000
## 3725	27.000000	21.00000	893.450000	0.017391304
## 3726	0.000000	6.00000	794.500000	0.000000000
## 3727	25.000000	31.00000	2725.000000	0.010909091
## 3728	0.000000	22.00000	746.166667	0.000000000
## 3729	0.000000	1.00000	0.000000	0.200000000
## 3730	0.000000	14.00000	433.833333	0.039285714
## 3731	0.000000	6.00000	4.000000	0.142857143
## 3732	58.000000	6.00000	311.500000	0.000000000
## 3733	0.000000	7.00000	123.500000	0.000000000
## 3734	0.000000	159.00000	1905.652754	0.004113924
## 3735	0.000000	5.00000	162.500000	0.040000000
## 3736	0.000000	4.00000	61.000000	0.000000000
## 3737	0.000000	15.00000	304.166667	0.000000000
## 3738	0.000000	20.00000	301.500000	0.028571429
## 3739	0.000000	7.00000	210.000000	0.000000000
## 3740	0.000000	7.00000	102.000000	0.066666667
## 3741	0.000000	38.00000	2246.166667	0.016923077
## 3742	0.000000	4.00000	2210.500000	0.000000000
## 3743	0.000000	13.00000	417.000000	0.000000000
## 3744	0.000000	2.00000	689.000000	0.000000000
## 3745	0.000000	15.00000	789.666667	0.000000000
## 3746	0.000000	6.00000	549.000000	0.000000000
## 3747	42.000000	32.00000	879.916667	0.021951220
## 3748	0.000000	3.00000	202.833333	0.000000000
## 3749	0.000000	25.00000	506.766667	0.017391304
## 3750	0.000000	20.00000	806.500000	0.010000000
## 3751	0.000000	54.00000	1835.066667	0.003773585
## 3752	0.000000	115.00000	5016.351205	0.006837607
## 3753	0.000000	79.00000	5664.146032	0.045356473
## 3754	0.000000	11.00000	126.500000	0.015476190
## 3755	0.000000	97.00000	7515.583333	0.004166667
## 3756	87.000000	26.00000	485.833333	0.008000000
## 3757	0.000000	72.00000	1248.242262	0.000000000

## 3758	0.000000	38.00000	1485.566667	0.006818182
## 3759	0.000000	4.00000	67.000000	0.000000000
## 3760	0.000000	57.00000	2816.553070	0.000000000
## 3761	0.000000	24.00000	3209.000000	0.008695652
## 3762	0.000000	13.00000	136.000000	0.142857143
## 3763	176.000000	37.00000	1420.733333	0.000000000
## 3764	0.000000	5.00000	108.000000	0.000000000
## 3765	0.000000	8.00000	152.000000	0.037500000
## 3766	0.000000	10.00000	347.000000	0.000000000
## 3767	0.000000	3.00000	45.333333	0.000000000
## 3768	37.000000	15.00000	287.291667	0.000000000
## 3769	222.000000	21.00000	654.500000	0.000000000
## 3770	0.000000	8.00000	202.833333	0.000000000
## 3771	0.000000	10.00000	1580.000000	0.000000000
## 3772	0.000000	81.00000	2071.000000	0.012345679
## 3773	0.000000	16.00000	190.750000	0.000000000
## 3774	0.000000	18.00000	813.800000	0.010526316
## 3775	0.000000	9.00000	76.000000	0.000000000
## 3776	0.000000	56.00000	4377.983333	0.004285714
## 3777	0.000000	8.00000	162.500000	0.000000000
## 3778	16.000000	18.00000	463.500000	0.000000000
## 3779	0.000000	17.00000	182.000000	0.000000000
## 3780	134.000000	31.00000	519.916667	0.000000000
## 3781	0.000000	31.00000	618.000000	0.000000000
## 3782	0.000000	7.00000	193.333333	0.028571429
## 3783	0.000000	37.00000	1296.942857	0.013888889
## 3784	0.000000	3.00000	20.000000	0.000000000
## 3785	0.000000	2.00000	157.000000	0.000000000
## 3786	0.000000	16.00000	305.428571	0.000000000
## 3787	0.000000	8.00000	65.000000	0.025000000
## 3788	0.000000	36.00000	440.600000	0.011111111
## 3789	0.000000	4.00000	61.000000	0.000000000
## 3790	0.000000	7.00000	1689.000000	0.028571429
## 3791	0.000000	2.00000	17.000000	0.000000000
## 3792	13.000000	57.00000	1518.903694	0.000000000
## 3793	0.000000	16.00000	727.714286	0.038888889
## 3794	0.000000	24.00000	302.983333	0.018181818
## 3795	0.000000	55.00000	2831.561111	0.000000000
## 3796	0.000000	20.00000	480.857143	0.001754386
## 3797	0.000000	6.00000	82.000000	0.150000000
## 3798	0.000000	57.00000	1575.216667	0.006896552
## 3799	13.000000	55.00000	1546.503822	0.015577078
## 3800	0.000000	2.00000	0.000000	0.200000000
## 3801	47.666667	34.00000	944.297619	0.000000000
## 3802	0.000000	6.00000	186.000000	0.000000000
## 3803	54.000000	25.00000	796.300000	0.000000000
## 3804	0.000000	17.00000	65.000000	0.047058824
## 3805	0.000000	26.00000	1035.821429	0.003846154
## 3806	0.000000	20.00000	298.500000	0.010000000
## 3807	0.000000	1.00000	612.000000	0.000000000
## 3808	0.000000	141.00000	2886.523521	0.004316547
## 3809	500.000000	88.00000	2663.823810	0.008163265
## 3810	161.500000	60.00000	2789.166667	0.000000000
## 3811	0.000000	33.00000	982.000000	0.000000000

## 3812	0.000000	13.00000	295.666667	0.014285714
## 3813	0.000000	26.00000	3242.000000	0.005555556
## 3814	0.000000	50.00000	1735.595238	0.000000000
## 3815	0.000000	13.00000	908.500000	0.000000000
## 3816	0.000000	1.00000	0.000000	0.200000000
## 3817	0.000000	56.00000	2094.983333	0.032738095
## 3818	0.000000	27.00000	608.400000	0.014814815
## 3819	0.000000	7.00000	203.666667	0.000000000
## 3820	0.000000	85.00000	3731.079365	0.014942529
## 3821	9.307692	49.00000	1042.416667	0.012000000
## 3822	231.700000	24.00000	1034.583333	0.000000000
## 3823	0.000000	12.00000	590.833333	0.010000000
## 3824	61.000000	17.00000	819.000000	0.000000000
## 3825	0.000000	6.00000	127.000000	0.000000000
## 3826	313.000000	65.00000	2091.662821	0.012206573
## 3827	0.000000	80.00000	3279.407576	0.018750000
## 3828	0.000000	41.00000	896.066667	0.000000000
## 3829	0.000000	5.00000	309.000000	0.050000000
## 3830	29.500000	59.00000	1609.313889	0.010447761
## 3831	0.000000	31.00000	887.916667	0.038709677
## 3832	0.000000	16.00000	462.733333	0.012500000
## 3833	0.000000	3.00000	313.000000	0.000000000
## 3834	60.000000	24.00000	1192.500000	0.015151515
## 3835	13.000000	73.00000	3085.007143	0.008333333
## 3836	0.000000	14.00000	260.200000	0.000000000
## 3837	0.000000	43.00000	1425.183333	0.004651163
## 3838	0.000000	4.00000	137.000000	0.000000000
## 3839	0.000000	68.00000	746.800000	0.002941176
## 3840	0.000000	23.00000	1193.000000	0.000000000
## 3841	0.000000	85.00000	2387.990657	0.000000000
## 3842	0.000000	133.00000	3068.922487	0.004890511
## 3843	0.000000	59.00000	3096.375000	0.007526882
## 3844	0.000000	19.00000	1040.200000	0.000000000
## 3845	0.000000	6.00000	180.166667	0.000000000
## 3846	0.000000	3.00000	140.000000	0.066666667
## 3847	0.000000	9.00000	1217.200000	0.033333333
## 3848	0.000000	7.00000	80.500000	0.028571429
## 3849	0.000000	41.00000	3272.000000	0.045238095
## 3850	0.000000	6.00000	262.000000	0.000000000
## 3851	0.000000	31.00000	1075.759524	0.000000000
## 3852	0.000000	11.00000	399.666667	0.054545455
## 3853	0.000000	8.00000	166.166667	0.000000000
## 3854	0.000000	1.00000	0.000000	0.200000000
## 3855	0.000000	5.00000	77.666667	0.000000000
## 3856	0.000000	16.00000	641.500000	0.000000000
## 3857	0.000000	156.00000	5432.836783	0.010009921
## 3858	0.000000	3.00000	0.000000	0.200000000
## 3859	29.000000	3.00000	380.000000	0.000000000
## 3860	0.000000	53.00000	1556.600000	0.000000000
## 3861	109.000000	33.00000	752.459208	0.002777778
## 3862	0.000000	111.00000	2451.869048	0.000000000
## 3863	0.000000	36.00000	777.217532	0.029166667
## 3864	0.000000	35.00000	1295.916667	0.004166667
## 3865	0.000000	26.00000	1222.333333	0.000000000

## 3866	0.000000	15.00000	528.000000 0.026666667
## 3867	6.000000	84.00000	1212.030303 0.005102041
## 3868	0.000000	49.00000	783.450000 0.000000000
## 3869	0.000000	59.00000	2574.725974 0.003508772
## 3870	0.000000	3.00000	52.000000 0.100000000
## 3871	0.000000	4.00000	151.000000 0.000000000
## 3872	0.000000	2.00000	648.000000 0.000000000
## 3873	0.000000	6.00000	114.000000 0.000000000
## 3874	0.000000	68.00000	2277.377056 0.009758454
## 3875	707.500000	51.00000	3981.892484 0.003389831
## 3876	0.000000	14.00000	222.666667 0.080000000
## 3877	0.000000	1.00000	0.000000 0.200000000
## 3878	0.000000	5.00000	200.000000 0.000000000
## 3879	49.000000	25.00000	2454.450000 0.000000000
## 3880	0.000000	108.00000	1479.083333 0.001785714
## 3881	258.000000	61.00000	5233.590476 0.009090909
## 3882	0.000000	106.00000	3156.501914 0.000628931
## 3883	0.000000	20.00000	525.666667 0.000000000
## 3884	0.000000	19.00000	341.366667 0.000000000
## 3885	0.000000	3.00000	18.000000 0.033333333
## 3886	0.000000	13.00000	152.333333 0.023931624
## 3887	0.000000	13.00000	231.500000 0.015384615
## 3888	0.000000	2.00000	13.000000 0.000000000
## 3889	0.000000	29.00000	619.400000 0.000000000
## 3890	0.000000	7.00000	58.000000 0.028571429
## 3891	222.000000	25.00000	1545.833333 0.007692308
## 3892	0.000000	46.00000	1525.666667 0.000000000
## 3893	0.000000	1.00000	0.000000 0.200000000
## 3894	0.000000	25.00000	1838.500000 0.004000000
## 3895	0.000000	2.00000	19.000000 0.000000000
## 3896	0.000000	10.00000	693.500000 0.000000000
## 3897	0.000000	34.00000	1337.245455 0.013750000
## 3898	21.000000	18.00000	2199.972222 0.009523810
## 3899	0.000000	2.00000	0.000000 0.200000000
## 3900	31.000000	18.00000	374.380952 0.000000000
## 3901	0.000000	1.00000	0.000000 0.200000000
## 3902	0.000000	12.00000	819.916667 0.005555556
## 3903	0.000000	16.00000	953.500000 0.000000000
## 3904	0.000000	3.00000	34.000000 0.000000000
## 3905	0.000000	10.00000	240.500000 0.000000000
## 3906	0.000000	104.00000	4877.257071 0.003921569
## 3907	0.000000	12.00000	404.000000 0.000000000
## 3908	74.000000	6.00000	83.500000 0.000000000
## 3909	0.000000	10.00000	89.333333 0.000000000
## 3910	0.000000	7.00000	380.000000 0.014285714
## 3911	120.000000	87.00000	1363.263492 0.004301075
## 3912	64.000000	52.00000	1859.083333 0.010344828
## 3913	0.000000	7.00000	35.000000 0.114285714
## 3914	482.333333	44.00000	2453.750000 0.000000000
## 3915	0.000000	8.00000	135.833333 0.000000000
## 3916	0.000000	8.00000	165.800000 0.022222222
## 3917	0.000000	10.00000	68.000000 0.018181818
## 3918	0.000000	20.00000	196.833333 0.040000000
## 3919	0.000000	14.00000	207.166667 0.042857143

## 3920	0.000000	15.00000	197.000000 0.000000000
## 3921	0.000000	26.00000	535.466667 0.000000000
## 3922	0.000000	21.00000	1342.500000 0.010000000
## 3923	0.000000	11.00000	224.000000 0.016666667
## 3924	0.000000	29.00000	520.600000 0.015172414
## 3925	0.000000	17.00000	290.833333 0.000000000
## 3926	0.000000	17.00000	538.966667 0.000000000
## 3927	0.000000	4.00000	112.000000 0.000000000
## 3928	0.000000	36.00000	319.500000 0.047777778
## 3929	0.000000	1.00000	0.000000 0.200000000
## 3930	0.000000	3.00000	14.000000 0.155555556
## 3931	0.000000	12.00000	168.285714 0.000000000
## 3932	0.000000	79.00000	1562.866667 0.017721519
## 3933	0.000000	5.00000	310.500000 0.000000000
## 3934	0.000000	19.00000	411.800000 0.021052632
## 3935	0.000000	66.00000	1706.712281 0.000000000
## 3936	0.000000	19.00000	1431.666667 0.000000000
## 3937	0.000000	0.00000	0.000000 0.200000000
## 3938	0.000000	47.00000	1230.368182 0.004347826
## 3939	0.000000	12.00000	259.500000 0.008333333
## 3940	20.000000	31.00000	960.833333 0.007843137
## 3941	0.000000	2.00000	21.000000 0.000000000
## 3942	0.000000	10.00000	673.000000 0.015384615
## 3943	18.000000	53.00000	2130.025000 0.000000000
## 3944	0.000000	7.00000	204.500000 0.000000000
## 3945	0.000000	136.00000	4569.904365 0.000000000
## 3946	0.000000	3.00000	15.000000 0.000000000
## 3947	0.000000	13.00000	1496.833333 0.000000000
## 3948	0.000000	2.00000	17.000000 0.000000000
## 3949	4.000000	17.00000	319.000000 0.000000000
## 3950	0.000000	8.00000	376.333333 0.000000000
## 3951	0.000000	24.00000	805.000000 0.000000000
## 3952	0.000000	41.00000	506.716667 0.004444444
## 3953	0.000000	2.00000	3.000000 0.000000000
## 3954	0.000000	17.00000	596.083333 0.000000000
## 3955	0.000000	1.00000	102.000000 0.000000000
## 3956	0.000000	10.00000	313.333333 0.046969697
## 3957	0.000000	22.00000	452.583333 0.000000000
## 3958	148.000000	24.00000	377.500000 0.006666667
## 3959	0.000000	51.00000	1620.183333 0.004313725
## 3960	0.000000	3.00000	18.000000 0.000000000
## 3961	0.000000	41.00000	963.000000 0.000000000
## 3962	0.000000	0.00000	0.000000 0.000000000
## 3963	0.000000	11.00000	327.666667 0.033333333
## 3964	0.000000	6.00000	45.333333 0.033333333
## 3965	0.000000	29.00000	743.166667 0.000000000
## 3966	0.000000	22.00000	679.500000 0.000000000
## 3967	0.000000	6.00000	34.000000 0.133333333
## 3968	0.000000	55.00000	2598.991667 0.003278689
## 3969	0.000000	2.00000	53.000000 0.000000000
## 3970	0.000000	36.00000	1266.500000 0.038888889
## 3971	82.000000	33.00000	813.388889 0.028205128
## 3972	417.000000	67.00000	6483.775000 0.003750000
## 3973	0.000000	4.00000	206.500000 0.000000000

## 3974	22.000000	16.00000	408.250000 0.000000000
## 3975	194.000000	93.00000	3646.966667 0.005154639
## 3976	0.000000	26.00000	2058.500000 0.000000000
## 3977	0.000000	50.00000	1115.459524 0.007843137
## 3978	0.000000	2.00000	19.000000 0.000000000
## 3979	0.000000	5.00000	259.000000 0.000000000
## 3980	0.000000	23.00000	831.690476 0.004166667
## 3981	0.000000	10.00000	126.833333 0.040000000
## 3982	0.000000	24.00000	1365.500000 0.002777778
## 3983	0.000000	52.00000	1624.223485 0.007692308
## 3984	0.000000	2.00000	0.000000 0.200000000
## 3985	0.000000	20.00000	1511.000000 0.000000000
## 3986	0.000000	26.00000	364.666667 0.065384615
## 3987	56.000000	29.00000	1073.500000 0.000000000
## 3988	0.000000	24.00000	957.900000 0.025000000
## 3989	0.000000	5.00000	134.000000 0.020000000
## 3990	0.000000	38.00000	1608.500000 0.005263158
## 3991	9.000000	17.00000	1075.713095 0.011111111
## 3992	0.000000	16.00000	994.575758 0.037500000
## 3993	0.000000	29.00000	1137.166667 0.000000000
## 3994	320.500000	20.00000	2039.000000 0.000000000
## 3995	0.000000	8.00000	222.000000 0.000000000
## 3996	0.000000	4.00000	108.000000 0.000000000
## 3997	12.000000	54.00000	1603.333333 0.005084746
## 3998	0.000000	3.00000	0.000000 0.200000000
## 3999	0.000000	6.00000	56.500000 0.066666667
## 4000	0.000000	19.00000	522.000000 0.021052632
## 4001	22.000000	87.00000	2531.060479 0.006896552
## 4002	0.000000	33.00000	601.971429 0.006451613
## 4003	0.000000	18.00000	862.000000 0.044444444
## 4004	0.000000	26.00000	1840.666667 0.008000000
## 4005	0.000000	85.00000	2299.391667 0.003065134
## 4006	24.000000	80.00000	5426.022078 0.012874780
## 4007	114.500000	129.00000	3098.912088 0.000000000
## 4008	0.000000	3.00000	8.000000 0.000000000
## 4009	0.000000	19.00000	337.166667 0.000000000
## 4010	0.000000	74.00000	2326.666667 0.000000000
## 4011	0.000000	4.00000	64.000000 0.000000000
## 4012	0.000000	31.00000	736.783333 0.000000000
## 4013	0.000000	32.00000	1123.691667 0.002702703
## 4014	0.000000	50.00000	1232.026840 0.000000000
## 4015	0.000000	32.00000	1367.630952 0.008928571
## 4016	0.000000	4.00000	39.000000 0.000000000
## 4017	215.000000	33.00000	1887.694444 0.008571429
## 4018	0.000000	5.00000	48.000000 0.080000000
## 4019	1222.750000	11.00000	443.000000 0.035294118
## 4020	39.000000	46.00000	1388.866667 0.004166667
## 4021	0.000000	18.00000	1107.466667 0.022222222
## 4022	0.000000	81.00000	2533.833333 0.002531646
## 4023	0.000000	2.00000	51.000000 0.000000000
## 4024	0.000000	3.00000	9.000000 0.066666667
## 4025	0.000000	23.00000	637.500000 0.000000000
## 4026	0.000000	24.00000	669.916667 0.000000000
## 4027	3.000000	29.00000	1005.946429 0.006666667

## 4028	0.000000	24.00000	1270.166667	0.013043478
## 4029	0.000000	14.00000	186.166667	0.021052632
## 4030	0.000000	8.00000	140.500000	0.025000000
## 4031	0.000000	9.00000	147.000000	0.022222222
## 4032	0.000000	20.00000	769.500000	0.000000000
## 4033	0.000000	1.00000	0.000000	0.200000000
## 4034	0.000000	20.00000	973.583333	0.009523810
## 4035	40.000000	12.00000	306.333333	0.028571429
## 4036	0.000000	2.00000	10.000000	0.000000000
## 4037	0.000000	60.00000	3386.000000	0.025333333
## 4038	0.000000	8.00000	117.666667	0.000000000
## 4039	0.000000	1.00000	0.000000	0.200000000
## 4040	0.000000	9.00000	143.500000	0.000000000
## 4041	0.000000	11.00000	1160.000000	0.000000000
## 4042	0.000000	32.00000	1324.666667	0.056666667
## 4043	0.000000	22.00000	1058.189474	0.000000000
## 4044	0.000000	29.00000	354.833333	0.000000000
## 4045	0.000000	53.00000	2241.500000	0.003846154
## 4046	0.000000	37.00000	518.000000	0.000000000
## 4047	0.000000	11.00000	764.500000	0.015384615
## 4048	0.000000	17.00000	582.400000	0.066666667
## 4049	0.000000	3.00000	25.500000	0.000000000
## 4050	298.666667	13.00000	798.535714	0.000000000
## 4051	0.000000	25.00000	629.500000	0.000000000
## 4052	0.000000	8.00000	623.076923	0.000000000
## 4053	618.000000	129.00000	6657.151362	0.010917582
## 4054	41.000000	89.00000	2213.819048	0.013541667
## 4055	0.000000	41.00000	647.816667	0.012500000
## 4056	0.000000	13.00000	645.500000	0.000000000
## 4057	0.000000	41.00000	1221.138095	0.000000000
## 4058	0.000000	34.00000	606.785714	0.017647059
## 4059	151.000000	180.00000	4773.335638	0.000537634
## 4060	0.000000	135.00000	3700.495815	0.004662005
## 4061	30.666667	13.00000	307.571429	0.013333333
## 4062	0.000000	3.00000	293.500000	0.000000000
## 4063	0.000000	24.00000	747.400000	0.028985507
## 4064	53.000000	37.00000	1578.000000	0.000000000
## 4065	0.000000	64.00000	1810.966667	0.003174603
## 4066	0.000000	4.00000	118.000000	0.000000000
## 4067	0.000000	8.00000	710.000000	0.000000000
## 4068	0.000000	4.00000	87.500000	0.000000000
## 4069	0.000000	10.00000	338.500000	0.000000000
## 4070	0.000000	9.00000	237.333333	0.000000000
## 4071	0.000000	27.00000	190.250000	0.016000000
## 4072	0.000000	11.00000	500.000000	0.000000000
## 4073	0.000000	2.00000	54.000000	0.050000000
## 4074	0.000000	53.00000	2544.166667	0.006172840
## 4075	514.000000	79.00000	2605.702273	0.000000000
## 4076	0.000000	8.00000	296.550000	0.000000000
## 4077	0.000000	11.00000	143.000000	0.000000000
## 4078	0.000000	5.00000	426.000000	0.000000000
## 4079	0.000000	20.00000	598.778571	0.000000000
## 4080	0.000000	9.00000	120.000000	0.022222222
## 4081	0.000000	1.00000	0.000000	0.200000000

## 4082	0.000000	19.00000	885.125000	0.021052632
## 4083	0.000000	3.00000	48.000000	0.066666667
## 4084	0.000000	27.00000	783.250000	0.014814815
## 4085	0.000000	17.00000	451.000000	0.062500000
## 4086	0.000000	15.00000	259.666667	0.000000000
## 4087	0.000000	1.00000	0.000000	0.200000000
## 4088	0.000000	11.00000	177.404762	0.016666667
## 4089	0.000000	5.00000	24.000000	0.000000000
## 4090	0.000000	6.00000	99.000000	0.066666667
## 4091	460.000000	46.00000	1900.896078	0.017156863
## 4092	0.000000	21.00000	1296.716667	0.000000000
## 4093	11.000000	35.00000	926.669048	0.016666667
## 4094	0.000000	2.00000	15.000000	0.000000000
## 4095	60.000000	110.00000	5343.049577	0.008771930
## 4096	0.000000	26.00000	1296.183333	0.036781609
## 4097	0.000000	1.00000	0.000000	0.200000000
## 4098	0.000000	34.00000	1159.666667	0.005714286
## 4099	0.000000	24.00000	496.666667	0.000000000
## 4100	0.000000	65.00000	624.624896	0.000000000
## 4101	0.000000	9.00000	177.333333	0.066666667
## 4102	218.000000	91.00000	2869.788095	0.002000000
## 4103	0.000000	6.00000	210.200000	0.055555556
## 4104	0.000000	5.00000	377.000000	0.000000000
## 4105	53.000000	8.00000	667.666667	0.000000000
## 4106	0.000000	13.00000	350.833333	0.000000000
## 4107	0.000000	124.00000	3394.130159	0.001587302
## 4108	0.000000	7.00000	70.000000	0.000000000
## 4109	0.000000	17.00000	545.500000	0.000000000
## 4110	0.000000	33.00000	1324.616667	0.009677419
## 4111	0.000000	8.00000	5.000000	0.150000000
## 4112	0.000000	5.00000	322.000000	0.000000000
## 4113	12.000000	44.00000	1373.950000	0.000000000
## 4114	0.000000	2.00000	0.000000	0.200000000
## 4115	0.000000	12.00000	655.000000	0.036363636
## 4116	0.000000	45.00000	939.633333	0.012500000
## 4117	0.000000	40.00000	3970.700000	0.005555556
## 4118	2.000000	43.00000	2325.611905	0.009523810
## 4119	0.000000	2.00000	70.000000	0.000000000
## 4120	0.000000	12.00000	99.000000	0.176923077
## 4121	0.000000	6.00000	90.750000	0.022222222
## 4122	0.000000	2.00000	0.000000	0.200000000
## 4123	0.000000	6.00000	209.000000	0.000000000
## 4124	42.000000	25.00000	443.250000	0.006451613
## 4125	0.000000	46.00000	1044.800000	0.017021277
## 4126	0.000000	34.00000	783.566667	0.000000000
## 4127	0.000000	43.00000	2124.833333	0.000000000
## 4128	0.000000	19.00000	402.716667	0.000000000
## 4129	0.000000	1.00000	0.000000	0.200000000
## 4130	29.000000	28.00000	557.404762	0.013793103
## 4131	0.000000	7.00000	34.000000	0.114285714
## 4132	0.000000	35.00000	573.000000	0.000000000
## 4133	0.000000	53.00000	1062.749495	0.007843137
## 4134	0.000000	66.00000	1231.200000	0.006280193
## 4135	0.000000	7.00000	98.333333	0.028571429

## 4136	11.500000	129.00000	5293.824709 0.005072464
## 4137	0.000000	77.00000	1230.312302 0.000000000
## 4138	0.000000	18.00000	498.333333 0.010000000
## 4139	0.000000	15.00000	225.000000 0.000000000
## 4140	0.000000	28.00000	710.908333 0.006451613
## 4141	0.000000	18.00000	356.500000 0.012500000
## 4142	160.500000	26.00000	1975.633333 0.017647059
## 4143	0.000000	21.00000	248.833333 0.010000000
## 4144	2.000000	12.00000	1311.000000 0.053333333
## 4145	0.000000	22.00000	2473.250000 0.009090909
## 4146	0.000000	6.00000	72.000000 0.000000000
## 4147	0.000000	7.00000	110.750000 0.000000000
## 4148	0.000000	6.00000	110.000000 0.011111111
## 4149	37.000000	34.00000	581.226191 0.023809524
## 4150	0.000000	39.00000	1634.095238 0.000000000
## 4151	0.000000	18.00000	473.750000 0.037500000
## 4152	0.000000	16.00000	602.000000 0.014705882
## 4153	0.000000	1.00000	13.000000 0.000000000
## 4154	0.000000	49.00000	4651.033333 0.020000000
## 4155	0.000000	76.00000	2854.783333 0.005866667
## 4156	0.000000	7.00000	224.000000 0.066666667
## 4157	0.000000	7.00000	701.000000 0.000000000
## 4158	0.000000	24.00000	506.166667 0.021333333
## 4159	0.000000	15.00000	791.000000 0.000000000
## 4160	0.000000	22.00000	401.166667 0.000000000
## 4161	0.000000	6.00000	102.000000 0.000000000
## 4162	0.000000	26.00000	852.766667 0.001923077
## 4163	0.000000	36.00000	2670.869444 0.000000000
## 4164	0.000000	6.00000	105.000000 0.066666667
## 4165	31.000000	32.00000	898.171429 0.000000000
## 4166	0.000000	20.00000	243.416667 0.000000000
## 4167	0.000000	1.00000	0.000000 0.200000000
## 4168	0.000000	8.00000	191.000000 0.000000000
## 4169	1258.833333	195.00000	7675.149290 0.001937543
## 4170	0.000000	10.00000	182.166667 0.000000000
## 4171	0.000000	11.00000	547.500000 0.018181818
## 4172	26.000000	51.00000	3540.239394 0.001960784
## 4173	56.000000	35.00000	1386.633333 0.010256410
## 4174	0.000000	32.00000	673.125000 0.006451613
## 4175	0.000000	13.00000	158.333333 0.015384615
## 4176	309.000000	36.00000	1523.416667 0.011742424
## 4177	0.000000	13.00000	151.500000 0.003333333
## 4178	0.000000	3.00000	70.000000 0.000000000
## 4179	0.000000	10.00000	856.333333 0.025000000
## 4180	0.000000	20.00000	289.750000 0.000000000
## 4181	0.000000	64.00000	2555.123810 0.017460317
## 4182	0.000000	1.00000	0.000000 0.200000000
## 4183	27.000000	20.00000	566.500000 0.004761905
## 4184	0.000000	26.00000	453.333333 0.015384615
## 4185	0.000000	4.00000	85.000000 0.000000000
## 4186	0.000000	23.00000	489.250000 0.001739130
## 4187	57.000000	99.00000	6266.208586 0.000000000
## 4188	0.000000	9.00000	88.950000 0.000000000
## 4189	0.000000	32.00000	2423.750000 0.002777778

## 4190	0.000000	33.00000	1606.831818	0.000000000
## 4191	0.000000	19.00000	692.622222	0.000000000
## 4192	0.000000	5.00000	48.500000	0.000000000
## 4193	0.000000	22.00000	2232.500000	0.000000000
## 4194	0.000000	5.00000	90.333333	0.025000000
## 4195	1778.000000	362.00000	13259.293960	0.002883379
## 4196	0.000000	6.00000	149.500000	0.000000000
## 4197	0.000000	12.00000	1638.500000	0.083333333
## 4198	0.000000	4.00000	44.000000	0.025000000
## 4199	0.000000	79.00000	1926.333390	0.015331010
## 4200	0.000000	5.00000	68.000000	0.000000000
## 4201	0.000000	44.00000	845.833333	0.004255319
## 4202	27.000000	68.00000	2950.623810	0.009589041
## 4203	0.000000	23.00000	813.000000	0.016666667
## 4204	10.000000	23.00000	1390.388889	0.000000000
## 4205	0.000000	34.00000	1345.755952	0.005128205
## 4206	0.000000	12.00000	213.500000	0.016666667
## 4207	0.000000	50.00000	1369.750000	0.020408163
## 4208	0.000000	4.00000	138.800000	0.000000000
## 4209	0.000000	49.00000	1164.416667	0.048000000
## 4210	0.000000	85.00000	1740.271008	0.011827957
## 4211	47.000000	36.00000	1994.500000	0.012222222
## 4212	0.000000	3.00000	283.000000	0.066666667
## 4213	41.000000	21.00000	459.666667	0.000000000
## 4214	0.000000	44.00000	1527.166667	0.012765957
## 4215	0.000000	30.00000	1151.200000	0.000000000
## 4216	0.000000	15.00000	266.000000	0.028571429
## 4217	0.000000	29.00000	2061.066667	0.018918919
## 4218	0.000000	21.00000	360.083333	0.000000000
## 4219	0.000000	19.00000	989.333333	0.000000000
## 4220	666.783333	42.00000	1822.841667	0.005769231
## 4221	151.666667	21.00000	2080.750000	0.011904762
## 4222	0.000000	18.00000	407.500000	0.000000000
## 4223	0.000000	8.00000	71.000000	0.022222222
## 4224	0.000000	10.00000	269.000000	0.000000000
## 4225	6.000000	13.00000	2782.750000	0.000000000
## 4226	0.000000	20.00000	285.666667	0.000000000
## 4227	373.000000	36.00000	1381.750000	0.000000000
## 4228	0.000000	64.00000	3289.500000	0.000000000
## 4229	0.000000	15.00000	181.500000	0.012500000
## 4230	0.000000	1.00000	0.000000	0.000000000
## 4231	0.000000	6.00000	117.500000	0.000000000
## 4232	0.000000	8.00000	147.000000	0.033333333
## 4233	0.000000	2.00000	0.000000	0.000000000
## 4234	0.000000	4.00000	19.600000	0.075000000
## 4235	0.000000	24.00000	488.333333	0.000000000
## 4236	0.000000	18.00000	760.000000	0.084210526
## 4237	42.000000	18.00000	401.968254	0.000000000
## 4238	0.000000	14.00000	166.166667	0.028571429
## 4239	40.000000	61.00000	2072.991919	0.005952381
## 4240	0.000000	9.00000	11.000000	0.155555556
## 4241	0.000000	56.00000	2504.413636	0.004918033
## 4242	0.000000	11.00000	488.000000	0.000000000
## 4243	61.000000	66.00000	1505.333333	0.000000000

## 4244	0.000000	74.00000	2763.250000	0.005405405
## 4245	0.000000	21.00000	947.000000	0.010000000
## 4246	0.000000	13.00000	365.750000	0.000000000
## 4247	0.000000	10.00000	450.000000	0.000000000
## 4248	0.000000	14.00000	363.300000	0.019047619
## 4249	0.000000	18.00000	1188.950000	0.000000000
## 4250	0.000000	12.00000	312.033333	0.000000000
## 4251	104.000000	9.00000	244.666667	0.050000000
## 4252	0.000000	7.00000	56.000000	0.000000000
## 4253	0.000000	3.00000	23.000000	0.044444444
## 4254	0.000000	15.00000	338.857143	0.000000000
## 4255	0.000000	9.00000	219.000000	0.030303030
## 4256	0.000000	6.00000	362.000000	0.000000000
## 4257	0.000000	3.00000	74.000000	0.000000000
## 4258	689.833333	96.00000	2964.590278	0.002608696
## 4259	0.000000	44.00000	1820.566667	0.029166667
## 4260	0.000000	35.00000	888.333333	0.005714286
## 4261	0.000000	37.00000	785.383333	0.050000000
## 4262	0.000000	9.00000	154.000000	0.000000000
## 4263	53.000000	29.00000	528.196429	0.000000000
## 4264	0.000000	6.00000	317.500000	0.000000000
## 4265	0.000000	13.00000	177.733333	0.000000000
## 4266	0.000000	22.00000	502.000000	0.000000000
## 4267	0.000000	21.00000	1148.500000	0.000000000
## 4268	163.666667	75.00000	13430.976060	0.002941176
## 4269	0.000000	17.00000	314.000000	0.000000000
## 4270	0.000000	3.00000	0.000000	0.200000000
## 4271	0.000000	28.00000	682.200000	0.001212121
## 4272	0.000000	8.00000	129.000000	0.025000000
## 4273	21.000000	51.00000	1933.898930	0.011259259
## 4274	136.750000	21.00000	1632.733333	0.000000000
## 4275	0.000000	40.00000	737.261905	0.013333333
## 4276	0.000000	2.00000	113.000000	0.000000000
## 4277	0.000000	2.00000	9.000000	0.000000000
## 4278	0.000000	4.00000	36.000000	0.000000000
## 4279	0.000000	5.00000	109.000000	0.000000000
## 4280	0.000000	10.00000	108.000000	0.040000000
## 4281	0.000000	19.00000	722.700000	0.000000000
## 4282	0.000000	27.00000	1058.023810	0.026923077
## 4283	0.000000	45.00000	1456.273810	0.000000000
## 4284	0.000000	2.00000	46.000000	0.000000000
## 4285	0.000000	10.00000	482.500000	0.000000000
## 4286	0.000000	8.00000	262.166667	0.000000000
## 4287	872.000000	77.00000	3909.620363	0.002409639
## 4288	0.000000	14.00000	280.500000	0.025000000
## 4289	0.000000	6.00000	142.500000	0.000000000
## 4290	0.000000	9.00000	0.000000	0.120000000
## 4291	0.000000	13.00000	190.000000	0.000000000
## 4292	0.000000	3.00000	22.500000	0.000000000
## 4293	0.000000	29.00000	1219.516667	0.000000000
## 4294	129.000000	57.00000	4516.588312	0.005000000
## 4295	0.000000	20.00000	1839.833333	0.000000000
## 4296	0.000000	17.00000	1217.430556	0.000000000
## 4297	0.000000	1.00000	0.000000	0.200000000

## 4298	0.000000	3.00000	30.000000	0.000000000
## 4299	0.000000	59.00000	2088.443506	0.006343284
## 4300	23.000000	42.00000	3503.025000	0.005142857
## 4301	0.000000	22.00000	2715.000000	0.000000000
## 4302	0.000000	16.00000	351.750000	0.008888889
## 4303	0.000000	21.00000	819.833333	0.000000000
## 4304	0.000000	9.00000	72.000000	0.022222222
## 4305	0.000000	13.00000	193.500000	0.085714286
## 4306	0.000000	1.00000	0.000000	0.200000000
## 4307	0.000000	7.00000	174.500000	0.042857143
## 4308	0.000000	16.00000	280.500000	0.000000000
## 4309	0.000000	3.00000	95.500000	0.000000000
## 4310	0.000000	17.00000	287.750000	0.073529412
## 4311	0.000000	38.00000	1326.250000	0.013157895
## 4312	0.000000	19.00000	386.850000	0.000000000
## 4313	0.000000	80.00000	4322.779121	0.002272727
## 4314	0.000000	51.00000	1229.166667	0.000000000
## 4315	0.000000	57.00000	4555.023810	0.000000000
## 4316	0.000000	5.00000	67.000000	0.120000000
## 4317	0.000000	4.00000	137.000000	0.150000000
## 4318	985.419048	30.00000	1956.022222	0.003083900
## 4319	0.000000	14.00000	584.333333	0.000000000
## 4320	0.000000	20.00000	497.538889	0.000000000
## 4321	1150.000000	58.00000	5072.395938	0.007667474
## 4322	0.000000	12.00000	115.050000	0.000000000
## 4323	0.000000	27.00000	477.500000	0.005000000
## 4324	83.500000	125.00000	3727.323810	0.000000000
## 4325	0.000000	6.00000	50.000000	0.033333333
## 4326	0.000000	18.00000	668.250000	0.022222222
## 4327	0.000000	19.00000	224.000000	0.000000000
## 4328	0.000000	33.00000	677.950000	0.005714286
## 4329	0.000000	24.00000	364.416667	0.000000000
## 4330	0.000000	1.00000	51.000000	0.000000000
## 4331	0.000000	25.00000	384.157143	0.007407407
## 4332	0.000000	18.00000	1844.416667	0.000000000
## 4333	0.000000	40.00000	1115.878205	0.000000000
## 4334	6.000000	4.00000	12.500000	0.066666667
## 4335	0.000000	21.00000	598.600000	0.000000000
## 4336	0.000000	11.00000	1019.500000	0.022222222
## 4337	0.000000	179.00000	5996.025000	0.010388889
## 4338	0.000000	52.00000	3593.129320	0.007795699
## 4339	0.000000	1.00000	0.000000	0.200000000
## 4340	0.000000	46.00000	1687.850000	0.000000000
## 4341	0.000000	126.00000	3372.826797	0.006250000
## 4342	0.000000	17.00000	392.166667	0.011764706
## 4343	0.000000	20.00000	559.380952	0.000000000
## 4344	0.000000	1.00000	0.000000	0.200000000
## 4345	0.000000	8.00000	142.000000	0.000000000
## 4346	0.000000	19.00000	421.600000	0.068421053
## 4347	0.000000	19.00000	538.200000	0.000000000
## 4348	0.000000	3.00000	208.500000	0.111111111
## 4349	0.000000	62.00000	1471.858333	0.060655738
## 4350	12.000000	15.00000	158.000000	0.000000000
## 4351	0.000000	21.00000	304.275000	0.000000000

## 4352	0.000000	8.00000	182.000000	0.000000000
## 4353	0.000000	46.00000	2425.083333	0.010869565
## 4354	0.000000	3.00000	164.000000	0.000000000
## 4355	0.000000	13.00000	151.000000	0.007692308
## 4356	0.000000	6.00000	45.000000	0.000000000
## 4357	0.000000	6.00000	223.333333	0.000000000
## 4358	0.000000	101.00000	2584.714286	0.011214953
## 4359	0.000000	10.00000	99.000000	0.040000000
## 4360	330.000000	7.00000	169.500000	0.016666667
## 4361	0.000000	27.00000	1739.250000	0.022222222
## 4362	33.000000	19.00000	569.513889	0.023076923
## 4363	0.000000	36.00000	1420.547902	0.015384615
## 4364	0.000000	17.00000	591.250000	0.041176471
## 4365	0.000000	3.00000	167.500000	0.000000000
## 4366	0.000000	18.00000	567.750000	0.000000000
## 4367	0.000000	3.00000	106.500000	0.000000000
## 4368	0.000000	63.00000	2461.250000	0.000000000
## 4369	0.000000	32.00000	1038.797619	0.000000000
## 4370	331.750000	7.00000	121.000000	0.046153846
## 4371	93.000000	28.00000	724.333333	0.000000000
## 4372	0.000000	37.00000	1238.375000	0.005405405
## 4373	6.000000	50.00000	1306.100000	0.004081633
## 4374	0.000000	8.00000	335.000000	0.025000000
## 4375	21.000000	41.00000	1193.333333	0.000975610
## 4376	0.000000	7.00000	185.000000	0.000000000
## 4377	0.000000	12.00000	497.000000	0.000000000
## 4378	0.000000	6.00000	78.000000	0.050000000
## 4379	0.000000	33.00000	1930.333333	0.012222222
## 4380	0.000000	17.00000	1175.500000	0.000000000
## 4381	516.000000	132.00000	3083.050977	0.001494396
## 4382	23.000000	22.00000	739.066667	0.000000000
## 4383	0.000000	15.00000	1233.250000	0.020000000
## 4384	0.000000	58.00000	1660.354762	0.003519062
## 4385	0.000000	8.00000	459.000000	0.000000000
## 4386	0.000000	15.00000	221.000000	0.000000000
## 4387	5.000000	30.00000	1039.244444	0.005714286
## 4388	53.500000	15.00000	270.571429	0.042105263
## 4389	1.000000	10.00000	384.400000	0.044444444
## 4390	0.000000	19.00000	160.500000	0.000000000
## 4391	0.000000	35.00000	999.000000	0.000000000
## 4392	0.000000	11.00000	228.666667	0.000000000
## 4393	0.000000	3.00000	324.000000	0.000000000
## 4394	0.000000	11.00000	2351.333333	0.000000000
## 4395	0.000000	1.00000	0.000000	0.200000000
## 4396	0.000000	11.00000	501.750000	0.016666667
## 4397	0.000000	20.00000	267.500000	0.022222222
## 4398	0.000000	16.00000	1599.266667	0.000000000
## 4399	0.000000	0.00000	0.000000	0.200000000
## 4400	22.000000	27.00000	2042.250000	0.045977011
## 4401	0.000000	35.00000	990.919118	0.018857143
## 4402	0.000000	10.00000	443.500000	0.000000000
## 4403	0.000000	73.00000	2958.500000	0.005405405
## 4404	0.000000	12.00000	293.500000	0.015384615
## 4405	0.000000	0.00000	0.000000	0.200000000

## 4406	0.000000	30.00000	1307.666667	0.018750000
## 4407	0.000000	5.00000	276.000000	0.000000000
## 4408	0.000000	32.00000	1723.750000	0.006666667
## 4409	0.000000	21.00000	352.416667	0.026923077
## 4410	0.000000	13.00000	135.000000	0.000000000
## 4411	0.000000	10.00000	257.000000	0.000000000
## 4412	0.000000	50.00000	1149.433333	0.012000000
## 4413	0.000000	15.00000	272.333333	0.000000000
## 4414	0.000000	6.00000	364.500000	0.077777778
## 4415	0.000000	4.00000	124.000000	0.000000000
## 4416	0.000000	24.00000	777.000000	0.025000000
## 4417	0.000000	8.00000	726.000000	0.075000000
## 4418	0.000000	13.00000	700.666667	0.000000000
## 4419	0.000000	31.00000	1282.000000	0.031250000
## 4420	0.000000	55.00000	1165.623254	0.013207547
## 4421	0.000000	2.00000	163.000000	0.000000000
## 4422	0.000000	54.00000	3510.416667	0.003571429
## 4423	0.000000	5.00000	58.000000	0.000000000
## 4424	0.000000	9.00000	442.000000	0.000000000
## 4425	0.000000	21.00000	612.750000	0.000000000
## 4426	27.000000	57.00000	1580.600000	0.011475410
## 4427	0.000000	10.00000	129.500000	0.000000000
## 4428	0.000000	10.00000	140.000000	0.040000000
## 4429	0.000000	18.00000	1090.533333	0.008695652
## 4430	0.000000	1.00000	14.000000	0.000000000
## 4431	0.000000	39.00000	743.011905	0.000000000
## 4432	0.000000	28.00000	2228.516667	0.000000000
## 4433	0.000000	2.00000	0.000000	0.200000000
## 4434	0.000000	10.00000	345.250000	0.020000000
## 4435	0.000000	2.00000	14.000000	0.000000000
## 4436	93.000000	15.00000	292.500000	0.000000000
## 4437	0.000000	16.00000	448.500000	0.000000000
## 4438	0.000000	28.00000	852.333333	0.013793103
## 4439	0.000000	4.00000	45.500000	0.000000000
## 4440	0.000000	26.00000	1122.583333	0.027407407
## 4441	0.000000	19.00000	716.950000	0.009523810
## 4442	0.000000	18.00000	412.333333	0.000000000
## 4443	0.000000	1.00000	0.000000	0.200000000
## 4444	0.000000	10.00000	240.416667	0.018181818
## 4445	99.000000	55.00000	3373.015865	0.016438356
## 4446	21.000000	15.00000	498.500000	0.000000000
## 4447	9.000000	25.00000	2852.000000	0.013333333
## 4448	0.000000	15.00000	75.000000	0.080000000
## 4449	0.000000	8.00000	209.250000	0.000000000
## 4450	0.000000	32.00000	3837.500000	0.000000000
## 4451	0.000000	60.00000	1205.945238	0.008823529
## 4452	600.000000	124.00000	5731.094444	0.018346253
## 4453	0.000000	12.00000	1077.000000	0.018181818
## 4454	0.000000	61.00000	1238.066667	0.004761905
## 4455	0.000000	15.00000	728.200000	0.000000000
## 4456	23.000000	70.00000	2218.276547	0.018000000
## 4457	848.416667	113.00000	5882.174206	0.000000000
## 4458	0.000000	4.00000	40.000000	0.000000000
## 4459	0.000000	16.00000	819.166667	0.000000000

## 4460	0.000000	1.00000	0.000000 0.200000000
## 4461	0.000000	1.00000	0.000000 0.200000000
## 4462	0.000000	10.00000	570.500000 0.000000000
## 4463	39.000000	19.00000	1527.607143 0.038095238
## 4464	0.000000	44.00000	831.608333 0.000000000
## 4465	0.000000	21.00000	952.533333 0.000000000
## 4466	102.000000	32.00000	478.500000 0.070588235
## 4467	0.000000	6.00000	197.500000 0.022222222
## 4468	0.000000	55.00000	1699.327668 0.000000000
## 4469	0.000000	6.00000	91.000000 0.000000000
## 4470	0.000000	4.00000	66.000000 0.000000000
## 4471	0.000000	4.00000	47.500000 0.050000000
## 4472	0.000000	16.00000	859.166667 0.000000000
## 4473	0.000000	1.00000	0.000000 0.200000000
## 4474	0.000000	10.00000	103.000000 0.020000000
## 4475	0.000000	28.00000	708.916667 0.000000000
## 4476	43.666667	118.00000	3712.811600 0.003252033
## 4477	69.000000	62.00000	1279.333333 0.000645161
## 4478	0.000000	14.00000	634.000000 0.000000000
## 4479	0.000000	2.00000	5.000000 0.000000000
## 4480	0.000000	60.00000	3086.398654 0.000287356
## 4481	0.000000	13.00000	174.000000 0.015384615
## 4482	0.000000	30.00000	2205.666667 0.000000000
## 4483	0.000000	1.00000	4.000000 0.000000000
## 4484	0.000000	26.00000	553.500000 0.000000000
## 4485	0.000000	34.00000	1644.857143 0.005000000
## 4486	14.000000	34.00000	3900.428571 0.035714286
## 4487	0.000000	46.00000	944.233333 0.004347826
## 4488	0.000000	15.00000	1137.000000 0.040000000
## 4489	126.000000	45.00000	1340.611199 0.028787879
## 4490	0.000000	38.00000	1348.700000 0.000000000
## 4491	0.000000	28.00000	752.716667 0.000000000
## 4492	0.000000	4.00000	14.000000 0.000000000
## 4493	0.000000	69.00000	2734.818254 0.000000000
## 4494	0.000000	58.00000	2498.029762 0.020689655
## 4495	272.500000	30.00000	974.269841 0.006451613
## 4496	70.000000	7.00000	110.000000 0.040000000
## 4497	0.000000	55.00000	1728.025397 0.049318182
## 4498	55.500000	4.00000	77.500000 0.000000000
## 4499	0.000000	9.00000	166.166667 0.000000000
## 4500	0.000000	10.00000	304.000000 0.000000000
## 4501	0.000000	25.00000	698.833333 0.000000000
## 4502	0.000000	4.00000	34.833333 0.028571429
## 4503	376.333333	42.00000	986.516667 0.019934641
## 4504	0.000000	9.00000	597.000000 0.111111111
## 4505	0.000000	11.00000	606.500000 0.000000000
## 4506	0.000000	10.00000	246.933333 0.006666667
## 4507	0.000000	9.00000	231.500000 0.022222222
## 4508	37.000000	24.00000	1067.795238 0.000000000
## 4509	0.000000	14.00000	698.583333 0.007692308
## 4510	0.000000	14.00000	115.666667 0.057142857
## 4511	17.000000	52.00000	3095.975000 0.012280702
## 4512	0.000000	19.00000	220.384849 0.010526316
## 4513	0.000000	16.00000	2041.083333 0.040000000

## 4514	26.000000	21.00000	405.333333 0.000000000
## 4515	10.000000	23.00000	237.250000 0.000000000
## 4516	56.000000	8.00000	497.333333 0.030000000
## 4517	0.000000	9.00000	87.500000 0.000000000
## 4518	0.000000	1.00000	1364.000000 0.000000000
## 4519	0.000000	68.00000	3177.791667 0.005970149
## 4520	108.000000	14.00000	562.666667 0.000000000
## 4521	0.000000	21.00000	1045.000000 0.000000000
## 4522	0.000000	3.00000	74.000000 0.000000000
## 4523	0.000000	10.00000	701.000000 0.000000000
## 4524	0.000000	8.00000	676.000000 0.000000000
## 4525	0.000000	9.00000	232.833333 0.033333333
## 4526	0.000000	29.00000	3229.169841 0.003225806
## 4527	0.000000	20.00000	584.000000 0.000000000
## 4528	0.000000	49.00000	1179.014103 0.000000000
## 4529	51.000000	19.00000	523.735065 0.002000000
## 4530	0.000000	5.00000	177.666667 0.000000000
## 4531	0.000000	16.00000	157.900000 0.050000000
## 4532	0.000000	18.00000	824.833333 0.000000000
## 4533	35.000000	15.00000	557.333333 0.000000000
## 4534	0.000000	7.00000	499.500000 0.000000000
## 4535	0.000000	13.00000	222.500000 0.000000000
## 4536	10.000000	58.00000	3816.366667 0.010606061
## 4537	0.000000	6.00000	78.666667 0.000000000
## 4538	0.000000	19.00000	543.775000 0.000000000
## 4539	0.000000	69.00000	1248.133333 0.005797101
## 4540	0.000000	12.00000	697.166667 0.000000000
## 4541	0.000000	61.00000	1423.967857 0.010000000
## 4542	0.000000	1.00000	0.000000 0.200000000
## 4543	0.000000	39.00000	1379.500000 0.006349206
## 4544	0.000000	31.00000	831.666667 0.030303030
## 4545	0.000000	14.00000	186.933333 0.042857143
## 4546	0.000000	4.00000	34.500000 0.000000000
## 4547	0.000000	38.00000	454.289177 0.011111111
## 4548	0.000000	20.00000	1201.600000 0.011111111
## 4549	0.000000	6.00000	180.666667 0.000000000
## 4550	14.000000	106.00000	3825.102381 0.007592593
## 4551	146.000000	89.00000	3639.737302 0.000217391
## 4552	0.000000	17.00000	344.333333 0.005555556
## 4553	0.000000	47.00000	1447.577273 0.000000000
## 4554	0.000000	4.00000	6.000000 0.100000000
## 4555	0.000000	12.00000	349.000000 0.066666667
## 4556	0.000000	35.00000	1977.050000 0.005263158
## 4557	0.000000	35.00000	706.400000 0.024561404
## 4558	0.000000	6.00000	245.000000 0.000000000
## 4559	0.000000	20.00000	1815.279762 0.012280702
## 4560	0.000000	7.00000	38.000000 0.142857143
## 4561	0.000000	4.00000	113.500000 0.026666667
## 4562	0.000000	22.00000	164.916667 0.009090909
## 4563	0.000000	16.00000	838.166667 0.012500000
## 4564	0.000000	175.00000	12634.620890 0.001156069
## 4565	26.750000	22.00000	553.583333 0.000000000
## 4566	0.000000	2.00000	39.000000 0.000000000
## 4567	0.000000	38.00000	1155.000000 0.004545455

## 4568	0.000000	20.00000	419.000000	0.000000000
## 4569	0.000000	5.00000	384.000000	0.000000000
## 4570	0.000000	7.00000	93.700000	0.028571429
## 4571	0.000000	4.00000	15.000000	0.100000000
## 4572	0.000000	59.00000	4200.597222	0.017241379
## 4573	0.000000	17.00000	141.500000	0.082352941
## 4574	0.000000	11.00000	543.300000	0.018181818
## 4575	0.000000	2.00000	0.000000	0.066666667
## 4576	0.000000	32.00000	886.958333	0.006250000
## 4577	25.500000	52.00000	1887.158242	0.003508772
## 4578	0.000000	11.00000	565.000000	0.000000000
## 4579	0.000000	4.00000	110.000000	0.000000000
## 4580	0.000000	72.00000	1032.761905	0.000000000
## 4581	0.000000	42.00000	879.033333	0.004761905
## 4582	14.000000	89.00000	1332.088889	0.000000000
## 4583	0.000000	10.00000	355.000000	0.000000000
## 4584	0.000000	9.00000	272.000000	0.013333333
## 4585	0.000000	12.00000	241.200000	0.050000000
## 4586	0.000000	44.00000	1065.501515	0.006333333
## 4587	0.000000	6.00000	224.000000	0.000000000
## 4588	0.000000	25.00000	612.583333	0.008333333
## 4589	0.000000	59.00000	2516.833333	0.025423729
## 4590	23.000000	82.00000	1814.564286	0.002325581
## 4591	0.000000	38.00000	1880.966667	0.003703704
## 4592	131.000000	36.00000	868.416667	0.000000000
## 4593	0.000000	106.00000	2980.889179	0.001851852
## 4594	0.000000	13.00000	893.216667	0.000000000
## 4595	0.000000	2.00000	139.000000	0.000000000
## 4596	0.000000	3.00000	26.000000	0.066666667
## 4597	0.000000	9.00000	1331.000000	0.022222222
## 4598	0.000000	5.00000	64.500000	0.000000000
## 4599	0.000000	148.00000	4010.064286	0.017088608
## 4600	0.000000	32.00000	2759.633333	0.027083333
## 4601	0.000000	8.00000	215.000000	0.062500000
## 4602	0.000000	8.00000	72.500000	0.025000000
## 4603	0.000000	31.00000	2543.500000	0.000000000
## 4604	0.000000	3.00000	16.000000	0.000000000
## 4605	236.000000	28.00000	1246.124103	0.006666667
## 4606	0.000000	20.00000	850.035714	0.025000000
## 4607	0.000000	30.00000	849.750000	0.077419355
## 4608	0.000000	28.00000	385.500000	0.087356322
## 4609	0.000000	440.00000	9951.869139	0.001850220
## 4610	0.000000	22.00000	584.500000	0.009090909
## 4611	0.000000	10.00000	1038.333333	0.000000000
## 4612	0.000000	19.00000	741.833333	0.000000000
## 4613	0.000000	15.00000	253.554167	0.000000000
## 4614	0.000000	15.00000	537.200000	0.011764706
## 4615	17.000000	29.00000	1514.600000	0.022222222
## 4616	153.500000	156.00000	3899.001328	0.000170068
## 4617	0.000000	54.00000	2008.807143	0.014423077
## 4618	0.000000	9.00000	117.000000	0.000000000
## 4619	0.000000	59.00000	1889.700000	0.005747126
## 4620	0.000000	6.00000	106.000000	0.040000000
## 4621	0.000000	19.00000	725.333333	0.010526316

## 4622	0.000000	19.00000	501.766667	0.000000000
## 4623	51.000000	33.00000	814.500000	0.006060606
## 4624	515.000000	4.00000	718.666667	0.000000000
## 4625	0.000000	4.00000	25.000000	0.000000000
## 4626	0.000000	16.00000	450.833333	0.043750000
## 4627	0.000000	3.00000	0.000000	0.200000000
## 4628	0.000000	61.00000	867.464286	0.000585938
## 4629	0.000000	13.00000	813.800000	0.000000000
## 4630	4.000000	46.00000	1203.083333	0.066226415
## 4631	0.000000	15.00000	484.000000	0.000000000
## 4632	116.000000	26.00000	595.341667	0.026728111
## 4633	0.000000	62.00000	969.150000	0.001092896
## 4634	0.000000	23.00000	790.166667	0.000000000
## 4635	22.500000	108.00000	4033.471998	0.007402653
## 4636	0.000000	14.00000	460.000000	0.000000000
## 4637	47.000000	39.00000	1167.966667	0.005853659
## 4638	0.000000	24.00000	409.303030	0.008333333
## 4639	0.000000	19.00000	232.566667	0.000000000
## 4640	0.000000	58.00000	1645.966667	0.014285714
## 4641	0.000000	22.00000	428.450000	0.004545455
## 4642	0.000000	40.00000	2872.916667	0.000000000
## 4643	0.000000	4.00000	100.500000	0.000000000
## 4644	0.000000	52.00000	1622.433333	0.006410256
## 4645	2.000000	16.00000	589.666667	0.000000000
## 4646	0.000000	24.00000	841.166667	0.008333333
## 4647	6.000000	1.00000	25.000000	0.000000000
## 4648	0.000000	60.00000	1147.615584	0.004285714
## 4649	104.000000	42.00000	2724.008983	0.006500000
## 4650	0.000000	16.00000	973.500000	0.025000000
## 4651	0.000000	16.00000	252.000000	0.000000000
## 4652	0.000000	3.00000	76.500000	0.040000000
## 4653	0.000000	20.00000	248.416667	0.010526316
## 4654	5.000000	66.00000	2537.450000	0.003956044
## 4655	0.000000	77.00000	3733.228571	0.018666667
## 4656	0.000000	22.00000	598.250000	0.000000000
## 4657	0.000000	13.00000	161.166667	0.024615385
## 4658	0.000000	4.00000	33.000000	0.050000000
## 4659	89.000000	6.00000	154.500000	0.000000000
## 4660	0.000000	27.00000	1474.233333	0.013333333
## 4661	0.000000	14.00000	116.833333	0.064285714
## 4662	0.000000	12.00000	2054.333333	0.000000000
## 4663	17.000000	7.00000	258.000000	0.000000000
## 4664	0.000000	5.00000	476.000000	0.013333333
## 4665	0.000000	13.00000	283.500000	0.000000000
## 4666	0.000000	18.00000	1217.850000	0.000000000
## 4667	0.000000	14.00000	625.000000	0.000000000
## 4668	0.000000	5.00000	217.000000	0.000000000
## 4669	0.000000	14.00000	167.500000	0.081250000
## 4670	0.000000	6.00000	24.000000	0.133333333
## 4671	0.000000	11.00000	1760.000000	0.036363636
## 4672	0.000000	5.00000	14.000000	0.120000000
## 4673	0.000000	8.00000	358.000000	0.050000000
## 4674	0.000000	14.00000	244.000000	0.004761905
## 4675	0.000000	31.00000	1470.416667	0.000000000

## 4676	0.000000	4.00000	101.000000 0.000000000
## 4677	0.000000	51.00000	4522.409524 0.015757576
## 4678	0.000000	10.00000	72.500000 0.080000000
## 4679	0.000000	46.00000	1804.900000 0.017730496
## 4680	0.000000	6.00000	63.500000 0.000000000
## 4681	0.000000	34.00000	887.666667 0.000000000
## 4682	0.000000	40.00000	1411.833333 0.000000000
## 4683	0.000000	34.00000	2240.166667 0.013541667
## 4684	13.000000	37.00000	3618.016667 0.002000000
## 4685	0.000000	22.00000	1245.600000 0.008695652
## 4686	36.000000	70.00000	1675.525366 0.018181818
## 4687	0.000000	11.00000	220.966667 0.020512821
## 4688	0.000000	11.00000	959.000000 0.000000000
## 4689	0.000000	16.00000	278.914286 0.007142857
## 4690	0.000000	8.00000	110.000000 0.000000000
## 4691	0.000000	6.00000	203.000000 0.100000000
## 4692	0.000000	5.00000	82.000000 0.040000000
## 4693	35.000000	21.00000	458.700000 0.016666667
## 4694	13.000000	23.00000	759.666667 0.013043478
## 4695	146.000000	26.00000	1740.450000 0.016666667
## 4696	72.000000	13.00000	462.000000 0.000000000
## 4697	0.000000	8.00000	603.000000 0.014285714
## 4698	43.000000	25.00000	1053.080952 0.000000000
## 4699	0.000000	75.00000	1289.250000 0.005479452
## 4700	7.000000	11.00000	192.750000 0.000000000
## 4701	0.000000	27.00000	463.833333 0.040740741
## 4702	0.000000	18.00000	224.500000 0.037500000
## 4703	0.000000	17.00000	697.516667 0.000000000
## 4704	474.500000	46.00000	1431.333333 0.003703704
## 4705	0.000000	18.00000	754.916667 0.000000000
## 4706	0.000000	5.00000	161.500000 0.000000000
## 4707	0.000000	6.00000	134.000000 0.066666667
## 4708	0.000000	4.00000	880.000000 0.000000000
## 4709	0.000000	31.00000	1539.791667 0.000000000
## 4710	0.000000	31.00000	945.666667 0.006896552
## 4711	0.000000	8.00000	323.500000 0.000000000
## 4712	0.000000	59.00000	1261.166667 0.035380117
## 4713	391.000000	61.00000	1037.807143 0.003174603
## 4714	0.000000	2.00000	14.000000 0.000000000
## 4715	370.875000	22.00000	526.028138 0.032142857
## 4716	0.000000	39.00000	659.935714 0.000000000
## 4717	0.000000	8.00000	139.000000 0.000000000
## 4718	0.000000	26.00000	419.352381 0.007692308
## 4719	0.000000	28.00000	1265.750000 0.000000000
## 4720	0.000000	3.00000	91.000000 0.066666667
## 4721	0.000000	67.00000	2421.060623 0.000000000
## 4722	0.000000	6.00000	1180.500000 0.000000000
## 4723	0.000000	181.00000	4079.530461 0.013821990
## 4724	25.000000	8.00000	388.000000 0.025000000
## 4725	0.000000	10.00000	428.666667 0.000000000
## 4726	0.000000	27.00000	759.085714 0.000000000
## 4727	0.000000	4.00000	1440.000000 0.000000000
## 4728	0.000000	116.00000	4426.650649 0.000000000
## 4729	0.000000	28.00000	160.000000 0.000000000

## 4730	0.000000	53.00000	861.333333	0.003636364
## 4731	0.000000	10.00000	109.000000	0.036363636
## 4732	0.000000	8.00000	129.000000	0.033333333
## 4733	0.000000	23.00000	619.500000	0.008333333
## 4734	-1.000000	1.00000	-1.000000	0.200000000
## 4735	0.000000	19.00000	806.833333	0.000000000
## 4736	0.000000	29.00000	1131.315476	0.021428571
## 4737	0.000000	29.00000	1816.427273	0.011458333
## 4738	0.000000	24.00000	566.727273	0.026086957
## 4739	0.000000	19.00000	468.833333	0.046296296
## 4740	0.000000	10.00000	647.666667	0.016666667
## 4741	0.000000	2.00000	59.000000	0.000000000
## 4742	0.000000	55.00000	1247.357143	0.001886792
## 4743	0.000000	18.00000	443.000000	0.000000000
## 4744	0.000000	19.00000	407.833333	0.000000000
## 4745	0.000000	9.00000	95.300000	0.000000000
## 4746	0.000000	7.00000	92.500000	0.088888889
## 4747	0.000000	3.00000	258.000000	0.000000000
## 4748	100.000000	13.00000	364.350000	0.000000000
## 4749	0.000000	40.00000	4175.750000	0.048333333
## 4750	0.000000	9.00000	326.000000	0.000000000
## 4751	489.600000	40.00000	1190.400000	0.000000000
## 4752	0.000000	21.00000	830.000000	0.052380952
## 4753	0.000000	5.00000	99.666667	0.000000000
## 4754	0.000000	102.00000	5978.180357	0.004692308
## 4755	95.000000	95.00000	2411.789279	0.000000000
## 4756	0.000000	9.00000	165.000000	0.000000000
## 4757	0.000000	10.00000	111.416667	0.000000000
## 4758	0.000000	10.00000	377.500000	0.020000000
## 4759	0.000000	13.00000	190.250000	0.030769231
## 4760	101.000000	7.00000	208.500000	0.000000000
## 4761	0.000000	14.00000	1225.000000	0.015384615
## 4762	0.000000	46.00000	4681.894444	0.008000000
## 4763	0.000000	4.00000	107.000000	0.000000000
## 4764	0.000000	11.00000	161.000000	0.000000000
## 4765	0.000000	20.00000	645.709524	0.010526316
## 4766	57.000000	11.00000	252.892857	0.000000000
## 4767	0.000000	42.00000	1722.500000	0.000000000
## 4768	0.000000	5.00000	35.666667	0.080000000
## 4769	0.000000	24.00000	460.450000	0.016666667
## 4770	0.000000	29.00000	778.358333	0.013793103
## 4771	10.000000	17.00000	713.333333	0.000000000
## 4772	0.000000	7.00000	67.333333	0.100000000
## 4773	0.000000	27.00000	392.466667	0.000000000
## 4774	7.000000	23.00000	198.884849	0.000000000
## 4775	0.000000	70.00000	961.549351	0.005263158
## 4776	0.000000	29.00000	1155.500000	0.058620690
## 4777	0.000000	4.00000	93.500000	0.000000000
## 4778	0.000000	25.00000	575.000000	0.006666667
## 4779	0.000000	45.00000	881.741270	0.000531915
## 4780	0.000000	53.00000	1511.195238	0.005454545
## 4781	0.000000	1.00000	0.000000	0.200000000
## 4782	0.000000	13.00000	473.500000	0.015384615
## 4783	0.000000	3.00000	400.666667	0.000000000

## 4784	84.000000	15.00000	674.247619	0.008695652
## 4785	0.000000	20.00000	723.250000	0.036363636
## 4786	0.000000	8.00000	211.000000	0.000000000
## 4787	0.000000	11.00000	976.000000	0.000000000
## 4788	7.000000	24.00000	551.666667	0.008333333
## 4789	0.000000	2.00000	27.000000	0.000000000
## 4790	0.000000	14.00000	446.833333	0.000000000
## 4791	36.000000	24.00000	914.506061	0.015384615
## 4792	0.000000	14.00000	108.000000	0.000000000
## 4793	0.000000	50.00000	549.916667	0.000000000
## 4794	0.000000	31.00000	1383.166667	0.030107527
## 4795	0.000000	1.00000	0.000000	0.200000000
## 4796	0.000000	1.00000	0.000000	0.200000000
## 4797	0.000000	41.00000	1271.333333	0.029268293
## 4798	0.000000	4.00000	31.000000	0.100000000
## 4799	92.500000	9.00000	359.166667	0.000000000
## 4800	0.000000	2.00000	26.000000	0.013333333
## 4801	157.000000	36.00000	3010.532051	0.000000000
## 4802	0.000000	7.00000	243.000000	0.057142857
## 4803	0.000000	128.00000	5287.233333	0.017187500
## 4804	86.000000	23.00000	237.095238	0.000000000
## 4805	75.666667	50.00000	2387.435714	0.019393939
## 4806	0.000000	30.00000	860.316667	0.000000000
## 4807	0.000000	9.00000	148.333333	0.040000000
## 4808	0.000000	52.00000	1089.642857	0.003508772
## 4809	0.000000	25.00000	1229.250000	0.025333333
## 4810	0.000000	2.00000	21.000000	0.000000000
## 4811	0.000000	103.00000	1934.992857	0.029901961
## 4812	0.000000	13.00000	242.000000	0.000000000
## 4813	0.000000	3.00000	110.000000	0.000000000
## 4814	0.000000	39.00000	1905.152381	0.005000000
## 4815	0.000000	5.00000	223.000000	0.000000000
## 4816	85.000000	2.00000	35.500000	0.000000000
## 4817	92.000000	15.00000	463.000000	0.036363636
## 4818	0.000000	14.00000	148.000000	0.064285714
## 4819	0.000000	6.00000	202.000000	0.000000000
## 4820	0.000000	1.00000	0.000000	0.200000000
## 4821	0.000000	16.00000	733.252381	0.000000000
## 4822	18.000000	28.00000	1559.650000	0.012500000
## 4823	0.000000	13.00000	208.833333	0.030769231
## 4824	0.000000	21.00000	204.166667	0.028571429
## 4825	0.000000	25.00000	434.671429	0.000000000
## 4826	0.000000	13.00000	229.500000	0.000000000
## 4827	5.000000	10.00000	649.500000	0.000000000
## 4828	0.000000	12.00000	2052.833333	0.016666667
## 4829	0.000000	1.00000	0.000000	0.200000000
## 4830	1439.000000	19.00000	1119.716667	0.000000000
## 4831	0.000000	27.00000	1192.226190	0.000000000
## 4832	31.000000	13.00000	292.000000	0.000000000
## 4833	9.000000	10.00000	491.000000	0.000000000
## 4834	0.000000	45.00000	3141.258333	0.021739130
## 4835	64.000000	67.00000	1222.470924	0.014414414
## 4836	72.500000	80.00000	1552.504762	0.002247191
## 4837	0.000000	42.00000	922.208333	0.000000000

## 4838	0.000000	2.00000	12.000000	0.000000000
## 4839	0.000000	17.00000	831.388889	0.033333333
## 4840	0.000000	32.00000	593.507143	0.000000000
## 4841	0.000000	4.00000	67.500000	0.000000000
## 4842	0.000000	4.00000	29.000000	0.100000000
## 4843	0.000000	39.00000	964.070513	0.020512821
## 4844	0.000000	16.00000	421.250000	0.000000000
## 4845	0.000000	5.00000	180.500000	0.040000000
## 4846	0.000000	38.00000	1633.833333	0.000000000
## 4847	-1.000000	1.00000	-1.000000	0.200000000
## 4848	0.000000	3.00000	62.000000	0.000000000
## 4849	0.000000	31.00000	2581.208333	0.025000000
## 4850	0.000000	36.00000	513.400000	0.004166667
## 4851	0.000000	10.00000	221.000000	0.100000000
## 4852	243.000000	25.00000	1971.194444	0.007142857
## 4853	0.000000	2.00000	247.000000	0.000000000
## 4854	0.000000	50.00000	1911.333333	0.004000000
## 4855	0.000000	83.00000	3025.283333	0.000000000
## 4856	0.000000	7.00000	48.000000	0.114285714
## 4857	0.000000	3.00000	47.500000	0.000000000
## 4858	0.000000	2.00000	0.000000	0.200000000
## 4859	0.000000	29.00000	1846.635470	0.006896552
## 4860	0.000000	41.00000	1955.783333	0.000000000
## 4861	0.000000	6.00000	62.000000	0.133333333
## 4862	0.000000	41.00000	634.666667	0.012698413
## 4863	0.000000	6.00000	162.500000	0.000000000
## 4864	0.000000	28.00000	724.066667	0.007407407
## 4865	3.000000	115.00000	8388.316083	0.012525010
## 4866	0.000000	4.00000	247.000000	0.000000000
## 4867	0.000000	4.00000	28.000000	0.000000000
## 4868	315.000000	63.00000	2162.224767	0.009230769
## 4869	529.700000	178.00000	4339.534423	0.003939056
## 4870	0.000000	10.00000	148.500000	0.090000000
## 4871	0.000000	14.00000	416.833333	0.000000000
## 4872	0.000000	16.00000	213.366667	0.037500000
## 4873	0.000000	11.00000	440.000000	0.000000000
## 4874	0.000000	46.00000	1107.666667	0.005925926
## 4875	0.000000	36.00000	1851.833333	0.008333333
## 4876	28.000000	19.00000	1120.266667	0.021052632
## 4877	0.000000	16.00000	1215.766667	0.000000000
## 4878	38.000000	10.00000	311.000000	0.018181818
## 4879	0.000000	48.00000	2562.083333	0.004255319
## 4880	0.000000	39.00000	2827.428571	0.000000000
## 4881	135.500000	69.00000	3596.933967	0.004761905
## 4882	503.250000	61.00000	1880.271429	0.000000000
## 4883	0.000000	5.00000	249.000000	0.000000000
## 4884	39.000000	4.00000	45.333333	0.000000000
## 4885	725.500000	101.00000	4713.800000	0.009444444
## 4886	0.000000	4.00000	0.000000	0.200000000
## 4887	0.000000	106.00000	1974.702597	0.001886792
## 4888	0.000000	3.00000	23.000000	0.066666667
## 4889	0.000000	25.00000	960.000000	0.016000000
## 4890	0.000000	31.00000	1189.333333	0.000000000
## 4891	0.000000	63.00000	1021.000000	0.026562500

## 4892	0.000000	48.00000	970.419264 0.008571429
## 4893	0.000000	11.00000	507.333333 0.000000000
## 4894	0.000000	14.00000	203.000000 0.000000000
## 4895	13.000000	42.00000	1356.457359 0.036601307
## 4896	0.000000	2.00000	5.000000 0.000000000
## 4897	0.000000	46.00000	2308.261905 0.000000000
## 4898	14.000000	37.00000	935.557143 0.000000000
## 4899	0.000000	7.00000	88.750000 0.013333333
## 4900	58.500000	33.00000	1847.211905 0.000000000
## 4901	0.000000	15.00000	216.000000 0.023809524
## 4902	0.000000	8.00000	119.000000 0.075000000
## 4903	0.000000	22.00000	420.200000 0.008695652
## 4904	0.000000	4.00000	47.000000 0.100000000
## 4905	0.000000	5.00000	109.500000 0.080000000
## 4906	23.000000	52.00000	4167.488095 0.009615385
## 4907	36.000000	23.00000	660.404762 0.016000000
## 4908	0.000000	25.00000	375.661905 0.004000000
## 4909	38.000000	46.00000	1060.451515 0.004444444
## 4910	0.000000	3.00000	17.000000 0.100000000
## 4911	0.000000	7.00000	180.000000 0.000000000
## 4912	0.000000	9.00000	113.000000 0.066666667
## 4913	0.000000	43.00000	875.000000 0.000000000
## 4914	0.000000	15.00000	1269.500000 0.014285714
## 4915	0.000000	20.00000	2280.833333 0.010000000
## 4916	0.000000	2.00000	11.000000 0.000000000
## 4917	0.000000	66.00000	2582.696970 0.003030303
## 4918	18.000000	9.00000	548.000000 0.000000000
## 4919	0.000000	21.00000	2046.500000 0.016000000
## 4920	0.000000	14.00000	2530.500000 0.014285714
## 4921	0.000000	3.00000	31.000000 0.066666667
## 4922	55.000000	41.00000	1705.041667 0.004545455
## 4923	0.000000	3.00000	71.000000 0.100000000
## 4924	869.000000	42.00000	2066.927778 0.017391304
## 4925	262.750000	12.00000	350.425397 0.002614379
## 4926	0.000000	3.00000	344.500000 0.000000000
## 4927	0.000000	9.00000	160.500000 0.000000000
## 4928	0.000000	30.00000	586.533333 0.000000000
## 4929	0.000000	35.00000	1557.166667 0.005555556
## 4930	23.500000	56.00000	2915.166667 0.000000000
## 4931	0.000000	4.00000	100.166667 0.000000000
## 4932	0.000000	6.00000	77.000000 0.000000000
## 4933	0.000000	15.00000	421.500000 0.000000000
## 4934	0.000000	70.00000	1453.900000 0.010144928
## 4935	0.000000	12.00000	408.500000 0.000000000
## 4936	0.000000	24.00000	1244.066667 0.008000000
## 4937	0.000000	49.00000	837.416667 0.000000000
## 4938	0.000000	12.00000	454.226190 0.011764706
## 4939	0.000000	1.00000	0.000000 0.200000000
## 4940	0.000000	27.00000	1753.583333 0.000000000
## 4941	393.325000	34.00000	1352.816503 0.009406495
## 4942	0.000000	6.00000	332.000000 0.000000000
## 4943	0.000000	26.00000	1380.833333 0.000000000
## 4944	0.000000	23.00000	684.500000 0.021739130
## 4945	103.166667	21.00000	1586.333333 0.016666667

## 4946	0.000000	15.00000	575.666667	0.043333333
## 4947	0.000000	1.00000	0.000000	0.200000000
## 4948	0.000000	14.00000	1319.833333	0.000000000
## 4949	0.000000	21.00000	979.016667	0.000000000
## 4950	32.000000	11.00000	948.000000	0.013333333
## 4951	0.000000	16.00000	315.250000	0.000000000
## 4952	0.000000	11.00000	549.333333	0.000000000
## 4953	0.000000	7.00000	304.333333	0.000000000
## 4954	19.000000	49.00000	1527.583333	0.007843137
## 4955	0.000000	8.00000	856.416667	0.000000000
## 4956	24.000000	15.00000	1075.500000	0.000000000
## 4957	0.000000	9.00000	368.500000	0.000000000
## 4958	0.000000	3.00000	12.000000	0.066666667
## 4959	263.666667	41.00000	1919.245230	0.014875647
## 4960	0.000000	154.00000	4712.769322	0.001282051
## 4961	0.000000	11.00000	482.666667	0.000000000
## 4962	0.000000	59.00000	2012.900794	0.001538462
## 4963	7.000000	49.00000	1714.868651	0.013711002
## 4964	0.000000	16.00000	650.833333	0.000000000
## 4965	0.000000	26.00000	781.500000	0.007692308
## 4966	0.000000	17.00000	665.984848	0.000000000
## 4967	71.000000	16.00000	244.000000	0.000000000
## 4968	0.000000	24.00000	255.322222	0.025000000
## 4969	0.000000	70.00000	2083.300000	0.000980392
## 4970	17.000000	80.00000	1143.371078	0.002463054
## 4971	27.000000	18.00000	630.871912	0.000000000
## 4972	62.333333	34.00000	1122.272727	0.047222222
## 4973	0.000000	4.00000	111.666667	0.000000000
## 4974	0.000000	37.00000	821.333333	0.000000000
## 4975	0.000000	184.00000	7706.546429	0.002083333
## 4976	0.000000	5.00000	626.000000	0.000000000
## 4977	0.000000	5.00000	47.000000	0.000000000
## 4978	0.000000	17.00000	857.000000	0.023529412
## 4979	0.000000	3.00000	44.000000	0.066666667
## 4980	0.000000	66.00000	1859.500000	0.005128205
## 4981	61.500000	36.00000	625.308112	0.011627907
## 4982	0.000000	73.00000	1209.761905	0.002816901
## 4983	0.000000	19.00000	801.583333	0.010526316
## 4984	0.000000	27.00000	1115.750000	0.015384615
## 4985	144.000000	15.00000	280.083333	0.010526316
## 4986	0.000000	9.00000	260.300000	0.000000000
## 4987	0.000000	12.00000	1562.000000	0.023000000
## 4988	82.000000	93.00000	3148.173939	0.021875000
## 4989	0.000000	21.00000	464.583333	0.000000000
## 4990	0.000000	14.00000	310.000000	0.028571429
## 4991	0.000000	12.00000	1287.000000	0.000000000
## 4992	0.000000	15.00000	153.000000	0.000000000
## 4993	0.000000	41.00000	881.166667	0.009756098
## 4994	0.000000	2.00000	247.000000	0.000000000
## 4995	0.000000	26.00000	601.768182	0.000000000
## 4996	5.000000	116.00000	3364.191667	0.014957265
## 4997	0.000000	13.00000	490.083333	0.000000000
## 4998	0.000000	5.00000	87.000000	0.040000000
## 4999	0.000000	6.00000	954.500000	0.000000000

## 5000	0.000000	2.00000	22.000000	0.000000000
## 5001	0.000000	43.00000	3283.722222	0.009302326
## 5002	0.000000	29.00000	1412.500000	0.007142857
## 5003	0.000000	9.00000	113.000000	0.022222222
## 5004	8.000000	59.00000	1828.774603	0.003874092
## 5005	0.000000	24.00000	1381.733333	0.031481481
## 5006	0.000000	9.00000	890.000000	0.044444444
## 5007	0.000000	39.00000	1183.500000	0.012820513
## 5008	113.000000	14.00000	536.035714	0.000000000
## 5009	0.000000	45.00000	547.500000	0.033469388
## 5010	0.000000	88.00000	1917.683333	0.003409091
## 5011	37.400000	23.00000	1146.500000	0.015384615
## 5012	0.000000	36.00000	2362.500000	0.000000000
## 5013	0.000000	10.00000	393.000000	0.020000000
## 5014	0.000000	26.00000	730.533333	0.011538462
## 5015	0.000000	6.00000	1563.000000	0.000000000
## 5016	24.000000	9.00000	717.000000	0.020000000
## 5017	163.000000	36.00000	2928.777778	0.002631579
## 5018	0.000000	21.00000	884.333333	0.000000000
## 5019	0.000000	28.00000	606.416667	0.027619048
## 5020	0.000000	9.00000	261.700000	0.000000000
## 5021	0.000000	16.00000	431.500000	0.056250000
## 5022	0.000000	14.00000	184.833333	0.000000000
## 5023	0.000000	41.00000	1135.860714	0.000000000
## 5024	-1.000000	1.00000	-1.000000	0.200000000
## 5025	-1.000000	1.00000	-1.000000	0.200000000
## 5026	0.000000	2.00000	69.000000	0.000000000
## 5027	0.000000	24.00000	272.000000	0.056000000
## 5028	0.000000	44.00000	815.475000	0.000000000
## 5029	7.000000	24.00000	678.000000	0.000000000
## 5030	0.000000	3.00000	38.000000	0.066666667
## 5031	0.000000	29.00000	2351.050000	0.005555556
## 5032	0.000000	44.00000	2588.500000	0.019047619
## 5033	0.000000	15.00000	463.333333	0.035714286
## 5034	0.000000	19.00000	1383.191667	0.010000000
## 5035	0.000000	6.00000	106.500000	0.000000000
## 5036	-1.000000	1.00000	-1.000000	0.200000000
## 5037	0.000000	7.00000	950.000000	0.018750000
## 5038	0.000000	11.00000	0.000000	0.200000000
## 5039	0.000000	34.00000	877.666667	0.020202020
## 5040	0.000000	129.00000	5883.040509	0.003076923
## 5041	0.000000	61.00000	4501.433700	0.015000000
## 5042	0.000000	68.00000	3357.340476	0.018137255
## 5043	0.000000	36.00000	943.619048	0.031944444
## 5044	0.000000	51.00000	1056.616667	0.016734694
## 5045	0.000000	21.00000	406.800000	0.000000000
## 5046	0.000000	6.00000	48.333333	0.011111111
## 5047	0.000000	4.00000	99.000000	0.000000000
## 5048	0.000000	7.00000	148.166667	0.000000000
## 5049	0.000000	3.00000	96.000000	0.000000000
## 5050	0.000000	71.00000	1799.833333	0.016901408
## 5051	0.000000	25.00000	1189.458333	0.000000000
## 5052	-1.000000	1.00000	-1.000000	0.000000000
## 5053	0.000000	22.00000	815.833333	0.000000000

## 5054	0.000000	43.00000	703.833333	0.000000000
## 5055	0.000000	31.00000	1066.000000	0.000000000
## 5056	0.000000	52.00000	1630.972222	0.012000000
## 5057	0.000000	12.00000	86.500000	0.076923077
## 5058	68.000000	57.00000	2660.245238	0.000847458
## 5059	0.000000	14.00000	924.000000	0.014285714
## 5060	178.000000	5.00000	121.500000	0.000000000
## 5061	0.000000	4.00000	117.000000	0.150000000
## 5062	0.000000	1.00000	0.000000	0.200000000
## 5063	0.000000	29.00000	1183.233333	0.013793103
## 5064	0.000000	4.00000	129.000000	0.000000000
## 5065	0.000000	1.00000	0.000000	0.200000000
## 5066	0.000000	1.00000	0.000000	0.200000000
## 5067	0.000000	35.00000	1712.833333	0.000000000
## 5068	96.333333	46.00000	1041.316345	0.000571429
## 5069	0.000000	32.00000	814.607143	0.000000000
## 5070	0.000000	15.00000	269.750000	0.000000000
## 5071	0.000000	19.00000	725.900000	0.000000000
## 5072	0.000000	85.00000	768.500000	0.000000000
## 5073	0.000000	66.00000	2506.333333	0.015277778
## 5074	37.000000	61.00000	683.173809	0.000000000
## 5075	0.000000	1.00000	0.000000	0.200000000
## 5076	0.000000	36.00000	1445.600000	0.005714286
## 5077	0.000000	21.00000	1853.535714	0.000000000
## 5078	0.000000	113.00000	2216.668320	0.005357143
## 5079	10.000000	2.00000	73.000000	0.000000000
## 5080	2050.433333	705.00000	43171.233380	0.004851285
## 5081	0.000000	134.00000	6897.942424	0.002985075
## 5082	0.000000	57.00000	1718.500000	0.039766082
## 5083	0.000000	2.00000	0.000000	0.200000000
## 5084	0.000000	4.00000	352.000000	0.100000000
## 5085	0.000000	2.00000	404.000000	0.000000000
## 5086	241.000000	4.00000	43.500000	0.050000000
## 5087	101.000000	56.00000	1086.074242	0.010526316
## 5088	0.000000	8.00000	254.000000	0.000000000
## 5089	0.000000	128.00000	1799.144235	0.009237379
## 5090	377.000000	6.00000	117.500000	0.045454545
## 5091	0.000000	2.00000	0.000000	0.200000000
## 5092	0.000000	4.00000	26.000000	0.050000000
## 5093	0.000000	2.00000	19.000000	0.000000000
## 5094	0.000000	56.00000	2075.983333	0.000000000
## 5095	0.000000	7.00000	1859.500000	0.000000000
## 5096	0.000000	27.00000	187.000000	0.000000000
## 5097	0.000000	29.00000	830.933333	0.035555556
## 5098	0.000000	4.00000	21.000000	0.100000000
## 5099	0.000000	12.00000	582.500000	0.000000000
## 5100	0.000000	42.00000	1288.066667	0.000000000
## 5101	0.000000	16.00000	230.100000	0.000000000
## 5102	0.000000	34.00000	1384.972222	0.005263158
## 5103	0.000000	1.00000	0.000000	0.200000000
## 5104	0.000000	19.00000	809.166667	0.031578947
## 5105	0.000000	9.00000	145.000000	0.066666667
## 5106	373.500000	15.00000	176.500000	0.048000000
## 5107	0.000000	7.00000	355.666667	0.000000000

## 5108	0.000000	122.00000	1945.321429	0.018032787
## 5109	0.000000	27.00000	589.573810	0.007407407
## 5110	0.000000	72.00000	1243.808820	0.000675676
## 5111	0.000000	26.00000	572.880952	0.000000000
## 5112	33.000000	21.00000	1277.833333	0.008695652
## 5113	0.000000	17.00000	347.547619	0.024242424
## 5114	55.500000	23.00000	1100.125000	0.000000000
## 5115	0.000000	19.00000	473.000000	0.000000000
## 5116	72.000000	22.00000	680.000000	0.000000000
## 5117	31.000000	24.00000	533.500000	0.000000000
## 5118	0.000000	35.00000	539.000000	0.005555556
## 5119	0.000000	14.00000	340.000000	0.000000000
## 5120	0.000000	49.00000	1747.125000	0.027659574
## 5121	40.000000	79.00000	1594.972222	0.000000000
## 5122	0.000000	19.00000	1227.000000	0.000000000
## 5123	1005.000000	62.00000	2450.435809	0.003125000
## 5124	0.000000	22.00000	683.052489	0.020000000
## 5125	0.000000	8.00000	392.400000	0.000000000
## 5126	0.000000	10.00000	332.750000	0.000000000
## 5127	0.000000	4.00000	68.000000	0.000000000
## 5128	0.000000	20.00000	379.416667	0.002857143
## 5129	23.000000	26.00000	2259.550000	0.001960784
## 5130	0.000000	9.00000	193.666667	0.007407407
## 5131	0.000000	36.00000	862.573810	0.002857143
## 5132	0.000000	47.00000	1580.833333	0.000000000
## 5133	94.000000	39.00000	1603.500000	0.005000000
## 5134	23.000000	19.00000	1323.250000	0.007692308
## 5135	0.000000	2.00000	0.000000	0.200000000
## 5136	0.000000	4.00000	46.000000	0.000000000
## 5137	0.000000	12.00000	580.500000	0.020000000
## 5138	0.000000	3.00000	63.000000	0.000000000
## 5139	172.000000	32.00000	1227.047222	0.005882353
## 5140	0.000000	33.00000	777.366667	0.006451613
## 5141	219.000000	22.00000	924.000000	0.007142857
## 5142	0.000000	17.00000	300.666667	0.000000000
## 5143	261.000000	97.00000	1871.788041	0.002252252
## 5144	0.000000	12.00000	193.750000	0.008888889
## 5145	0.000000	19.00000	1007.900000	0.000000000
## 5146	41.000000	45.00000	1754.000000	0.000000000
## 5147	28.000000	12.00000	276.000000	0.000000000
## 5148	48.000000	34.00000	2141.400000	0.005405405
## 5149	0.000000	35.00000	1742.883333	0.011428571
## 5150	0.000000	11.00000	216.000000	0.018181818
## 5151	0.000000	8.00000	132.233333	0.000000000
## 5152	0.000000	11.00000	427.000000	0.014285714
## 5153	0.000000	7.00000	277.000000	0.000000000
## 5154	0.000000	8.00000	85.500000	0.075000000
## 5155	0.000000	8.00000	89.500000	0.150000000
## 5156	0.000000	8.00000	359.000000	0.000000000
## 5157	0.000000	16.00000	1061.000000	0.000000000
## 5158	0.000000	5.00000	274.000000	0.040000000
## 5159	0.000000	37.00000	987.500000	0.005555556
## 5160	0.000000	2.00000	0.000000	0.200000000
## 5161	0.000000	7.00000	415.500000	0.000000000

## 5162	0.000000	10.00000	326.666667	0.000000000
## 5163	86.000000	65.00000	1476.500000	0.040096618
## 5164	0.000000	18.00000	314.833333	0.000000000
## 5165	11.000000	92.00000	2710.570238	0.016842105
## 5166	0.000000	6.00000	64.333333	0.000000000
## 5167	0.000000	6.00000	486.000000	0.000000000
## 5168	18.000000	15.00000	1518.097619	0.000000000
## 5169	34.000000	22.00000	367.376191	0.000000000
## 5170	0.000000	30.00000	513.940476	0.000000000
## 5171	0.000000	42.00000	1349.250000	0.000000000
## 5172	0.000000	45.00000	848.205128	0.004347826
## 5173	0.000000	25.00000	375.600000	0.000000000
## 5174	0.000000	44.00000	724.316667	0.000000000
## 5175	0.000000	29.00000	957.666667	0.000000000
## 5176	83.000000	18.00000	511.500000	0.009523810
## 5177	187.000000	61.00000	776.413816	0.015104167
## 5178	0.000000	29.00000	605.672222	0.003448276
## 5179	0.000000	88.00000	2765.444444	0.000000000
## 5180	0.000000	26.00000	2351.700000	0.008000000
## 5181	0.000000	3.00000	1.000000	0.133333333
## 5182	0.000000	7.00000	116.500000	0.028571429
## 5183	0.000000	4.00000	1145.000000	0.050000000
## 5184	0.000000	39.00000	3413.833333	0.005128205
## 5185	0.000000	9.00000	536.000000	0.000000000
## 5186	16.500000	99.00000	3072.305403	0.001960784
## 5187	0.000000	21.00000	2179.666667	0.000000000
## 5188	302.000000	22.00000	382.490260	0.000000000
## 5189	0.000000	2.00000	0.000000	0.200000000
## 5190	0.000000	5.00000	112.000000	0.000000000
## 5191	29.000000	19.00000	1083.690476	0.016000000
## 5192	282.000000	18.00000	720.750000	0.000000000
## 5193	0.000000	20.00000	680.000000	0.020000000
## 5194	0.000000	13.00000	739.833333	0.007692308
## 5195	0.000000	1.00000	0.000000	0.200000000
## 5196	0.000000	1.00000	0.000000	0.200000000
## 5197	19.000000	11.00000	314.250000	0.000000000
## 5198	0.000000	2.00000	32.000000	0.000000000
## 5199	0.000000	26.00000	1066.666667	0.025000000
## 5200	0.000000	119.00000	4749.240385	0.015772358
## 5201	0.000000	23.00000	1046.916667	0.000000000
## 5202	0.000000	18.00000	1748.000000	0.047058824
## 5203	0.000000	3.00000	0.000000	0.200000000
## 5204	0.000000	10.00000	1331.000000	0.000000000
## 5205	0.000000	26.00000	549.550000	0.017241379
## 5206	0.000000	2.00000	7.000000	0.050000000
## 5207	0.000000	13.00000	734.000000	0.000000000
## 5208	0.000000	22.00000	662.666667	0.011363636
## 5209	0.000000	23.00000	383.000000	0.031818182
## 5210	0.000000	21.00000	327.266667	0.017391304
## 5211	0.000000	52.00000	2529.166667	0.014000000
## 5212	0.000000	42.00000	792.666667	0.000000000
## 5213	0.000000	4.00000	7.000000	0.100000000
## 5214	0.000000	1.00000	0.000000	0.200000000
## 5215	0.000000	8.00000	111.000000	0.100000000

## 5216	226.000000	19.00000	797.166667	0.000000000
## 5217	0.000000	17.00000	465.666667	0.000000000
## 5218	94.000000	21.00000	1449.000000	0.000000000
## 5219	0.000000	12.00000	234.000000	0.015384615
## 5220	0.000000	18.00000	376.500000	0.021052632
## 5221	0.000000	2.00000	121.000000	0.000000000
## 5222	15.000000	70.00000	2860.500000	0.009876543
## 5223	0.000000	15.00000	430.500000	0.000000000
## 5224	0.000000	11.00000	1066.000000	0.020000000
## 5225	0.000000	4.00000	107.000000	0.000000000
## 5226	0.000000	9.00000	462.500000	0.075000000
## 5227	0.000000	6.00000	132.000000	0.000000000
## 5228	0.000000	19.00000	172.111111	0.042105263
## 5229	0.000000	23.00000	195.666667	0.050000000
## 5230	0.000000	4.00000	992.000000	0.000000000
## 5231	0.000000	7.00000	63.000000	0.028571429
## 5232	0.000000	17.00000	526.833333	0.000000000
## 5233	0.000000	2.00000	73.000000	0.000000000
## 5234	0.000000	12.00000	417.000000	0.100000000
## 5235	0.000000	48.00000	1129.214286	0.008163265
## 5236	0.000000	11.00000	272.000000	0.000000000
## 5237	0.000000	26.00000	2676.000000	0.030769231
## 5238	0.000000	1.00000	68.000000	0.000000000
## 5239	0.000000	61.00000	3545.191270	0.008954009
## 5240	0.000000	17.00000	315.000000	0.004166667
## 5241	4.000000	59.00000	1702.369048	0.000781250
## 5242	0.000000	57.00000	2874.966667	0.003278689
## 5243	0.000000	6.00000	102.000000	0.000000000
## 5244	0.000000	27.00000	459.963636	0.007407407
## 5245	0.000000	22.00000	710.666667	0.000000000
## 5246	0.000000	1.00000	0.000000	0.200000000
## 5247	0.000000	38.00000	821.166667	0.021052632
## 5248	0.000000	3.00000	34.000000	0.000000000
## 5249	0.000000	2.00000	96.000000	0.000000000
## 5250	0.000000	28.00000	666.000000	0.000000000
## 5251	0.000000	3.00000	69.000000	0.000000000
## 5252	0.000000	26.00000	745.166667	0.000000000
## 5253	0.000000	14.00000	128.500000	0.071428571
## 5254	0.000000	3.00000	45.000000	0.000000000
## 5255	0.000000	9.00000	110.500000	0.000000000
## 5256	0.000000	74.00000	3615.889239	0.007028112
## 5257	11.000000	43.00000	2949.550000	0.015909091
## 5258	0.000000	27.00000	839.666667	0.021428571
## 5259	0.000000	5.00000	70.000000	0.040000000
## 5260	0.000000	16.00000	1432.500000	0.000000000
## 5261	99.500000	35.00000	1475.266667	0.006944444
## 5262	172.000000	58.00000	1341.261111	0.004597701
## 5263	0.000000	57.00000	1384.500000	0.010344828
## 5264	0.000000	38.00000	2101.733333	0.010526316
## 5265	0.000000	5.00000	156.000000	0.060000000
## 5266	0.000000	70.00000	2720.700000	0.017506494
## 5267	0.000000	9.00000	116.666667	0.000000000
## 5268	0.000000	118.00000	4541.925000	0.013114754
## 5269	0.000000	10.00000	355.000000	0.000000000

## 5270	0.000000	34.00000	1014.833333	0.011764706
## 5271	0.000000	24.00000	182.416667	0.000000000
## 5272	0.000000	6.00000	122.500000	0.011111111
## 5273	0.000000	3.00000	278.000000	0.000000000
## 5274	0.000000	5.00000	197.000000	0.000000000
## 5275	0.000000	30.00000	1906.476190	0.011494253
## 5276	0.000000	20.00000	819.271569	0.007972028
## 5277	0.000000	18.00000	328.321429	0.000000000
## 5278	0.000000	6.00000	34.333333	0.033333333
## 5279	0.000000	12.00000	70.000000	0.150000000
## 5280	0.000000	21.00000	436.812500	0.001904762
## 5281	110.000000	20.00000	402.333333	0.028571429
## 5282	0.000000	36.00000	1934.990476	0.042083333
## 5283	0.000000	36.00000	576.833333	0.000000000
## 5284	25.000000	81.00000	1421.668627	0.000000000
## 5285	0.000000	25.00000	934.366667	0.024000000
## 5286	0.000000	3.00000	277.500000	0.000000000
## 5287	0.000000	12.00000	751.500000	0.000000000
## 5288	0.000000	16.00000	195.500000	0.012500000
## 5289	0.000000	20.00000	918.083333	0.007500000
## 5290	0.000000	105.00000	4797.987915	0.005607477
## 5291	157.000000	45.00000	901.916667	0.007189542
## 5292	8.000000	36.00000	1093.154762	0.000000000
## 5293	0.000000	49.00000	2382.428571	0.022641509
## 5294	0.000000	1.00000	0.000000	0.200000000
## 5295	0.000000	38.00000	1417.666667	0.016117216
## 5296	194.500000	56.00000	1948.713745	0.001724138
## 5297	0.000000	25.00000	588.719048	0.000000000
## 5298	0.000000	37.00000	356.166667	0.002702703
## 5299	0.000000	1.00000	0.000000	0.200000000
## 5300	0.000000	5.00000	0.000000	0.200000000
## 5301	0.000000	3.00000	13.000000	0.066666667
## 5302	0.000000	50.00000	1156.384921	0.008000000
## 5303	202.500000	55.00000	1995.466667	0.003333333
## 5304	0.000000	8.00000	429.000000	0.000000000
## 5305	0.000000	51.00000	1424.866667	0.004081633
## 5306	0.000000	27.00000	444.100000	0.000000000
## 5307	0.000000	14.00000	333.900000	0.000000000
## 5308	0.000000	5.00000	22.000000	0.080000000
## 5309	0.000000	31.00000	558.333333	0.000000000
## 5310	0.000000	7.00000	94.333333	0.000000000
## 5311	0.000000	19.00000	760.250000	0.000000000
## 5312	0.000000	3.00000	189.000000	0.000000000
## 5313	0.000000	25.00000	981.000000	0.024000000
## 5314	0.000000	10.00000	123.000000	0.000000000
## 5315	0.000000	25.00000	773.559524	0.000000000
## 5316	0.000000	29.00000	944.916667	0.000000000
## 5317	0.000000	7.00000	155.000000	0.066666667
## 5318	0.000000	11.00000	418.000000	0.000000000
## 5319	34.000000	57.00000	1092.364286	0.000000000
## 5320	0.000000	19.00000	485.083333	0.000000000
## 5321	0.000000	27.00000	672.583333	0.012500000
## 5322	0.000000	7.00000	151.500000	0.000000000
## 5323	214.166667	39.00000	1022.474026	0.000833333

## 5324	0.000000	11.00000	765.166667	0.000000000
## 5325	0.000000	48.00000	2235.000000	0.004347826
## 5326	48.000000	9.00000	259.500000	0.000000000
## 5327	0.000000	24.00000	324.000000	0.104166667
## 5328	0.000000	4.00000	48.000000	0.050000000
## 5329	0.000000	48.00000	2207.833333	0.001041667
## 5330	0.000000	18.00000	512.833333	0.021052632
## 5331	0.000000	176.00000	4126.353297	0.001363636
## 5332	0.000000	19.00000	837.366667	0.021052632
## 5333	0.000000	8.00000	72.000000	0.025000000
## 5334	61.000000	68.00000	1986.251515	0.000000000
## 5335	0.000000	72.00000	2347.716667	0.028169014
## 5336	0.000000	4.00000	13.000000	0.133333333
## 5337	0.000000	17.00000	287.500000	0.066666667
## 5338	0.000000	10.00000	497.100000	0.000000000
## 5339	0.000000	4.00000	1245.000000	0.000000000
## 5340	285.000000	90.00000	3262.350896	0.003125000
## 5341	31.000000	47.00000	1541.327451	0.000653595
## 5342	0.000000	3.00000	125.000000	0.050000000
## 5343	46.000000	80.00000	1793.777778	0.017857143
## 5344	0.000000	26.00000	885.000000	0.000000000
## 5345	0.000000	36.00000	646.285714	0.000000000
## 5346	126.000000	146.00000	7253.676493	0.006570513
## 5347	0.000000	4.00000	55.000000	0.000000000
## 5348	2.000000	25.00000	344.321429	0.006172840
## 5349	0.000000	4.00000	21.666667	0.000000000
## 5350	0.000000	4.00000	334.000000	0.080000000
## 5351	0.000000	1.00000	0.000000	0.200000000
## 5352	0.000000	28.00000	608.522727	0.015384615
## 5353	0.000000	4.00000	4.000000	0.125000000
## 5354	0.000000	56.00000	1977.385088	0.000000000
## 5355	20.000000	11.00000	1569.166667	0.013333333
## 5356	0.000000	31.00000	806.500000	0.000000000
## 5357	0.000000	36.00000	631.306863	0.021142857
## 5358	35.000000	33.00000	782.083333	0.000000000
## 5359	0.000000	12.00000	347.000000	0.000000000
## 5360	0.000000	32.00000	1562.333333	0.038709677
## 5361	493.500000	36.00000	1199.522619	0.004761905
## 5362	0.000000	18.00000	299.500000	0.015789474
## 5363	0.000000	18.00000	103.833333	0.033333333
## 5364	0.000000	22.00000	2250.083333	0.000000000
## 5365	0.000000	3.00000	82.000000	0.040000000
## 5366	0.000000	6.00000	747.000000	0.033333333
## 5367	0.000000	8.00000	298.690476	0.000000000
## 5368	0.000000	58.00000	1572.273810	0.003870968
## 5369	0.000000	14.00000	241.769231	0.000000000
## 5370	116.000000	84.00000	2839.750000	0.000000000
## 5371	0.000000	17.00000	275.702381	0.040000000
## 5372	0.000000	39.00000	681.761905	0.015384615
## 5373	0.000000	5.00000	95.500000	0.000000000
## 5374	79.000000	35.00000	2072.666667	0.007207207
## 5375	0.000000	13.00000	214.250000	0.091666667
## 5376	0.000000	1.00000	207.570248	0.000000000
## 5377	0.000000	11.00000	201.133333	0.000000000

## 5378	0.000000	3.00000	120.400000	0.000000000
## 5379	0.000000	50.00000	1342.083333	0.000000000
## 5380	0.000000	2.00000	7.000000	0.000000000
## 5381	0.000000	28.00000	608.883333	0.009375000
## 5382	0.000000	15.00000	315.400000	0.000000000
## 5383	0.000000	20.00000	419.600000	0.038095238
## 5384	120.800000	7.00000	80.500000	0.000000000
## 5385	0.000000	57.00000	1721.906667	0.000000000
## 5386	0.000000	48.00000	2307.661212	0.025510204
## 5387	0.000000	4.00000	41.400000	0.075000000
## 5388	0.000000	31.00000	652.376667	0.012121212
## 5389	80.600000	180.00000	6512.010952	0.002645503
## 5390	0.000000	36.00000	493.303390	0.000000000
## 5391	0.000000	17.00000	209.700000	0.023529412
## 5392	0.000000	5.00000	68.400000	0.000000000
## 5393	0.000000	7.00000	942.800000	0.000000000
## 5394	0.000000	91.00000	5692.211713	0.006451613
## 5395	0.000000	4.00000	106.800000	0.000000000
## 5396	332.080000	34.00000	1011.016667	0.018918919
## 5397	0.000000	16.00000	307.616667	0.000000000
## 5398	0.000000	22.00000	701.016667	0.000000000
## 5399	0.000000	14.00000	478.600000	0.043750000
## 5400	0.000000	13.00000	710.066667	0.000000000
## 5401	0.000000	3.00000	259.000000	0.000000000
## 5402	0.000000	34.00000	1228.500000	0.039705882
## 5403	0.000000	31.00000	1514.300000	0.036363636
## 5404	0.000000	10.00000	278.433333	0.007142857
## 5405	0.000000	6.00000	86.533333	0.000000000
## 5406	0.000000	25.00000	528.966667	0.007692308
## 5407	0.000000	25.00000	402.750000	0.015384615
## 5408	0.000000	1.00000	0.000000	0.100000000
## 5409	0.000000	26.00000	2988.883333	0.000000000
## 5410	0.000000	42.00000	844.580000	0.059523810
## 5411	2.000000	27.00000	407.683333	0.006666667
## 5412	0.000000	30.00000	964.466667	0.000000000
## 5413	0.000000	12.00000	201.600000	0.026666667
## 5414	0.000000	13.00000	523.600000	0.000000000
## 5415	0.000000	24.00000	968.692424	0.000000000
## 5416	0.000000	4.00000	207.933333	0.000000000
## 5417	0.000000	16.00000	1062.666667	0.000000000
## 5418	102.800000	77.00000	2697.022104	0.000000000
## 5419	0.000000	22.00000	2707.386667	0.000000000
## 5420	0.000000	6.00000	303.100000	0.028571429
## 5421	0.000000	66.00000	3572.241757	0.005797101
## 5422	0.000000	2.00000	12.000000	0.100000000
## 5423	0.000000	38.00000	3287.000000	0.036842105
## 5424	0.000000	47.00000	902.770000	0.022222222
## 5425	0.000000	1.00000	0.000000	0.200000000
## 5426	0.000000	16.00000	519.866667	0.000000000
## 5427	0.000000	33.00000	1091.394074	0.000000000
## 5428	0.000000	14.00000	349.576190	0.000000000
## 5429	0.000000	70.00000	1087.700000	0.000000000
## 5430	204.346667	69.00000	1182.432333	0.000684932
## 5431	0.000000	16.00000	1254.000000	0.000000000

## 5432	0.000000	40.00000	778.833333 0.000000000
## 5433	2195.300000	21.00000	378.400000 0.029629630
## 5434	0.000000	133.00000	2248.914286 0.012077922
## 5435	0.000000	30.00000	558.611111 0.009090909
## 5436	0.000000	12.00000	191.100000 0.000000000
## 5437	0.000000	11.00000	267.566667 0.000000000
## 5438	1093.300000	66.00000	4152.763100 0.014979592
## 5439	0.000000	16.00000	645.200000 0.012500000
## 5440	0.000000	40.00000	991.715547 0.008888889
## 5441	3.000000	73.00000	1677.666667 0.010666667
## 5442	0.000000	5.00000	354.900000 0.000000000
## 5443	0.000000	3.00000	74.600000 0.000000000
## 5444	0.000000	96.00000	1304.973333 0.003921569
## 5445	0.000000	6.00000	95.000000 0.028571429
## 5446	0.000000	28.00000	873.640000 0.000000000
## 5447	0.000000	80.00000	1807.227778 0.016091954
## 5448	0.000000	104.00000	1667.158421 0.000000000
## 5449	0.000000	8.00000	227.100000 0.022222222
## 5450	0.000000	14.00000	331.300000 0.000000000
## 5451	0.000000	7.00000	118.913333 0.000000000
## 5452	0.000000	12.00000	165.400000 0.012500000
## 5453	42.200000	6.00000	147.900000 0.000000000
## 5454	0.000000	11.00000	203.000000 0.000000000
## 5455	0.000000	5.00000	165.100000 0.000000000
## 5456	0.000000	37.00000	1553.523810 0.005128205
## 5457	0.000000	38.00000	777.414615 0.004255319
## 5458	0.000000	0.00000	0.000000 0.000000000
## 5459	0.000000	32.00000	441.604545 0.000000000
## 5460	0.000000	23.00000	897.190000 0.000000000
## 5461	0.000000	7.00000	352.700000 0.000000000
## 5462	0.000000	11.00000	214.053333 0.016666667
## 5463	0.000000	25.00000	278.136667 0.000000000
## 5464	14.200000	8.00000	66.533333 0.000000000
## 5465	0.000000	22.00000	1321.700000 0.000000000
## 5466	0.000000	26.00000	1570.133333 0.000000000
## 5467	0.000000	20.00000	1893.466667 0.000000000
## 5468	0.000000	34.00000	1070.098072 0.018627451
## 5469	0.000000	26.00000	1114.733333 0.015384615
## 5470	0.000000	22.00000	469.540000 0.000000000
## 5471	0.000000	29.00000	1582.533333 0.006666667
## 5472	0.000000	3.00000	33.200000 0.000000000
## 5473	88.600000	35.00000	682.183333 0.000000000
## 5474	0.000000	11.00000	287.500000 0.000000000
## 5475	0.000000	48.00000	1939.571111 0.003773585
## 5476	269.800000	99.00000	3611.978569 0.000641026
## 5477	0.000000	27.00000	1555.967143 0.000000000
## 5478	0.000000	0.00000	0.000000 0.200000000
## 5479	0.000000	8.00000	413.000000 0.000000000
## 5480	0.000000	3.00000	62.400000 0.000000000
## 5481	0.000000	33.00000	889.366667 0.000000000
## 5482	9.000000	83.00000	4306.612355 0.001075269
## 5483	0.000000	15.00000	1069.700000 0.000000000
## 5484	0.000000	81.00000	1199.616667 0.000000000
## 5485	0.000000	84.00000	1893.619048 0.016825397

## 5486	33.200000	64.00000	1324.680000	0.000000000
## 5487	0.000000	16.00000	230.566667	0.000000000
## 5488	0.000000	8.00000	98.566667	0.066666667
## 5489	0.000000	3.00000	33.200000	0.133333333
## 5490	306.100000	41.00000	5194.857143	0.001754386
## 5491	0.000000	20.00000	342.686667	0.000000000
## 5492	0.000000	41.00000	2517.583333	0.007751938
## 5493	0.000000	25.00000	806.500000	0.000000000
## 5494	0.000000	24.00000	348.033333	0.077777778
## 5495	0.000000	9.00000	283.700000	0.018181818
## 5496	0.000000	50.00000	907.236364	0.020411523
## 5497	0.000000	10.00000	122.166667	0.000000000
## 5498	0.000000	8.00000	259.200000	0.000000000
## 5499	0.000000	3.00000	58.200000	0.066666667
## 5500	0.000000	6.00000	47.133333	0.040000000
## 5501	0.000000	1.00000	0.000000	0.000000000
## 5502	0.000000	73.00000	2000.618333	0.000000000
## 5503	0.000000	4.00000	140.000000	0.050000000
## 5504	0.000000	106.00000	4143.175238	0.019711538
## 5505	31.200000	45.00000	812.287389	0.000000000
## 5506	657.833333	140.00000	3252.200476	0.005479452
## 5507	0.000000	20.00000	471.477778	0.000000000
## 5508	0.000000	41.00000	764.133333	0.000000000
## 5509	0.000000	21.00000	1275.900000	0.052380952
## 5510	0.000000	8.00000	458.500000	0.025000000
## 5511	0.000000	4.00000	86.360000	0.062500000
## 5512	0.000000	9.00000	152.600000	0.044444444
## 5513	0.000000	13.00000	420.246667	0.042105263
## 5514	0.000000	5.00000	136.100000	0.066666667
## 5515	0.000000	1.00000	0.000000	0.200000000
## 5516	0.000000	63.00000	1779.163333	0.003278689
## 5517	0.000000	145.00000	5175.377371	0.002666667
## 5518	191.866667	189.00000	3428.527381	0.018642295
## 5519	0.000000	7.00000	137.000000	0.000000000
## 5520	28.200000	35.00000	1356.866667	0.000000000
## 5521	69.600000	120.00000	5771.466862	0.002755906
## 5522	0.000000	2.00000	0.000000	0.200000000
## 5523	0.000000	21.00000	479.585714	0.005000000
## 5524	0.000000	13.00000	131.200000	0.000000000
## 5525	0.000000	13.00000	161.866667	0.000000000
## 5526	0.000000	8.00000	261.800000	0.010000000
## 5527	118.100000	10.00000	184.100000	0.000000000
## 5528	0.000000	7.00000	555.400000	0.044444444
## 5529	0.000000	38.00000	2621.621429	0.021212121
## 5530	0.000000	19.00000	230.200000	0.000000000
## 5531	0.000000	8.00000	191.150000	0.000000000
## 5532	0.000000	2.00000	4.000000	0.000000000
## 5533	0.000000	10.00000	45.200000	0.080000000
## 5534	45.266667	10.00000	136.066667	0.000000000
## 5535	0.000000	9.00000	128.500000	0.036363636
## 5536	0.000000	15.00000	2653.500000	0.000000000
## 5537	0.000000	3.00000	27.200000	0.000000000
## 5538	199.100000	94.00000	6186.172260	0.022541254
## 5539	0.000000	3.00000	58.400000	0.000000000

## 5540	0.000000	24.00000	1163.266667	0.061111111
## 5541	0.000000	17.00000	440.226190	0.026315789
## 5542	0.000000	37.00000	1489.590909	0.009459459
## 5543	0.000000	0.00000	0.000000	0.000000000
## 5544	0.000000	58.00000	1590.420000	0.010344828
## 5545	0.000000	20.00000	545.100000	0.010000000
## 5546	0.000000	13.00000	517.400000	0.000000000
## 5547	0.000000	3.00000	275.000000	0.000000000
## 5548	0.000000	9.00000	199.133333	0.000000000
## 5549	0.000000	24.00000	583.000000	0.000000000
## 5550	0.000000	41.00000	1556.523333	0.005681818
## 5551	0.000000	17.00000	328.300000	0.000000000
## 5552	0.000000	11.00000	572.600000	0.000000000
## 5553	0.000000	46.00000	2031.506667	0.013043478
## 5554	0.000000	8.00000	129.761111	0.017857143
## 5555	0.000000	25.00000	307.700000	0.007692308
## 5556	0.000000	15.00000	276.733333	0.010526316
## 5557	0.000000	13.00000	187.000000	0.000000000
## 5558	0.000000	131.00000	4044.465674	0.008889185
## 5559	0.000000	111.00000	4208.752099	0.003477744
## 5560	0.000000	193.00000	7548.633333	0.013471503
## 5561	0.000000	11.00000	267.300000	0.000000000
## 5562	0.000000	57.00000	820.363636	0.035087719
## 5563	0.000000	32.00000	791.800000	0.021621622
## 5564	0.000000	35.00000	2518.266667	0.010256410
## 5565	0.000000	33.00000	1804.011111	0.000000000
## 5566	0.000000	33.00000	781.516667	0.005555556
## 5567	0.000000	25.00000	510.380000	0.007692308
## 5568	0.000000	5.00000	87.600000	0.000000000
## 5569	0.000000	70.00000	2012.660952	0.000000000
## 5570	0.000000	13.00000	309.550000	0.000000000
## 5571	152.200000	25.00000	1556.491429	0.036206897
## 5572	0.000000	27.00000	1061.550000	0.003703704
## 5573	0.000000	12.00000	182.514286	0.000000000
## 5574	0.000000	9.00000	125.266667	0.044444444
## 5575	0.000000	9.00000	75.050000	0.066666667
## 5576	0.000000	5.00000	118.500000	0.000000000
## 5577	0.000000	14.00000	227.333333	0.000000000
## 5578	0.000000	5.00000	0.000000	0.200000000
## 5579	144.000000	101.00000	1808.162266	0.045307443
## 5580	0.000000	18.00000	1219.700000	0.000000000
## 5581	0.000000	32.00000	893.450000	0.000000000
## 5582	0.000000	6.00000	268.400000	0.000000000
## 5583	0.000000	1.00000	0.000000	0.000000000
## 5584	0.000000	45.00000	2347.333333	0.004545455
## 5585	0.000000	41.00000	817.795811	0.034492302
## 5586	0.000000	30.00000	1011.916667	0.000000000
## 5587	0.000000	7.00000	1646.200000	0.025000000
## 5588	95.650000	95.00000	2383.139223	0.019666667
## 5589	0.000000	39.00000	752.560000	0.000000000
## 5590	0.000000	1.00000	0.000000	0.200000000
## 5591	0.000000	6.00000	199.600000	0.000000000
## 5592	0.000000	23.00000	386.180000	0.004347826
## 5593	0.000000	31.00000	464.933333	0.006451613

## 5594	0.000000	10.00000	217.600000 0.000000000
## 5595	0.000000	94.00000	3210.848218 0.002127660
## 5596	38.200000	39.00000	873.000000 0.010000000
## 5597	0.000000	12.00000	277.450000 0.060000000
## 5598	0.000000	28.00000	512.716667 0.007142857
## 5599	90.200000	13.00000	1286.050476 0.012500000
## 5600	225.766667	222.00000	9630.209524 0.053355457
## 5601	0.000000	9.00000	140.200000 0.000000000
## 5602	0.000000	6.00000	43.700000 0.000000000
## 5603	0.000000	39.00000	606.366667 0.015789474
## 5604	0.000000	12.00000	243.750000 0.000000000
## 5605	204.000000	8.00000	254.250000 0.025000000
## 5606	0.000000	18.00000	539.500000 0.011111111
## 5607	0.000000	6.00000	135.200000 0.000000000
## 5608	0.000000	16.00000	346.386667 0.000000000
## 5609	0.000000	94.00000	2103.938772 0.013731061
## 5610	99.600000	33.00000	768.413333 0.004878049
## 5611	377.433333	64.00000	5738.902193 0.000000000
## 5612	0.000000	8.00000	64.600000 0.050000000
## 5613	0.000000	26.00000	559.560000 0.008000000
## 5614	0.000000	10.00000	352.000000 0.000000000
## 5615	0.000000	5.00000	53.400000 0.120000000
## 5616	0.000000	3.00000	55.400000 0.000000000
## 5617	0.000000	9.00000	206.600000 0.000000000
## 5618	0.000000	39.00000	1267.453333 0.004761905
## 5619	387.500000	25.00000	621.200000 0.000000000
## 5620	0.000000	15.00000	148.933333 0.000000000
## 5621	28.700000	16.00000	597.600000 0.019047619
## 5622	0.000000	43.00000	654.066667 0.000000000
## 5623	0.000000	2.00000	0.000000 0.050000000
## 5624	8.000000	84.00000	2359.522438 0.016666667
## 5625	0.000000	4.00000	44.800000 0.000000000
## 5626	0.000000	23.00000	579.300000 0.000000000
## 5627	0.000000	13.00000	118.266667 0.000000000
## 5628	141.000000	20.00000	651.765897 0.000000000
## 5629	6.000000	30.00000	728.866667 0.037373737
## 5630	0.000000	38.00000	1712.776667 0.013333333
## 5631	0.000000	44.00000	2498.866667 0.000000000
## 5632	0.000000	56.00000	1371.415714 0.002539683
## 5633	38.200000	121.00000	3362.749679 0.025170765
## 5634	0.000000	30.00000	515.233333 0.000000000
## 5635	0.000000	62.00000	2636.513492 0.047818740
## 5636	0.000000	12.00000	1644.233333 0.000000000
## 5637	0.000000	9.00000	171.700000 0.016666667
## 5638	322.400000	27.00000	1747.700000 0.007692308
## 5639	0.000000	6.00000	270.900000 0.000000000
## 5640	0.000000	27.00000	1474.533333 0.014814815
## 5641	0.000000	3.00000	255.000000 0.000000000
## 5642	0.000000	25.00000	1131.800000 0.024000000
## 5643	0.000000	5.00000	303.100000 0.000000000
## 5644	0.000000	17.00000	327.538095 0.000000000
## 5645	0.000000	39.00000	1867.033333 0.000000000
## 5646	0.000000	1.00000	0.000000 0.200000000
## 5647	0.000000	3.00000	50.200000 0.000000000

## 5648	0.000000	1.00000	16.200000	0.000000000
## 5649	0.000000	70.00000	806.026667	0.000000000
## 5650	0.000000	6.00000	243.300000	0.000000000
## 5651	303.200000	91.00000	4864.147143	0.000000000
## 5652	0.000000	13.00000	374.900000	0.000000000
## 5653	0.000000	22.00000	672.950000	0.000000000
## 5654	0.000000	4.00000	109.500000	0.000000000
## 5655	0.000000	19.00000	623.200000	0.022222222
## 5656	0.000000	7.00000	137.600000	0.000000000
## 5657	0.000000	36.00000	1083.751630	0.006666667
## 5658	0.000000	103.00000	1955.168685	0.015359477
## 5659	0.000000	103.00000	3357.053333	0.015533981
## 5660	0.000000	62.00000	1200.354444	0.003225806
## 5661	0.000000	74.00000	1268.266667	0.002702703
## 5662	0.000000	27.00000	4622.000000	0.027160494
## 5663	0.000000	18.00000	470.896667	0.000000000
## 5664	0.000000	50.00000	1085.891081	0.025952381
## 5665	0.000000	25.00000	1109.233333	0.000000000
## 5666	0.000000	11.00000	587.200000	0.013333333
## 5667	0.000000	11.00000	283.333333	0.033333333
## 5668	52.000000	4.00000	48.000000	0.057142857
## 5669	0.000000	17.00000	369.100000	0.000000000
## 5670	0.000000	26.00000	436.800000	0.074074074
## 5671	0.000000	2.00000	5.000000	0.000000000
## 5672	4.000000	107.00000	4376.902655	0.007272727
## 5673	0.000000	32.00000	1427.676667	0.000000000
## 5674	0.000000	16.00000	511.200000	0.012500000
## 5675	0.000000	28.00000	518.396667	0.006060606
## 5676	0.000000	101.00000	7220.776667	0.001960784
## 5677	383.800000	14.00000	552.480000	0.005263158
## 5678	0.000000	11.00000	259.553333	0.011111111
## 5679	0.000000	33.00000	799.104942	0.004347826
## 5680	0.000000	23.00000	1007.233333	0.000000000
## 5681	0.000000	45.00000	1668.125238	0.004444444
## 5682	0.000000	7.00000	189.200000	0.000000000
## 5683	0.000000	51.00000	2303.960000	0.019496855
## 5684	0.000000	8.00000	158.420000	0.000000000
## 5685	86.600000	21.00000	1702.500000	0.016666667
## 5686	0.000000	2.00000	11.000000	0.000000000
## 5687	0.000000	20.00000	546.669697	0.000000000
## 5688	0.000000	10.00000	279.766667	0.000000000
## 5689	0.000000	18.00000	1077.373333	0.034126984
## 5690	23.000000	47.00000	1534.815256	0.022807018
## 5691	6.000000	18.00000	268.452597	0.000000000
## 5692	0.000000	7.00000	116.800000	0.028571429
## 5693	10.066667	23.00000	477.700000	0.000000000
## 5694	0.000000	62.00000	4402.250000	0.000000000
## 5695	0.000000	5.00000	334.400000	0.000000000
## 5696	0.000000	10.00000	408.466667	0.000000000
## 5697	353.400000	68.00000	5943.547619	0.032236842
## 5698	69.600000	20.00000	479.100000	0.000000000
## 5699	0.000000	24.00000	677.333333	0.000000000
## 5700	11.000000	28.00000	2074.929524	0.000000000
## 5701	0.000000	142.00000	4204.433333	0.009722222

## 5702	0.000000	4.00000	71.000000 0.000000000
## 5703	0.000000	13.00000	139.433333 0.000000000
## 5704	0.000000	45.00000	591.264060 0.000000000
## 5705	0.000000	43.00000	3747.833333 0.020930233
## 5706	0.000000	10.00000	274.300000 0.000000000
## 5707	0.000000	21.00000	1280.020000 0.000000000
## 5708	0.000000	63.00000	2435.697531 0.009523810
## 5709	0.000000	81.00000	4536.308139 0.032304527
## 5710	0.000000	15.00000	203.350000 0.025000000
## 5711	54.400000	13.00000	421.785714 0.000000000
## 5712	0.000000	31.00000	485.633333 0.019354839
## 5713	0.000000	21.00000	836.100000 0.000000000
## 5714	0.000000	30.00000	1500.213333 0.000000000
## 5715	0.000000	3.00000	845.300000 0.000000000
## 5716	0.000000	8.00000	194.400000 0.000000000
## 5717	0.000000	2.00000	58.600000 0.000000000
## 5718	842.300000	26.00000	1911.711111 0.015384615
## 5719	0.000000	14.00000	253.100000 0.057142857
## 5720	0.000000	3.00000	36.600000 0.000000000
## 5721	0.000000	0.00000	0.000000 0.180000000
## 5722	0.000000	22.00000	821.893333 0.001515152
## 5723	80.600000	53.00000	1693.730000 0.034545455
## 5724	426.200000	10.00000	157.066667 0.000000000
## 5725	0.000000	31.00000	804.043082 0.000000000
## 5726	0.000000	29.00000	1514.703333 0.005000000
## 5727	52.400000	22.00000	501.071429 0.000000000
## 5728	36.200000	130.00000	9447.578514 0.012661499
## 5729	0.000000	9.00000	437.400000 0.018181818
## 5730	6.000000	19.00000	719.883333 0.000000000
## 5731	0.000000	15.00000	521.866667 0.000000000
## 5732	0.000000	8.00000	55.300000 0.000000000
## 5733	0.000000	79.00000	2150.433333 0.007228916
## 5734	0.000000	28.00000	707.911667 0.000000000
## 5735	0.000000	3.00000	96.700000 0.000000000
## 5736	0.000000	24.00000	443.750000 0.000000000
## 5737	0.000000	4.00000	27.266667 0.000000000
## 5738	0.000000	30.00000	643.433333 0.000000000
## 5739	0.000000	16.00000	283.721429 0.014473684
## 5740	0.000000	25.00000	883.976191 0.020000000
## 5741	0.000000	3.00000	18.100000 0.033333333
## 5742	0.000000	29.00000	1970.000000 0.000000000
## 5743	0.000000	4.00000	52.300000 0.000000000
## 5744	535.000000	9.00000	1888.200000 0.000000000
## 5745	0.000000	32.00000	1092.183333 0.000000000
## 5746	0.000000	22.00000	244.200000 0.027272727
## 5747	0.000000	8.00000	74.600000 0.109090909
## 5748	7.600000	28.00000	2104.573984 0.007189542
## 5749	0.000000	43.00000	1487.229317 0.004545455
## 5750	0.000000	141.00000	2623.580864 0.000000000
## 5751	0.000000	32.00000	875.933333 0.031770833
## 5752	8.000000	27.00000	2968.900000 0.021428571
## 5753	0.000000	17.00000	310.971429 0.031578947
## 5754	0.000000	40.00000	675.202099 0.015000000
## 5755	32.200000	41.00000	1321.322222 0.000000000

## 5756	0.000000	16.00000	2227.800000	0.000000000
## 5757	294.600000	93.00000	6412.233333	0.000000000
## 5758	0.000000	2.00000	4.000000	0.000000000
## 5759	0.000000	21.00000	295.333333	0.016666667
## 5760	44.000000	52.00000	1216.364286	0.050909091
## 5761	0.000000	35.00000	1608.700000	0.000000000
## 5762	0.000000	24.00000	1476.021429	0.013043478
## 5763	0.000000	6.00000	1156.500000	0.000000000
## 5764	0.000000	10.00000	327.773333	0.000000000
## 5765	50.200000	9.00000	1759.066667	0.011764706
## 5766	102.750000	305.00000	5018.328289	0.001607717
## 5767	0.000000	3.00000	11.000000	0.066666667
## 5768	0.000000	31.00000	631.085714	0.012903226
## 5769	0.000000	4.00000	192.400000	0.000000000
## 5770	0.000000	1.00000	0.000000	0.200000000
## 5771	0.000000	19.00000	381.600000	0.040909091
## 5772	0.000000	20.00000	1002.366667	0.000000000
## 5773	0.000000	12.00000	213.283333	0.016666667
## 5774	0.000000	15.00000	1950.386667	0.000000000
## 5775	0.000000	7.00000	110.300000	0.000000000
## 5776	0.000000	37.00000	2097.420000	0.003603604
## 5777	0.000000	60.00000	1288.563333	0.000000000
## 5778	0.000000	20.00000	654.200000	0.000000000
## 5779	0.000000	2.00000	28.200000	0.000000000
## 5780	0.000000	1.00000	0.000000	0.200000000
## 5781	0.000000	45.00000	507.111111	0.008888889
## 5782	13.000000	89.00000	1904.653507	0.018279570
## 5783	0.000000	14.00000	262.587619	0.012500000
## 5784	37.200000	28.00000	761.500000	0.006896552
## 5785	0.000000	24.00000	463.694048	0.013620072
## 5786	0.000000	16.00000	196.333333	0.012500000
## 5787	0.000000	28.00000	403.833333	0.017857143
## 5788	0.000000	20.00000	799.061905	0.012500000
## 5789	0.000000	17.00000	472.900000	0.012500000
## 5790	36.600000	78.00000	1983.225629	0.002500000
## 5791	0.000000	9.00000	311.700000	0.000000000
## 5792	0.000000	59.00000	779.262857	0.000000000
## 5793	0.000000	25.00000	334.383333	0.000000000
## 5794	97.800000	32.00000	1213.650000	0.005405405
## 5795	0.000000	14.00000	617.150000	0.000000000
## 5796	7.000000	15.00000	398.256667	0.000000000
## 5797	0.000000	4.00000	271.466667	0.000000000
## 5798	433.100000	99.00000	2129.989707	0.001869159
## 5799	0.000000	18.00000	476.177778	0.050000000
## 5800	106.800000	80.00000	4240.036205	0.000169693
## 5801	0.000000	4.00000	35.333333	0.050000000
## 5802	0.000000	53.00000	1170.733333	0.007272727
## 5803	0.000000	27.00000	687.196667	0.000000000
## 5804	0.000000	4.00000	599.000000	0.000000000
## 5805	0.000000	3.00000	0.000000	0.200000000
## 5806	0.000000	9.00000	126.916667	0.000000000
## 5807	0.000000	7.00000	70.400000	0.114285714
## 5808	0.000000	5.00000	27.200000	0.000000000
## 5809	0.000000	18.00000	213.171429	0.000000000

## 5810	0.000000	22.00000	681.580000	0.009523810
## 5811	0.000000	46.00000	1728.866268	0.000000000
## 5812	15.100000	199.00000	7959.909524	0.028594771
## 5813	10.000000	18.00000	222.300000	0.010000000
## 5814	0.000000	149.00000	4304.366905	0.010256410
## 5815	0.000000	4.00000	145.200000	0.000000000
## 5816	432.200000	56.00000	4895.260000	0.016949153
## 5817	0.000000	5.00000	186.066667	0.146666667
## 5818	0.000000	22.00000	295.033333	0.000000000
## 5819	0.000000	6.00000	616.500000	0.028571429
## 5820	0.000000	11.00000	362.600000	0.000000000
## 5821	19.200000	22.00000	504.028571	0.000000000
## 5822	42.400000	38.00000	1323.093695	0.007738095
## 5823	52.400000	46.00000	1760.657143	0.010109290
## 5824	0.000000	15.00000	2026.633333	0.008333333
## 5825	0.000000	6.00000	32.200000	0.085714286
## 5826	0.000000	4.00000	157.200000	0.040000000
## 5827	169.200000	14.00000	517.660000	0.011111111
## 5828	0.000000	4.00000	1623.666667	0.133333333
## 5829	70.500000	50.00000	981.508333	0.000000000
## 5830	0.000000	20.00000	902.973810	0.000000000
## 5831	0.000000	29.00000	316.200000	0.006666667
## 5832	0.000000	17.00000	608.216667	0.047777778
## 5833	34.400000	1.00000	165.200000	0.000000000
## 5834	0.000000	12.00000	269.535714	0.004444444
## 5835	0.000000	87.00000	3220.336667	0.004597701
## 5836	0.000000	43.00000	1257.900000	0.009523810
## 5837	1511.700000	439.00000	21857.046480	0.003588626
## 5838	0.000000	223.00000	2477.536550	0.000000000
## 5839	204.400000	45.00000	789.366667	0.000000000
## 5840	6.000000	10.00000	363.600000	0.000000000
## 5841	0.000000	19.00000	281.433333	0.038596491
## 5842	0.000000	9.00000	1346.200000	0.000000000
## 5843	0.000000	74.00000	3146.709481	0.019200000
## 5844	0.000000	3.00000	57.400000	0.000000000
## 5845	0.000000	2.00000	78.100000	0.180000000
## 5846	0.000000	15.00000	431.200000	0.000000000
## 5847	0.000000	67.00000	1060.693791	0.022685185
## 5848	0.000000	24.00000	431.200000	0.012500000
## 5849	295.400000	20.00000	675.684624	0.026634769
## 5850	0.000000	2.00000	46.800000	0.000000000
## 5851	0.000000	6.00000	127.400000	0.000000000
## 5852	0.000000	81.00000	2092.673810	0.015000000
## 5853	0.000000	16.00000	149.900000	0.056250000
## 5854	0.000000	1.00000	0.000000	0.200000000
## 5855	21.200000	63.00000	1033.206667	0.000000000
## 5856	26.700000	28.00000	1392.100000	0.031111111
## 5857	0.000000	49.00000	1571.123810	0.004255319
## 5858	0.000000	41.00000	1081.713333	0.010000000
## 5859	65.400000	13.00000	1036.531780	0.035294118
## 5860	206.100000	36.00000	2400.667778	0.008527132
## 5861	0.000000	13.00000	217.761111	0.012500000
## 5862	0.000000	11.00000	394.800000	0.000000000
## 5863	0.000000	34.00000	2256.749540	0.000000000

## 5864	0.000000	29.00000	1373.933333	0.000000000
## 5865	0.000000	4.00000	141.000000	0.000000000
## 5866	0.000000	34.00000	2091.480392	0.046212121
## 5867	0.000000	9.00000	1261.700000	0.016666667
## 5868	0.000000	26.00000	1107.116667	0.000000000
## 5869	25.200000	47.00000	981.601429	0.007272727
## 5870	0.000000	19.00000	187.200000	0.068421053
## 5871	0.000000	21.00000	332.800000	0.000000000
## 5872	0.000000	5.00000	244.700000	0.011111111
## 5873	165.666667	22.00000	365.774339	0.004365079
## 5874	0.000000	14.00000	2322.866667	0.011764706
## 5875	0.000000	4.00000	199.400000	0.000000000
## 5876	0.000000	5.00000	20.200000	0.180000000
## 5877	0.000000	98.00000	2260.838889	0.004040404
## 5878	0.000000	30.00000	647.518523	0.000000000
## 5879	0.000000	4.00000	288.433333	0.000000000
## 5880	0.000000	16.00000	394.558095	0.000000000
## 5881	0.000000	9.00000	532.000000	0.000000000
## 5882	16.200000	33.00000	770.107180	0.005405405
## 5883	0.000000	51.00000	4651.612222	0.004155844
## 5884	0.000000	12.00000	355.850000	0.013333333
## 5885	0.000000	18.00000	432.766667	0.000000000
## 5886	0.000000	17.00000	284.783333	0.009090909
## 5887	0.000000	14.00000	314.293333	0.000000000
## 5888	0.000000	13.00000	328.900000	0.015384615
## 5889	0.000000	2.00000	179.800000	0.000000000
## 5890	0.000000	35.00000	905.122626	0.017647059
## 5891	0.000000	3.00000	28.600000	0.000000000
## 5892	22.200000	154.00000	7835.874629	0.012549679
## 5893	0.000000	25.00000	590.600000	0.000000000
## 5894	0.000000	14.00000	387.766667	0.013333333
## 5895	0.000000	40.00000	2731.500000	0.000000000
## 5896	0.000000	18.00000	1567.846667	0.000000000
## 5897	0.000000	4.00000	53.400000	0.000000000
## 5898	0.000000	3.00000	145.000000	0.066666667
## 5899	0.000000	70.00000	2146.757984	0.000000000
## 5900	0.000000	1.00000	0.000000	0.200000000
## 5901	0.000000	36.00000	595.800000	0.000000000
## 5902	21.200000	43.00000	1568.320833	0.009183673
## 5903	0.000000	38.00000	1147.696667	0.000000000
## 5904	0.000000	59.00000	1992.733333	0.003225806
## 5905	0.000000	18.00000	587.733333	0.000000000
## 5906	0.000000	21.00000	1294.566667	0.035000000
## 5907	0.000000	17.00000	652.566667	0.022222222
## 5908	0.000000	77.00000	1750.371795	0.021367521
## 5909	0.000000	12.00000	704.950000	0.000000000
## 5910	38.300000	36.00000	725.210000	0.005000000
## 5911	923.900000	115.00000	7243.649316	0.003225806
## 5912	0.000000	21.00000	192.900000	0.059090909
## 5913	0.000000	2.00000	21.200000	0.000000000
## 5914	201.400000	51.00000	1693.633333	0.003703704
## 5915	0.000000	23.00000	411.466667	0.051851852
## 5916	0.000000	9.00000	257.900000	0.011111111
## 5917	44.000000	179.00000	1738.472529	0.000027300

## 5918	0.000000	8.00000	20.200000	0.100000000
## 5919	0.000000	21.00000	589.421429	0.004444444
## 5920	0.000000	32.00000	1028.566667	0.012500000
## 5921	0.000000	56.00000	1510.006667	0.074137931
## 5922	0.000000	12.00000	249.409524	0.015384615
## 5923	678.000000	66.00000	2101.305092	0.000000000
## 5924	0.000000	35.00000	365.583333	0.017142857
## 5925	16.200000	8.00000	281.100000	0.000000000
## 5926	378.800000	8.00000	230.280000	0.000000000
## 5927	0.000000	74.00000	1540.290115	0.006172840
## 5928	0.000000	38.00000	1570.681813	0.005980066
## 5929	0.000000	40.00000	1178.496667	0.026666667
## 5930	0.000000	16.00000	572.650000	0.000000000
## 5931	0.000000	40.00000	829.800000	0.074418605
## 5932	439.200000	78.00000	5526.080123	0.000000000
## 5933	0.000000	25.00000	575.816667	0.000000000
## 5934	0.000000	48.00000	1062.812542	0.000000000
## 5935	0.000000	14.00000	858.200000	0.000000000
## 5936	0.000000	48.00000	3025.333333	0.004166667
## 5937	0.000000	19.00000	384.403030	0.009090909
## 5938	0.000000	11.00000	192.733333	0.000000000
## 5939	0.000000	29.00000	451.700000	0.003448276
## 5940	0.000000	39.00000	1294.599603	0.002702703
## 5941	2252.033333	19.00000	1135.880556	0.009677419
## 5942	0.000000	5.00000	75.600000	0.000000000
## 5943	168.200000	33.00000	755.876984	0.026315789
## 5944	28.200000	23.00000	934.316667	0.000000000
## 5945	0.000000	11.00000	164.000000	0.036363636
## 5946	0.000000	4.00000	60.400000	0.000000000
## 5947	0.000000	6.00000	75.200000	0.033333333
## 5948	0.000000	17.00000	639.756667	0.000000000
## 5949	25.200000	18.00000	1009.550000	0.000000000
## 5950	0.000000	16.00000	475.300000	0.010526316
## 5951	0.000000	98.00000	2138.481263	0.001886792
## 5952	0.000000	10.00000	176.800000	0.000000000
## 5953	0.000000	44.00000	1341.716667	0.008888889
## 5954	0.000000	9.00000	84.100000	0.000000000
## 5955	110.866667	67.00000	3264.128466	0.013526570
## 5956	0.000000	25.00000	488.716667	0.021428571
## 5957	0.000000	18.00000	340.916667	0.000000000
## 5958	0.000000	9.00000	250.200000	0.022222222
## 5959	69.600000	29.00000	1618.233333	0.000000000
## 5960	0.000000	18.00000	168.528571	0.010526316
## 5961	0.000000	20.00000	384.800000	0.000000000
## 5962	0.000000	12.00000	219.600000	0.000000000
## 5963	0.000000	21.00000	1041.733333	0.000000000
## 5964	0.000000	43.00000	1606.450000	0.000000000
## 5965	0.000000	30.00000	599.919048	0.000000000
## 5966	0.000000	19.00000	1138.793636	0.000000000
## 5967	89.100000	230.00000	9050.459482	0.006722689
## 5968	133.000000	13.00000	825.799048	0.040000000
## 5969	0.000000	19.00000	1553.800000	0.045000000
## 5970	0.000000	5.00000	43.200000	0.080000000
## 5971	0.000000	84.00000	1242.776046	0.000000000

## 5972	0.000000	75.00000	3275.113333	0.000000000
## 5973	0.000000	23.00000	2767.200000	0.000000000
## 5974	0.000000	29.00000	4897.845238	0.000000000
## 5975	0.000000	6.00000	222.400000	0.000000000
## 5976	0.000000	7.00000	62.800000	0.000000000
## 5977	0.000000	27.00000	263.266667	0.000000000
## 5978	0.000000	27.00000	1871.900000	0.014814815
## 5979	0.000000	35.00000	871.833333	0.000000000
## 5980	0.000000	49.00000	3346.969048	0.000000000
## 5981	0.000000	22.00000	568.968333	0.017391304
## 5982	0.000000	73.00000	3799.200000	0.079279279
## 5983	0.000000	5.00000	85.600000	0.011111111
## 5984	1657.300000	26.00000	2306.047619	0.046666667
## 5985	0.000000	3.00000	0.000000	0.200000000
## 5986	0.000000	44.00000	1256.825000	0.000000000
## 5987	1005.400000	280.00000	18171.794540	0.017486109
## 5988	0.000000	8.00000	749.233333	0.000000000
## 5989	0.000000	2.00000	93.600000	0.000000000
## 5990	0.000000	98.00000	3098.649444	0.018814433
## 5991	0.000000	2.00000	0.000000	0.066666667
## 5992	0.000000	18.00000	359.400000	0.008333333
## 5993	353.966667	90.00000	4984.371429	0.042666667
## 5994	0.000000	6.00000	102.200000	0.000000000
## 5995	0.000000	32.00000	5330.633333	0.008108108
## 5996	0.000000	1.00000	0.000000	0.200000000
## 5997	0.000000	59.00000	1684.496667	0.000000000
## 5998	0.000000	66.00000	1216.352121	0.000000000
## 5999	103.800000	40.00000	2011.966667	0.018181818
## 6000	0.000000	0.00000	0.000000	0.000000000
## 6001	297.833333	62.00000	1685.747985	0.000000000
## 6002	0.000000	25.00000	1417.022222	0.022666667
## 6003	793.800000	38.00000	2436.605534	0.000000000
## 6004	0.000000	32.00000	505.550000	0.000000000
## 6005	0.000000	4.00000	43.200000	0.000000000
## 6006	0.000000	46.00000	987.119048	0.004081633
## 6007	76.600000	377.00000	11729.408040	0.032877299
## 6008	0.000000	3.00000	103.600000	0.000000000
## 6009	0.000000	4.00000	14.200000	0.100000000
## 6010	0.000000	28.00000	2728.755000	0.000000000
## 6011	0.000000	7.00000	176.833333	0.000000000
## 6012	0.000000	6.00000	111.600000	0.000000000
## 6013	100.800000	11.00000	347.400000	0.000000000
## 6014	0.000000	8.00000	286.700000	0.050000000
## 6015	0.000000	14.00000	266.660000	0.012500000
## 6016	0.000000	12.00000	222.255714	0.009090909
## 6017	115.800000	32.00000	518.443333	0.001960784
## 6018	0.000000	10.00000	490.566667	0.020000000
## 6019	0.000000	94.00000	9836.068333	0.007446809
## 6020	0.000000	16.00000	423.500000	0.012500000
## 6021	0.000000	8.00000	886.570000	0.000000000
## 6022	0.000000	18.00000	558.193333	0.000000000
## 6023	17.720000	18.00000	864.100000	0.000000000
## 6024	140.500000	310.00000	8468.339278	0.002821317
## 6025	0.000000	33.00000	1267.060000	0.021621622

## 6026	0.000000	25.00000	1074.683333	0.012500000
## 6027	0.000000	12.00000	139.800000	0.066666667
## 6028	0.000000	23.00000	526.000000	0.000000000
## 6029	0.000000	12.00000	299.266667	0.000000000
## 6030	0.000000	60.00000	2580.634935	0.000000000
## 6031	101.700000	42.00000	1892.198319	0.000000000
## 6032	0.000000	19.00000	668.700000	0.022727273
## 6033	0.000000	27.00000	1301.300000	0.020689655
## 6034	0.000000	16.00000	1835.500000	0.003703704
## 6035	0.000000	10.00000	155.900000	0.020000000
## 6036	0.000000	3.00000	36.400000	0.066666667
## 6037	0.000000	24.00000	751.626667	0.004571429
## 6038	0.000000	70.00000	939.783333	0.000000000
## 6039	0.000000	18.00000	584.740000	0.005882353
## 6040	0.000000	1.00000	31.200000	0.000000000
## 6041	0.000000	42.00000	570.183229	0.010000000
## 6042	0.000000	14.00000	331.550000	0.013333333
## 6043	0.000000	15.00000	469.868182	0.000000000
## 6044	0.000000	31.00000	881.441667	0.017204301
## 6045	541.000000	32.00000	776.923251	0.001176471
## 6046	0.000000	16.00000	982.600000	0.000000000
## 6047	0.000000	4.00000	683.400000	0.057142857
## 6048	148.000000	48.00000	1029.170303	0.001724138
## 6049	0.000000	12.00000	797.840000	0.000000000
## 6050	0.000000	15.00000	512.900000	0.000000000
## 6051	0.000000	1.00000	0.000000	0.200000000
## 6052	0.000000	49.00000	1023.960000	0.034693878
## 6053	0.000000	12.00000	146.133333	0.050000000
## 6054	475.200000	20.00000	393.409524	0.027380952
## 6055	0.000000	16.00000	129.583333	0.075000000
## 6056	0.000000	16.00000	222.233333	0.000000000
## 6057	35.700000	158.00000	2110.255093	0.003614458
## 6058	0.000000	24.00000	1282.953333	0.034782609
## 6059	11.000000	54.00000	1299.196667	0.003636364
## 6060	0.000000	83.00000	1631.400000	0.027380952
## 6061	0.000000	16.00000	340.650000	0.060416667
## 6062	0.000000	8.00000	846.200000	0.000000000
## 6063	0.000000	4.00000	39.950000	0.000000000
## 6064	0.000000	18.00000	1045.300000	0.000000000
## 6065	53.200000	114.00000	5066.661100	0.006666667
## 6066	0.000000	114.00000	3161.074762	0.017699115
## 6067	0.000000	23.00000	1780.700000	0.000000000
## 6068	0.000000	1.00000	0.000000	0.200000000
## 6069	0.000000	16.00000	431.900000	0.010526316
## 6070	0.000000	16.00000	655.383333	0.000000000
## 6071	99.800000	2.00000	10.000000	0.000000000
## 6072	0.000000	38.00000	436.858333	0.000000000
## 6073	0.000000	85.00000	2651.943186	0.000888889
## 6074	0.000000	27.00000	809.693333	0.023214286
## 6075	0.000000	37.00000	456.150000	0.121621622
## 6076	0.000000	12.00000	209.000000	0.000000000
## 6077	0.000000	2.00000	11.100000	0.000000000
## 6078	0.000000	4.00000	162.533333	0.000000000
## 6079	0.000000	34.00000	461.233333	0.000000000

## 6080	225.366667	42.00000	539.227381	0.015510204
## 6081	0.000000	24.00000	755.000000	0.000000000
## 6082	0.000000	97.00000	2293.490129	0.011455734
## 6083	52.400000	35.00000	2239.502857	0.010833333
## 6084	0.000000	22.00000	839.568189	0.000000000
## 6085	0.000000	27.00000	1838.150000	0.053205128
## 6086	434.300000	486.00000	23050.104140	0.000323719
## 6087	189.300000	12.00000	304.700000	0.000000000
## 6088	63.400000	110.00000	1691.236147	0.003448276
## 6089	0.000000	25.00000	1177.506667	0.008333333
## 6090	0.000000	65.00000	6053.466667	0.005208333
## 6091	15.000000	230.00000	6978.613711	0.015327635
## 6092	0.000000	1.00000	0.000000	0.200000000
## 6093	0.000000	8.00000	183.800000	0.000000000
## 6094	652.800000	10.00000	1143.666667	0.000000000
## 6095	0.000000	19.00000	753.300000	0.000000000
## 6096	59.400000	53.00000	1844.650000	0.022641509
## 6097	0.000000	8.00000	67.850000	0.018181818
## 6098	0.000000	9.00000	281.500000	0.000000000
## 6099	0.000000	36.00000	1826.441667	0.007317073
## 6100	14.200000	24.00000	1183.826667	0.000000000
## 6101	0.000000	153.00000	4565.930621	0.001307190
## 6102	0.000000	10.00000	104.950000	0.000000000
## 6103	64.400000	9.00000	358.400000	0.000000000
## 6104	0.000000	3.00000	50.400000	0.000000000
## 6105	0.000000	55.00000	1033.650000	0.017857143
## 6106	0.000000	5.00000	64.000000	0.000000000
## 6107	0.000000	16.00000	453.400000	0.000000000
## 6108	0.000000	23.00000	1037.833333	0.017857143
## 6109	0.000000	42.00000	2385.666667	0.003333333
## 6110	0.000000	3.00000	0.000000	0.200000000
## 6111	1009.733333	38.00000	1639.069361	0.021739130
## 6112	216.566667	35.00000	910.080952	0.000000000
## 6113	0.000000	7.00000	493.400000	0.000000000
## 6114	0.000000	34.00000	538.480000	0.000000000
## 6115	0.000000	139.00000	5107.034928	0.015444370
## 6116	0.000000	4.00000	34.200000	0.050000000
## 6117	0.000000	36.00000	788.500000	0.000000000
## 6118	0.000000	113.00000	1576.252222	0.003508772
## 6119	0.000000	12.00000	223.800000	0.027777778
## 6120	63.100000	91.00000	3827.498846	0.057801418
## 6121	0.000000	67.00000	860.021746	0.000000000
## 6122	43.200000	30.00000	1021.838095	0.000000000
## 6123	0.000000	5.00000	150.800000	0.000000000
## 6124	66.400000	14.00000	668.316667	0.014285714
## 6125	246.800000	23.00000	672.264444	0.032051282
## 6126	0.000000	44.00000	778.966667	0.000000000
## 6127	0.000000	40.00000	550.709524	0.000000000
## 6128	12.000000	16.00000	393.000000	0.000000000
## 6129	0.000000	81.00000	2408.312828	0.002554278
## 6130	0.000000	3.00000	20.600000	0.000000000
## 6131	0.000000	101.00000	2611.747653	0.004356436
## 6132	0.000000	27.00000	458.256032	0.007407407
## 6133	0.000000	29.00000	2041.626667	0.026075269

## 6134	0.000000	15.00000	1386.350000	0.016666667
## 6135	0.000000	17.00000	827.533333	0.000000000
## 6136	0.000000	73.00000	2260.857143	0.002666667
## 6137	0.000000	10.00000	158.366667	0.000000000
## 6138	0.000000	33.00000	1932.716667	0.000000000
## 6139	0.000000	15.00000	284.100000	0.000000000
## 6140	0.000000	58.00000	2007.206667	0.003448276
## 6141	0.000000	14.00000	481.966667	0.010526316
## 6142	0.000000	9.00000	619.533333	0.000000000
## 6143	0.000000	38.00000	842.423593	0.000000000
## 6144	0.000000	20.00000	585.883333	0.017391304
## 6145	0.000000	12.00000	599.613333	0.000000000
## 6146	274.000000	39.00000	1321.853333	0.009523810
## 6147	0.000000	5.00000	60.900000	0.040000000
## 6148	0.000000	8.00000	321.233333	0.000000000
## 6149	108.000000	19.00000	989.333333	0.029166667
## 6150	11.500000	182.00000	3539.944615	0.010209424
## 6151	0.000000	15.00000	533.110000	0.011111111
## 6152	0.000000	16.00000	694.454978	0.000000000
## 6153	0.000000	4.00000	6.000000	0.100000000
## 6154	0.000000	16.00000	709.400000	0.112500000
## 6155	13.400000	13.00000	217.716667	0.033333333
## 6156	0.000000	35.00000	1126.666667	0.000000000
## 6157	0.000000	6.00000	1054.300000	0.066666667
## 6158	0.000000	21.00000	1003.658333	0.010526316
## 6159	0.000000	33.00000	1845.394615	0.000000000
## 6160	0.000000	13.00000	447.200000	0.000000000
## 6161	35.200000	63.00000	1345.136667	0.029166667
## 6162	223.150000	221.00000	6606.726779	0.005533063
## 6163	0.000000	14.00000	315.466667	0.000000000
## 6164	173.200000	17.00000	481.310000	0.000000000
## 6165	0.000000	32.00000	955.333333	0.018750000
## 6166	0.000000	11.00000	223.466667	0.000000000
## 6167	0.000000	17.00000	982.757619	0.012500000
## 6168	0.000000	48.00000	1850.116667	0.004081633
## 6169	16.600000	229.00000	6984.611525	0.017126437
## 6170	322.400000	10.00000	126.933333	0.014285714
## 6171	0.000000	3.00000	66.400000	0.000000000
## 6172	0.000000	30.00000	2559.433333	0.027586207
## 6173	380.700000	4.00000	188.400000	0.000000000
## 6174	160.400000	25.00000	489.150000	0.012500000
## 6175	0.000000	10.00000	645.200000	0.030000000
## 6176	0.000000	4.00000	63.400000	0.000000000
## 6177	0.000000	0.00000	0.000000	0.050000000
## 6178	0.000000	13.00000	245.166667	0.000000000
## 6179	0.000000	9.00000	113.433333	0.000000000
## 6180	0.000000	24.00000	342.000000	0.024000000
## 6181	-1.000000	1.00000	-1.000000	0.200000000
## 6182	14.800000	24.00000	718.956667	0.000000000
## 6183	0.000000	113.00000	1341.632619	0.004804805
## 6184	0.000000	22.00000	641.516667	0.009523810
## 6185	0.000000	17.00000	477.716667	0.000000000
## 6186	0.000000	13.00000	199.284444	0.000000000
## 6187	0.000000	26.00000	349.116667	0.006060606

## 6188	0.000000	4.00000	166.900000	0.000000000
## 6189	0.000000	1.00000	0.000000	0.200000000
## 6190	0.000000	26.00000	1210.917778	0.014814815
## 6191	0.000000	12.00000	568.100000	0.000000000
## 6192	0.000000	127.00000	6065.016218	0.006716418
## 6193	0.000000	11.00000	344.800000	0.015384615
## 6194	0.000000	33.00000	761.223333	0.007619048
## 6195	0.000000	17.00000	225.680000	0.000000000
## 6196	0.000000	2.00000	34.200000	0.000000000
## 6197	0.000000	7.00000	212.500000	0.000000000
## 6198	316.000000	34.00000	1446.733333	0.000000000
## 6199	239.800000	216.00000	14577.084980	0.002739726
## 6200	0.000000	3.00000	35.400000	0.000000000
## 6201	0.000000	3.00000	178.500000	0.000000000
## 6202	0.000000	18.00000	240.300000	0.000000000
## 6203	0.000000	45.00000	1165.840000	0.000000000
## 6204	0.000000	10.00000	421.600000	0.000000000
## 6205	0.000000	137.00000	3004.628109	0.002380952
## 6206	0.000000	48.00000	830.314253	0.004347826
## 6207	0.000000	2.00000	161.200000	0.000000000
## 6208	0.000000	14.00000	598.433333	0.014285714
## 6209	20.000000	84.00000	1854.915556	0.004210526
## 6210	0.000000	5.00000	59.400000	0.000000000
## 6211	0.000000	0.00000	0.000000	0.000000000
## 6212	0.000000	3.00000	27.200000	0.133333333
## 6213	245.800000	28.00000	524.060000	0.020000000
## 6214	0.000000	14.00000	362.102982	0.022916667
## 6215	0.000000	14.00000	422.133333	0.071428571
## 6216	0.000000	40.00000	797.003333	0.000000000
## 6217	153.000000	139.00000	5286.587577	0.002959159
## 6218	183.266667	7.00000	205.856667	0.000000000
## 6219	0.000000	60.00000	1635.466667	0.006557377
## 6220	0.000000	4.00000	154.900000	0.000000000
## 6221	0.000000	37.00000	936.416667	0.000000000
## 6222	0.000000	107.00000	3739.635556	0.000000000
## 6223	297.200000	8.00000	320.266667	0.000000000
## 6224	0.000000	109.00000	1370.127838	0.004512398
## 6225	0.000000	48.00000	2074.401905	0.000000000
## 6226	0.000000	6.00000	341.360000	0.000000000
## 6227	0.000000	73.00000	3566.992857	0.000000000
## 6228	0.000000	10.00000	349.111111	0.020000000
## 6229	0.000000	32.00000	396.471429	0.021212121
## 6230	0.000000	4.00000	420.000000	0.012500000
## 6231	0.000000	16.00000	172.133333	0.012000000
## 6232	84.800000	170.00000	3888.278636	0.000000000
## 6233	0.000000	31.00000	641.655892	0.000000000
## 6234	0.000000	10.00000	153.900000	0.016666667
## 6235	0.000000	7.00000	296.766667	0.000000000
## 6236	0.000000	2.00000	19.200000	0.100000000
## 6237	0.000000	6.00000	223.100000	0.000000000
## 6238	0.000000	24.00000	1123.246667	0.000000000
## 6239	0.000000	51.00000	2103.628837	0.000000000
## 6240	11.000000	18.00000	436.600000	0.008695652
## 6241	0.000000	11.00000	805.500000	0.000000000

## 6242	0.000000	11.00000	199.500000 0.127272727
## 6243	179.500000	157.00000	16093.309410 0.007903295
## 6244	0.000000	3.00000	135.000000 0.000000000
## 6245	112.600000	12.00000	147.733333 0.057142857
## 6246	0.000000	39.00000	1324.850000 0.000000000
## 6247	0.000000	79.00000	1854.260000 0.039000000
## 6248	0.000000	14.00000	1049.050000 0.000000000
## 6249	18.400000	36.00000	853.850272 0.000000000
## 6250	0.000000	5.00000	163.200000 0.000000000
## 6251	0.000000	103.00000	1843.759347 0.000000000
## 6252	15.000000	17.00000	2269.900000 0.000000000
## 6253	466.400000	28.00000	839.733333 0.001754386
## 6254	0.000000	1.00000	1195.800000 0.000000000
## 6255	0.000000	37.00000	856.200000 0.052252252
## 6256	32.200000	202.00000	13842.458330 0.018048780
## 6257	0.000000	72.00000	2101.467925 0.006140351
## 6258	0.000000	346.00000	12541.776280 0.001709402
## 6259	0.000000	80.00000	1566.333333 0.005000000
## 6260	0.000000	35.00000	942.687922 0.017142857
## 6261	226.000000	76.00000	1308.573395 0.032611502
## 6262	0.000000	24.00000	589.800000 0.032098765
## 6263	0.000000	7.00000	159.200000 0.085714286
## 6264	0.000000	10.00000	151.081818 0.008333333
## 6265	0.000000	3.00000	397.800000 0.000000000
## 6266	0.000000	2.00000	31.200000 0.000000000
## 6267	0.000000	18.00000	481.400000 0.068518519
## 6268	235.600000	22.00000	883.120000 0.006451613
## 6269	0.000000	28.00000	920.700000 0.000000000
## 6270	0.000000	16.00000	336.300000 0.012500000
## 6271	0.000000	23.00000	1954.400000 0.000000000
## 6272	0.000000	28.00000	580.650000 0.000000000
## 6273	0.000000	13.00000	323.300000 0.084615385
## 6274	0.000000	8.00000	132.800000 0.000000000
## 6275	0.000000	11.00000	353.900000 0.025000000
## 6276	0.000000	62.00000	2032.396960 0.005230769
## 6277	0.000000	6.00000	66.900000 0.000000000
## 6278	0.000000	20.00000	1413.768571 0.025000000
## 6279	0.000000	8.00000	131.978571 0.000000000
## 6280	135.000000	32.00000	804.189913 0.029946524
## 6281	0.000000	7.00000	131.800000 0.000000000
## 6282	0.000000	4.00000	15.240000 0.000000000
## 6283	430.200000	146.00000	5602.006712 0.002671513
## 6284	0.000000	8.00000	530.000000 0.000000000
## 6285	0.000000	71.00000	1722.721127 0.005555556
## 6286	0.000000	7.00000	114.533333 0.000000000
## 6287	0.000000	22.00000	657.420000 0.021212121
## 6288	0.000000	39.00000	589.251066 0.001282051
## 6289	0.000000	37.00000	1391.105556 0.001315789
## 6290	0.000000	4.00000	67.600000 0.125000000
## 6291	722.900000	8.00000	2219.583333 0.000000000
## 6292	382.400000	31.00000	1314.112346 0.014285714
## 6293	6.000000	9.00000	195.166667 0.000000000
## 6294	0.000000	9.00000	248.050000 0.000000000
## 6295	0.000000	2.00000	10.000000 0.012500000

## 6296	0.000000	6.00000	0.000000 0.200000000
## 6297	0.000000	37.00000	1530.006667 0.000000000
## 6298	0.000000	47.00000	1423.000000 0.004347826
## 6299	0.000000	5.00000	63.400000 0.000000000
## 6300	6.500000	74.00000	1294.405000 0.002666667
## 6301	42.400000	12.00000	285.680000 0.015384615
## 6302	0.000000	7.00000	211.100000 0.000000000
## 6303	0.000000	4.00000	159.200000 0.050000000
## 6304	69.000000	15.00000	352.875000 0.000000000
## 6305	18.200000	20.00000	318.766667 0.000000000
## 6306	0.000000	2.00000	51.066667 0.000000000
## 6307	0.000000	15.00000	276.366667 0.000000000
## 6308	0.000000	12.00000	368.680000 0.040000000
## 6309	0.000000	4.00000	38.300000 0.009523810
## 6310	229.800000	151.00000	4249.120000 0.013402778
## 6311	0.000000	62.00000	944.405556 0.000000000
## 6312	0.000000	4.00000	72.000000 0.000000000
## 6313	0.000000	2.00000	107.800000 0.000000000
## 6314	0.000000	22.00000	2364.650000 0.000000000
## 6315	0.000000	28.00000	425.096905 0.000000000
## 6316	0.000000	19.00000	528.250000 0.000000000
## 6317	0.000000	14.00000	276.350000 0.000000000
## 6318	0.000000	3.00000	52.400000 0.000000000
## 6319	0.000000	32.00000	905.100000 0.000000000
## 6320	0.000000	12.00000	274.750000 0.000000000
## 6321	0.000000	47.00000	1459.576667 0.010416667
## 6322	0.000000	84.00000	3528.691250 0.015773810
## 6323	0.000000	6.00000	351.400000 0.066666667
## 6324	0.000000	106.00000	4590.381905 0.001851852
## 6325	0.000000	3.00000	60.400000 0.000000000
## 6326	0.000000	4.00000	35.927778 0.000000000
## 6327	0.000000	45.00000	1526.141190 0.000000000
## 6328	0.000000	49.00000	1463.480000 0.004081633
## 6329	0.000000	38.00000	585.370000 0.017948718
## 6330	0.000000	7.00000	211.633333 0.000000000
## 6331	0.000000	23.00000	271.578571 0.000000000
## 6332	0.000000	30.00000	363.677619 0.003030303
## 6333	0.000000	5.00000	274.700000 0.000000000
## 6334	1655.400000	80.00000	1249.048358 0.003571429
## 6335	0.000000	13.00000	261.800000 0.015384615
## 6336	0.000000	5.00000	89.866667 0.040000000
## 6337	0.000000	3.00000	28.200000 0.000000000
## 6338	0.000000	3.00000	54.400000 0.066666667
## 6339	0.000000	17.00000	237.606667 0.000000000
## 6340	0.000000	18.00000	929.200000 0.000000000
## 6341	0.000000	19.00000	158.933333 0.000000000
## 6342	38.200000	102.00000	6684.520952 0.002181818
## 6343	42.400000	120.00000	7604.397831 0.015762274
## 6344	43.400000	31.00000	1108.653333 0.006060606
## 6345	0.000000	31.00000	2285.200000 0.006451613
## 6346	0.000000	54.00000	1256.293333 0.010344828
## 6347	0.000000	13.00000	183.650000 0.000000000
## 6348	0.000000	8.00000	232.000000 0.000000000
## 6349	0.000000	1.00000	101.272727 0.000000000

## 6350	0.000000	15.00000	443.566667	0.000000000
## 6351	468.400000	15.00000	1388.000000	0.003703704
## 6352	0.000000	17.00000	557.400000	0.000000000
## 6353	0.000000	24.00000	1004.383333	0.000000000
## 6354	0.000000	11.00000	113.800000	0.083333333
## 6355	0.000000	9.00000	249.410000	0.022222222
## 6356	0.000000	16.00000	743.531429	0.010000000
## 6357	0.000000	24.00000	809.433333	0.012800000
## 6358	44.400000	37.00000	400.800000	0.005128205
## 6359	0.000000	28.00000	951.441270	0.013793103
## 6360	0.000000	5.00000	86.600000	0.000000000
## 6361	0.000000	2.00000	30.400000	0.000000000
## 6362	0.000000	6.00000	339.500000	0.000000000
## 6363	0.000000	27.00000	1010.633333	0.000000000
## 6364	29.200000	97.00000	4318.668082	0.002520046
## 6365	10.000000	274.00000	5876.459165	0.002431163
## 6366	0.000000	4.00000	25.800000	0.000000000
## 6367	0.000000	22.00000	502.508333	0.000000000
## 6368	348.600000	6.00000	233.166667	0.044444444
## 6369	0.000000	13.00000	257.933333	0.000000000
## 6370	0.000000	4.00000	236.800000	0.000000000
## 6371	0.000000	4.00000	101.800000	0.000000000
## 6372	0.000000	13.00000	266.800000	0.000000000
## 6373	0.000000	129.00000	3778.345000	0.010687023
## 6374	0.000000	33.00000	598.761111	0.000000000
## 6375	0.000000	221.00000	3111.362121	0.000000000
## 6376	0.000000	32.00000	897.361905	0.005882353
## 6377	0.000000	24.00000	2159.500000	0.000000000
## 6378	1529.200000	23.00000	2128.704568	0.005714286
## 6379	0.000000	14.00000	1261.316667	0.000000000
## 6380	28.400000	2.00000	5.000000	0.000000000
## 6381	0.000000	1.00000	0.000000	0.200000000
## 6382	0.000000	2.00000	48.400000	0.000000000
## 6383	26.200000	109.00000	3297.491311	0.006140351
## 6384	0.000000	7.00000	431.533333	0.000000000
## 6385	31.200000	52.00000	1761.156667	0.003703704
## 6386	0.000000	1.00000	0.000000	0.200000000
## 6387	0.000000	12.00000	271.000000	0.000000000
## 6388	0.000000	240.00000	5523.926505	0.000000000
## 6389	0.000000	19.00000	263.712857	0.000000000
## 6390	0.000000	3.00000	1225.200000	0.000000000
## 6391	0.000000	4.00000	98.600000	0.000000000
## 6392	112.800000	10.00000	390.200000	0.000000000
## 6393	0.000000	8.00000	272.900000	0.050000000
## 6394	211.600000	162.00000	6117.814359	0.000000000
## 6395	0.000000	90.00000	8024.509197	0.008247423
## 6396	0.000000	4.00000	18.200000	0.150000000
## 6397	44.400000	54.00000	2240.996667	0.027118644
## 6398	251.800000	53.00000	2525.307766	0.000000000
## 6399	0.000000	12.00000	267.800000	0.025000000
## 6400	6.000000	47.00000	1101.803333	0.000000000
## 6401	0.000000	28.00000	877.666667	0.000000000
## 6402	0.000000	19.00000	401.900000	0.056140351
## 6403	0.000000	26.00000	360.181667	0.000000000

## 6404	0.000000	19.00000	923.220000	0.000000000
## 6405	0.000000	36.00000	983.425000	0.000000000
## 6406	0.000000	8.00000	41.133333	0.025000000
## 6407	0.000000	7.00000	789.533333	0.025000000
## 6408	14.000000	33.00000	898.491579	0.004269006
## 6409	0.000000	110.00000	10278.904210	0.012800000
## 6410	0.000000	1.00000	57.400000	0.000000000
## 6411	0.000000	123.00000	3886.823333	0.002090592
## 6412	0.000000	28.00000	627.654286	0.007142857
## 6413	0.000000	2.00000	16.200000	0.000000000
## 6414	53.000000	6.00000	92.700000	0.000000000
## 6415	0.000000	54.00000	3708.392857	0.002631579
## 6416	0.000000	23.00000	721.183333	0.000000000
## 6417	0.000000	3.00000	132.400000	0.000000000
## 6418	0.000000	22.00000	722.133333	0.018181818
## 6419	27.600000	11.00000	1167.187143	0.030769231
## 6420	560.000000	16.00000	810.833333	0.000000000
## 6421	0.000000	20.00000	234.016667	0.016000000
## 6422	0.000000	6.00000	252.300000	0.000000000
## 6423	0.000000	11.00000	71.350000	0.000000000
## 6424	0.000000	83.00000	1543.423333	0.028048780
## 6425	0.000000	21.00000	1429.616667	0.000000000
## 6426	0.000000	16.00000	2214.666667	0.000000000
## 6427	100.200000	17.00000	1770.800000	0.026315789
## 6428	0.000000	1.00000	0.000000	0.200000000
## 6429	0.000000	20.00000	293.033333	0.019047619
## 6430	0.000000	17.00000	300.766667	0.004761905
## 6431	0.000000	32.00000	2230.600476	0.012500000
## 6432	28.200000	130.00000	4994.848002	0.019799499
## 6433	0.000000	8.00000	533.300000	0.000000000
## 6434	0.000000	53.00000	1572.816667	0.007017544
## 6435	5.000000	5.00000	122.400000	0.028571429
## 6436	0.000000	18.00000	426.066667	0.000000000
## 6437	0.000000	16.00000	161.150000	0.100000000
## 6438	0.000000	59.00000	458.610000	0.006779661
## 6439	0.000000	20.00000	252.983333	0.008333333
## 6440	0.000000	135.00000	7091.697778	0.019259259
## 6441	379.000000	5.00000	74.600000	0.000000000
## 6442	0.000000	43.00000	674.533333	0.000000000
## 6443	0.000000	8.00000	194.228571	0.075000000
## 6444	0.000000	22.00000	1076.650000	0.023809524
## 6445	0.000000	3.00000	41.400000	0.000000000
## 6446	0.000000	46.00000	1376.300000	0.008163265
## 6447	91.200000	24.00000	1017.775758	0.052564103
## 6448	0.000000	31.00000	824.860000	0.000000000
## 6449	0.000000	6.00000	273.800000	0.000000000
## 6450	0.000000	4.00000	75.600000	0.000000000
## 6451	0.000000	7.00000	106.966667	0.025000000
## 6452	0.000000	3.00000	27.600000	0.000000000
## 6453	0.000000	13.00000	338.200000	0.030769231
## 6454	0.000000	21.00000	987.770000	0.015238095
## 6455	812.000000	113.00000	3282.583983	0.007377049
## 6456	0.000000	3.00000	51.300000	0.000000000
## 6457	0.000000	32.00000	796.706667	0.027027027

## 6458	0.000000	26.00000	587.900000	0.023076923
## 6459	0.000000	1.00000	0.000000	0.200000000
## 6460	0.000000	0.00000	0.000000	0.000000000
## 6461	0.000000	44.00000	2149.190195	0.027053140
## 6462	0.000000	51.00000	507.500000	0.007843137
## 6463	0.000000	17.00000	930.366667	0.018181818
## 6464	0.000000	39.00000	794.713115	0.032954545
## 6465	0.000000	27.00000	1739.575000	0.038095238
## 6466	0.000000	115.00000	4424.621667	0.004273504
## 6467	0.000000	7.00000	897.800000	0.000000000
## 6468	0.000000	73.00000	891.568795	0.000000000
## 6469	0.000000	60.00000	1516.730000	0.007936508
## 6470	34.300000	42.00000	1713.216190	0.062222222
## 6471	0.000000	211.00000	7442.388149	0.012735849
## 6472	0.000000	7.00000	245.400000	0.025000000
## 6473	0.000000	42.00000	922.300000	0.019047619
## 6474	0.000000	30.00000	425.033333	0.000000000
## 6475	0.000000	68.00000	2889.946154	0.002898551
## 6476	0.000000	15.00000	614.640952	0.000000000
## 6477	0.000000	2.00000	150.600000	0.000000000
## 6478	0.000000	87.00000	3898.816667	0.000000000
## 6479	0.000000	13.00000	381.616667	0.000000000
## 6480	5.500000	227.00000	3818.308629	0.007264957
## 6481	0.000000	11.00000	169.166667	0.000000000
## 6482	0.000000	24.00000	1433.163333	0.008333333
## 6483	0.000000	7.00000	81.666667	0.033333333
## 6484	0.000000	9.00000	348.540000	0.000000000
## 6485	0.000000	19.00000	447.716667	0.000000000
## 6486	0.000000	41.00000	1678.400000	0.031060606
## 6487	0.000000	50.00000	1388.052366	0.008611111
## 6488	212.800000	36.00000	1335.773333	0.014285714
## 6489	186.500000	51.00000	2921.902778	0.013661202
## 6490	0.000000	18.00000	535.399524	0.000000000
## 6491	0.000000	18.00000	650.133333	0.050000000
## 6492	0.000000	37.00000	841.358333	0.000724638
## 6493	0.000000	17.00000	544.100000	0.000000000
## 6494	0.000000	9.00000	626.600000	0.000000000
## 6495	0.000000	86.00000	5332.547778	0.013882353
## 6496	0.000000	2.00000	44.400000	0.000000000
## 6497	0.000000	36.00000	725.333333	0.005714286
## 6498	0.000000	5.00000	0.000000	0.200000000
## 6499	0.000000	23.00000	297.300000	0.013636364
## 6500	0.000000	45.00000	1096.420000	0.041945289
## 6501	39.400000	6.00000	169.966667	0.000000000
## 6502	0.000000	42.00000	2084.479524	0.004761905
## 6503	12.500000	9.00000	979.000000	0.010256410
## 6504	0.000000	9.00000	208.833333	0.000000000
## 6505	0.000000	70.00000	1438.710000	0.011351351
## 6506	0.000000	159.00000	2184.484938	0.001851852
## 6507	0.000000	28.00000	803.583333	0.007142857
## 6508	0.000000	9.00000	133.366667	0.054545455
## 6509	0.000000	44.00000	1535.666667	0.012765957
## 6510	239.200000	3.00000	78.500000	0.000000000
## 6511	72.600000	44.00000	531.720000	0.000000000

## 6512	0.000000	46.00000	1805.146667	0.012244898
## 6513	0.000000	115.00000	5284.816825	0.000000000
## 6514	12.000000	12.00000	245.600000	0.000000000
## 6515	0.000000	24.00000	950.016667	0.009090909
## 6516	37.300000	7.00000	70.466667	0.058333333
## 6517	0.000000	162.00000	5721.800123	0.001142857
## 6518	0.000000	9.00000	336.883333	0.000000000
## 6519	67.400000	24.00000	428.300000	0.000000000
## 6520	0.000000	10.00000	163.900000	0.000000000
## 6521	0.000000	4.00000	44.400000	0.000000000
## 6522	733.800000	168.00000	4948.398759	0.006631763
## 6523	0.000000	59.00000	3296.550000	0.006666667
## 6524	69.400000	161.00000	7263.957157	0.003592814
## 6525	0.000000	10.00000	107.200000	0.018181818
## 6526	31.200000	18.00000	792.733333	0.013043478
## 6527	0.000000	28.00000	1555.601212	0.000000000
## 6528	97.640000	107.00000	3173.210417	0.003138528
## 6529	0.000000	11.00000	119.200000	0.000000000
## 6530	0.000000	26.00000	2021.400000	0.007692308
## 6531	0.000000	2.00000	12.000000	0.000000000
## 6532	0.000000	8.00000	65.400000	0.050000000
## 6533	0.000000	31.00000	493.580000	0.000000000
## 6534	0.000000	37.00000	1048.663333	0.000000000
## 6535	0.000000	55.00000	1023.506667	0.000000000
## 6536	0.000000	5.00000	44.800000	0.000000000
## 6537	17.200000	93.00000	5496.250000	0.003191489
## 6538	0.000000	20.00000	526.800000	0.000000000
## 6539	244.300000	14.00000	307.443506	0.044444444
## 6540	85.140000	50.00000	1558.620000	0.003636364
## 6541	0.000000	30.00000	469.100000	0.000000000
## 6542	0.000000	16.00000	357.400000	0.000000000
## 6543	0.000000	42.00000	2197.000000	0.000000000
## 6544	0.000000	6.00000	146.400000	0.022222222
## 6545	0.000000	15.00000	150.400000	0.000000000
## 6546	0.000000	34.00000	1062.704762	0.005405405
## 6547	0.000000	16.00000	566.486667	0.000000000
## 6548	6.000000	33.00000	1017.576667	0.013157895
## 6549	0.000000	16.00000	690.313333	0.028571429
## 6550	0.000000	4.00000	487.600000	0.000000000
## 6551	0.000000	1.00000	0.000000	0.200000000
## 6552	0.000000	2.00000	9.000000	0.000000000
## 6553	0.000000	3.00000	24.000000	0.000000000
## 6554	0.000000	18.00000	447.166667	0.008695652
## 6555	0.000000	22.00000	1190.941667	0.000000000
## 6556	96.800000	26.00000	600.573333	0.013793103
## 6557	0.000000	3.00000	34.200000	0.066666667
## 6558	0.000000	28.00000	527.833333	0.029629630
## 6559	0.000000	72.00000	1933.559259	0.005333333
## 6560	0.000000	27.00000	1165.944762	0.000000000
## 6561	6.000000	21.00000	280.650000	0.031313131
## 6562	108.300000	44.00000	2982.063248	0.016352201
## 6563	0.000000	1.00000	7.000000	0.000000000
## 6564	0.000000	9.00000	152.000000	0.111111111
## 6565	0.000000	67.00000	1784.755219	0.000352113

## 6566	0.000000	2.00000	45.700000	0.000000000
## 6567	0.000000	22.00000	1805.083333	0.000000000
## 6568	141.880000	29.00000	1293.652222	0.002631579
## 6569	0.000000	20.00000	616.500000	0.000000000
## 6570	0.000000	3.00000	111.800000	0.000000000
## 6571	0.000000	77.00000	3107.173333	0.002597403
## 6572	0.000000	15.00000	478.260000	0.000000000
## 6573	0.000000	15.00000	598.600000	0.000000000
## 6574	0.000000	41.00000	747.907778	0.027526132
## 6575	0.000000	140.00000	2810.797158	0.001909722
## 6576	0.000000	29.00000	453.900000	0.101149425
## 6577	0.000000	1.00000	4.000000	0.000000000
## 6578	105.133333	17.00000	526.376191	0.052941176
## 6579	0.000000	17.00000	864.998333	0.025000000
## 6580	0.000000	2.00000	252.800000	0.000000000
## 6581	0.000000	15.00000	269.400000	0.053333333
## 6582	0.000000	34.00000	817.433333	0.000000000
## 6583	0.000000	40.00000	589.500000	0.018333333
## 6584	0.000000	22.00000	812.135714	0.008333333
## 6585	0.000000	35.00000	1795.925000	0.000000000
## 6586	94.800000	23.00000	890.195238	0.000000000
## 6587	260.000000	42.00000	443.499048	0.000000000
## 6588	0.000000	4.00000	60.600000	0.025000000
## 6589	0.000000	13.00000	748.233333	0.000000000
## 6590	0.000000	1.00000	0.000000	0.200000000
## 6591	0.000000	21.00000	423.500000	0.000000000
## 6592	790.006667	57.00000	1720.444748	0.000980392
## 6593	28.200000	24.00000	203.067778	0.000000000
## 6594	0.000000	9.00000	396.000000	0.000000000
## 6595	51.400000	429.00000	9661.585763	0.003044140
## 6596	0.000000	39.00000	639.493333	0.000000000
## 6597	0.000000	65.00000	934.870427	0.008080808
## 6598	0.000000	54.00000	3371.050000	0.003773585
## 6599	4.000000	13.00000	279.833333	0.000000000
## 6600	0.000000	3.00000	58.600000	0.000000000
## 6601	0.000000	63.00000	3908.754762	0.000000000
## 6602	105.800000	44.00000	868.163636	0.000000000
## 6603	0.000000	16.00000	176.100000	0.000000000
## 6604	0.000000	22.00000	699.267143	0.028571429
## 6605	299.033333	686.00000	23342.082050	0.009853301
## 6606	173.540000	27.00000	1581.488310	0.000000000
## 6607	0.000000	16.00000	246.393333	0.044444444
## 6608	0.000000	28.00000	789.126667	0.010000000
## 6609	0.000000	11.00000	203.980000	0.000000000
## 6610	144.200000	136.00000	5944.387373	0.011252599
## 6611	0.000000	1.00000	0.000000	0.200000000
## 6612	0.000000	37.00000	1113.898538	0.016666667
## 6613	0.000000	6.00000	119.600000	0.000000000
## 6614	0.000000	13.00000	386.300000	0.000000000
## 6615	0.000000	2.00000	20.100000	0.000000000
## 6616	0.000000	92.00000	2451.346667	0.007692308
## 6617	0.000000	8.00000	349.000000	0.020000000
## 6618	13.100000	62.00000	1918.966667	0.010317460
## 6619	11.400000	43.00000	763.661429	0.004545455

## 6620	0.000000	6.00000	185.400000	0.000000000
## 6621	0.000000	1.00000	0.000000	0.200000000
## 6622	0.000000	14.00000	317.066667	0.035714286
## 6623	0.000000	4.00000	72.400000	0.100000000
## 6624	0.000000	39.00000	1003.380000	0.068292683
## 6625	0.000000	4.00000	90.800000	0.000000000
## 6626	0.000000	91.00000	4157.633333	0.010000000
## 6627	0.000000	47.00000	830.341167	0.004421769
## 6628	0.000000	24.00000	1015.300000	0.000000000
## 6629	0.000000	120.00000	2872.719031	0.000226757
## 6630	16.133333	9.00000	229.883333	0.000000000
## 6631	148.100000	39.00000	2237.775000	0.004761905
## 6632	40.800000	72.00000	1548.194444	0.000000000
## 6633	49.400000	16.00000	703.300000	0.000000000
## 6634	0.000000	77.00000	999.013333	0.013636364
## 6635	103.800000	27.00000	1211.066667	0.022580645
## 6636	14.200000	30.00000	2472.240000	0.035370370
## 6637	0.000000	71.00000	1057.200000	0.122222222
## 6638	0.000000	7.00000	1721.666667	0.038095238
## 6639	0.000000	1.00000	0.000000	0.200000000
## 6640	131.000000	53.00000	3271.030448	0.000000000
## 6641	0.000000	17.00000	601.033333	0.062745098
## 6642	0.000000	25.00000	1017.966667	0.008333333
## 6643	0.000000	15.00000	336.138333	0.000000000
## 6644	0.000000	39.00000	1858.566667	0.000000000
## 6645	0.000000	27.00000	787.243333	0.005882353
## 6646	0.000000	12.00000	305.240000	0.000000000
## 6647	92.333333	31.00000	892.724444	0.000000000
## 6648	0.000000	89.00000	2577.960349	0.012852234
## 6649	594.133333	39.00000	922.400606	0.000000000
## 6650	0.000000	38.00000	3872.716667	0.000000000
## 6651	7.000000	4.00000	53.200000	0.028571429
## 6652	0.000000	14.00000	260.866667	0.000000000
## 6653	0.000000	22.00000	814.709394	0.004000000
## 6654	98.800000	84.00000	8365.602222	0.008914729
## 6655	0.000000	12.00000	2339.207143	0.011111111
## 6656	0.000000	28.00000	2102.750000	0.058928571
## 6657	0.000000	18.00000	1014.200000	0.000000000
## 6658	0.000000	34.00000	1463.800000	0.006060606
## 6659	0.000000	53.00000	1121.433333	0.007843137
## 6660	0.000000	10.00000	63.600000	0.090909091
## 6661	0.000000	11.00000	394.000000	0.000000000
## 6662	0.000000	167.00000	3890.865924	0.002339181
## 6663	1236.200000	27.00000	1483.457143	0.022222222
## 6664	0.000000	1.00000	0.000000	0.200000000
## 6665	0.000000	87.00000	1764.180047	0.007007576
## 6666	194.400000	8.00000	197.900000	0.036363636
## 6667	0.000000	20.00000	676.600000	0.008421053
## 6668	0.000000	18.00000	860.560317	0.000000000
## 6669	0.000000	47.00000	3633.953333	0.001307190
## 6670	365.966667	31.00000	538.720000	0.014035088
## 6671	0.000000	47.00000	1299.833333	0.008333333
## 6672	0.000000	30.00000	1126.392821	0.000000000
## 6673	0.000000	130.00000	3507.365152	0.022807018

## 6674	0.000000	18.00000	4916.583333	0.013636364
## 6675	8.100000	17.00000	1180.366667	0.010526316
## 6676	0.000000	1.00000	0.000000	0.200000000
## 6677	341.600000	92.00000	2668.712121	0.018556202
## 6678	622.400000	85.00000	3684.855282	0.000934579
## 6679	0.000000	1.00000	0.000000	0.200000000
## 6680	0.000000	28.00000	559.866667	0.003448276
## 6681	0.000000	4.00000	102.200000	0.000000000
## 6682	0.000000	11.00000	98.100000	0.035555556
## 6683	0.000000	98.00000	12449.900000	0.002291667
## 6684	53.400000	9.00000	338.340000	0.000000000
## 6685	0.000000	20.00000	531.560000	0.000000000
## 6686	0.000000	17.00000	231.000000	0.016000000
## 6687	0.000000	23.00000	2244.416667	0.000000000
## 6688	0.000000	18.00000	721.800000	0.010000000
## 6689	0.000000	9.00000	372.600000	0.000000000
## 6690	385.800000	41.00000	1194.988132	0.000000000
## 6691	24.700000	149.00000	8147.111565	0.011111111
## 6692	0.000000	17.00000	200.950000	0.000000000
## 6693	0.000000	7.00000	132.883333	0.000000000
## 6694	0.000000	4.00000	51.300000	0.000000000
## 6695	0.000000	32.00000	707.700000	0.025000000
## 6696	0.000000	5.00000	744.800000	0.000000000
## 6697	0.000000	88.00000	1568.533333	0.000000000
## 6698	0.000000	67.00000	1553.696667	0.008571429
## 6699	0.000000	7.00000	35.166667	0.000000000
## 6700	380.957143	102.00000	3025.290325	0.014102564
## 6701	0.000000	21.00000	881.350000	0.000000000
## 6702	0.000000	22.00000	539.835714	0.000000000
## 6703	0.000000	7.00000	221.400000	0.025000000
## 6704	0.000000	5.00000	280.200000	0.000000000
## 6705	0.000000	8.00000	32.200000	0.125000000
## 6706	189.400000	10.00000	297.166667	0.000000000
## 6707	0.000000	27.00000	1051.550000	0.008620690
## 6708	0.000000	518.00000	11976.721350	0.000038300
## 6709	0.000000	4.00000	8.000000	0.085714286
## 6710	0.000000	23.00000	619.480000	0.007692308
## 6711	0.000000	18.00000	536.085714	0.000000000
## 6712	0.000000	26.00000	892.000000	0.000000000
## 6713	0.000000	6.00000	181.266667	0.018181818
## 6714	245.171429	101.00000	3558.576942	0.008636364
## 6715	99.600000	13.00000	534.483333	0.000000000
## 6716	0.000000	2.00000	0.000000	0.200000000
## 6717	0.000000	55.00000	872.591667	0.000000000
## 6718	113.800000	256.00000	13453.251030	0.000000000
## 6719	49.300000	13.00000	700.550000	0.000000000
## 6720	0.000000	2.00000	338.000000	0.000000000
## 6721	0.000000	25.00000	243.466667	0.016000000
## 6722	0.000000	1.00000	74.600000	0.100000000
## 6723	0.000000	29.00000	443.500000	0.000000000
## 6724	0.000000	62.00000	1846.666667	0.006060606
## 6725	0.000000	40.00000	526.685397	0.015609756
## 6726	0.000000	16.00000	368.466667	0.000000000
## 6727	0.000000	2.00000	689.100000	0.000000000

## 6728	0.000000	44.00000	725.200000	0.008888889
## 6729	0.000000	13.00000	167.500000	0.000000000
## 6730	30.200000	52.00000	1968.942963	0.004166667
## 6731	0.000000	1.00000	0.000000	0.200000000
## 6732	14.200000	32.00000	591.720000	0.032432432
## 6733	2.000000	33.00000	2601.231408	0.005882353
## 6734	0.000000	5.00000	109.800000	0.120000000
## 6735	0.000000	11.00000	1197.800000	0.000000000
## 6736	0.000000	4.00000	59.400000	0.000000000
## 6737	0.000000	3.00000	50.400000	0.000000000
## 6738	152.200000	47.00000	906.116667	0.000000000
## 6739	0.000000	10.00000	204.600000	0.000000000
## 6740	0.000000	258.00000	3637.985674	0.000781250
## 6741	0.000000	255.00000	8467.584379	0.017351104
## 6742	0.000000	30.00000	1372.455556	0.012903226
## 6743	0.000000	8.00000	32.100000	0.028571429
## 6744	0.000000	29.00000	919.899524	0.000000000
## 6745	48.300000	111.00000	3276.190541	0.008800000
## 6746	146.000000	23.00000	1249.216667	0.015384615
## 6747	0.000000	11.00000	663.500000	0.000000000
## 6748	0.000000	8.00000	198.900000	0.087500000
## 6749	141.000000	7.00000	307.866667	0.000000000
## 6750	0.000000	6.00000	1561.200000	0.028571429
## 6751	0.000000	1.00000	0.000000	0.200000000
## 6752	0.000000	67.00000	3523.331111	0.002666667
## 6753	0.000000	45.00000	1387.267857	0.036507937
## 6754	41.200000	27.00000	572.873333	0.000000000
## 6755	66.133333	95.00000	2772.278333	0.024722222
## 6756	0.000000	23.00000	290.000000	0.000000000
## 6757	62.600000	84.00000	4941.698611	0.017647059
## 6758	232.733333	23.00000	1669.024978	0.000000000
## 6759	137.000000	56.00000	1775.890000	0.000000000
## 6760	0.000000	10.00000	1186.600000	0.020000000
## 6761	7.000000	10.00000	672.514286	0.000000000
## 6762	0.000000	12.00000	197.000000	0.000000000
## 6763	0.000000	30.00000	974.900000	0.006250000
## 6764	0.000000	12.00000	524.969231	0.000000000
## 6765	0.000000	7.00000	238.600000	0.018181818
## 6766	7.000000	72.00000	2163.569524	0.015492958
## 6767	0.000000	11.00000	553.343333	0.015384615
## 6768	0.000000	24.00000	985.000000	0.070833333
## 6769	186.233333	49.00000	1088.636905	0.015456989
## 6770	0.000000	8.00000	188.300000	0.000000000
## 6771	0.000000	10.00000	265.400000	0.000000000
## 6772	0.000000	43.00000	367.816667	0.043181818
## 6773	629.514286	27.00000	1161.479023	0.009803922
## 6774	0.000000	18.00000	490.300000	0.011111111
## 6775	93.600000	10.00000	427.066667	0.000000000
## 6776	0.000000	59.00000	2050.292399	0.010055755
## 6777	0.000000	1.00000	0.000000	0.200000000
## 6778	0.000000	15.00000	171.800000	0.013333333
## 6779	0.000000	97.00000	1643.365907	0.005666667
## 6780	0.000000	5.00000	42.200000	0.000000000
## 6781	183.800000	85.00000	1813.753466	0.000000000

## 6782	0.000000	28.00000	1203.720000	0.006250000
## 6783	18.200000	198.00000	8006.695205	0.002722772
## 6784	0.000000	12.00000	1226.100000	0.022222222
## 6785	0.000000	33.00000	451.189007	0.000000000
## 6786	0.000000	20.00000	600.396667	0.023333333
## 6787	0.000000	46.00000	3043.916667	0.030434783
## 6788	0.000000	2.00000	64.400000	0.000000000
## 6789	92.300000	86.00000	3908.033490	0.015178571
## 6790	99.800000	26.00000	1446.520523	0.019362745
## 6791	56.900000	80.00000	1242.063095	0.004545455
## 6792	0.000000	27.00000	422.533333	0.000000000
## 6793	0.000000	8.00000	137.700000	0.000000000
## 6794	0.000000	41.00000	1921.103070	0.014074074
## 6795	0.000000	53.00000	952.159820	0.015839126
## 6796	0.000000	34.00000	606.200000	0.000000000
## 6797	0.000000	81.00000	1839.130000	0.014682540
## 6798	0.000000	12.00000	399.066667	0.003030303
## 6799	0.000000	8.00000	168.200000	0.000000000
## 6800	0.000000	9.00000	145.900000	0.022222222
## 6801	0.000000	8.00000	244.000000	0.020000000
## 6802	0.000000	14.00000	624.433333	0.000000000
## 6803	64.400000	16.00000	273.706667	0.000000000
## 6804	0.000000	86.00000	2806.846825	0.001532567
## 6805	0.000000	19.00000	457.900000	0.000000000
## 6806	256.066667	125.00000	3674.803673	0.023134328
## 6807	438.700000	53.00000	1692.694155	0.012068966
## 6808	0.000000	6.00000	140.700000	0.000000000
## 6809	0.000000	2.00000	13.100000	0.000000000
## 6810	0.000000	45.00000	649.863204	0.006122449
## 6811	0.000000	2.00000	8.000000	0.000000000
## 6812	0.000000	69.00000	2183.007024	0.008552632
## 6813	0.000000	17.00000	835.418095	0.000000000
## 6814	0.000000	57.00000	2791.060635	0.000000000
## 6815	0.000000	30.00000	548.960000	0.005882353
## 6816	0.000000	14.00000	825.333333	0.000000000
## 6817	0.000000	6.00000	204.400000	0.000000000
## 6818	0.000000	12.00000	248.600000	0.000000000
## 6819	291.200000	68.00000	4100.255455	0.007631579
## 6820	108.800000	10.00000	322.366667	0.000000000
## 6821	36.200000	67.00000	2568.675541	0.039047619
## 6822	0.000000	2.00000	15.200000	0.000000000
## 6823	0.000000	6.00000	314.400000	0.000000000
## 6824	0.000000	24.00000	991.422222	0.000000000
## 6825	0.000000	10.00000	226.400000	0.015384615
## 6826	174.700000	75.00000	2549.529127	0.011818182
## 6827	249.800000	23.00000	700.580000	0.014285714
## 6828	0.000000	4.00000	111.133333	0.000000000
## 6829	20.200000	11.00000	473.833333	0.000000000
## 6830	31.700000	7.00000	93.900000	0.000000000
## 6831	0.000000	91.00000	1596.412698	0.001098901
## 6832	0.000000	7.00000	244.733333	0.018181818
## 6833	0.000000	70.00000	2094.138889	0.023611111
## 6834	0.000000	34.00000	620.130000	0.054285714
## 6835	101.800000	37.00000	1722.814286	0.001025641

## 6836	22.200000	15.00000	643.500000 0.000000000
## 6837	0.000000	8.00000	316.133333 0.000000000
## 6838	0.000000	11.00000	269.960000 0.000000000
## 6839	0.000000	80.00000	5046.056667 0.011084337
## 6840	0.000000	27.00000	473.083333 0.000000000
## 6841	0.000000	15.00000	340.100000 0.000000000
## 6842	477.600000	57.00000	1475.608427 0.016417910
## 6843	0.000000	15.00000	956.333333 0.013333333
## 6844	0.000000	4.00000	0.000000 0.200000000
## 6845	696.200000	37.00000	1305.527286 0.015384615
## 6846	0.000000	10.00000	299.500000 0.072222222
## 6847	0.000000	39.00000	706.200000 0.074774775
## 6848	0.000000	15.00000	272.500000 0.000000000
## 6849	0.000000	48.00000	1510.383333 0.008510638
## 6850	87.600000	88.00000	3634.585714 0.005563910
## 6851	0.000000	64.00000	1298.203260 0.003125000
## 6852	0.000000	10.00000	184.600000 0.000000000
## 6853	0.000000	15.00000	718.800000 0.000000000
## 6854	8.000000	95.00000	3715.777564 0.010101010
## 6855	0.000000	0.00000	0.000000 0.000000000
## 6856	218.650000	168.00000	4316.262171 0.003575419
## 6857	0.000000	19.00000	456.900000 0.000000000
## 6858	0.000000	21.00000	608.303333 0.000000000
## 6859	0.000000	35.00000	1113.783333 0.000000000
## 6860	0.000000	14.00000	487.320952 0.000000000
## 6861	11.000000	133.00000	10338.671770 0.000276040
## 6862	0.000000	10.00000	157.100000 0.011764706
## 6863	0.000000	37.00000	565.380000 0.024324324
## 6864	0.000000	14.00000	253.600000 0.000000000
## 6865	0.000000	41.00000	883.139524 0.017948718
## 6866	0.000000	37.00000	2960.971429 0.036936937
## 6867	0.000000	3.00000	66.400000 0.066666667
## 6868	70.600000	63.00000	5245.277619 0.002739726
## 6869	0.000000	26.00000	561.400000 0.000000000
## 6870	0.000000	19.00000	720.676667 0.000000000
## 6871	0.000000	17.00000	269.000000 0.034782609
## 6872	0.000000	60.00000	2072.605556 0.013793103
## 6873	0.000000	14.00000	199.490476 0.000000000
## 6874	0.000000	9.00000	1760.700000 0.000000000
## 6875	0.000000	7.00000	138.873333 0.000000000
## 6876	92.700000	160.00000	2006.593120 0.002453988
## 6877	0.000000	23.00000	620.033333 0.022222222
## 6878	114.200000	17.00000	806.650000 0.010000000
## 6879	0.000000	103.00000	2091.037588 0.007894737
## 6880	0.000000	11.00000	285.600000 0.000000000
## 6881	89.533333	87.00000	4131.156044 0.006593407
## 6882	0.000000	3.00000	14.000000 0.000000000
## 6883	0.000000	21.00000	216.700000 0.000000000
## 6884	34.200000	69.00000	3051.525518 0.000714286
## 6885	0.000000	2.00000	836.200000 0.000000000
## 6886	0.000000	27.00000	264.400000 0.044444444
## 6887	0.000000	42.00000	906.233333 0.000000000
## 6888	0.000000	39.00000	581.941988 0.000000000
## 6889	0.000000	79.00000	1828.884048 0.000000000

## 6890	0.000000	28.00000	219.800000	0.000000000
## 6891	0.000000	22.00000	383.200000	0.002666667
## 6892	28.200000	29.00000	852.000000	0.006250000
## 6893	0.000000	26.00000	433.636667	0.000000000
## 6894	5.000000	13.00000	354.283333	0.035294118
## 6895	0.000000	3.00000	43.400000	0.066666667
## 6896	0.000000	12.00000	1653.600000	0.016666667
## 6897	0.000000	7.00000	169.986667	0.012500000
## 6898	0.000000	17.00000	649.020000	0.000000000
## 6899	48.300000	54.00000	2802.367821	0.009289968
## 6900	0.000000	39.00000	1429.501111	0.005263158
## 6901	0.000000	2.00000	8.000000	0.000000000
## 6902	0.000000	7.00000	534.000000	0.000000000
## 6903	0.000000	7.00000	216.333333	0.000000000
## 6904	0.000000	6.00000	156.200000	0.014285714
## 6905	0.000000	5.00000	278.000000	0.000000000
## 6906	0.000000	63.00000	2593.808333	0.036507937
## 6907	69.400000	13.00000	1316.533333	0.011764706
## 6908	0.000000	27.00000	925.293333	0.014814815
## 6909	0.000000	25.00000	349.696970	0.000000000
## 6910	0.000000	3.00000	40.400000	0.000000000
## 6911	0.000000	5.00000	141.200000	0.000000000
## 6912	0.000000	358.00000	9760.690488	0.000830955
## 6913	6.000000	28.00000	677.533333	0.000000000
## 6914	0.000000	1.00000	0.000000	0.200000000
## 6915	0.000000	25.00000	733.166667	0.006896552
## 6916	0.000000	5.00000	60.400000	0.000000000
## 6917	321.400000	91.00000	6418.819048	0.018181818
## 6918	608.450000	213.00000	9151.494242	0.003111111
## 6919	47.400000	8.00000	97.900000	0.050000000
## 6920	0.000000	4.00000	39.200000	0.000000000
## 6921	0.000000	5.00000	137.000000	0.000000000
## 6922	0.000000	26.00000	409.300000	0.007692308
## 6923	34.800000	6.00000	106.300000	0.000000000
## 6924	0.000000	8.00000	1340.300000	0.000000000
## 6925	0.000000	2.00000	0.000000	0.200000000
## 6926	0.000000	3.00000	47.200000	0.033333333
## 6927	21.200000	39.00000	1110.966667	0.004255319
## 6928	0.000000	19.00000	346.133333	0.000000000
## 6929	0.000000	55.00000	2846.295305	0.010344828
## 6930	801.800000	12.00000	235.300000	0.002777778
## 6931	0.000000	27.00000	770.313333	0.006060606
## 6932	0.000000	27.00000	1544.533333	0.048148148
## 6933	0.000000	72.00000	3220.887143	0.024937343
## 6934	0.000000	19.00000	621.726667	0.010526316
## 6935	22.133333	44.00000	1100.789082	0.008510638
## 6936	0.000000	1.00000	19.200000	0.000000000
## 6937	0.000000	30.00000	775.888333	0.000000000
## 6938	0.000000	42.00000	1481.866667	0.004761905
## 6939	0.000000	7.00000	49.866667	0.085714286
## 6940	0.000000	43.00000	811.380952	0.006122449
## 6941	0.000000	33.00000	889.720000	0.012121212
## 6942	0.000000	16.00000	473.283333	0.000000000
## 6943	56.400000	31.00000	577.650000	0.011764706

## 6944	0.000000	66.00000	1364.873333	0.017187500
## 6945	0.000000	43.00000	778.643723	0.010232558
## 6946	0.000000	27.00000	213.015714	0.000000000
## 6947	29.200000	12.00000	303.246429	0.000000000
## 6948	0.000000	5.00000	95.100000	0.066666667
## 6949	0.000000	2.00000	48.400000	0.000000000
## 6950	276.000000	25.00000	641.800000	0.006451613
## 6951	0.000000	18.00000	345.120000	0.044444444
## 6952	0.000000	16.00000	164.813333	0.038095238
## 6953	0.000000	6.00000	86.400000	0.000000000
## 6954	0.000000	23.00000	373.500000	0.019047619
## 6955	0.000000	58.00000	1076.073649	0.000000000
## 6956	0.000000	90.00000	1816.555008	0.000000000
## 6957	0.000000	10.00000	175.350000	0.000000000
## 6958	0.000000	5.00000	71.400000	0.000000000
## 6959	322.800000	191.00000	3677.258176	0.009105691
## 6960	0.000000	3.00000	364.700000	0.000000000
## 6961	0.000000	7.00000	414.866667	0.000000000
## 6962	0.000000	26.00000	234.800000	0.050000000
## 6963	0.000000	3.00000	0.000000	0.200000000
## 6964	0.000000	16.00000	445.333333	0.004444444
## 6965	106.800000	68.00000	1607.173333	0.011392405
## 6966	0.000000	14.00000	343.520000	0.000000000
## 6967	9.000000	18.00000	330.533333	0.000000000
## 6968	0.000000	10.00000	70.933333	0.000000000
## 6969	0.000000	26.00000	2064.500000	0.000000000
## 6970	0.000000	47.00000	1475.366667	0.010638298
## 6971	0.000000	7.00000	999.800000	0.009523810
## 6972	0.000000	10.00000	728.180000	0.018181818
## 6973	0.000000	33.00000	668.033333	0.000000000
## 6974	62.400000	23.00000	708.166667	0.000000000
## 6975	0.000000	31.00000	663.277778	0.005882353
## 6976	68.400000	2.00000	44.666667	0.000000000
## 6977	15.200000	29.00000	1107.216667	0.006060606
## 6978	0.000000	27.00000	696.900000	0.000000000
## 6979	0.000000	37.00000	747.480000	0.041463415
## 6980	0.000000	10.00000	447.133333	0.000000000
## 6981	0.000000	29.00000	1352.976722	0.011250000
## 6982	0.000000	8.00000	159.900000	0.000000000
## 6983	0.000000	282.00000	4339.924841	0.002040816
## 6984	0.000000	128.00000	2787.692619	0.003125000
## 6985	137.816667	7.00000	197.066667	0.000000000
## 6986	0.000000	27.00000	785.050000	0.044047619
## 6987	0.000000	9.00000	198.700000	0.000000000
## 6988	0.000000	71.00000	3044.356667	0.000000000
## 6989	0.000000	16.00000	742.209524	0.000000000
## 6990	0.000000	22.00000	987.600000	0.009090909
## 6991	0.000000	3.00000	0.000000	0.080000000
## 6992	0.000000	12.00000	251.200000	0.061904762
## 6993	47.640000	193.00000	5946.275777	0.000000000
## 6994	136.171429	13.00000	847.614286	0.013333333
## 6995	0.000000	64.00000	3038.380000	0.017534722
## 6996	0.000000	22.00000	347.666667	0.021212121
## 6997	0.000000	26.00000	710.000000	0.003846154

## 6998	0.000000	3.00000	19.000000 0.000000000
## 6999	29.200000	39.00000	2251.116667 0.006818182
## 7000	0.000000	36.00000	940.104427 0.000000000
## 7001	0.000000	26.00000	1145.170000 0.000000000
## 7002	0.000000	12.00000	672.700000 0.000000000
## 7003	0.000000	2.00000	47.400000 0.000000000
## 7004	0.000000	54.00000	4749.250000 0.004938272
## 7005	0.000000	22.00000	494.633333 0.000000000
## 7006	161.966667	52.00000	591.154206 0.000000000
## 7007	23.533333	21.00000	568.963333 0.000000000
## 7008	0.000000	18.00000	1051.420000 0.009523810
## 7009	0.000000	122.00000	1655.570000 0.000000000
## 7010	2.000000	76.00000	1464.209618 0.009803094
## 7011	53.400000	45.00000	1372.875238 0.004166667
## 7012	0.000000	45.00000	1424.804887 0.000000000
## 7013	26.100000	10.00000	186.700000 0.000000000
## 7014	195.400000	111.00000	4022.812148 0.003571429
## 7015	0.000000	17.00000	1338.800000 0.058823529
## 7016	0.000000	3.00000	77.000000 0.000000000
## 7017	0.000000	13.00000	238.533333 0.000000000
## 7018	924.000000	45.00000	3198.186667 0.004000000
## 7019	0.000000	62.00000	1875.103333 0.003278689
## 7020	0.000000	30.00000	684.600000 0.019354839
## 7021	0.000000	17.00000	348.850000 0.000000000
## 7022	0.000000	28.00000	319.277143 0.042857143
## 7023	0.000000	22.00000	2006.046667 0.007142857
## 7024	0.000000	2.00000	12.000000 0.000000000
## 7025	0.000000	74.00000	1146.469048 0.021621622
## 7026	256.750000	40.00000	1773.610152 0.004255319
## 7027	0.000000	52.00000	1218.100000 0.001282051
## 7028	0.000000	37.00000	4339.366667 0.009009009
## 7029	0.000000	45.00000	580.935714 0.004444444
## 7030	0.000000	8.00000	69.400000 0.090909091
## 7031	0.000000	54.00000	2593.100000 0.018181818
## 7032	0.000000	10.00000	208.000000 0.000000000
## 7033	0.000000	17.00000	495.100000 0.000000000
## 7034	14.600000	37.00000	1123.993333 0.000696864
## 7035	0.000000	13.00000	860.770000 0.020952381
## 7036	0.000000	57.00000	2163.960000 0.039285714
## 7037	0.000000	20.00000	679.566667 0.000000000
## 7038	0.000000	9.00000	724.760000 0.000000000
## 7039	0.000000	26.00000	1030.060000 0.000000000
## 7040	0.000000	30.00000	717.466667 0.006666667
## 7041	6.000000	123.00000	2396.272456 0.000902151
## 7042	5.000000	74.00000	1903.450000 0.005000000
## 7043	0.000000	14.00000	503.633333 0.013333333
## 7044	358.600000	35.00000	676.266667 0.005128205
## 7045	0.000000	22.00000	337.100000 0.000000000
## 7046	0.000000	29.00000	630.326667 0.006666667
## 7047	0.000000	12.00000	311.613333 0.050000000
## 7048	0.000000	85.00000	6743.398760 0.013768116
## 7049	0.000000	39.00000	1526.213333 0.004651163
## 7050	44.400000	33.00000	688.314286 0.000000000
## 7051	0.000000	13.00000	272.008333 0.000000000

## 7052	0.000000	47.00000	1153.540000	0.003140097
## 7053	0.000000	71.00000	1096.876822	0.000000000
## 7054	21.600000	32.00000	1718.387778	0.004761905
## 7055	0.000000	18.00000	843.016667	0.000000000
## 7056	0.000000	3.00000	7.000000	0.050000000
## 7057	0.000000	12.00000	1012.200000	0.000000000
## 7058	0.000000	4.00000	52.400000	0.000000000
## 7059	0.000000	28.00000	1375.133333	0.000000000
## 7060	12.000000	120.00000	2016.564401	0.006451613
## 7061	0.000000	1.00000	0.000000	0.200000000
## 7062	270.600000	20.00000	1424.400000	0.000000000
## 7063	0.000000	79.00000	1193.517172	0.000000000
## 7064	99.700000	4.00000	417.400000	0.000000000
## 7065	4.000000	155.00000	2374.966713	0.025906525
## 7066	0.000000	54.00000	784.734286	0.004511278
## 7067	0.000000	27.00000	1538.056725	0.013333333
## 7068	0.000000	32.00000	2331.150000	0.031250000
## 7069	0.000000	38.00000	1057.033333	0.030769231
## 7070	0.000000	62.00000	2021.747727	0.003076923
## 7071	0.000000	23.00000	269.901818	0.000000000
## 7072	0.000000	4.00000	55.900000	0.000000000
## 7073	129.000000	5.00000	22.050000	0.000000000
## 7074	0.000000	33.00000	1148.333333	0.000000000
## 7075	0.000000	6.00000	99.000000	0.000000000
## 7076	0.000000	22.00000	562.166667	0.018181818
## 7077	9.000000	21.00000	1290.500000	0.000000000
## 7078	0.000000	20.00000	581.500000	0.015000000
## 7079	0.000000	23.00000	845.278889	0.000000000
## 7080	0.000000	1.00000	0.000000	0.200000000
## 7081	0.000000	38.00000	813.601667	0.004878049
## 7082	0.000000	4.00000	59.200000	0.000000000
## 7083	0.000000	117.00000	1953.537512	0.002892562
## 7084	0.000000	29.00000	1199.916667	0.000000000
## 7085	0.000000	25.00000	583.350000	0.000000000
## 7086	0.000000	20.00000	910.410000	0.000000000
## 7087	241.700000	47.00000	1975.125000	0.003636364
## 7088	0.000000	42.00000	651.665000	0.028787879
## 7089	0.000000	27.00000	2129.800000	0.012903226
## 7090	0.000000	60.00000	1063.666667	0.014166667
## 7091	0.000000	21.00000	961.520000	0.030434783
## 7092	0.000000	27.00000	779.606667	0.000000000
## 7093	181.950000	23.00000	959.900000	0.005882353
## 7094	0.000000	35.00000	655.684762	0.000000000
## 7095	0.000000	32.00000	631.276667	0.005714286
## 7096	0.000000	138.00000	6440.235256	0.001891253
## 7097	0.000000	9.00000	112.083333	0.023529412
## 7098	0.000000	5.00000	170.400000	0.000000000
## 7099	0.000000	9.00000	153.200000	0.020000000
## 7100	123.000000	33.00000	773.256667	0.010810811
## 7101	0.000000	45.00000	6707.540000	0.011363636
## 7102	0.000000	15.00000	387.400000	0.000000000
## 7103	0.000000	11.00000	631.400000	0.054545455
## 7104	0.000000	4.00000	0.000000	0.200000000
## 7105	6.000000	28.00000	728.700000	0.000000000

## 7106	0.000000	7.00000	75.600000	0.000000000
## 7107	0.000000	38.00000	938.933333	0.039473684
## 7108	0.000000	10.00000	337.100000	0.008333333
## 7109	0.000000	13.00000	353.786667	0.000000000
## 7110	0.000000	6.00000	67.000000	0.016666667
## 7111	0.000000	5.00000	128.700000	0.000000000
## 7112	0.000000	18.00000	374.600000	0.000000000
## 7113	0.000000	27.00000	952.283333	0.000000000
## 7114	0.000000	34.00000	1948.088333	0.027027027
## 7115	0.000000	13.00000	241.583333	0.013333333
## 7116	39.400000	98.00000	3364.640450	0.029570957
## 7117	32.700000	109.00000	1759.686519	0.000000000
## 7118	0.000000	48.00000	476.360094	0.000694444
## 7119	0.000000	59.00000	1720.422222	0.026984127
## 7120	0.000000	23.00000	1516.200000	0.016000000
## 7121	0.000000	53.00000	2016.566667	0.003636364
## 7122	0.000000	24.00000	498.900000	0.000000000
## 7123	0.000000	5.00000	238.200000	0.000000000
## 7124	0.000000	26.00000	653.400000	0.041333333
## 7125	177.800000	96.00000	4162.538005	0.012378641
## 7126	0.000000	20.00000	769.900000	0.018181818
## 7127	0.000000	29.00000	1085.900000	0.000000000
## 7128	269.666667	24.00000	518.850000	0.019139785
## 7129	-1.000000	1.00000	-1.000000	0.200000000
## 7130	0.000000	6.00000	166.000000	0.000000000
## 7131	0.000000	5.00000	291.200000	0.180000000
## 7132	0.000000	29.00000	2064.766667	0.020689655
## 7133	0.000000	10.00000	256.185714	0.000000000
## 7134	217.600000	77.00000	1690.489222	0.011842105
## 7135	0.000000	20.00000	436.100000	0.040000000
## 7136	0.000000	11.00000	315.580000	0.000000000
## 7137	0.000000	66.00000	1203.817143	0.001562500
## 7138	0.000000	33.00000	920.400000	0.000000000
## 7139	0.000000	9.00000	949.600000	0.000000000
## 7140	0.000000	41.00000	1083.716667	0.000000000
## 7141	21.200000	8.00000	2398.766667	0.000000000
## 7142	0.000000	2.00000	22.800000	0.000000000

##	ExitRates	PageValues	SpecialDay	OperatingSystems	Browser	Region
## 1	0.200000000	0.0000000	0.0	1	1	1
## 2	0.100000000	0.0000000	0.0	2	2	1
## 3	0.200000000	0.0000000	0.0	4	1	9
## 4	0.140000000	0.0000000	0.0	3	2	2
## 5	0.050000000	0.0000000	0.0	3	3	1
## 6	0.024561404	0.0000000	0.0	2	2	1
## 7	0.200000000	0.0000000	0.4	2	4	3
## 8	0.200000000	0.0000000	0.0	1	2	1
## 9	0.100000000	0.0000000	0.8	2	2	2
## 10	0.022222222	0.0000000	0.4	2	4	1
## 11	0.066666667	0.0000000	0.0	1	1	3
## 12	0.025833333	0.0000000	0.4	1	1	4
## 13	0.028571429	0.0000000	0.0	1	1	1
## 14	0.066666667	0.0000000	0.0	2	5	1
## 15	0.100000000	0.0000000	0.0	3	2	3
## 16	0.016312636	0.0000000	0.0	1	1	9

## 17	0.200000000	0.0000000	0.0	1	1	4
## 18	0.007692308	0.0000000	0.0	1	1	1
## 19	0.100000000	0.0000000	0.0	2	2	1
## 20	0.010000000	0.0000000	0.0	2	4	4
## 21	0.008333333	0.0000000	1.0	2	2	5
## 22	0.200000000	0.0000000	0.0	3	3	1
## 23	0.033333333	0.0000000	0.0	3	2	1
## 24	0.100000000	0.0000000	0.8	2	4	1
## 25	0.200000000	0.0000000	0.0	2	2	4
## 26	0.040000000	0.0000000	0.0	1	1	9
## 27	0.009523810	0.0000000	0.0	2	2	1
## 28	0.100000000	0.0000000	0.0	1	1	1
## 29	0.050000000	0.0000000	0.2	2	6	1
## 30	0.050821256	54.1797643	0.4	3	2	1
## 31	0.100000000	0.0000000	0.0	1	1	6
## 32	0.066666667	0.0000000	0.0	1	2	6
## 33	0.025000000	0.0000000	0.0	2	2	1
## 34	0.080000000	0.0000000	0.0	1	1	3
## 35	0.028571429	0.0000000	0.0	2	2	1
## 36	0.020352564	0.0000000	0.0	2	2	7
## 37	0.056250000	0.0000000	0.0	3	2	1
## 38	0.028571429	0.0000000	0.8	2	2	8
## 39	0.071428571	0.0000000	0.6	2	2	1
## 40	0.022222222	0.0000000	0.0	2	5	1
## 41	0.001794872	0.0000000	0.0	2	2	8
## 42	0.066666667	0.0000000	0.6	1	1	3
## 43	0.006666667	0.0000000	0.0	1	1	4
## 44	0.050000000	0.0000000	0.4	3	2	2
## 45	0.050000000	0.0000000	0.0	4	1	1
## 46	0.006060606	0.0000000	0.2	2	5	1
## 47	0.057142857	0.0000000	0.0	1	1	1
## 48	0.133333333	0.0000000	0.2	3	2	1
## 49	0.003636364	0.0000000	0.0	3	2	1
## 50	0.200000000	0.0000000	0.6	2	2	3
## 51	0.200000000	0.0000000	0.0	1	1	3
## 52	0.026111111	0.0000000	0.2	3	2	1
## 53	0.100000000	0.0000000	1.0	2	4	4
## 54	0.075000000	0.0000000	0.0	4	2	2
## 55	0.025000000	0.0000000	0.4	3	3	1
## 56	0.200000000	0.0000000	0.2	2	4	1
## 57	0.200000000	0.0000000	0.6	3	2	3
## 58	0.014736467	19.4470791	0.2	2	2	4
## 59	0.050000000	0.0000000	0.4	2	6	6
## 60	0.046568627	0.0000000	0.6	2	4	2
## 61	0.016666667	0.0000000	0.4	1	1	3
## 62	0.120833333	0.0000000	0.0	1	1	1
## 63	0.019666667	38.3084927	0.0	1	1	3
## 64	0.007142857	0.0000000	0.0	2	2	5
## 65	0.200000000	0.0000000	0.0	2	2	4
## 66	0.012643678	22.9160357	0.8	2	2	3
## 67	0.015013034	0.0000000	0.0	4	1	1
## 68	0.200000000	0.0000000	0.6	2	2	5
## 69	0.007407407	0.0000000	0.0	2	7	2
## 70	0.200000000	0.0000000	0.2	3	2	3

## 71	0.200000000	0.0000000	0.0	2	6	1
## 72	0.052500000	0.0000000	0.0	2	6	6
## 73	0.100000000	0.0000000	0.4	2	2	3
## 74	0.012500000	0.0000000	0.0	2	4	3
## 75	0.066666667	0.0000000	0.0	2	4	3
## 76	0.025000000	0.0000000	0.0	2	4	1
## 77	0.014492754	11.4394120	0.0	2	6	1
## 78	0.050000000	0.0000000	0.6	3	2	3
## 79	0.200000000	0.0000000	1.0	1	1	1
## 80	0.200000000	0.0000000	0.4	1	1	1
## 81	0.028571429	0.0000000	0.0	4	1	1
## 82	0.016666667	0.0000000	0.8	1	1	1
## 83	0.020000000	0.0000000	0.0	2	2	1
## 84	0.058333333	0.0000000	0.0	3	2	4
## 85	0.200000000	0.0000000	0.8	2	2	2
## 86	0.200000000	0.0000000	0.0	1	1	1
## 87	0.085714286	0.0000000	0.0	2	2	2
## 88	0.066666667	0.0000000	0.0	1	1	1
## 89	0.023809524	0.0000000	0.4	4	1	3
## 90	0.007894737	0.0000000	0.0	1	1	4
## 91	0.011764706	0.0000000	0.4	1	1	1
## 92	0.200000000	0.0000000	0.0	1	1	1
## 93	0.100000000	0.0000000	0.0	1	1	1
## 94	0.015384615	0.0000000	0.0	2	2	1
## 95	0.025925926	0.0000000	0.6	4	1	3
## 96	0.100000000	0.0000000	0.2	1	1	1
## 97	0.066666667	0.0000000	0.2	1	1	1
## 98	0.025000000	0.0000000	0.6	1	1	1
## 99	0.080952381	0.0000000	0.6	2	4	1
## 100	0.031666667	0.0000000	0.0	3	2	3
## 101	0.008947368	0.0000000	0.4	2	4	1
## 102	0.026984127	17.5359589	1.0	1	1	7
## 103	0.033333333	0.0000000	0.4	1	1	3
## 104	0.013510250	0.0000000	0.8	2	2	4
## 105	0.017647059	0.0000000	0.0	1	1	3
## 106	0.150000000	0.0000000	0.0	1	1	7
## 107	0.074074074	0.0000000	0.8	4	1	1
## 108	0.066666667	0.0000000	0.0	1	1	1
## 109	0.066666667	0.0000000	0.8	3	3	1
## 110	0.017918470	0.0000000	0.0	2	5	1
## 111	0.016666667	0.0000000	0.6	2	2	3
## 112	0.200000000	0.0000000	0.4	2	2	1
## 113	0.200000000	0.0000000	0.8	1	1	2
## 114	0.024000000	0.0000000	0.2	2	4	1
## 115	0.035483871	0.0000000	0.2	1	1	1
## 116	0.005555556	0.0000000	0.0	1	1	1
## 117	0.012962963	0.0000000	0.8	3	2	1
## 118	0.027272727	0.0000000	0.2	2	2	3
## 119	0.075000000	0.0000000	0.0	4	1	3
## 120	0.111111111	0.0000000	0.0	2	4	9
## 121	0.033333333	0.0000000	0.0	2	4	4
## 122	0.050000000	0.0000000	0.6	2	2	1
## 123	0.034375000	0.0000000	0.8	1	1	3
## 124	0.066666667	0.0000000	0.0	1	1	3

## 125	0.119523810	0.0000000	0.0	2	4	3
## 126	0.200000000	0.0000000	0.0	1	1	3
## 127	0.040740741	0.0000000	0.4	2	2	1
## 128	0.050000000	0.0000000	0.4	1	1	8
## 129	0.007547170	0.0000000	0.6	2	2	9
## 130	0.166666667	0.0000000	0.0	2	4	1
## 131	0.100000000	0.0000000	0.0	2	6	1
## 132	0.022222222	0.0000000	0.0	2	2	1
## 133	0.200000000	0.0000000	0.0	3	2	3
## 134	0.011111111	0.0000000	0.8	2	2	4
## 135	0.018518519	0.0000000	0.6	1	1	3
## 136	0.033333333	0.0000000	0.0	3	2	4
## 137	0.046296296	0.0000000	0.0	2	4	5
## 138	0.066666667	0.0000000	0.0	2	4	1
## 139	0.150000000	0.0000000	0.4	2	2	1
## 140	0.018039216	0.0000000	0.2	1	1	3
## 141	0.200000000	0.0000000	0.0	2	2	7
## 142	0.011851852	0.0000000	0.2	1	1	6
## 143	0.007407407	0.0000000	0.0	2	4	2
## 144	0.200000000	0.0000000	0.0	2	2	2
## 145	0.009090909	0.0000000	0.0	2	2	3
## 146	0.066666667	0.0000000	0.4	2	4	1
## 147	0.033333333	0.0000000	0.0	2	2	1
## 148	0.050000000	0.0000000	0.0	2	2	3
## 149	0.030357143	0.0000000	0.0	1	1	4
## 150	0.027272727	0.0000000	0.8	2	2	2
## 151	0.028166667	0.0000000	0.0	1	2	1
## 152	0.200000000	0.0000000	0.4	2	2	3
## 153	0.150000000	0.0000000	0.0	2	5	5
## 154	0.026315789	0.0000000	0.2	2	2	3
## 155	0.026666667	0.0000000	0.0	2	6	1
## 156	0.049930810	0.0000000	0.0	3	2	2
## 157	0.200000000	0.0000000	0.0	3	3	3
## 158	0.033333333	0.0000000	0.8	1	1	1
## 159	0.200000000	0.0000000	0.0	3	2	3
## 160	0.018840580	0.0000000	0.6	1	1	4
## 161	0.040606061	0.0000000	0.0	1	1	1
## 162	0.012463768	0.0000000	0.0	1	1	1
## 163	0.016666667	0.0000000	0.4	1	1	3
## 164	0.011594203	0.0000000	0.6	2	2	1
## 165	0.033333333	0.0000000	0.0	1	1	3
## 166	0.040000000	0.0000000	0.0	2	2	1
## 167	0.166666667	0.0000000	0.0	2	2	1
## 168	0.063636364	0.0000000	0.0	2	4	6
## 169	0.014500000	0.0000000	0.8	3	2	7
## 170	0.019166667	0.0000000	0.8	1	1	2
## 171	0.033333333	0.0000000	0.0	2	4	1
## 172	0.100000000	0.0000000	0.6	1	1	1
## 173	0.200000000	0.0000000	0.8	1	1	1
## 174	0.008602151	0.0000000	1.0	2	2	8
## 175	0.015384615	0.0000000	0.0	1	1	2
## 176	0.014285714	0.0000000	0.0	1	1	6
## 177	0.047002635	0.0000000	0.0	1	1	1
## 178	0.033333333	0.0000000	0.6	1	1	6

## 179	0.011764706	0.0000000	0.0	3	2	6
## 180	0.200000000	0.0000000	0.6	4	2	1
## 181	0.200000000	0.0000000	0.0	2	4	1
## 182	0.025000000	0.0000000	0.8	3	2	1
## 183	0.012764202	0.0000000	0.0	2	2	1
## 184	0.027248677	8.0007407	0.0	1	1	3
## 185	0.006339869	0.0000000	0.0	2	2	3
## 186	0.013509414	0.0000000	0.0	3	2	6
## 187	0.020708874	1.7060150	0.0	2	2	7
## 188	0.016727891	46.5301751	0.0	2	2	1
## 189	0.200000000	0.0000000	0.0	1	1	1
## 190	0.096000000	0.0000000	0.0	2	2	1
## 191	0.020000000	0.0000000	0.0	1	1	1
## 192	0.066666667	0.0000000	0.0	2	2	3
## 193	0.057662338	0.0000000	0.0	1	1	7
## 194	0.010173465	0.0000000	0.0	1	1	1
## 195	0.005797101	19.3426502	0.0	2	2	4
## 196	0.061406250	0.0000000	0.0	2	2	1
## 197	0.001666667	109.1760000	0.0	2	2	9
## 198	0.001724138	96.2551158	0.0	2	4	1
## 199	0.004000000	153.4432478	0.0	2	2	7
## 200	0.040000000	0.0000000	0.0	1	1	1
## 201	0.004166667	0.0000000	0.0	1	1	1
## 202	0.088888889	0.0000000	0.0	1	2	1
## 203	0.008333333	0.0000000	0.0	3	2	1
## 204	0.005263158	0.0000000	0.0	2	2	5
## 205	0.012500000	33.7995670	0.0	2	5	2
## 206	0.028571429	0.0000000	0.0	2	2	7
## 207	0.016666667	0.0000000	0.0	3	2	7
## 208	0.043750000	0.0000000	0.0	2	4	1
## 209	0.037500000	0.0000000	0.0	3	2	3
## 210	0.049523810	0.0000000	0.0	2	6	3
## 211	0.050000000	0.0000000	0.0	3	2	8
## 212	0.033333333	0.0000000	0.0	1	2	6
## 213	0.042857143	0.0000000	0.0	2	2	1
## 214	0.020000000	0.0000000	0.0	2	2	4
## 215	0.066666667	0.0000000	0.0	1	2	7
## 216	0.028571429	0.0000000	0.0	2	4	2
## 217	0.075000000	0.0000000	0.0	2	2	3
## 218	0.066666667	0.0000000	0.0	2	4	3
## 219	0.013333333	35.0928000	0.0	2	2	5
## 220	0.120000000	0.0000000	0.0	2	2	1
## 221	0.150000000	0.0000000	0.0	3	2	1
## 222	0.020000000	0.0000000	0.0	2	2	1
## 223	0.009150327	0.0000000	0.0	3	2	4
## 224	0.100000000	0.0000000	0.0	2	2	3
## 225	0.006578947	0.0000000	0.0	2	2	4
## 226	0.022222222	0.0000000	0.0	2	2	1
## 227	0.013333333	17.7626667	0.0	2	2	1
## 228	0.021052632	0.0000000	0.0	2	2	1
## 229	0.020666667	7.1462609	0.0	2	2	7
## 230	0.014666667	0.0000000	0.0	2	2	3
## 231	0.033333333	0.0000000	0.0	4	1	1
## 232	0.019230769	22.0327692	0.0	2	2	3

## 233	0.044210526	0.0000000	0.0	3	2	2
## 234	0.014081633	0.0000000	0.0	3	2	2
## 235	0.010600255	0.0000000	0.0	3	2	1
## 236	0.032225685	0.0000000	0.0	2	6	1
## 237	0.011111111	0.0000000	0.0	3	2	2
## 238	0.040000000	0.0000000	0.0	2	2	4
## 239	0.036550087	0.0000000	0.0	2	2	2
## 240	0.031818182	0.0000000	0.0	2	5	1
## 241	0.046470588	0.0000000	0.0	2	2	8
## 242	0.030833333	0.0000000	0.0	2	2	1
## 243	0.009523810	0.0000000	0.0	2	10	1
## 244	0.019354839	0.0000000	0.0	4	1	1
## 245	0.041025641	0.0000000	0.0	2	2	8
## 246	0.048148148	0.0000000	0.0	3	3	1
## 247	0.018052760	4.3685156	0.0	2	2	3
## 248	0.015201207	0.0000000	0.0	3	2	2
## 249	0.022253906	0.0000000	0.0	3	2	9
## 250	0.050000000	0.0000000	0.0	2	5	1
## 251	0.200000000	0.0000000	0.0	1	1	1
## 252	0.120000000	0.0000000	0.0	2	5	2
## 253	0.100000000	0.0000000	0.0	2	2	5
## 254	0.025666667	0.0000000	0.0	1	1	1
## 255	0.050000000	0.0000000	0.0	3	2	3
## 256	0.020000000	0.0000000	0.0	1	1	7
## 257	0.010370370	0.0000000	0.0	1	1	3
## 258	0.033333333	0.0000000	0.0	2	2	1
## 259	0.033862434	0.0000000	0.0	7	1	6
## 260	0.200000000	0.0000000	0.0	3	3	5
## 261	0.018709677	8.7724731	0.0	2	2	3
## 262	0.066666667	0.0000000	0.0	2	2	1
## 263	0.020000000	0.0000000	0.0	2	2	7
## 264	0.003329865	51.4633115	0.0	2	5	3
## 265	0.011666667	0.0000000	0.0	1	8	7
## 266	0.040000000	0.0000000	0.0	2	2	1
## 267	0.033846154	0.0000000	0.0	2	4	1
## 268	0.016666667	0.0000000	0.0	1	1	1
## 269	0.053571429	0.0000000	0.0	3	2	1
## 270	0.200000000	0.0000000	0.0	2	5	1
## 271	0.014285714	0.0000000	0.0	1	1	1
## 272	0.004545455	0.0000000	0.0	2	5	3
## 273	0.013333333	0.0000000	0.0	1	1	2
## 274	0.050000000	0.0000000	0.0	2	5	6
## 275	0.016666667	38.9900000	0.0	1	1	1
## 276	0.050000000	0.0000000	0.0	4	2	9
## 277	0.025000000	0.0000000	0.0	2	2	2
## 278	0.039583333	0.0000000	0.0	2	2	3
## 279	0.033333333	0.0000000	0.0	2	2	1
## 280	0.020000000	53.9892000	0.0	2	2	1
## 281	0.026186255	6.8317924	0.0	3	2	2
## 282	0.044444444	0.0000000	0.0	2	2	4
## 283	0.050000000	0.0000000	0.0	3	9	9
## 284	0.038095238	0.0000000	0.0	2	2	2
## 285	0.200000000	0.0000000	0.0	2	2	1
## 286	0.024761905	0.0000000	0.0	2	2	1

## 287	0.007722385	0.0000000	0.0	2	2	5
## 288	0.050000000	0.0000000	0.0	1	1	1
## 289	0.022643039	0.0000000	0.0	3	2	6
## 290	0.011111111	0.0000000	0.0	2	2	3
## 291	0.037476190	0.0000000	0.0	3	2	2
## 292	0.200000000	0.0000000	0.0	1	1	1
## 293	0.012500000	44.6792500	0.0	2	2	1
## 294	0.014285714	59.7901429	0.0	3	2	1
## 295	0.022424242	0.0000000	0.0	2	5	1
## 296	0.031907308	0.0000000	0.0	3	2	1
## 297	0.200000000	0.0000000	0.0	1	1	8
## 298	0.022222222	0.0000000	0.0	2	2	1
## 299	0.002272727	0.0000000	0.0	1	1	1
## 300	0.026666667	0.0000000	0.0	2	2	2
## 301	0.200000000	0.0000000	0.0	3	2	3
## 302	0.044761905	0.0000000	0.0	2	2	6
## 303	0.050000000	0.0000000	0.0	3	2	1
## 304	0.100000000	0.0000000	0.0	3	2	3
## 305	0.100000000	0.0000000	0.0	2	2	1
## 306	0.100000000	0.0000000	0.0	2	2	1
## 307	0.025555556	0.0000000	0.0	3	2	4
## 308	0.016000000	0.0000000	0.0	1	1	4
## 309	0.028965517	0.0000000	0.0	2	2	1
## 310	0.066666667	0.0000000	0.0	2	5	1
## 311	0.110000000	0.0000000	0.0	2	2	1
## 312	0.014814815	0.0000000	0.0	3	2	1
## 313	0.008681765	0.0000000	0.0	1	1	6
## 314	0.009696970	0.0000000	0.0	1	2	1
## 315	0.100000000	0.0000000	0.0	4	1	1
## 316	0.025000000	0.0000000	0.0	2	2	1
## 317	0.040000000	0.0000000	0.0	2	2	1
## 318	0.010370370	0.0000000	0.0	4	1	1
## 319	0.038373016	7.1030208	0.0	3	2	6
## 320	0.040000000	0.0000000	0.0	2	2	4
## 321	0.020000000	0.0000000	0.0	2	2	9
## 322	0.016410256	0.0000000	0.0	2	2	1
## 323	0.000175593	0.0000000	0.0	1	2	6
## 324	0.028571429	0.0000000	0.0	2	2	1
## 325	0.050000000	0.0000000	0.0	2	2	1
## 326	0.026666667	0.0000000	0.0	1	1	1
## 327	0.003571429	0.0000000	0.0	3	2	1
## 328	0.011111111	0.0000000	0.0	3	2	8
## 329	0.200000000	0.0000000	0.0	3	2	3
## 330	0.002222222	0.0000000	0.0	4	2	1
## 331	0.023611111	0.0000000	0.0	1	2	1
## 332	0.009213675	0.0000000	0.0	2	2	1
## 333	0.017324561	0.0000000	0.0	2	2	3
## 334	0.019047619	0.0000000	0.0	2	2	3
## 335	0.028571429	0.0000000	0.0	3	2	1
## 336	0.011904762	0.0000000	0.0	2	2	1
## 337	0.025000000	0.0000000	0.0	2	2	1
## 338	0.005057471	0.0000000	0.0	3	2	1
## 339	0.014285714	0.0000000	0.0	2	2	1
## 340	0.200000000	0.0000000	0.0	2	2	4

## 341	0.125000000	0.0000000	0.0	1	1	1
## 342	0.037333333	0.0000000	0.0	1	1	8
## 343	0.200000000	0.0000000	0.0	2	2	8
## 344	0.008000000	0.0000000	0.0	3	2	3
## 345	0.033333333	0.0000000	0.0	2	2	4
## 346	0.021367521	0.0000000	0.0	1	1	1
## 347	0.009876543	0.0000000	0.0	2	10	1
## 348	0.016666667	0.0000000	0.0	3	2	2
## 349	0.006250000	0.0000000	0.0	2	2	1
## 350	0.040000000	0.0000000	0.0	2	5	7
## 351	0.016666667	19.6681855	0.0	2	2	3
## 352	0.004371585	0.0000000	0.0	2	2	6
## 353	0.011111111	0.0000000	0.0	2	2	2
## 354	0.003333333	9.2270010	0.0	2	4	1
## 355	0.200000000	0.0000000	0.0	2	2	4
## 356	0.028030303	0.0000000	0.0	2	6	2
## 357	0.005555556	0.0000000	0.0	2	2	1
## 358	0.200000000	0.0000000	0.0	3	2	1
## 359	0.008000000	0.0000000	0.0	2	2	1
## 360	0.071428571	0.0000000	0.0	2	2	1
## 361	0.050000000	0.0000000	0.0	2	4	3
## 362	0.047905093	0.0000000	0.0	1	1	3
## 363	0.010000000	0.0000000	0.0	1	1	1
## 364	0.007692308	34.4360188	0.0	2	2	9
## 365	0.053846154	0.0000000	0.0	2	2	4
## 366	0.009438427	12.0165655	0.0	3	2	5
## 367	0.033333333	0.0000000	0.0	2	5	2
## 368	0.030452675	0.0000000	0.0	2	4	4
## 369	0.027742165	0.0000000	0.0	1	1	4
## 370	0.040000000	0.0000000	0.0	2	2	9
## 371	0.006250000	0.0000000	0.0	3	2	1
## 372	0.029431012	0.0000000	0.0	2	2	3
## 373	0.100000000	0.0000000	0.0	2	2	3
## 374	0.057142857	0.0000000	0.0	3	2	4
## 375	0.010588235	0.0000000	0.0	2	2	5
## 376	0.033504762	0.0000000	0.0	2	2	1
## 377	0.034933333	0.0000000	0.0	3	2	8
## 378	0.014000000	16.1438400	0.0	1	1	4
## 379	0.100000000	0.0000000	0.0	1	1	5
## 380	0.133333333	0.0000000	0.0	2	4	1
## 381	0.038095238	0.0000000	0.0	1	5	7
## 382	0.200000000	0.0000000	0.0	2	2	2
## 383	0.020655014	2.8108125	0.0	1	1	4
## 384	0.100000000	0.0000000	0.0	3	2	4
## 385	0.028571429	0.0000000	0.0	2	2	1
## 386	0.025000000	0.0000000	0.0	2	2	6
## 387	0.061688312	0.0000000	0.0	3	2	1
## 388	0.035000000	0.0000000	0.0	3	2	2
## 389	0.019797366	27.2688801	0.0	2	2	1
## 390	0.085714286	0.0000000	0.0	3	2	8
## 391	0.029870130	0.0000000	0.0	3	2	3
## 392	0.051562500	0.0000000	0.0	1	1	2
## 393	0.022222222	0.0000000	0.0	1	1	1
## 394	0.006501458	0.0000000	0.0	1	1	4

## 395	0.003333333	0.0000000	0.0	3	2	2
## 396	0.020644542	0.0000000	0.0	2	2	1
## 397	0.200000000	0.0000000	0.0	2	4	1
## 398	0.013342491	11.9200961	0.0	2	2	7
## 399	0.016410256	78.9348356	0.0	3	3	2
## 400	0.026666667	0.0000000	0.0	2	2	1
## 401	0.008695652	0.0000000	0.0	1	1	3
## 402	0.020449173	0.0000000	0.0	2	2	6
## 403	0.014259259	0.0000000	0.0	3	2	1
## 404	0.016250000	0.0000000	0.0	2	2	9
## 405	0.008000000	0.0000000	0.0	4	2	1
## 406	0.100000000	0.0000000	0.0	2	6	1
## 407	0.008108108	15.8890636	0.0	1	2	1
## 408	0.012500000	0.0000000	0.0	2	2	6
## 409	0.006250000	0.0000000	0.0	2	4	7
## 410	0.010526316	0.0000000	0.0	1	1	6
## 411	0.001709402	0.0000000	0.0	1	2	3
## 412	0.025000000	0.0000000	0.0	3	2	1
## 413	0.028571429	0.0000000	0.0	1	1	8
## 414	0.019540230	0.0000000	0.0	2	2	3
## 415	0.012500000	11.9955404	0.0	2	2	1
## 416	0.066666667	0.0000000	0.0	2	2	2
## 417	0.100000000	0.0000000	0.0	1	2	9
## 418	0.017543860	0.0000000	0.0	2	5	1
## 419	0.200000000	0.0000000	0.0	3	2	2
## 420	0.018918919	0.0000000	0.0	2	2	1
## 421	0.055555556	0.0000000	0.0	2	5	6
## 422	0.007285123	18.3680492	0.0	2	2	1
## 423	0.012500000	0.0000000	0.0	2	2	1
## 424	0.200000000	0.0000000	0.0	2	2	1
## 425	0.040000000	0.0000000	0.0	2	10	4
## 426	0.003846154	0.0000000	0.0	2	2	1
## 427	0.200000000	0.0000000	0.0	2	2	4
## 428	0.040444444	0.0000000	0.0	2	4	3
## 429	0.008333333	0.0000000	0.0	3	2	1
## 430	0.018181818	0.0000000	0.0	2	2	3
## 431	0.006060606	0.0000000	0.0	3	2	3
## 432	0.100000000	0.0000000	0.0	3	2	1
## 433	0.011764706	0.0000000	0.0	2	2	3
## 434	0.025000000	0.0000000	0.0	2	5	2
## 435	0.025000000	0.0000000	0.0	3	3	2
## 436	0.026984127	0.0000000	0.0	2	2	2
## 437	0.013333333	0.0000000	0.0	2	2	5
## 438	0.002903226	0.0000000	0.0	2	2	4
## 439	0.037894737	0.0000000	0.0	2	2	4
## 440	0.046153846	0.0000000	0.0	2	2	4
## 441	0.002222222	0.0000000	0.0	1	8	4
## 442	0.066666667	0.0000000	0.0	1	1	3
## 443	0.050000000	0.0000000	0.0	3	2	1
## 444	0.037765568	0.0000000	0.0	2	2	3
## 445	0.033333333	0.0000000	0.0	1	1	8
## 446	0.019314286	17.5276560	0.0	1	1	4
## 447	0.018181818	0.0000000	0.0	1	1	3
## 448	0.053333333	0.0000000	0.0	2	2	1

## 449	0.010000000	0.0000000	0.0	1	1	1
## 450	0.036507937	0.0000000	0.0	2	2	6
## 451	0.036000000	0.0000000	0.0	2	2	1
## 452	0.006451613	0.0000000	0.0	2	2	3
## 453	0.040000000	0.0000000	0.0	3	3	3
## 454	0.012500000	61.9395000	0.0	2	2	1
## 455	0.200000000	0.0000000	0.0	2	5	5
## 456	0.007142857	0.0000000	0.0	2	2	1
## 457	0.007142857	0.0000000	0.0	3	2	1
## 458	0.053571429	0.0000000	0.0	3	2	1
## 459	0.014285714	0.0000000	0.0	3	2	4
## 460	0.025000000	0.0000000	0.0	2	2	3
## 461	0.055000000	0.0000000	0.0	1	1	1
## 462	0.059846154	0.0000000	0.0	3	2	2
## 463	0.010000000	0.0000000	0.0	2	2	4
## 464	0.025000000	0.0000000	0.0	2	2	6
## 465	0.200000000	0.0000000	0.0	2	5	1
## 466	0.046666667	0.0000000	0.0	1	1	2
## 467	0.039247312	8.6827419	0.0	2	4	5
## 468	0.116666667	0.0000000	0.0	2	4	3
## 469	0.133333333	0.0000000	0.0	1	1	8
## 470	0.035897436	0.0000000	0.0	3	2	1
## 471	0.021666667	0.0000000	0.0	2	5	1
## 472	0.044444444	0.0000000	0.0	1	1	3
## 473	0.008510638	9.7021133	0.0	2	4	1
## 474	0.019871795	7.2562191	0.0	2	2	3
## 475	0.032380952	0.0000000	0.0	3	2	3
## 476	0.200000000	0.0000000	0.0	2	2	3
## 477	0.047105263	0.0000000	0.0	2	2	1
## 478	0.042857143	0.0000000	0.0	1	1	3
## 479	0.034848485	0.0000000	0.0	4	1	6
## 480	0.014285714	0.0000000	0.0	1	1	8
## 481	0.076923077	0.0000000	0.0	2	6	4
## 482	0.050000000	0.0000000	0.0	2	2	3
## 483	0.025000000	0.0000000	0.0	2	2	7
## 484	0.066666667	0.0000000	0.0	2	2	9
## 485	0.014814815	10.1022222	0.0	1	1	1
## 486	0.014285714	0.0000000	0.0	1	1	1
## 487	0.100000000	0.0000000	0.0	3	2	3
## 488	0.035714286	0.0000000	0.0	4	2	1
## 489	0.100000000	0.0000000	0.0	2	2	6
## 490	0.025000000	0.0000000	0.0	2	2	1
## 491	0.040476190	0.0000000	0.0	3	2	1
## 492	0.005555556	0.0000000	0.0	3	2	7
## 493	0.040000000	0.0000000	0.0	2	4	1
## 494	0.025000000	0.0000000	0.0	2	4	6
## 495	0.090000000	0.0000000	0.0	2	2	1
## 496	0.070000000	0.0000000	0.0	2	2	4
## 497	0.027272727	0.0000000	0.0	2	6	2
## 498	0.014008551	25.9670200	0.0	2	4	2
## 499	0.017259740	9.1623512	0.0	3	2	1
## 500	0.010493827	1.8657778	0.0	2	2	3
## 501	0.003571429	0.0000000	0.0	2	2	6
## 502	0.038461538	0.0000000	0.0	2	2	3

## 503	0.013793103	0.0000000	0.0	1	6	1
## 504	0.047348485	0.0000000	0.0	1	1	1
## 505	0.066666667	0.0000000	0.0	2	2	3
## 506	0.007425380	33.6117917	0.0	2	4	9
## 507	0.020602653	0.0000000	0.0	3	2	3
## 508	0.013333333	7.1696175	0.0	2	2	1
## 509	0.003174603	0.0000000	0.0	2	4	7
## 510	0.200000000	0.0000000	0.0	2	2	4
## 511	0.014705882	0.0000000	0.0	1	1	2
## 512	0.013043478	0.0000000	0.0	2	4	1
## 513	0.066666667	0.0000000	0.0	2	2	3
## 514	0.027272727	0.0000000	0.0	2	2	1
## 515	0.033333333	0.0000000	0.0	3	2	1
## 516	0.020000000	0.0000000	0.0	2	2	1
## 517	0.036410256	0.0000000	0.0	3	2	2
## 518	0.025000000	0.0000000	0.0	3	2	1
## 519	0.058577534	0.0000000	0.0	2	4	3
## 520	0.025000000	0.0000000	0.0	1	1	8
## 521	0.021212121	0.0000000	0.0	3	2	5
## 522	0.011111111	0.0000000	0.0	3	2	6
## 523	0.072222222	0.0000000	0.0	2	2	4
## 524	0.012500000	0.0000000	0.0	3	2	3
## 525	0.050000000	0.0000000	0.0	2	2	1
## 526	0.014634146	0.0000000	0.0	3	7	3
## 527	0.200000000	0.0000000	0.0	3	2	7
## 528	0.066666667	0.0000000	0.0	2	2	2
## 529	0.045833333	0.0000000	0.0	3	2	7
## 530	0.001190476	0.0000000	0.0	2	4	3
## 531	0.100000000	0.0000000	0.0	2	2	1
## 532	0.057142857	0.0000000	0.0	2	5	2
## 533	0.100000000	0.0000000	0.0	1	1	1
## 534	0.066666667	0.0000000	0.0	2	2	3
## 535	0.200000000	0.0000000	0.0	3	2	3
## 536	0.018965517	0.0000000	0.0	2	6	7
## 537	0.003703704	0.0000000	0.0	1	1	7
## 538	0.014035088	0.0000000	0.0	2	7	1
## 539	0.023983740	22.8015244	0.0	2	2	1
## 540	0.002222222	0.0000000	0.0	2	2	7
## 541	0.066666667	0.0000000	0.0	2	4	1
## 542	0.011111111	0.0000000	0.0	2	2	3
## 543	0.019047619	0.0000000	0.0	1	1	1
## 544	0.066666667	0.0000000	0.0	4	1	1
## 545	0.039924242	0.0000000	0.0	3	2	1
## 546	0.066666667	0.0000000	0.0	2	10	4
## 547	0.017153855	0.0000000	0.0	2	2	1
## 548	0.072727273	0.0000000	0.0	1	1	3
## 549	0.054545455	0.0000000	0.0	4	2	1
## 550	0.004166667	0.0000000	0.0	2	2	7
## 551	0.007894737	0.0000000	0.0	2	2	4
## 552	0.028571429	0.0000000	0.0	4	1	1
## 553	0.018181818	0.0000000	0.0	4	2	1
## 554	0.016500000	0.0000000	0.0	3	2	8
## 555	0.054545455	0.0000000	0.0	2	2	1
## 556	0.066666667	0.0000000	0.0	2	2	7

## 557	0.066666667	0.0000000	0.0	2	2	7
## 558	0.003500000	0.0000000	0.0	2	2	3
## 559	0.022500000	0.0000000	0.0	4	1	2
## 560	0.080000000	0.0000000	0.0	2	5	2
## 561	0.031250000	0.0000000	0.0	2	2	1
## 562	0.133333333	0.0000000	0.0	2	2	1
## 563	0.015384615	0.0000000	0.0	2	4	1
## 564	0.050000000	0.0000000	0.0	3	2	3
## 565	0.085714286	0.0000000	0.0	4	1	4
## 566	0.028571429	0.0000000	0.0	2	2	1
## 567	0.066666667	0.0000000	0.0	2	2	1
## 568	0.004308390	0.0000000	0.0	2	4	1
## 569	0.027174712	3.5411458	0.0	2	4	1
## 570	0.040000000	0.0000000	0.0	2	5	1
## 571	0.200000000	0.0000000	0.0	3	2	6
## 572	0.058333333	0.0000000	0.0	2	2	6
## 573	0.013333333	0.0000000	0.0	2	2	1
## 574	0.033846154	0.0000000	0.0	2	7	7
## 575	0.053273810	0.0000000	0.0	1	1	1
## 576	0.005263158	0.0000000	0.0	2	2	4
## 577	0.009523810	0.0000000	0.0	4	1	3
## 578	0.002380952	0.0000000	0.0	1	1	3
## 579	0.200000000	0.0000000	0.0	3	2	1
## 580	0.014285714	0.0000000	0.0	1	2	1
## 581	0.007051282	9.2947756	0.0	2	2	1
## 582	0.023619048	0.0000000	0.0	2	2	1
## 583	0.041176471	0.0000000	0.0	2	6	9
## 584	0.200000000	0.0000000	0.0	1	1	3
## 585	0.030952381	0.0000000	0.0	2	5	2
## 586	0.028571429	0.0000000	0.0	1	1	9
## 587	0.020233586	0.0000000	0.0	3	2	1
## 588	0.035397453	0.0000000	0.0	3	2	8
## 589	0.100000000	0.0000000	0.0	2	2	3
## 590	0.056666667	0.0000000	0.0	2	6	6
## 591	0.027272727	0.0000000	0.0	2	2	2
## 592	0.081818182	0.0000000	0.0	2	2	4
## 593	0.009683372	0.0000000	0.0	2	4	6
## 594	0.007618770	6.8713090	0.0	2	2	2
## 595	0.046153846	0.0000000	0.0	4	1	3
## 596	0.015384615	35.9926154	0.0	2	2	3
## 597	0.016666667	0.0000000	0.0	2	2	7
## 598	0.050000000	0.0000000	0.0	2	2	1
## 599	0.001137980	0.0000000	0.0	1	1	1
## 600	0.066666667	0.0000000	0.0	2	2	1
## 601	0.033333333	0.0000000	0.0	1	2	1
## 602	0.028571429	53.1342857	0.0	2	4	2
## 603	0.033262108	8.8338259	0.0	2	2	2
## 604	0.010737154	0.0000000	0.0	2	2	2
## 605	0.014903846	10.6008917	0.0	2	2	3
## 606	0.023809524	5.5139762	0.0	4	1	3
## 607	0.008333333	27.4513819	0.0	3	2	1
## 608	0.081818182	0.0000000	0.0	2	2	1
## 609	0.006060606	0.0000000	0.0	1	1	3
## 610	0.007142857	0.0000000	0.0	1	1	4

## 611	0.012500000	0.0000000	0.0	1	1	1
## 612	0.009543860	0.0000000	0.0	2	2	3
## 613	0.002343750	0.0000000	0.0	2	2	1
## 614	0.015333333	17.8423070	0.0	1	1	1
## 615	0.025000000	0.0000000	0.0	2	5	7
## 616	0.166666667	0.0000000	0.0	2	2	1
## 617	0.018750000	0.0000000	0.0	2	2	7
## 618	0.004444444	0.0000000	0.0	3	2	4
## 619	0.066666667	0.0000000	0.0	3	2	5
## 620	0.023529412	0.0000000	0.0	2	2	1
## 621	0.029687500	0.0000000	0.0	2	2	1
## 622	0.027586207	0.0000000	0.0	2	2	6
## 623	0.011616162	16.7153449	0.0	2	2	3
## 624	0.047619048	0.0000000	0.0	2	2	4
## 625	0.031196581	0.0000000	0.0	2	2	6
## 626	0.032271242	2.1887185	0.0	2	4	3
## 627	0.023809524	0.0000000	0.0	3	2	6
## 628	0.008888889	0.0000000	0.0	1	1	8
## 629	0.125000000	0.0000000	0.0	3	2	3
## 630	0.007407407	57.7293604	0.0	2	2	3
## 631	0.200000000	0.0000000	0.0	3	2	3
## 632	0.020000000	0.0000000	0.0	2	2	5
## 633	0.027272727	0.0000000	0.0	3	2	3
## 634	0.026479076	2.0805336	0.0	1	1	3
## 635	0.028571429	0.0000000	0.0	2	2	8
## 636	0.071428571	0.0000000	0.0	2	2	3
## 637	0.043589744	0.0000000	0.0	2	2	7
## 638	0.028571429	0.0000000	0.0	2	2	2
## 639	0.050000000	0.0000000	0.0	3	2	4
## 640	0.015227273	45.4316713	0.0	2	2	1
## 641	0.014285714	0.0000000	0.0	2	2	1
## 642	0.007012195	0.0000000	0.0	2	2	1
## 643	0.100000000	0.0000000	0.0	2	2	1
## 644	0.050000000	0.0000000	0.0	3	2	1
## 645	0.009090909	10.7929507	0.0	2	2	2
## 646	0.004812274	0.0000000	0.0	2	2	2
## 647	0.045416667	0.0000000	0.0	2	2	4
## 648	0.023703704	0.0000000	0.0	1	8	3
## 649	0.040000000	0.0000000	0.0	2	2	3
## 650	0.008333333	0.0000000	0.0	2	2	8
## 651	0.200000000	0.0000000	0.0	2	5	9
## 652	0.011111111	0.0000000	0.0	2	2	3
## 653	0.043750000	0.0000000	0.0	2	2	4
## 654	0.010000000	0.0000000	0.0	3	2	1
## 655	0.100000000	0.0000000	0.0	1	1	8
## 656	0.058333333	0.0000000	0.0	3	2	3
## 657	0.014141414	8.4827273	0.0	2	2	8
## 658	0.043075335	0.0000000	0.0	3	2	1
## 659	0.029166667	0.0000000	0.0	2	4	9
## 660	0.008888889	0.0000000	0.0	1	1	9
## 661	0.010434783	0.0000000	0.0	2	2	1
## 662	0.200000000	0.0000000	0.0	2	4	6
## 663	0.100000000	0.0000000	0.0	3	2	1
## 664	0.002380952	0.0000000	0.0	2	2	1

## 665	0.012222222	0.0000000	0.0	1	1	1
## 666	0.023529412	0.0000000	0.0	3	2	8
## 667	0.009523810	18.5847619	0.0	4	1	1
## 668	0.013333333	0.0000000	0.0	2	2	1
## 669	0.030000000	0.0000000	0.0	3	2	3
## 670	0.006666667	0.0000000	0.0	2	2	1
## 671	0.080392157	0.0000000	0.0	2	2	6
## 672	0.025000000	0.0000000	0.0	2	2	1
## 673	0.010666667	0.0000000	0.0	2	2	8
## 674	0.007923497	3.0778361	0.0	2	4	3
## 675	0.005951036	0.0000000	0.0	2	2	1
## 676	0.033333333	0.0000000	0.0	1	1	8
## 677	0.001666667	0.0000000	0.0	3	2	1
## 678	0.037222222	0.0000000	0.0	2	4	3
## 679	0.050000000	0.0000000	0.0	1	1	3
## 680	0.020000000	0.0000000	0.0	2	2	4
## 681	0.026757370	0.0000000	0.0	2	2	2
## 682	0.050000000	0.0000000	0.0	2	4	3
## 683	0.051923077	0.0000000	0.0	3	2	2
## 684	0.011774152	0.0000000	0.0	3	2	1
## 685	0.025333333	0.0000000	0.0	2	5	1
## 686	0.035897436	6.4827983	0.0	2	4	4
## 687	0.002185792	69.4304319	0.0	2	2	3
## 688	0.018834175	6.4450515	0.0	3	2	1
## 689	0.004000000	20.9714400	0.0	2	4	3
## 690	0.010974434	0.0000000	0.0	3	2	4
## 691	0.028571429	0.0000000	0.0	3	2	1
## 692	0.100000000	0.0000000	0.0	3	2	1
## 693	0.023913043	0.0000000	0.0	4	2	8
## 694	0.020707071	19.7146892	0.0	1	1	2
## 695	0.050000000	0.0000000	0.0	1	1	3
## 696	0.016289934	4.6420000	0.0	2	2	2
## 697	0.026666667	0.0000000	0.0	3	2	2
## 698	0.050000000	0.0000000	0.0	3	2	8
## 699	0.002976190	0.0000000	0.0	2	4	1
## 700	0.004166667	0.0000000	0.0	1	1	2
## 701	0.128571429	0.0000000	0.0	2	2	1
## 702	0.004545455	0.0000000	0.0	1	1	3
## 703	0.055555556	0.0000000	0.0	3	2	3
## 704	0.066666667	0.0000000	0.0	2	2	4
## 705	0.028571429	0.0000000	0.0	1	1	1
## 706	0.066666667	0.0000000	0.0	2	5	1
## 707	0.035714286	0.0000000	0.0	1	1	3
## 708	0.030952381	0.0000000	0.0	2	2	4
## 709	0.023666667	0.0000000	0.0	2	2	3
## 710	0.100000000	0.0000000	0.0	3	2	2
## 711	0.066666667	0.0000000	0.0	2	2	8
## 712	0.200000000	0.0000000	0.0	1	1	3
## 713	0.034285714	0.0000000	0.0	2	2	1
## 714	0.017493734	4.4947412	0.0	1	1	2
## 715	0.025000000	0.0000000	0.0	4	1	9
## 716	0.200000000	0.0000000	0.0	1	1	2
## 717	0.040000000	0.0000000	0.0	2	2	7
## 718	0.021875000	0.0000000	0.0	4	1	1

## 719	0.200000000	0.0000000	0.0	2	4	1
## 720	0.050000000	0.0000000	0.0	1	1	6
## 721	0.050000000	0.0000000	0.0	3	2	1
## 722	0.021739130	0.0000000	0.0	2	2	2
## 723	0.007777778	0.0000000	0.0	1	1	7
## 724	0.014285714	0.0000000	0.0	1	1	1
## 725	0.011111111	0.0000000	0.0	1	2	2
## 726	0.009285714	0.0000000	0.0	1	1	3
## 727	0.007723577	4.6670793	0.0	3	3	2
## 728	0.066666667	0.0000000	0.0	4	1	3
## 729	0.019393939	7.8823773	0.0	1	1	3
## 730	0.002666667	0.0000000	0.0	3	2	1
## 731	0.004166667	0.0000000	0.0	3	2	1
## 732	0.014766169	2.3468004	0.0	2	2	4
## 733	0.005263158	0.0000000	0.0	2	2	4
## 734	0.033252033	0.0000000	0.0	2	2	2
## 735	0.200000000	0.0000000	0.0	1	8	2
## 736	0.000956938	0.0000000	0.0	2	4	7
## 737	0.044444444	0.0000000	0.0	2	2	3
## 738	0.015625000	0.0000000	0.0	2	2	1
## 739	0.083333333	0.0000000	0.0	2	2	1
## 740	0.009523810	0.0000000	0.0	2	4	4
## 741	0.009090909	0.0000000	0.0	2	2	4
## 742	0.017428305	3.6093985	0.0	2	4	7
## 743	0.023245614	0.0000000	0.0	2	2	3
## 744	0.013333333	52.1081818	0.0	2	2	1
## 745	0.041176471	0.0000000	0.0	1	1	3
## 746	0.003571429	0.0000000	0.0	1	1	2
## 747	0.018487395	0.0000000	0.0	1	1	1
## 748	0.036842105	32.6452105	0.0	2	7	3
## 749	0.071428571	0.0000000	0.0	3	2	6
## 750	0.015384615	31.3094364	0.0	2	2	1
## 751	0.025000000	0.0000000	0.0	2	2	2
## 752	0.026591844	43.3616369	0.0	1	1	1
## 753	0.021794872	0.0000000	0.0	2	6	1
## 754	0.040000000	0.0000000	0.0	3	2	3
## 755	0.200000000	0.0000000	0.0	1	1	1
## 756	0.063636364	0.0000000	0.0	2	6	1
## 757	0.050000000	0.0000000	0.0	3	3	4
## 758	0.043750000	0.0000000	0.0	2	4	1
## 759	0.011578947	0.0000000	0.0	2	2	3
## 760	0.031372549	0.0000000	0.0	2	2	1
## 761	0.005345441	2.5266169	0.0	1	2	3
## 762	0.016433566	0.0000000	0.0	2	2	1
## 763	0.014545455	0.0000000	0.0	1	1	1
## 764	0.004916136	2.0862185	0.0	2	2	3
## 765	0.006666667	0.0000000	0.0	2	10	4
## 766	0.039104938	0.0000000	0.0	3	2	1
## 767	0.030769231	0.0000000	0.0	3	2	1
## 768	0.016037881	8.6000431	0.0	3	2	8
## 769	0.020689655	0.0000000	0.0	4	2	3
## 770	0.030000000	9.1500800	0.0	4	1	1
## 771	0.055555556	0.0000000	0.0	2	2	6
## 772	0.033333333	0.0000000	0.0	1	1	1

## 773	0.003448276	0.0000000	0.0	2	2	1
## 774	0.027272727	15.6644517	0.0	2	2	4
## 775	0.050000000	0.0000000	0.0	1	1	1
## 776	0.050000000	0.0000000	0.0	2	7	2
## 777	0.033333333	0.0000000	0.0	2	2	1
## 778	0.025925926	0.0000000	0.0	2	2	4
## 779	0.016892552	0.0000000	0.0	1	1	3
## 780	0.066666667	0.0000000	0.0	2	2	1
## 781	0.030769231	0.0000000	0.0	2	5	3
## 782	0.092307692	0.0000000	0.0	1	8	1
## 783	0.010142857	0.0000000	0.0	3	2	3
## 784	0.025000000	0.0000000	0.0	3	2	8
## 785	0.053125000	0.0000000	0.0	1	1	3
## 786	0.049411765	0.0000000	0.0	2	6	4
## 787	0.017396907	7.8911710	0.0	2	2	1
## 788	0.053030303	0.0000000	0.0	1	1	6
## 789	0.066666667	0.0000000	0.0	1	8	4
## 790	0.006998399	1.0881582	0.0	2	4	3
## 791	0.010000000	0.0000000	0.0	1	2	1
## 792	0.012500000	0.0000000	0.0	2	2	3
## 793	0.005357143	44.6119985	0.0	1	1	4
## 794	0.120000000	0.0000000	0.0	1	1	3
## 795	0.200000000	0.0000000	0.0	2	2	1
## 796	0.200000000	0.0000000	0.0	3	2	6
## 797	0.040000000	54.8554300	0.0	2	4	3
## 798	0.075000000	0.0000000	0.0	3	2	1
## 799	0.025000000	0.0000000	0.0	1	1	4
## 800	0.007142857	0.0000000	0.0	2	6	2
## 801	0.021383648	13.0018396	0.0	1	1	2
## 802	0.025000000	0.0000000	0.0	2	2	3
## 803	0.033333333	0.0000000	0.0	3	2	7
## 804	0.028571429	23.8635929	0.0	2	2	1
## 805	0.050000000	0.0000000	0.0	4	5	1
## 806	0.005072464	0.0000000	0.0	2	2	7
## 807	0.011111111	0.0000000	0.0	3	2	8
## 808	0.033333333	0.0000000	0.0	1	1	3
## 809	0.034462810	0.0000000	0.0	3	2	3
## 810	0.100000000	0.0000000	0.0	2	6	1
## 811	0.050000000	0.0000000	0.0	2	2	8
## 812	0.025000000	0.0000000	0.0	3	2	2
## 813	0.200000000	0.0000000	0.0	1	1	3
## 814	0.150000000	0.0000000	0.0	2	2	1
## 815	0.040000000	0.0000000	0.0	2	5	3
## 816	0.022984749	0.0000000	0.0	2	2	1
## 817	0.021250000	0.0000000	0.0	2	5	1
## 818	0.020833333	0.0000000	0.0	2	2	1
## 819	0.012765306	29.4581515	0.0	3	2	3
## 820	0.016666667	0.0000000	0.0	4	1	3
## 821	0.010810811	0.0000000	0.0	2	2	1
## 822	0.200000000	0.0000000	0.0	1	2	1
## 823	0.100000000	0.0000000	0.0	3	2	4
## 824	0.010000000	0.0000000	0.0	2	2	1
## 825	0.007207207	0.0000000	0.0	3	3	2
## 826	0.023076923	0.0000000	0.0	3	2	6

## 827	0.005882353	0.0000000	0.0	1	1	3
## 828	0.036923077	3.1486154	0.0	2	2	2
## 829	0.010344828	0.0000000	0.0	3	2	7
## 830	0.066666667	0.0000000	0.0	1	1	1
## 831	0.010000000	0.0000000	0.0	1	1	3
## 832	0.051111111	0.0000000	0.0	2	2	7
## 833	0.015989583	0.0000000	0.0	2	2	2
## 834	0.027083333	0.0000000	0.0	4	2	1
## 835	0.031029186	0.0000000	0.0	2	2	1
## 836	0.018226601	3.6913448	0.0	1	4	1
## 837	0.008771930	0.0000000	0.0	1	1	3
## 838	0.071428571	0.0000000	0.0	3	2	1
## 839	0.018866213	15.3291016	0.0	2	2	3
## 840	0.002666667	0.0000000	0.0	1	1	1
## 841	0.038222222	0.0000000	0.0	2	2	6
## 842	0.005555556	0.0000000	0.0	3	2	4
## 843	0.100000000	0.0000000	0.0	1	1	2
## 844	0.018233487	11.1076505	0.0	2	2	1
## 845	0.008695652	0.0000000	0.0	2	2	1
## 846	0.005714286	0.0000000	0.0	3	2	4
## 847	0.066666667	0.0000000	0.0	4	1	3
## 848	0.020322581	8.4979355	0.0	3	2	4
## 849	0.028571429	25.1880000	0.0	1	2	1
## 850	0.006250000	0.0000000	0.0	2	2	1
## 851	0.016666667	0.0000000	0.0	1	1	1
## 852	0.023933659	0.0000000	0.0	3	2	1
## 853	0.028571429	0.0000000	0.0	1	1	1
## 854	0.012500000	75.0678157	0.0	2	2	6
## 855	0.033333333	0.0000000	0.0	3	2	1
## 856	0.033333333	0.0000000	0.0	2	2	1
## 857	0.002462121	0.0000000	0.0	2	2	9
## 858	0.016666667	0.0000000	0.0	1	1	6
## 859	0.015811966	0.0000000	0.0	2	2	8
## 860	0.011111111	0.0000000	0.0	2	2	3
## 861	0.200000000	0.0000000	0.0	2	4	1
## 862	0.004390244	0.0000000	0.0	2	2	3
## 863	0.003703704	0.0000000	0.0	3	2	2
## 864	0.007309582	0.0000000	0.0	3	2	4
## 865	0.133333333	0.0000000	0.0	4	1	1
## 866	0.031531532	8.7083243	0.0	2	2	3
## 867	0.032653061	21.2238673	0.0	2	2	1
## 868	0.025000000	17.5380000	0.0	2	4	1
## 869	0.048484848	0.0000000	0.0	2	2	3
## 870	0.100000000	0.0000000	0.0	2	2	4
## 871	0.100000000	0.0000000	0.0	2	2	1
## 872	0.017954545	0.0000000	0.0	2	2	1
## 873	0.016666667	0.0000000	0.0	7	1	1
## 874	0.005055944	9.9301870	0.0	2	2	6
## 875	0.020000000	0.0000000	0.0	3	2	7
## 876	0.036842105	0.0000000	0.0	2	2	4
## 877	0.005000000	0.0000000	0.0	3	2	1
## 878	0.120000000	0.0000000	0.0	2	2	1
## 879	0.012500000	0.0000000	0.0	2	2	1
## 880	0.012577640	0.0000000	0.0	2	2	6

## 881	0.032000000	0.0000000	0.0	2	2	1
## 882	0.022222222	0.0000000	0.0	1	2	6
## 883	0.014565217	8.2241685	0.0	2	4	3
## 884	0.065000000	0.0000000	0.0	3	2	2
## 885	0.040000000	31.1880000	0.0	1	1	7
## 886	0.200000000	0.0000000	0.0	3	2	3
## 887	0.011764706	0.0000000	0.0	2	2	2
## 888	0.018181818	0.0000000	0.0	2	2	6
## 889	0.040000000	0.0000000	0.0	1	2	2
## 890	0.056666667	43.7971736	0.0	2	2	1
## 891	0.016000000	0.0000000	0.0	4	1	1
## 892	0.022222222	63.5880000	0.0	1	1	1
## 893	0.010666667	0.0000000	0.0	2	2	5
## 894	0.011666667	3.3110800	0.0	1	2	1
## 895	0.009142857	3.2986800	0.0	2	2	1
## 896	0.050000000	0.0000000	0.0	3	2	1
## 897	0.066666667	0.0000000	0.0	2	5	8
## 898	0.016666667	0.0000000	0.0	2	4	1
## 899	0.050000000	0.0000000	0.0	3	2	8
## 900	0.044444444	0.0000000	0.0	3	2	7
## 901	0.013663064	0.0000000	0.0	2	4	1
## 902	0.022222222	0.0000000	0.0	2	2	1
## 903	0.017307692	0.0000000	0.0	1	1	2
## 904	0.040476190	0.0000000	0.0	1	1	6
## 905	0.033208874	0.0000000	0.0	2	2	3
## 906	0.033333333	0.0000000	0.0	2	2	4
## 907	0.020000000	0.0000000	0.0	1	1	1
## 908	0.002721088	0.0000000	0.0	1	2	4
## 909	0.020000000	0.0000000	0.0	2	4	2
## 910	0.020661157	0.0000000	0.0	1	2	3
## 911	0.009090909	0.0000000	0.0	1	1	1
## 912	0.005217391	0.0000000	0.0	2	2	3
## 913	0.027138047	0.0000000	0.0	2	2	9
## 914	0.062500000	0.0000000	0.0	1	1	1
## 915	0.050000000	0.0000000	0.0	2	2	7
## 916	0.018750000	0.0000000	0.0	1	1	1
## 917	0.200000000	0.0000000	0.0	2	2	7
## 918	0.025000000	0.0000000	0.0	2	2	1
## 919	0.042741935	2.3043226	0.0	2	2	1
## 920	0.003508772	0.0000000	0.0	2	2	2
## 921	0.200000000	0.0000000	0.0	2	2	1
## 922	0.014285714	0.0000000	0.0	1	1	4
## 923	0.041666667	0.0000000	0.0	1	2	1
## 924	0.050000000	0.0000000	0.0	1	1	1
## 925	0.022222222	0.0000000	0.0	2	2	1
## 926	0.015196078	0.0000000	0.0	2	2	7
## 927	0.026388889	33.5332758	0.0	2	6	4
## 928	0.018181818	0.0000000	0.0	4	2	1
## 929	0.026666667	0.0000000	0.0	3	2	4
## 930	0.200000000	0.0000000	0.0	1	1	7
## 931	0.011111111	0.0000000	0.0	2	2	6
## 932	0.011458333	20.1175129	0.0	2	2	3
## 933	0.200000000	0.0000000	0.0	3	2	3
## 934	0.011111111	0.0000000	0.0	3	2	4

## 935	0.010971006	2.9155116	0.0	2	6	2
## 936	0.033333333	0.0000000	0.0	4	1	1
## 937	0.004761905	0.0000000	0.0	2	2	1
## 938	0.050000000	0.0000000	0.0	3	2	3
## 939	0.030125313	0.0000000	0.0	2	2	3
## 940	0.020000000	0.0000000	0.0	2	2	2
## 941	0.008333333	35.8370931	0.0	1	1	4
## 942	0.018519814	62.1688636	0.0	3	2	6
## 943	0.200000000	0.0000000	0.0	3	2	3
## 944	0.083333333	0.0000000	0.0	1	1	1
## 945	0.015384615	0.0000000	0.0	2	2	2
## 946	0.100000000	0.0000000	0.0	4	2	2
## 947	0.060000000	0.0000000	0.0	2	2	7
## 948	0.020000000	0.0000000	0.0	3	2	1
## 949	0.007692308	0.0000000	0.0	3	2	1
## 950	0.023529412	0.0000000	0.0	2	2	4
## 951	0.027205882	0.0000000	0.0	3	2	1
## 952	0.011468360	4.0952889	0.0	1	1	2
## 953	0.014499164	0.0000000	0.0	3	2	7
## 954	0.012742857	0.0000000	0.0	3	2	1
## 955	0.025000000	0.0000000	0.0	1	1	1
## 956	0.007894737	0.0000000	0.0	1	1	1
## 957	0.033333333	0.0000000	0.0	1	1	1
## 958	0.031538462	0.0000000	0.0	3	2	1
## 959	0.006666667	0.0000000	0.0	1	1	7
## 960	0.085185185	0.0000000	0.0	2	5	5
## 961	0.014285714	0.0000000	0.0	1	1	1
## 962	0.050000000	0.0000000	0.0	2	2	9
## 963	0.014285714	0.0000000	0.0	2	2	1
## 964	0.007142857	0.0000000	0.0	3	2	3
## 965	0.003917526	13.4640631	0.0	2	2	3
## 966	0.045833333	0.0000000	0.0	1	1	4
## 967	0.033333333	0.0000000	0.0	1	1	1
## 968	0.011764706	0.0000000	0.0	1	1	2
## 969	0.009259259	28.3933549	0.0	2	2	3
## 970	0.011111111	0.0000000	0.0	3	2	2
## 971	0.057142857	0.0000000	0.0	2	5	1
## 972	0.044444444	0.0000000	0.0	2	2	2
## 973	0.040000000	0.0000000	0.0	1	1	3
## 974	0.033333333	0.0000000	0.0	3	2	7
## 975	0.005882353	0.0000000	0.0	2	2	1
## 976	0.033333333	0.0000000	0.0	2	2	2
## 977	0.018181818	0.0000000	0.0	2	4	4
## 978	0.025000000	0.0000000	0.0	3	2	2
## 979	0.200000000	0.0000000	0.0	1	1	4
## 980	0.010526316	0.0000000	0.0	1	1	1
## 981	0.017802198	0.0000000	0.0	3	2	1
## 982	0.009552239	0.0000000	0.0	2	2	1
## 983	0.044444444	0.0000000	0.0	2	2	3
## 984	0.025000000	0.0000000	0.0	2	2	1
## 985	0.021538462	0.0000000	0.0	3	2	1
## 986	0.010156250	0.0000000	0.0	2	2	7
## 987	0.026089744	0.0000000	0.0	1	1	6
## 988	0.012500000	0.0000000	0.0	2	2	1

## 989	0.028571429	0.0000000	0.0	1	1	3
## 990	0.200000000	0.0000000	0.0	2	2	7
## 991	0.040000000	0.0000000	0.0	2	2	4
## 992	0.066666667	0.0000000	0.0	2	4	3
## 993	0.026652893	0.0000000	0.0	2	2	4
## 994	0.066666667	0.0000000	0.0	2	2	1
## 995	0.003913043	0.0000000	0.0	1	1	1
## 996	0.033333333	0.0000000	0.0	3	2	4
## 997	0.015384615	0.0000000	0.0	2	2	1
## 998	0.100000000	0.0000000	0.0	2	2	8
## 999	0.022222222	0.0000000	0.0	2	2	7
## 1000	0.033333333	0.0000000	0.0	3	2	1
## 1001	0.010526316	0.0000000	0.0	3	2	3
## 1002	0.020512821	0.0000000	0.0	2	2	1
## 1003	0.048648649	0.0000000	0.0	2	10	6
## 1004	0.050000000	0.0000000	0.0	2	2	9
## 1005	0.020000000	0.0000000	0.0	2	2	1
## 1006	0.036666667	0.0000000	0.0	3	2	3
## 1007	0.004444444	0.0000000	0.0	2	2	3
## 1008	0.200000000	0.0000000	0.0	2	2	3
## 1009	0.200000000	0.0000000	0.0	1	1	1
## 1010	0.040000000	0.0000000	0.0	2	2	1
## 1011	0.011147186	0.0000000	0.0	4	1	1
## 1012	0.019990486	6.6266477	0.0	2	2	3
## 1013	0.075000000	0.0000000	0.0	3	2	1
## 1014	0.083333333	0.0000000	0.0	2	2	7
## 1015	0.016666667	10.8343104	0.0	3	2	6
## 1016	0.033333333	18.8649000	0.0	1	1	2
## 1017	0.085714286	0.0000000	0.0	2	2	3
## 1018	0.018181818	30.6504545	0.0	2	2	2
## 1019	0.066666667	0.0000000	0.0	3	6	1
## 1020	0.166666667	0.0000000	0.0	1	1	3
## 1021	0.018141923	0.0000000	0.0	3	2	2
## 1022	0.011764706	0.0000000	0.0	2	2	1
## 1023	0.005882353	0.0000000	0.0	2	2	7
## 1024	0.023809524	0.0000000	0.0	2	2	7
## 1025	0.028151261	0.0000000	0.0	2	2	3
## 1026	0.018154762	0.0000000	0.0	1	1	1
## 1027	0.025000000	64.7325000	0.0	2	2	1
## 1028	0.012962963	0.0000000	0.0	2	2	4
## 1029	0.016666667	0.0000000	0.0	1	1	1
## 1030	0.066666667	0.0000000	0.0	2	4	1
## 1031	0.043055556	0.0000000	0.0	2	2	3
## 1032	0.200000000	0.0000000	0.0	3	2	5
## 1033	0.016666667	0.0000000	0.0	2	2	8
## 1034	0.001041667	35.1037828	0.0	2	7	2
## 1035	0.000800000	144.3934888	0.0	2	2	7
## 1036	0.009358814	0.0000000	0.0	3	2	1
## 1037	0.055026455	0.0000000	0.0	2	2	1
## 1038	0.022222222	0.0000000	0.0	2	2	1
## 1039	0.024242424	0.0000000	0.0	3	2	3
## 1040	0.133333333	0.0000000	0.0	2	2	7
## 1041	0.016666667	0.0000000	0.0	1	1	2
## 1042	0.012500000	0.0000000	0.0	1	1	1

## 1043	0.006250000	0.0000000	0.0	1	1	1
## 1044	0.200000000	0.0000000	0.0	2	2	2
## 1045	0.033333333	0.0000000	0.0	2	4	4
## 1046	0.066666667	0.0000000	0.0	2	2	1
## 1047	0.066666667	0.0000000	0.0	3	2	6
## 1048	0.010416667	0.0000000	0.0	2	2	1
## 1049	0.021839080	0.0000000	0.0	2	2	4
## 1050	0.043002538	0.0000000	0.0	2	2	2
## 1051	0.026666667	0.0000000	0.0	2	2	6
## 1052	0.009523810	60.0454966	0.0	2	2	3
## 1053	0.001724138	0.0000000	0.0	2	2	1
## 1054	0.007891429	5.6986429	0.0	3	2	6
## 1055	0.055555556	0.0000000	0.0	1	1	3
## 1056	0.060000000	0.0000000	0.0	4	1	3
## 1057	0.007142857	0.0000000	0.0	1	1	1
## 1058	0.018300654	0.0000000	0.0	2	2	3
## 1059	0.066666667	0.0000000	0.0	2	6	7
## 1060	0.022972973	0.0000000	0.0	2	2	4
## 1061	0.010997732	0.0000000	0.0	4	5	1
## 1062	0.008333333	0.0000000	0.0	2	4	1
## 1063	0.066666667	0.0000000	0.0	2	2	2
## 1064	0.016913580	9.0284067	0.0	1	1	2
## 1065	0.025282904	11.7736736	0.0	3	2	3
## 1066	0.046153846	0.0000000	0.0	2	2	4
## 1067	0.014414414	0.0000000	0.0	2	2	1
## 1068	0.007692308	0.0000000	0.0	2	2	3
## 1069	0.027272727	0.0000000	0.0	1	1	3
## 1070	0.004000000	0.0000000	0.0	2	2	1
## 1071	0.066666667	0.0000000	0.0	2	2	2
## 1072	0.021666667	0.0000000	0.0	3	2	1
## 1073	0.007407407	0.0000000	0.0	4	1	1
## 1074	0.033777778	0.0000000	0.0	2	2	6
## 1075	0.038095238	0.0000000	0.0	2	5	5
## 1076	0.020000000	0.0000000	0.0	2	2	1
## 1077	0.020289855	21.9252135	0.0	2	6	6
## 1078	0.050000000	0.0000000	0.0	2	2	7
## 1079	0.014285714	0.0000000	0.0	3	2	1
## 1080	0.020000000	0.0000000	0.0	2	2	1
## 1081	0.006666667	0.0000000	0.0	3	2	5
## 1082	0.023809524	0.0000000	0.0	1	1	1
## 1083	0.095000000	0.0000000	0.0	1	1	6
## 1084	0.060000000	0.0000000	0.0	1	1	6
## 1085	0.020000000	0.0000000	0.0	2	2	1
## 1086	0.066666667	0.0000000	0.0	3	2	4
## 1087	0.013104972	0.0000000	0.0	2	10	1
## 1088	0.014583333	0.0000000	0.0	2	2	4
## 1089	0.133333333	0.0000000	0.0	3	3	1
## 1090	0.006127451	37.4181420	0.0	3	2	3
## 1091	0.007111111	33.1478492	0.0	4	2	9
## 1092	0.031944444	0.0000000	0.0	3	2	1
## 1093	0.040000000	0.0000000	0.0	1	1	2
## 1094	0.040000000	0.0000000	0.0	2	2	1
## 1095	0.007692308	0.0000000	0.0	2	2	6
## 1096	0.013333333	0.0000000	0.0	1	1	3

##	1097	0.036957672	0.0000000	0.0	2	2	1
##	1098	0.031250000	0.0000000	0.0	2	2	2
##	1099	0.048245614	0.0000000	0.0	2	2	1
##	1100	0.002222222	40.7932000	0.0	3	2	7
##	1101	0.100000000	0.0000000	0.0	1	1	1
##	1102	0.007213115	0.0000000	0.0	3	2	3
##	1103	0.200000000	0.0000000	0.0	1	2	9
##	1104	0.044615385	0.0000000	0.0	2	5	1
##	1105	0.047222222	0.0000000	0.0	2	2	1
##	1106	0.010526316	0.0000000	0.0	2	2	1
##	1107	0.200000000	0.0000000	0.0	2	2	1
##	1108	0.066666667	0.0000000	0.0	2	2	3
##	1109	0.016666667	0.0000000	0.0	1	1	4
##	1110	0.100000000	0.0000000	0.0	3	2	1
##	1111	0.007692308	0.0000000	0.0	1	1	1
##	1112	0.044444444	0.0000000	0.0	1	1	6
##	1113	0.020175439	0.0000000	0.0	2	2	6
##	1114	0.020000000	0.0000000	0.0	1	1	3
##	1115	0.020161290	14.6832452	0.0	2	5	1
##	1116	0.043002538	0.0000000	0.0	1	1	1
##	1117	0.043002538	0.0000000	0.0	2	4	5
##	1118	0.043002538	0.0000000	0.0	2	2	1
##	1119	0.043002538	0.0000000	0.0	3	2	1
##	1120	0.048235294	0.0000000	0.0	3	2	4
##	1121	0.029761905	0.0000000	0.0	2	4	2
##	1122	0.022222222	0.0000000	0.0	1	1	1
##	1123	0.001587302	0.0000000	0.0	3	2	8
##	1124	0.014285714	0.0000000	0.0	3	2	1
##	1125	0.200000000	0.0000000	0.0	2	6	1
##	1126	0.200000000	0.0000000	0.0	1	1	3
##	1127	0.016666667	12.3578472	0.0	2	5	3
##	1128	0.004395604	0.0000000	0.0	3	2	1
##	1129	0.009135204	0.0000000	0.0	2	2	8
##	1130	0.042857143	0.0000000	0.0	2	2	8
##	1131	0.007792208	0.0000000	0.0	3	2	6
##	1132	0.016666667	0.0000000	0.0	2	5	1
##	1133	0.052631579	0.0000000	0.0	2	2	5
##	1134	0.020512821	0.0000000	0.0	1	2	6
##	1135	0.021269841	0.0000000	0.0	1	1	1
##	1136	0.100000000	0.0000000	0.0	2	2	1
##	1137	0.200000000	0.0000000	0.0	1	1	1
##	1138	0.150000000	0.0000000	0.0	3	3	1
##	1139	0.037500000	0.0000000	0.0	1	1	2
##	1140	0.022794118	10.1651716	0.0	3	7	1
##	1141	0.018181818	0.0000000	0.0	1	1	6
##	1142	0.006666667	0.0000000	0.0	2	2	3
##	1143	0.025000000	0.0000000	0.0	1	1	9
##	1144	0.033333333	13.2835556	0.0	3	2	4
##	1145	0.111111111	0.0000000	0.0	1	1	1
##	1146	0.032142857	0.0000000	0.0	2	5	2
##	1147	0.021250000	0.0000000	0.0	2	2	2
##	1148	0.020000000	0.0000000	0.0	4	1	3
##	1149	0.040000000	0.0000000	0.0	1	1	3
##	1150	0.013333333	0.0000000	0.0	2	2	1

##	1151	0.033333333	0.0000000	0.0	2	4	1
##	1152	0.200000000	0.0000000	0.0	2	2	1
##	1153	0.003174603	33.4777732	0.0	2	4	7
##	1154	0.200000000	0.0000000	0.0	1	1	1
##	1155	0.006896552	0.0000000	0.0	4	1	1
##	1156	0.050000000	0.0000000	0.0	2	2	1
##	1157	0.007142857	21.0486417	0.0	2	4	2
##	1158	0.009523810	0.0000000	0.0	2	2	1
##	1159	0.036666667	0.0000000	0.0	2	2	3
##	1160	0.028571429	0.0000000	0.0	3	2	2
##	1161	0.200000000	0.0000000	0.0	2	2	1
##	1162	0.100000000	0.0000000	0.0	3	2	2
##	1163	0.007000000	19.9557230	0.0	1	2	8
##	1164	0.015873016	10.8692605	0.0	1	1	7
##	1165	0.032222222	0.0000000	0.0	1	2	1
##	1166	0.014802260	10.3704237	0.0	2	2	1
##	1167	0.033333333	0.0000000	0.0	1	1	6
##	1168	0.066666667	0.0000000	0.0	1	1	1
##	1169	0.013061325	0.1206999	0.0	2	2	1
##	1170	0.011428571	0.0000000	0.0	3	2	1
##	1171	0.029285714	0.0000000	0.0	3	2	7
##	1172	0.033333333	0.0000000	0.0	3	2	2
##	1173	0.014285714	0.0000000	0.0	2	2	6
##	1174	0.011111111	0.0000000	0.0	2	2	9
##	1175	0.024242424	0.0000000	0.0	1	8	3
##	1176	0.016666667	41.3500720	0.0	1	1	1
##	1177	0.023099415	0.0000000	0.0	4	1	1
##	1178	0.040000000	0.0000000	0.0	2	2	1
##	1179	0.020000000	0.0000000	0.0	2	4	6
##	1180	0.095238095	0.0000000	0.0	1	2	2
##	1181	0.012843137	0.0000000	0.0	2	2	4
##	1182	0.033333333	0.0000000	0.0	2	2	1
##	1183	0.005454545	0.0000000	0.0	1	1	6
##	1184	0.040000000	0.0000000	0.0	2	2	1
##	1185	0.035862069	0.0000000	0.0	3	2	6
##	1186	0.028571429	0.0000000	0.0	2	2	1
##	1187	0.033333333	0.0000000	0.0	4	1	4
##	1188	0.007407407	0.0000000	0.0	2	2	1
##	1189	0.005882353	0.0000000	0.0	2	2	3
##	1190	0.020000000	0.0000000	0.0	2	4	7
##	1191	0.018518519	0.0000000	0.0	3	2	3
##	1192	0.015384615	0.0000000	0.0	2	2	1
##	1193	0.007843137	0.0000000	0.0	1	1	1
##	1194	0.023809524	0.0000000	0.0	1	1	1
##	1195	0.066666667	0.0000000	0.0	2	4	1
##	1196	0.014285714	0.0000000	0.0	3	3	1
##	1197	0.004651163	0.0000000	0.0	2	2	1
##	1198	0.020000000	77.9600000	0.0	1	2	9
##	1199	0.016666667	0.0000000	0.0	2	2	9
##	1200	0.002083333	0.0000000	0.0	2	2	3
##	1201	0.033333333	0.0000000	0.0	2	2	6
##	1202	0.050000000	0.0000000	0.0	2	2	3
##	1203	0.008333333	0.0000000	0.0	2	2	2
##	1204	0.066666667	0.0000000	0.0	1	1	4

## 1205	0.016544567	0.0000000	0.0	2	2	3
## 1206	0.033333333	0.0000000	0.0	2	2	7
## 1207	0.029795821	0.0000000	0.0	3	2	1
## 1208	0.025378788	0.0000000	0.0	2	4	7
## 1209	0.066666667	0.0000000	0.0	1	1	6
## 1210	0.012261867	5.1506636	0.0	1	1	7
## 1211	0.040000000	0.0000000	0.0	1	1	4
## 1212	0.011515152	20.3238811	0.0	2	6	1
## 1213	0.018000000	0.0000000	0.0	1	1	1
## 1214	0.080000000	0.0000000	0.0	2	4	1
## 1215	0.200000000	0.0000000	0.0	3	2	3
## 1216	0.030952381	0.0000000	0.0	2	6	1
## 1217	0.033333333	0.0000000	0.0	4	1	3
## 1218	0.122222222	0.0000000	0.0	3	2	1
## 1219	0.100000000	0.0000000	0.0	2	4	5
## 1220	0.019531250	0.0000000	0.0	3	2	6
## 1221	0.080000000	0.0000000	0.0	3	2	1
## 1222	0.033333333	0.0000000	0.0	1	1	1
## 1223	0.066666667	0.0000000	0.0	1	1	3
## 1224	0.022222222	0.0000000	0.0	2	6	1
## 1225	0.050000000	0.0000000	0.0	2	2	6
## 1226	0.020000000	0.0000000	0.0	2	2	2
## 1227	0.016666667	0.0000000	0.0	2	2	2
## 1228	0.018181818	0.0000000	0.0	2	2	5
## 1229	0.068181818	0.0000000	0.0	2	2	1
## 1230	0.006666667	45.7504000	0.0	2	2	1
## 1231	0.002051282	27.1280420	0.0	2	10	1
## 1232	0.015416667	0.0000000	0.0	2	2	1
## 1233	0.013461538	0.0000000	0.0	4	1	1
## 1234	0.006878307	0.0000000	0.0	1	1	7
## 1235	0.013333333	0.0000000	0.0	2	10	6
## 1236	0.021052632	0.0000000	0.0	2	2	3
## 1237	0.039753086	0.0000000	0.0	2	2	1
## 1238	0.040000000	35.4900000	0.0	2	2	3
## 1239	0.035416667	0.0000000	0.0	2	2	3
## 1240	0.049509804	0.0000000	0.0	3	2	1
## 1241	0.026190476	16.3394286	0.0	3	2	1
## 1242	0.044444444	0.0000000	0.0	1	1	1
## 1243	0.006250000	0.0000000	0.0	3	2	1
## 1244	0.200000000	0.0000000	0.0	1	1	4
## 1245	0.039682540	0.0000000	0.0	3	2	3
## 1246	0.015384615	0.0000000	0.0	1	8	1
## 1247	0.016666667	0.0000000	0.0	1	1	4
## 1248	0.120000000	0.0000000	0.0	3	2	1
## 1249	0.040000000	0.0000000	0.0	2	2	4
## 1250	0.020000000	0.0000000	0.0	2	4	3
## 1251	0.003333333	0.0000000	0.0	2	2	1
## 1252	0.015384615	0.0000000	0.0	2	2	3
## 1253	0.033333333	0.0000000	0.0	2	2	1
## 1254	0.011111111	0.0000000	0.0	2	2	2
## 1255	0.007142857	0.0000000	0.0	1	1	7
## 1256	0.013636364	10.7813636	0.0	1	1	2
## 1257	0.022222222	0.0000000	0.0	2	4	6
## 1258	0.040000000	0.0000000	0.0	1	1	1

## 1259	0.005405405	0.0000000	0.0	2	2	3
## 1260	0.044351348	0.0000000	0.0	1	2	9
## 1261	0.040000000	0.0000000	0.0	2	4	1
## 1262	0.011923715	8.5674269	0.0	2	4	2
## 1263	0.008333333	0.0000000	0.0	2	2	4
## 1264	0.200000000	0.0000000	0.0	1	1	1
## 1265	0.033333333	0.0000000	0.0	2	4	7
## 1266	0.016666667	0.0000000	0.0	2	2	1
## 1267	0.100000000	0.0000000	0.0	2	2	7
## 1268	0.186666667	0.0000000	0.0	3	2	7
## 1269	0.028571429	0.0000000	0.0	4	1	3
## 1270	0.006060606	0.0000000	0.0	2	2	6
## 1271	0.035714286	0.0000000	0.0	2	2	7
## 1272	0.011111111	0.0000000	0.0	2	4	1
## 1273	0.150000000	0.0000000	0.0	3	2	3
## 1274	0.023889556	0.0000000	0.0	3	2	3
## 1275	0.066666667	0.0000000	0.0	1	2	5
## 1276	0.022222222	53.2553333	0.0	1	1	1
## 1277	0.066666667	0.0000000	0.0	2	2	6
## 1278	0.040000000	0.0000000	0.0	2	2	1
## 1279	0.011111111	0.0000000	0.0	1	1	1
## 1280	0.002293202	0.0000000	0.0	2	2	5
## 1281	0.018181818	0.0000000	0.0	2	5	1
## 1282	0.062500000	29.2432500	0.0	2	10	3
## 1283	0.160000000	0.0000000	0.0	1	10	1
## 1284	0.059722222	0.0000000	0.0	2	2	1
## 1285	0.025000000	0.0000000	0.0	3	2	3
## 1286	0.075000000	0.0000000	0.0	2	2	6
## 1287	0.050000000	0.0000000	0.0	3	2	1
## 1288	0.025438596	0.0000000	0.0	2	2	8
## 1289	0.010344828	0.0000000	0.0	2	2	3
## 1290	0.035000000	0.0000000	0.0	3	2	1
## 1291	0.023529412	0.0000000	0.0	2	2	8
## 1292	0.013333333	0.0000000	0.0	4	2	4
## 1293	0.014285714	33.4100000	0.0	2	2	1
## 1294	0.044761905	32.5783130	0.0	3	3	1
## 1295	0.200000000	0.0000000	0.0	2	2	5
## 1296	0.012878788	0.0000000	0.0	1	2	3
## 1297	0.022222222	0.0000000	0.0	1	1	1
## 1298	0.009090909	0.0000000	0.0	3	2	7
## 1299	0.013333333	27.7590493	0.0	2	2	2
## 1300	0.010000000	0.0000000	0.0	1	2	7
## 1301	0.021383648	16.9464379	0.0	2	2	3
## 1302	0.015000000	0.0000000	0.0	2	2	5
## 1303	0.020000000	0.0000000	0.0	2	6	1
## 1304	0.018181818	0.0000000	0.0	4	1	2
## 1305	0.025000000	28.0509434	0.0	2	4	1
## 1306	0.004166667	0.0000000	0.0	1	1	1
## 1307	0.033333333	0.0000000	0.0	2	2	7
## 1308	0.061818182	0.0000000	0.0	1	1	9
## 1309	0.200000000	0.0000000	0.0	1	1	1
## 1310	0.008000000	92.4822063	0.0	2	2	7
## 1311	0.023529412	0.0000000	0.0	2	2	1
## 1312	0.012500000	0.0000000	0.0	2	4	1

## 1313	0.096298701	0.0000000	0.0	3	2	8
## 1314	0.100000000	0.0000000	0.0	1	1	1
## 1315	0.025000000	4.5990000	0.0	1	1	1
## 1316	0.005279668	16.8806961	0.0	3	2	1
## 1317	0.050000000	0.0000000	0.0	2	2	2
## 1318	0.024358974	0.0000000	0.0	2	4	3
## 1319	0.018817204	0.0000000	0.0	2	4	1
## 1320	0.013333333	0.0000000	0.0	2	2	1
## 1321	0.050000000	0.0000000	0.0	1	1	1
## 1322	0.006666667	0.0000000	0.0	3	2	3
## 1323	0.010215054	0.0000000	0.0	2	6	7
## 1324	0.034959350	0.0000000	0.0	2	2	1
## 1325	0.040000000	0.0000000	0.0	2	2	2
## 1326	0.030266123	4.2892929	0.0	3	2	1
## 1327	0.016000000	0.0000000	0.0	2	2	6
## 1328	0.027575758	0.0000000	0.0	3	2	1
## 1329	0.013782051	0.0000000	0.0	1	1	8
## 1330	0.008333333	23.8332309	0.0	4	2	1
## 1331	0.015384615	0.0000000	0.0	2	2	3
## 1332	0.100000000	0.0000000	0.0	4	1	4
## 1333	0.014285714	0.0000000	0.0	1	1	1
## 1334	0.066666667	0.0000000	0.0	1	1	1
## 1335	0.014393939	0.0000000	0.0	3	2	1
## 1336	0.100000000	0.0000000	0.0	2	2	1
## 1337	0.015873016	0.0000000	0.0	3	2	3
## 1338	0.025133361	78.3456018	0.0	2	2	1
## 1339	0.200000000	0.0000000	0.0	1	2	1
## 1340	0.150000000	0.0000000	0.0	3	2	1
## 1341	0.011904762	0.0000000	0.0	2	2	1
## 1342	0.022222222	0.0000000	0.0	2	2	1
## 1343	0.008907697	6.5068314	0.0	1	1	2
## 1344	0.006857143	0.0000000	0.0	1	1	1
## 1345	0.083333333	0.0000000	0.0	3	2	3
## 1346	0.040000000	0.0000000	0.0	1	1	6
## 1347	0.011538462	2.1797308	0.0	4	2	2
## 1348	0.040000000	0.0000000	0.0	3	2	6
## 1349	0.008333333	0.0000000	0.0	4	1	1
## 1350	0.022222222	0.0000000	0.0	2	2	1
## 1351	0.005714286	0.0000000	0.0	2	5	4
## 1352	0.016666667	0.0000000	0.0	3	2	4
## 1353	0.017307692	0.0000000	0.0	2	2	7
## 1354	0.009972955	15.3000376	0.0	1	1	4
## 1355	0.050000000	0.0000000	0.0	2	2	1
## 1356	0.044444444	0.0000000	0.0	2	2	8
## 1357	0.011764706	0.0000000	0.0	2	2	4
## 1358	0.011111111	0.0000000	0.0	2	2	5
## 1359	0.006250000	0.0000000	0.0	2	2	3
## 1360	0.046984127	0.0000000	0.0	3	2	4
## 1361	0.015384615	0.0000000	0.0	2	2	7
## 1362	0.003801170	62.3481370	0.0	4	1	1
## 1363	0.200000000	0.0000000	0.0	3	2	3
## 1364	0.010673235	0.0000000	0.0	1	1	1
## 1365	0.008492896	0.0000000	0.0	2	2	1
## 1366	0.011041667	0.0000000	0.0	3	2	2

## 1367	0.033333333	0.0000000	0.0	3	2	1
## 1368	0.200000000	0.0000000	0.0	2	2	9
## 1369	0.012612613	3.8894595	0.0	2	2	7
## 1370	0.012878788	0.0000000	0.0	3	2	1
## 1371	0.050000000	0.0000000	0.0	2	2	1
## 1372	0.150000000	0.0000000	0.0	3	2	6
## 1373	0.011111111	0.0000000	0.0	3	2	1
## 1374	0.042857143	0.0000000	0.0	3	3	3
## 1375	0.011111111	0.0000000	0.0	1	1	1
## 1376	0.018181818	0.0000000	0.0	2	2	2
## 1377	0.022222222	0.0000000	0.0	2	2	3
## 1378	0.004545455	0.0000000	0.0	3	2	6
## 1379	0.003921569	0.0000000	0.0	1	1	1
## 1380	0.150000000	0.0000000	0.0	2	10	3
## 1381	0.116666667	0.0000000	0.0	3	2	1
## 1382	0.010526316	0.0000000	0.0	3	2	3
## 1383	0.030128205	0.0000000	0.0	2	2	4
## 1384	0.200000000	0.0000000	0.0	2	4	3
## 1385	0.007692308	60.2901845	0.0	2	5	3
## 1386	0.012500000	0.0000000	0.0	3	2	1
## 1387	0.083333333	26.6613333	0.0	3	2	1
## 1388	0.013333333	0.0000000	0.0	2	2	1
## 1389	0.028571429	0.0000000	0.0	2	2	1
## 1390	0.033333333	0.0000000	0.0	3	3	1
## 1391	0.075000000	0.0000000	0.0	2	4	2
## 1392	0.035507246	0.0000000	0.0	3	2	3
## 1393	0.033333333	0.0000000	0.0	2	2	1
## 1394	0.044444444	0.0000000	0.0	3	2	3
## 1395	0.015384615	64.6000000	0.0	1	1	7
## 1396	0.012500000	20.2615568	0.0	2	4	2
## 1397	0.011764706	0.0000000	0.0	1	1	1
## 1398	0.025000000	0.0000000	0.0	2	4	1
## 1399	0.014693878	0.0000000	0.0	3	2	6
## 1400	0.023809524	10.2318730	0.0	2	2	3
## 1401	0.025000000	0.0000000	0.0	3	2	4
## 1402	0.040000000	0.0000000	0.0	2	5	2
## 1403	0.033333333	0.0000000	0.0	3	2	6
## 1404	0.018181818	74.0880000	0.0	1	1	1
## 1405	0.013333333	0.0000000	0.0	2	2	2
## 1406	0.114285714	0.0000000	0.0	2	2	1
## 1407	0.014285714	22.8890865	0.0	1	1	1
## 1408	0.100000000	0.0000000	0.0	3	2	3
## 1409	0.042857143	0.0000000	0.0	2	2	1
## 1410	0.009615385	0.0000000	0.0	2	4	4
## 1411	0.058571429	0.0000000	0.0	1	1	3
## 1412	0.010513320	0.0000000	0.0	2	4	3
## 1413	0.041140351	0.0000000	0.0	2	2	3
## 1414	0.050000000	0.0000000	0.0	3	2	3
## 1415	0.049312469	0.0000000	0.0	2	2	3
## 1416	0.057142857	0.0000000	0.0	1	2	4
## 1417	0.008928571	0.0000000	0.0	2	4	1
## 1418	0.100000000	0.0000000	0.0	2	2	9
## 1419	0.018148931	14.3220000	0.0	2	2	6
## 1420	0.014436090	10.9348246	0.0	2	2	2

## 1421	0.100000000	0.0000000	0.0	2	2	2
## 1422	0.045714286	0.0000000	0.0	1	1	6
## 1423	0.200000000	0.0000000	0.0	3	2	4
## 1424	0.044444444	0.0000000	0.0	1	2	9
## 1425	0.066666667	0.0000000	0.0	1	1	1
## 1426	0.010000000	0.0000000	0.0	2	2	4
## 1427	0.022000000	0.0000000	0.0	3	2	1
## 1428	0.019047619	9.5430603	0.0	2	2	3
## 1429	0.003875969	0.0000000	0.0	2	2	7
## 1430	0.042528736	0.0000000	0.0	2	5	2
## 1431	0.028070175	0.0000000	0.0	2	2	1
## 1432	0.065333333	0.0000000	0.0	3	2	4
## 1433	0.015942029	13.6346332	0.0	1	1	1
## 1434	0.001242236	0.0000000	0.0	2	2	8
## 1435	0.050000000	0.0000000	0.0	3	2	1
## 1436	0.039007092	13.1032624	0.0	2	2	6
## 1437	0.025000000	0.0000000	0.0	2	7	7
## 1438	0.016666667	0.0000000	0.0	1	1	1
## 1439	0.043333333	0.0000000	0.0	2	2	3
## 1440	0.010160428	13.6051201	0.0	2	2	1
## 1441	0.006628788	0.0000000	0.0	2	2	3
## 1442	0.037500000	0.0000000	0.0	1	1	4
## 1443	0.043002538	0.0000000	0.0	2	2	1
## 1444	0.043002538	0.0000000	0.0	1	1	6
## 1445	0.043002538	0.0000000	0.0	2	2	3
## 1446	0.043002538	0.0000000	0.0	1	1	2
## 1447	0.012820513	0.0000000	0.0	2	2	3
## 1448	0.022222222	0.0000000	0.0	2	2	7
## 1449	0.020349845	15.0332813	0.0	2	5	6
## 1450	0.076190476	0.0000000	0.0	3	2	1
## 1451	0.024000000	0.0000000	0.0	2	2	3
## 1452	0.004444444	0.0000000	0.0	2	2	3
## 1453	0.140000000	0.0000000	0.0	3	2	3
## 1454	0.007847222	11.4546944	0.0	1	1	1
## 1455	0.012500000	0.0000000	0.0	2	2	3
## 1456	0.040000000	0.0000000	0.0	2	2	1
## 1457	0.015338753	39.0358043	0.0	2	4	1
## 1458	0.025000000	0.0000000	0.0	2	2	1
## 1459	0.007407407	0.0000000	0.0	1	1	1
## 1460	0.020967742	14.8921084	0.0	2	2	7
## 1461	0.010714286	261.4912857	0.0	2	2	1
## 1462	0.023333333	0.0000000	0.0	2	2	7
## 1463	0.100000000	0.0000000	0.0	2	2	1
## 1464	0.007709751	0.0000000	0.0	3	2	7
## 1465	0.022304507	0.0000000	0.0	3	2	3
## 1466	0.015153664	0.0000000	0.0	2	5	6
## 1467	0.010784314	22.9641176	0.0	2	2	1
## 1468	0.200000000	0.0000000	0.0	2	2	7
## 1469	0.021080839	0.0000000	0.0	3	3	8
## 1470	0.011330049	0.0000000	0.0	2	4	1
## 1471	0.200000000	0.0000000	0.0	2	2	3
## 1472	0.142857143	0.0000000	0.0	3	2	8
## 1473	0.026666667	0.0000000	0.0	2	2	7
## 1474	0.020000000	0.0000000	0.0	2	2	6

## 1475	0.050000000	0.0000000	0.0	1	1	2
## 1476	0.100000000	0.0000000	0.0	2	2	3
## 1477	0.067972350	0.0000000	0.0	1	1	9
## 1478	0.021250000	33.3279681	0.0	2	2	3
## 1479	0.013800705	0.0000000	0.0	2	2	5
## 1480	0.025000000	0.0000000	0.0	1	1	3
## 1481	0.005319149	18.9532340	0.0	2	2	3
## 1482	0.020450450	19.3654955	0.0	2	2	1
## 1483	0.023611111	0.0000000	0.0	2	5	8
## 1484	0.060000000	0.0000000	0.0	2	2	1
## 1485	0.024843206	8.6317195	0.0	2	5	2
## 1486	0.011764706	0.0000000	0.0	2	5	1
## 1487	0.200000000	0.0000000	0.0	3	2	1
## 1488	0.010912698	12.0921619	0.0	2	2	6
## 1489	0.016428571	0.0000000	0.0	1	1	6
## 1490	0.008333333	0.0000000	0.0	1	2	8
## 1491	0.015384615	0.0000000	0.0	3	2	1
## 1492	0.018181818	0.0000000	0.0	3	2	1
## 1493	0.056282051	0.0000000	0.0	4	2	1
## 1494	0.031007752	0.0000000	0.0	2	2	6
## 1495	0.016000000	0.0000000	0.0	3	2	1
## 1496	0.002500000	0.0000000	0.0	2	2	7
## 1497	0.015476190	10.8444074	0.0	2	2	2
## 1498	0.030000000	3.8105753	0.0	2	2	7
## 1499	0.005128205	0.0000000	0.0	2	4	2
## 1500	0.050000000	0.0000000	0.0	2	2	6
## 1501	0.040000000	0.0000000	0.0	2	4	3
## 1502	0.028571429	0.0000000	0.0	3	2	3
## 1503	0.050000000	0.0000000	0.0	2	2	1
## 1504	0.035294118	0.0000000	0.0	2	5	1
## 1505	0.045098039	0.0000000	0.0	1	1	1
## 1506	0.025000000	0.0000000	0.0	2	2	3
## 1507	0.021969697	11.1234212	0.0	2	2	3
## 1508	0.029629630	0.0000000	0.0	2	2	2
## 1509	0.010256410	0.0000000	0.0	2	2	1
## 1510	0.034615385	0.0000000	0.0	2	2	6
## 1511	0.009090177	0.0000000	0.0	2	2	2
## 1512	0.020139373	9.4011366	0.0	2	4	2
## 1513	0.003225806	0.0000000	0.0	1	1	3
## 1514	0.020000000	0.0000000	0.0	2	2	1
## 1515	0.015909091	0.0000000	0.0	2	2	1
## 1516	0.020000000	0.0000000	0.0	2	2	3
## 1517	0.016666667	0.0000000	0.0	1	1	1
## 1518	0.029004329	0.0000000	0.0	1	1	1
## 1519	0.009523810	0.0000000	0.0	2	2	1
## 1520	0.016666667	0.0000000	0.0	1	1	1
## 1521	0.001666667	27.3063666	0.0	1	1	1
## 1522	0.022222222	0.0000000	0.0	2	2	1
## 1523	0.006138614	0.0000000	0.0	2	5	1
## 1524	0.016666667	0.0000000	0.0	2	2	2
## 1525	0.012980564	0.0000000	0.0	2	5	2
## 1526	0.028571429	0.0000000	0.0	2	2	1
## 1527	0.050000000	0.0000000	0.0	2	5	1
## 1528	0.032063492	0.0000000	0.0	1	1	1

## 1529	0.200000000	0.0000000	0.0	2	2	2
## 1530	0.028571429	0.0000000	0.0	2	2	9
## 1531	0.150000000	0.0000000	0.0	2	2	1
## 1532	0.019047619	0.0000000	0.0	1	1	1
## 1533	0.003571429	20.9183164	0.0	1	1	1
## 1534	0.024545455	0.0000000	0.0	3	2	4
## 1535	0.033333333	49.8233333	0.0	2	2	4
## 1536	0.033333333	0.0000000	0.0	2	2	5
## 1537	0.066666667	0.0000000	0.0	3	2	8
## 1538	0.022222222	0.0000000	0.0	2	4	3
## 1539	0.077777778	0.0000000	0.0	3	2	1
## 1540	0.004761905	60.1947794	0.0	2	5	9
## 1541	0.014311471	7.7538802	0.0	2	2	1
## 1542	0.024266667	0.0000000	0.0	4	1	1
## 1543	0.005555556	0.0000000	0.0	2	2	3
## 1544	0.200000000	0.0000000	0.0	2	2	7
## 1545	0.001058201	0.0000000	0.0	2	2	1
## 1546	0.020000000	0.0000000	0.0	3	2	1
## 1547	0.002493853	54.9512691	0.0	2	2	1
## 1548	0.014285714	0.0000000	0.0	2	2	1
## 1549	0.075000000	0.0000000	0.0	1	1	4
## 1550	0.008959900	4.7457368	0.0	1	1	1
## 1551	0.045833333	0.0000000	0.0	1	1	1
## 1552	0.014285714	0.0000000	0.0	3	2	7
## 1553	0.100000000	0.0000000	0.0	2	2	4
## 1554	0.059523810	19.5349550	0.0	2	6	3
## 1555	0.040000000	0.0000000	0.0	3	2	1
## 1556	0.040000000	0.0000000	0.0	2	2	1
## 1557	0.028571429	0.0000000	0.0	2	4	5
## 1558	0.100000000	0.0000000	0.0	3	2	4
## 1559	0.024274100	3.9782764	0.0	2	2	7
## 1560	0.040000000	0.0000000	0.0	1	1	6
## 1561	0.015097222	0.0000000	0.0	3	2	7
## 1562	0.045614035	0.0000000	0.0	2	2	1
## 1563	0.028571429	0.0000000	0.0	2	2	1
## 1564	0.005555556	0.0000000	0.0	1	1	2
## 1565	0.050000000	0.0000000	0.0	1	1	4
## 1566	0.055591398	0.0000000	0.0	2	2	7
## 1567	0.066666667	0.0000000	0.0	2	2	1
## 1568	0.030952381	0.0000000	0.0	2	2	3
## 1569	0.053333333	0.0000000	0.0	1	2	3
## 1570	0.005090909	0.0000000	0.0	2	2	9
## 1571	0.100000000	0.0000000	0.0	2	2	3
## 1572	0.025000000	0.0000000	0.0	2	2	6
## 1573	0.017422643	20.3043895	0.0	1	2	1
## 1574	0.069565217	0.0000000	0.0	2	2	3
## 1575	0.018918919	0.0000000	0.0	2	2	3
## 1576	0.006250000	0.0000000	0.0	1	1	1
## 1577	0.200000000	0.0000000	0.0	2	2	6
## 1578	0.011753515	6.4759102	0.0	3	2	2
## 1579	0.080000000	0.0000000	0.0	1	1	7
## 1580	0.125000000	0.0000000	0.0	2	2	1
## 1581	0.100000000	0.0000000	0.0	2	2	2
## 1582	0.066666667	0.0000000	0.0	4	1	8

## 1583	0.007142857	0.0000000	0.0	2	4	1
## 1584	0.024074074	0.0000000	0.0	1	2	7
## 1585	0.013513514	0.0000000	0.0	2	2	1
## 1586	0.014086022	0.0000000	0.0	2	2	3
## 1587	0.001346801	0.0000000	0.0	2	2	3
## 1588	0.200000000	0.0000000	0.0	3	3	1
## 1589	0.027915633	24.1307312	0.0	2	2	4
## 1590	0.013333333	0.0000000	0.0	1	1	4
## 1591	0.042857143	0.0000000	0.0	3	2	1
## 1592	0.120000000	0.0000000	0.0	2	2	5
## 1593	0.008095238	0.0000000	0.0	3	2	1
## 1594	0.200000000	0.0000000	0.0	2	2	1
## 1595	0.010256410	0.0000000	0.0	2	2	3
## 1596	0.008695652	0.0000000	0.0	2	2	1
## 1597	0.013636364	0.0000000	0.0	4	2	1
## 1598	0.017391304	0.0000000	0.0	2	2	1
## 1599	0.011111111	0.0000000	0.0	3	2	1
## 1600	0.044444444	0.0000000	0.0	2	2	1
## 1601	0.100000000	0.0000000	0.0	2	4	3
## 1602	0.023333333	29.3562978	0.0	2	2	1
## 1603	0.031515152	0.0000000	0.0	2	2	1
## 1604	0.025000000	81.2475000	0.0	1	1	2
## 1605	0.150000000	0.0000000	0.0	3	3	7
## 1606	0.004761905	0.0000000	0.0	3	6	1
## 1607	0.025000000	0.0000000	0.0	3	2	4
## 1608	0.004761905	0.0000000	0.0	3	2	3
## 1609	0.060000000	0.0000000	0.0	2	2	2
## 1610	0.019931973	33.1451429	0.0	3	2	1
## 1611	0.039110006	0.0000000	0.0	2	4	3
## 1612	0.000586510	0.0000000	0.0	2	2	1
## 1613	0.025541275	7.3716826	0.0	3	2	3
## 1614	0.001190476	0.0000000	0.0	1	1	3
## 1615	0.020000000	0.0000000	0.0	1	1	1
## 1616	0.011019900	0.0000000	0.0	2	6	1
## 1617	0.028571429	0.0000000	0.0	2	2	4
## 1618	0.006250000	0.0000000	0.0	2	2	7
## 1619	0.038738739	0.0000000	0.0	2	2	1
## 1620	0.150000000	0.0000000	0.0	3	2	1
## 1621	0.044155844	7.9458055	0.0	2	5	9
## 1622	0.044444444	0.0000000	0.0	2	10	1
## 1623	0.016000000	0.0000000	0.0	2	2	3
## 1624	0.066666667	0.0000000	0.0	3	2	1
## 1625	0.007142857	0.0000000	0.0	3	2	1
## 1626	0.033333333	0.0000000	0.0	2	2	7
## 1627	0.040000000	0.0000000	0.0	1	1	1
## 1628	0.050000000	0.0000000	0.0	2	2	9
## 1629	0.050000000	0.0000000	0.0	3	2	1
## 1630	0.003517665	0.0000000	0.0	1	1	1
## 1631	0.004813218	30.8979850	0.0	2	2	1
## 1632	0.032413793	0.0000000	0.0	2	2	3
## 1633	0.010000000	15.4334400	0.0	1	1	1
## 1634	0.023333333	0.0000000	0.0	2	2	1
## 1635	0.004166667	18.0253300	0.0	2	4	1
## 1636	0.003571429	0.0000000	0.0	3	2	4

## 1637	0.040000000	0.0000000	0.0	3	2	8
## 1638	0.046428571	0.0000000	0.0	2	2	3
## 1639	0.002985075	80.6806286	0.0	2	2	4
## 1640	0.020000000	0.0000000	0.0	2	2	1
## 1641	0.012500000	0.0000000	0.0	2	2	1
## 1642	0.036363636	0.0000000	0.0	1	1	4
## 1643	0.050000000	0.0000000	0.0	2	2	3
## 1644	0.001960784	0.0000000	0.0	1	1	3
## 1645	0.013000000	0.0000000	0.0	2	5	1
## 1646	0.041975309	0.0000000	0.0	2	2	3
## 1647	0.020000000	0.0000000	0.0	2	2	2
## 1648	0.005333333	0.0000000	0.0	3	2	1
## 1649	0.052631579	0.0000000	0.0	2	5	7
## 1650	0.120000000	0.0000000	0.0	2	2	7
## 1651	0.002469136	0.0000000	0.0	2	5	9
## 1652	0.004761905	0.0000000	0.0	2	4	1
## 1653	0.025000000	0.0000000	0.0	1	1	1
## 1654	0.016666667	0.0000000	0.0	2	2	1
## 1655	0.057142857	0.0000000	0.0	2	2	3
## 1656	0.066666667	0.0000000	0.0	2	4	3
## 1657	0.019615385	0.0000000	0.0	3	2	2
## 1658	0.100000000	0.0000000	0.0	2	2	6
## 1659	0.040000000	0.0000000	0.0	2	2	7
## 1660	0.100000000	0.0000000	0.0	2	4	3
## 1661	0.031578947	0.0000000	0.0	4	2	1
## 1662	0.075000000	0.0000000	0.0	2	2	1
## 1663	0.021052632	76.7866766	0.0	2	2	6
## 1664	0.020270270	0.0000000	0.0	2	4	3
## 1665	0.023076923	0.0000000	0.0	3	2	3
## 1666	0.017391304	0.0000000	0.0	2	4	7
## 1667	0.066666667	0.0000000	0.0	1	1	3
## 1668	0.033333333	0.0000000	0.0	3	2	1
## 1669	0.011111111	0.0000000	0.0	3	2	1
## 1670	0.030612245	0.0000000	0.0	3	2	1
## 1671	0.001754386	0.0000000	0.0	2	2	4
## 1672	0.041666667	0.0000000	0.0	2	2	9
## 1673	0.031481481	0.0000000	0.0	1	1	1
## 1674	0.057142857	0.0000000	0.0	2	2	2
## 1675	0.028282828	39.6327031	0.0	2	2	4
## 1676	0.009195402	0.0000000	0.0	1	1	7
## 1677	0.040476190	0.0000000	0.0	2	2	9
## 1678	0.133333333	0.0000000	0.0	3	2	3
## 1679	0.020000000	0.0000000	0.0	1	1	1
## 1680	0.007142857	0.0000000	0.0	2	5	1
## 1681	0.061538462	0.0000000	0.0	2	2	8
## 1682	0.080000000	0.0000000	0.0	2	2	1
## 1683	0.025000000	0.0000000	0.0	2	2	1
## 1684	0.053333333	0.0000000	0.0	2	2	6
## 1685	0.026666667	52.7005214	0.0	3	2	1
## 1686	0.066666667	0.0000000	0.0	3	2	1
## 1687	0.007142857	0.0000000	0.0	2	2	1
## 1688	0.006779661	7.2720678	0.0	2	2	7
## 1689	0.016666667	0.0000000	0.0	2	2	2
## 1690	0.002631579	0.0000000	0.0	3	2	2

## 1691	0.150000000	0.0000000	0.0	2	2	1
## 1692	0.006060606	10.6344980	0.0	1	1	1
## 1693	0.033333333	0.0000000	0.0	1	2	8
## 1694	0.016248380	0.0000000	0.0	1	1	2
## 1695	0.200000000	0.0000000	0.0	3	2	2
## 1696	0.100000000	0.0000000	0.0	1	1	4
## 1697	0.017760943	35.9810660	0.0	3	2	3
## 1698	0.026000000	14.1005333	0.0	2	4	8
## 1699	0.093750000	0.0000000	0.0	2	4	3
## 1700	0.014285714	0.0000000	0.0	2	2	1
## 1701	0.007142857	0.0000000	0.0	3	2	7
## 1702	0.008148148	0.0000000	0.0	1	1	1
## 1703	0.050000000	0.0000000	0.0	1	1	1
## 1704	0.023222222	5.4176444	0.0	2	2	1
## 1705	0.017460317	27.0779167	0.0	3	2	3
## 1706	0.050000000	0.0000000	0.0	3	2	4
## 1707	0.100000000	0.0000000	0.0	3	2	8
## 1708	0.102564103	0.0000000	0.0	1	1	3
## 1709	0.012916667	0.0000000	0.0	2	2	1
## 1710	0.021186441	0.0000000	0.0	2	2	6
## 1711	0.011111111	0.0000000	0.0	3	2	7
## 1712	0.025000000	0.0000000	0.0	2	2	7
## 1713	0.017877551	0.0000000	0.0	2	2	1
## 1714	0.042857143	0.0000000	0.0	2	2	3
## 1715	0.041666667	0.0000000	0.0	2	2	7
## 1716	0.061111111	0.0000000	0.0	1	2	8
## 1717	0.017066636	0.0000000	0.0	3	2	4
## 1718	0.006818182	0.0000000	0.0	4	1	4
## 1719	0.010389610	0.0000000	0.0	3	2	2
## 1720	0.100000000	0.0000000	0.0	3	2	2
## 1721	0.016000000	0.0000000	0.0	2	2	1
## 1722	0.010000000	0.0000000	0.0	2	2	5
## 1723	0.050000000	0.0000000	0.0	3	3	1
## 1724	0.015384615	0.0000000	0.0	3	2	9
## 1725	0.005128205	0.0000000	0.0	2	2	2
## 1726	0.033333333	0.0000000	0.0	2	2	1
## 1727	0.026580162	1.7050672	0.0	1	1	4
## 1728	0.015030864	0.0000000	0.0	3	2	1
## 1729	0.100000000	0.0000000	0.0	2	2	1
## 1730	0.034761905	0.0000000	0.0	2	2	2
## 1731	0.009090909	0.0000000	0.0	4	1	1
## 1732	0.046153846	0.0000000	0.0	2	2	1
## 1733	0.075000000	0.0000000	0.0	3	2	6
## 1734	0.016666667	0.0000000	0.0	2	2	3
## 1735	0.017777778	0.0000000	0.0	2	2	1
## 1736	0.016666667	18.2099565	0.0	2	2	7
## 1737	0.005853659	0.0000000	0.0	2	2	3
## 1738	0.042857143	0.0000000	0.0	4	1	1
## 1739	0.007575758	16.5631455	0.0	2	2	7
## 1740	0.039682540	14.2564835	0.0	3	2	2
## 1741	0.012500000	0.0000000	0.0	3	2	1
## 1742	0.017724868	7.1414286	0.0	3	2	7
## 1743	0.050000000	0.0000000	0.0	1	1	1
## 1744	0.005797101	0.0000000	0.0	2	2	2

## 1745	0.005405405	27.2386620	0.0	2	10	2
## 1746	0.002777778	13.6263061	0.0	2	2	1
## 1747	0.019210526	0.0000000	0.0	2	2	1
## 1748	0.029166667	0.0000000	0.0	3	2	1
## 1749	0.017241379	0.0000000	0.0	1	2	6
## 1750	0.061904762	0.0000000	0.0	2	6	1
## 1751	0.007230392	11.4846177	0.0	3	2	1
## 1752	0.018181818	10.9130002	0.0	2	5	1
## 1753	0.008333333	0.0000000	0.0	2	2	1
## 1754	0.010451977	85.7528587	0.0	2	2	2
## 1755	0.041915584	0.0000000	0.0	2	2	1
## 1756	0.033333333	0.0000000	0.0	1	1	1
## 1757	0.100000000	0.0000000	0.0	2	5	6
## 1758	0.019282953	0.0000000	0.0	2	2	8
## 1759	0.050000000	0.0000000	0.0	2	2	1
## 1760	0.200000000	0.0000000	0.0	2	2	2
## 1761	0.030876623	0.0000000	0.0	2	4	1
## 1762	0.020000000	0.0000000	0.0	3	2	1
## 1763	0.003333333	0.0000000	0.0	2	2	1
## 1764	0.100000000	0.0000000	0.0	2	2	6
## 1765	0.008695652	0.0000000	0.0	2	2	1
## 1766	0.022222222	0.0000000	0.0	1	1	2
## 1767	0.040000000	0.0000000	0.0	2	5	1
## 1768	0.061818182	0.0000000	0.0	3	2	1
## 1769	0.016666667	0.0000000	0.0	3	2	2
## 1770	0.038095238	0.0000000	0.0	2	2	3
## 1771	0.040000000	0.0000000	0.0	2	4	9
## 1772	0.066666667	0.0000000	0.0	2	4	9
## 1773	0.005797101	0.0000000	0.0	3	2	3
## 1774	0.013333333	0.0000000	0.0	2	2	1
## 1775	0.050000000	0.0000000	0.0	2	2	9
## 1776	0.018666667	40.7612800	0.0	2	2	3
## 1777	0.050000000	0.0000000	0.0	2	2	1
## 1778	0.100000000	0.0000000	0.0	3	2	1
## 1779	0.023502304	7.9646495	0.0	2	6	7
## 1780	0.016666667	0.0000000	0.0	1	1	7
## 1781	0.150000000	0.0000000	0.0	2	5	4
## 1782	0.100000000	0.0000000	0.0	2	2	2
## 1783	0.060000000	0.0000000	0.0	3	2	2
## 1784	0.028000000	0.0000000	0.0	2	2	1
## 1785	0.100000000	0.0000000	0.0	2	2	9
## 1786	0.003846154	0.0000000	0.0	2	2	3
## 1787	0.004594595	0.0000000	0.0	2	2	6
## 1788	0.034403292	12.5522074	0.0	1	1	3
## 1789	0.004013317	0.0000000	0.0	2	5	6
## 1790	0.043712341	3.3323333	0.0	1	1	1
## 1791	0.011111111	0.0000000	0.0	3	2	2
## 1792	0.027058824	0.0000000	0.0	2	2	2
## 1793	0.009375000	50.6649830	0.0	4	1	4
## 1794	0.028571429	0.0000000	0.0	2	2	1
## 1795	0.009523810	0.0000000	0.0	2	2	4
## 1796	0.025000000	0.0000000	0.0	2	5	1
## 1797	0.027160494	0.0000000	0.0	2	2	4
## 1798	0.009090909	0.0000000	0.0	2	4	1

## 1799	0.026428571	2.3976000	0.0	3	2	7
## 1800	0.031481481	0.0000000	0.0	1	1	1
## 1801	0.021511104	6.9382354	0.0	2	2	1
## 1802	0.100000000	0.0000000	0.0	2	2	9
## 1803	0.025000000	0.0000000	0.0	2	2	5
## 1804	0.023423423	0.0000000	0.0	2	4	3
## 1805	0.014666667	39.7173000	0.0	2	2	1
## 1806	0.100000000	0.0000000	0.0	2	2	1
## 1807	0.031111111	0.0000000	0.0	2	4	1
## 1808	0.008000000	19.9258494	0.0	4	2	2
## 1809	0.039251601	0.0000000	0.0	2	2	6
## 1810	0.016666667	0.0000000	0.0	2	2	1
## 1811	0.015384615	0.0000000	0.0	1	1	1
## 1812	0.030769231	0.0000000	0.0	2	4	4
## 1813	0.100000000	0.0000000	0.0	2	2	1
## 1814	0.010365854	30.0928134	0.0	2	2	7
## 1815	0.012500000	0.0000000	0.0	3	2	2
## 1816	0.055555556	0.0000000	0.0	2	2	6
## 1817	0.025000000	0.0000000	0.0	1	1	1
## 1818	0.010905045	6.4678317	0.0	2	2	3
## 1819	0.013461538	31.5464274	0.0	3	2	1
## 1820	0.003225806	0.0000000	0.0	2	2	7
## 1821	0.011111111	0.0000000	0.0	1	1	1
## 1822	0.020000000	0.0000000	0.0	2	2	1
## 1823	0.005555556	44.7110344	0.0	2	4	3
## 1824	0.005158730	0.0000000	0.0	3	2	1
## 1825	0.014285714	0.0000000	0.0	2	2	6
## 1826	0.066666667	0.0000000	0.0	3	2	1
## 1827	0.008000000	0.0000000	0.0	2	6	6
## 1828	0.065189145	0.0000000	0.0	2	2	1
## 1829	0.042857143	0.0000000	0.0	2	2	7
## 1830	0.012500000	0.0000000	0.0	3	2	9
## 1831	0.066666667	0.0000000	0.0	2	2	1
## 1832	0.025000000	0.0000000	0.0	3	2	1
## 1833	0.047107438	0.0000000	0.0	1	1	2
## 1834	0.054166667	0.0000000	0.0	2	2	4
## 1835	0.028571429	0.0000000	0.0	2	4	3
## 1836	0.012941176	10.3216607	0.0	2	2	1
## 1837	0.012000000	0.0000000	0.0	2	2	2
## 1838	0.007603276	0.0000000	0.0	1	1	1
## 1839	0.071428571	0.0000000	0.0	2	2	2
## 1840	0.020767196	0.0000000	0.0	4	1	3
## 1841	0.100000000	0.0000000	0.0	4	2	1
## 1842	0.005367521	0.0000000	0.0	3	2	1
## 1843	0.012500000	0.0000000	0.0	1	1	3
## 1844	0.031111111	0.0000000	0.0	2	4	3
## 1845	0.037464387	9.9383992	0.0	1	1	1
## 1846	0.022222222	0.0000000	0.0	3	2	5
## 1847	0.016666667	0.0000000	0.0	2	2	1
## 1848	0.146666667	0.0000000	0.0	1	1	3
## 1849	0.009090909	0.0000000	0.0	2	2	7
## 1850	0.008333333	0.0000000	0.0	2	2	7
## 1851	0.200000000	0.0000000	0.0	2	2	5
## 1852	0.004761905	0.0000000	0.0	2	2	1

## 1853	0.021974359	1.6601182	0.0	3	2	7
## 1854	0.002272727	0.0000000	0.0	2	2	1
## 1855	0.100000000	0.0000000	0.0	2	4	2
## 1856	0.050000000	0.0000000	0.0	2	2	9
## 1857	0.003461538	0.0000000	0.0	1	1	3
## 1858	0.200000000	0.0000000	0.0	3	2	6
## 1859	0.041333333	0.0000000	0.0	2	2	1
## 1860	0.050000000	0.0000000	0.0	2	2	1
## 1861	0.100000000	0.0000000	0.0	1	1	1
## 1862	0.037575758	0.0000000	0.0	2	2	3
## 1863	0.009722222	39.6553816	0.0	1	1	1
## 1864	0.026562500	0.0000000	0.0	2	2	1
## 1865	0.005788982	29.0103850	0.0	2	2	1
## 1866	0.001086957	45.8293144	0.0	2	2	1
## 1867	0.016666667	12.5331429	0.0	1	1	6
## 1868	0.010000000	0.0000000	0.0	2	2	1
## 1869	0.033333333	0.0000000	0.0	2	5	1
## 1870	0.050000000	0.0000000	0.0	2	5	2
## 1871	0.022222222	0.0000000	0.0	2	2	3
## 1872	0.200000000	0.0000000	0.0	2	2	1
## 1873	0.018030303	0.0000000	0.0	2	2	4
## 1874	0.011111111	0.0000000	0.0	3	2	7
## 1875	0.004761905	0.0000000	0.0	3	2	8
## 1876	0.064444444	0.0000000	0.0	2	2	1
## 1877	0.166666667	0.0000000	0.0	2	2	1
## 1878	0.015277778	0.0000000	0.0	4	1	3
## 1879	0.008888889	0.0000000	0.0	3	3	1
## 1880	0.029142857	10.3572000	0.0	2	2	1
## 1881	0.005405405	20.8595676	0.0	2	4	9
## 1882	0.005357143	0.0000000	0.0	2	4	1
## 1883	0.001666667	0.0000000	0.0	3	2	1
## 1884	0.062500000	0.0000000	0.0	2	4	2
## 1885	0.019047619	54.2488642	0.0	2	2	1
## 1886	0.028205128	0.0000000	0.0	2	2	4
## 1887	0.029047619	0.0000000	0.0	1	1	2
## 1888	0.021924603	0.0000000	0.0	3	2	3
## 1889	0.005263158	0.0000000	0.0	2	2	4
## 1890	0.040000000	14.0292000	0.0	2	2	9
## 1891	0.060714286	0.0000000	0.0	3	3	1
## 1892	0.200000000	0.0000000	0.0	2	5	1
## 1893	0.008888889	0.0000000	0.0	2	6	1
## 1894	0.031818182	0.0000000	0.0	2	10	7
## 1895	0.012857143	0.0000000	0.0	2	2	3
## 1896	0.023772222	0.0000000	0.0	2	2	3
## 1897	0.022105263	0.0000000	0.0	3	2	3
## 1898	0.100000000	0.0000000	0.0	1	1	3
## 1899	0.009285714	0.0000000	0.0	2	2	6
## 1900	0.046666667	0.0000000	0.0	2	2	2
## 1901	0.022222222	88.7846060	0.0	2	2	1
## 1902	0.010563841	0.0000000	0.0	3	2	1
## 1903	0.150000000	0.0000000	0.0	2	5	3
## 1904	0.003703704	0.0000000	0.0	2	6	7
## 1905	0.033333333	0.0000000	0.0	3	2	8
## 1906	0.015384615	0.0000000	0.0	2	2	8

## 1907	0.013333333	0.0000000	0.0	2	5	1
## 1908	0.087500000	0.0000000	0.0	2	2	3
## 1909	0.200000000	0.0000000	0.0	3	3	3
## 1910	0.033333333	0.0000000	0.0	2	2	6
## 1911	0.003508772	0.0000000	0.0	2	2	6
## 1912	0.031250000	0.0000000	0.0	2	4	6
## 1913	0.016666667	0.0000000	0.0	2	2	3
## 1914	0.032456140	0.0000000	0.0	2	5	3
## 1915	0.013333333	0.0000000	0.0	1	2	1
## 1916	0.002666667	0.0000000	0.0	2	2	1
## 1917	0.020000000	0.0000000	0.0	2	4	1
## 1918	0.025000000	0.0000000	0.0	2	2	3
## 1919	0.011764706	0.0000000	0.0	2	2	1
## 1920	0.062500000	0.0000000	0.0	2	10	4
## 1921	0.011111111	0.0000000	0.0	2	2	1
## 1922	0.022222222	27.3822422	0.0	2	2	5
## 1923	0.015384615	0.0000000	0.0	2	4	1
## 1924	0.062745098	0.0000000	0.0	2	2	6
## 1925	0.035294118	0.0000000	0.0	2	4	4
## 1926	0.012121212	17.1254546	0.0	2	2	1
## 1927	0.013440860	9.0530816	0.0	1	1	1
## 1928	0.012500000	0.0000000	0.0	2	10	2
## 1929	0.028571429	0.0000000	0.0	1	1	2
## 1930	0.007986111	0.0000000	0.0	1	1	3
## 1931	0.066666667	0.0000000	0.0	2	2	7
## 1932	0.011565934	0.0000000	0.0	3	2	3
## 1933	0.040000000	0.0000000	0.0	2	2	1
## 1934	0.017361111	0.0000000	0.0	3	2	1
## 1935	0.050000000	0.0000000	0.0	2	2	3
## 1936	0.037500000	0.0000000	0.0	2	2	6
## 1937	0.088888889	0.0000000	0.0	3	2	2
## 1938	0.037681159	0.0000000	0.0	1	2	2
## 1939	0.066666667	0.0000000	0.0	2	2	1
## 1940	0.014285714	0.0000000	0.0	2	4	1
## 1941	0.021568627	0.0000000	0.0	1	1	1
## 1942	0.016666667	33.3283450	0.0	2	5	1
## 1943	0.022556391	9.5174211	0.0	3	2	3
## 1944	0.018888889	6.2840449	0.0	2	2	1
## 1945	0.029684228	0.0000000	0.0	1	1	1
## 1946	0.027777778	0.0000000	0.0	2	4	1
## 1947	0.015384615	0.0000000	0.0	1	2	3
## 1948	0.018485839	4.4653984	0.0	2	4	3
## 1949	0.003333333	0.0000000	0.0	1	1	1
## 1950	0.100000000	0.0000000	0.0	2	2	4
## 1951	0.006666667	0.0000000	0.0	2	2	1
## 1952	0.200000000	0.0000000	0.0	1	1	3
## 1953	0.003225806	0.0000000	0.0	2	2	1
## 1954	0.031501832	0.0000000	0.0	2	4	8
## 1955	0.015614035	9.0927719	0.0	1	1	2
## 1956	0.022222222	57.9641765	0.0	2	2	2
## 1957	0.014285714	0.0000000	0.0	1	1	1
## 1958	0.009090909	0.0000000	0.0	2	2	3
## 1959	0.016447330	2.8423070	0.0	3	2	1
## 1960	0.015555556	10.7820000	0.0	2	2	1

## 1961	0.091666667	0.0000000	0.0	2	5	3
## 1962	0.025000000	0.0000000	0.0	1	1	7
## 1963	0.014814815	0.0000000	0.0	2	2	2
## 1964	0.089285714	0.0000000	0.0	3	2	1
## 1965	0.006734694	49.4704098	0.0	2	5	3
## 1966	0.100000000	0.0000000	0.0	1	1	1
## 1967	0.012301587	0.0000000	0.0	2	2	3
## 1968	0.133333333	0.0000000	0.0	4	1	1
## 1969	0.007407407	0.0000000	0.0	2	2	2
## 1970	0.024837398	6.5480114	0.0	2	2	3
## 1971	0.010251724	1.8164741	0.0	4	2	1
## 1972	0.050000000	0.0000000	0.0	2	5	1
## 1973	0.010416667	14.6395783	0.0	1	1	2
## 1974	0.007551020	5.5767209	0.0	2	2	4
## 1975	0.006589147	0.0000000	0.0	2	2	1
## 1976	0.030662021	0.0000000	0.0	2	2	3
## 1977	0.025000000	0.0000000	0.0	2	4	3
## 1978	0.100000000	0.0000000	0.0	3	2	7
## 1979	0.012500000	0.0000000	0.0	2	4	1
## 1980	0.031250000	0.0000000	0.0	1	2	1
## 1981	0.005714286	0.0000000	0.0	3	2	5
## 1982	0.066666667	0.0000000	0.0	2	7	4
## 1983	0.005970149	109.9124051	0.0	2	5	4
## 1984	0.020833333	0.0000000	0.0	2	2	2
## 1985	0.100000000	0.0000000	0.0	2	4	6
## 1986	0.018181818	0.0000000	0.0	2	2	3
## 1987	0.075000000	0.0000000	0.0	2	2	3
## 1988	0.200000000	0.0000000	0.0	2	4	1
## 1989	0.019230769	0.0000000	0.0	3	2	3
## 1990	0.036666667	0.0000000	0.0	2	2	8
## 1991	0.007239057	0.0000000	0.0	2	2	9
## 1992	0.014035088	0.0000000	0.0	3	2	2
## 1993	0.023333333	44.7346667	0.0	3	2	6
## 1994	0.009523810	0.0000000	0.0	3	2	3
## 1995	0.012179487	0.0000000	0.0	1	1	3
## 1996	0.043002538	0.0000000	0.0	3	2	4
## 1997	0.043002538	0.0000000	0.0	3	2	4
## 1998	0.027362361	5.7709600	0.0	2	2	6
## 1999	0.013192815	3.7956610	0.0	3	2	6
## 2000	0.016666667	0.0000000	0.0	2	6	3
## 2001	0.020000000	0.0000000	0.0	3	2	1
## 2002	0.005555556	0.0000000	0.0	1	2	3
## 2003	0.001799477	17.3489362	0.0	2	2	1
## 2004	0.100000000	0.0000000	0.0	2	2	2
## 2005	0.066666667	0.0000000	0.0	4	2	6
## 2006	0.100000000	0.0000000	0.0	1	1	6
## 2007	0.016666667	0.0000000	0.0	2	2	6
## 2008	0.066666667	0.0000000	0.0	2	2	1
## 2009	0.015740741	0.0000000	0.0	2	2	8
## 2010	0.200000000	0.0000000	0.0	2	5	2
## 2011	0.112500000	0.0000000	0.0	2	2	3
## 2012	0.100000000	0.0000000	0.0	2	2	3
## 2013	0.105000000	0.0000000	0.0	2	2	2
## 2014	0.025000000	0.0000000	0.0	3	2	1

##	2015	0.022222222	0.0000000	0.0	2	2	3
##	2016	0.050000000	0.0000000	0.0	2	4	1
##	2017	0.200000000	0.0000000	0.0	2	5	1
##	2018	0.010000000	0.0000000	0.0	2	2	3
##	2019	0.015555556	0.0000000	0.0	2	5	2
##	2020	0.017977208	16.1728000	0.0	2	2	3
##	2021	0.009090909	0.0000000	0.0	2	4	7
##	2022	0.011505376	1.5927742	0.0	1	8	4
##	2023	0.000586510	54.6763484	0.0	2	2	7
##	2024	0.162500000	0.0000000	0.0	3	2	3
##	2025	0.009523810	0.0000000	0.0	2	2	1
##	2026	0.010000000	91.9800000	0.0	1	1	3
##	2027	0.002159624	0.0000000	0.0	2	2	8
##	2028	0.007692308	11.9926402	0.0	1	1	1
##	2029	0.005636724	33.3307450	0.0	2	2	5
##	2030	0.016129032	0.0000000	0.0	2	5	2
##	2031	0.017647059	39.8586667	0.0	2	2	1
##	2032	0.073333333	19.9960000	0.0	2	2	3
##	2033	0.012500000	0.0000000	0.0	1	1	6
##	2034	0.114285714	0.0000000	0.0	1	1	3
##	2035	0.028125000	0.0000000	0.0	2	2	3
##	2036	0.006666667	0.0000000	0.0	2	2	8
##	2037	0.050000000	0.0000000	0.0	2	2	3
##	2038	0.033333333	0.0000000	0.0	3	3	1
##	2039	0.087500000	0.0000000	0.0	1	1	6
##	2040	0.020784314	26.1201542	0.0	2	2	3
##	2041	0.006896552	0.0000000	0.0	2	2	1
##	2042	0.002380952	24.7504762	0.0	1	1	1
##	2043	0.005263158	0.0000000	0.0	2	4	1
##	2044	0.020000000	0.0000000	0.0	2	4	7
##	2045	0.200000000	0.0000000	0.0	3	2	1
##	2046	0.012500000	0.0000000	0.0	2	4	1
##	2047	0.005128205	54.9800000	0.0	3	2	4
##	2048	0.001449275	0.0000000	0.8	3	2	1
##	2049	0.015307716	5.6381031	0.0	2	2	1
##	2050	0.100000000	0.0000000	0.0	2	2	4
##	2051	0.024719927	0.0000000	0.6	2	2	3
##	2052	0.012319347	0.0000000	0.0	3	2	6
##	2053	0.200000000	0.0000000	0.0	1	1	1
##	2054	0.007692308	11.5192308	0.0	2	2	1
##	2055	0.047222222	0.0000000	0.0	2	5	4
##	2056	0.025641026	0.0000000	0.0	1	2	5
##	2057	0.064705882	0.0000000	0.8	2	2	1
##	2058	0.177777778	0.0000000	0.0	1	1	1
##	2059	0.039305682	0.0000000	0.4	2	2	1
##	2060	0.200000000	0.0000000	0.6	1	1	1
##	2061	0.002564103	0.0000000	0.0	4	2	1
##	2062	0.200000000	0.0000000	0.0	1	1	1
##	2063	0.021089500	0.0000000	0.6	1	1	1
##	2064	0.025000000	14.6895000	0.6	2	5	1
##	2065	0.023321256	0.0000000	0.0	2	2	1
##	2066	0.033973374	6.7485000	0.0	2	2	7
##	2067	0.002631579	0.0000000	0.0	2	2	4
##	2068	0.091666667	0.0000000	0.0	3	2	1

##	2069	0.033333333	0.0000000	0.0	2	2	1
##	2070	0.025000000	0.0000000	0.0	3	6	3
##	2071	0.009090909	20.2453697	0.0	2	4	1
##	2072	0.050000000	0.0000000	0.0	3	2	6
##	2073	0.075000000	0.0000000	0.0	2	2	3
##	2074	0.011458333	17.9910000	0.0	2	2	1
##	2075	0.100000000	0.0000000	0.0	1	1	1
##	2076	0.013513514	0.0000000	0.6	2	2	1
##	2077	0.080000000	0.0000000	0.6	1	1	1
##	2078	0.042307692	10.9472308	0.6	2	2	1
##	2079	0.012500000	0.0000000	0.0	2	2	6
##	2080	0.030701754	0.0000000	0.8	2	4	1
##	2081	0.025000000	0.0000000	0.0	3	2	3
##	2082	0.026666667	0.0000000	0.0	2	2	4
##	2083	0.079487179	0.0000000	0.6	1	1	4
##	2084	0.024390244	0.0000000	0.0	2	2	1
##	2085	0.100000000	0.0000000	0.8	2	5	4
##	2086	0.200000000	0.0000000	0.0	2	4	1
##	2087	0.008695652	46.0064348	0.0	2	2	4
##	2088	0.040415616	8.0826900	0.0	2	1	1
##	2089	0.041810345	0.0000000	0.0	2	6	4
##	2090	0.033333333	0.0000000	0.0	2	6	3
##	2091	0.020000000	0.0000000	0.0	2	2	2
##	2092	0.018181818	0.0000000	0.0	2	4	8
##	2093	0.032432432	0.0000000	0.2	4	1	1
##	2094	0.022549020	0.0000000	0.2	1	2	3
##	2095	0.073076923	0.0000000	0.8	2	2	5
##	2096	0.017058824	0.0000000	1.0	2	2	5
##	2097	0.054545455	0.0000000	0.6	2	2	4
##	2098	0.200000000	0.0000000	0.0	1	1	1
##	2099	0.019892473	0.0000000	0.0	2	4	2
##	2100	0.025289256	32.0650909	0.0	3	2	3
##	2101	0.083333333	0.0000000	0.0	2	2	3
##	2102	0.016666667	0.0000000	0.0	2	4	1
##	2103	0.031111111	0.0000000	0.6	2	2	7
##	2104	0.123412698	0.0000000	0.4	2	2	1
##	2105	0.045416667	0.0000000	0.0	3	2	1
##	2106	0.004081633	0.0000000	0.8	2	4	4
##	2107	0.200000000	0.0000000	0.6	3	2	4
##	2108	0.007142857	0.0000000	0.0	2	2	2
##	2109	0.034101382	18.1114839	0.0	3	2	6
##	2110	0.055555556	0.0000000	0.0	2	2	3
##	2111	0.142857143	0.0000000	0.0	2	4	3
##	2112	0.033333333	0.0000000	0.6	2	2	1
##	2113	0.086507937	0.0000000	1.0	2	2	4
##	2114	0.100000000	0.0000000	0.8	1	1	1
##	2115	0.061111111	0.0000000	0.8	2	2	9
##	2116	0.008000000	0.0000000	0.0	2	2	1
##	2117	0.066666667	0.0000000	0.0	2	2	7
##	2118	0.040000000	0.0000000	0.0	2	2	3
##	2119	0.116666667	0.0000000	0.8	3	2	1
##	2120	0.009375000	26.9831250	0.0	3	2	3
##	2121	0.018571429	0.0000000	0.0	3	2	2
##	2122	0.155555556	0.0000000	0.8	2	2	7

##	2123	0.003076923	0.0000000	1.0	3	2	1
##	2124	0.025000000	0.0000000	0.0	1	1	2
##	2125	0.005555556	28.3983333	0.0	2	2	8
##	2126	0.018750000	0.0000000	0.8	2	2	1
##	2127	0.023000000	16.8250500	0.0	1	1	1
##	2128	0.200000000	0.0000000	0.6	2	2	1
##	2129	0.046203704	0.0000000	0.0	3	2	6
##	2130	0.004054054	20.3944865	0.0	2	2	3
##	2131	0.200000000	0.0000000	0.0	1	1	4
##	2132	0.150000000	0.0000000	0.0	2	2	1
##	2133	0.116666667	0.0000000	0.4	2	6	1
##	2134	0.028907563	9.6095294	0.6	3	2	4
##	2135	0.016666667	0.0000000	0.0	3	2	1
##	2136	0.020833333	0.0000000	0.4	2	2	2
##	2137	0.013571429	2.6633333	0.0	1	1	1
##	2138	0.200000000	0.0000000	0.0	3	2	3
##	2139	0.100000000	0.0000000	0.0	2	2	6
##	2140	0.056000000	0.0000000	0.4	3	2	1
##	2141	0.009228841	0.0000000	0.0	1	1	1
##	2142	0.012121212	2.7828864	0.4	2	2	4
##	2143	0.095098039	0.0000000	1.0	2	2	1
##	2144	0.000826446	59.9880000	0.0	1	1	1
##	2145	0.200000000	0.0000000	0.0	2	2	1
##	2146	0.043499683	0.0000000	0.0	2	2	8
##	2147	0.058730159	0.0000000	0.6	2	5	1
##	2148	0.020440917	21.1162963	0.0	2	2	8
##	2149	0.004000000	14.7920000	0.0	3	2	4
##	2150	0.070833333	0.0000000	0.4	2	2	8
##	2151	0.069565217	0.0000000	0.6	2	2	1
##	2152	0.050000000	0.0000000	0.6	2	10	1
##	2153	0.012500000	0.0000000	0.6	2	6	1
##	2154	0.050000000	0.0000000	0.0	2	4	1
##	2155	0.050000000	0.0000000	0.0	1	1	1
##	2156	0.015030530	4.5082711	0.0	2	2	3
##	2157	0.008333333	0.0000000	0.0	2	2	1
##	2158	0.007000000	54.9759000	0.0	2	2	1
##	2159	0.020887890	10.2122977	0.0	2	4	1
##	2160	0.020833333	0.0000000	0.0	2	2	3
##	2161	0.050000000	0.0000000	0.4	3	2	4
##	2162	0.088271605	0.0000000	0.4	2	5	1
##	2163	0.100000000	0.0000000	0.0	2	5	2
##	2164	0.023939394	23.0690000	0.0	2	2	1
##	2165	0.014481293	2.8467797	1.0	1	1	9
##	2166	0.200000000	0.0000000	0.0	1	1	7
##	2167	0.020370370	0.0000000	0.8	3	2	6
##	2168	0.002439024	0.0000000	1.0	2	2	4
##	2169	0.025900901	24.6383784	0.0	1	1	9
##	2170	0.010418719	0.0000000	0.0	3	2	3
##	2171	0.004761905	17.6965714	1.0	1	1	1
##	2172	0.030151515	22.3392000	0.0	1	1	3
##	2173	0.038438438	5.1854573	0.0	2	2	1
##	2174	0.053333333	0.0000000	0.8	7	1	3
##	2175	0.046439700	4.3744013	0.2	2	2	8
##	2176	0.028571429	0.0000000	0.4	3	3	5

##	2177	0.100000000	0.0000000	0.0	1	1	3
##	2178	0.035714286	43.1922857	0.0	2	2	3
##	2179	0.031578947	0.0000000	0.6	2	2	1
##	2180	0.028333333	0.0000000	0.0	2	2	7
##	2181	0.030000000	0.0000000	0.0	2	2	2
##	2182	0.100000000	0.0000000	0.0	3	2	1
##	2183	0.003440860	0.0000000	0.0	3	2	1
##	2184	0.003921569	0.0000000	0.0	2	2	2
##	2185	0.200000000	0.0000000	0.4	1	8	7
##	2186	0.020000000	0.0000000	0.0	1	1	3
##	2187	0.025641026	20.9169231	0.0	2	2	1
##	2188	0.066666667	0.0000000	0.2	2	5	1
##	2189	0.088888889	0.0000000	0.0	3	2	4
##	2190	0.023333333	2.9732143	0.0	2	2	3
##	2191	0.200000000	0.0000000	0.0	2	2	1
##	2192	0.166666667	0.0000000	0.6	1	1	1
##	2193	0.017369338	0.5827500	0.0	2	6	1
##	2194	0.021245421	0.0000000	0.0	3	2	1
##	2195	0.125000000	0.0000000	1.0	2	5	1
##	2196	0.023333333	0.0000000	0.0	2	4	3
##	2197	0.036759259	26.5455000	0.0	2	4	4
##	2198	0.017167920	18.4698947	0.0	3	2	1
##	2199	0.015711501	4.3769158	0.4	1	1	4
##	2200	0.039015152	0.0000000	0.0	2	5	6
##	2201	0.040000000	0.0000000	0.0	2	2	2
##	2202	0.001481481	34.9916667	0.0	2	2	5
##	2203	0.030833333	0.0000000	1.0	2	2	2
##	2204	0.042424242	19.3818182	0.0	2	2	1
##	2205	0.044444444	0.0000000	0.4	2	10	9
##	2206	0.075208333	12.4841250	0.4	3	2	8
##	2207	0.048333333	0.0000000	0.6	4	2	1
##	2208	0.033333333	0.0000000	0.0	3	2	4
##	2209	0.009196581	0.0000000	0.0	2	2	4
##	2210	0.018007866	4.8739694	0.0	3	3	3
##	2211	0.023856765	0.0000000	0.6	3	2	1
##	2212	0.014736842	0.0000000	0.0	3	2	1
##	2213	0.020512821	32.9460000	0.2	2	2	4
##	2214	0.006153846	143.2115385	0.0	2	4	3
##	2215	0.016751935	32.6896909	0.0	1	1	3
##	2216	0.011111111	0.0000000	0.0	1	1	1
##	2217	0.036927442	3.4312103	0.0	3	2	1
##	2218	0.200000000	0.0000000	0.0	1	1	8
##	2219	0.066666667	0.0000000	0.0	2	2	1
##	2220	0.028571429	0.0000000	0.0	1	1	3
##	2221	0.050000000	0.0000000	0.0	3	2	1
##	2222	0.002941176	13.0732941	0.0	2	2	6
##	2223	0.168750000	0.0000000	0.6	3	2	1
##	2224	0.014219114	0.0000000	0.0	3	2	9
##	2225	0.012500000	0.0000000	0.0	3	2	4
##	2226	0.013333333	33.9612000	0.0	3	2	1
##	2227	0.200000000	0.0000000	0.0	1	1	1
##	2228	0.017647059	0.0000000	0.0	3	2	4
##	2229	0.023529412	51.1172255	0.0	2	2	1
##	2230	0.029027611	0.0000000	0.0	1	1	1

##	2231	0.200000000	0.0000000	0.6	3	2	8
##	2232	0.026472431	4.2542500	0.0	2	2	5
##	2233	0.007407407	44.4773333	0.0	1	1	1
##	2234	0.038095238	0.0000000	0.0	2	2	3
##	2235	0.030666667	0.0000000	0.0	3	2	3
##	2236	0.010344828	25.9033103	0.0	4	2	1
##	2237	0.200000000	0.0000000	0.0	1	1	6
##	2238	0.200000000	0.0000000	0.6	3	2	6
##	2239	0.014387171	1.7221649	0.0	2	4	1
##	2240	0.173809524	0.0000000	0.6	3	2	6
##	2241	0.066781609	0.0000000	0.0	3	2	2
##	2242	0.073333333	0.0000000	0.0	2	5	1
##	2243	0.023809524	0.0000000	0.0	3	2	1
##	2244	0.035271318	0.0000000	0.6	2	2	1
##	2245	0.014160401	16.0486071	0.0	3	2	3
##	2246	0.025000000	0.0000000	0.0	3	2	1
##	2247	0.014873664	21.0248163	0.2	3	2	4
##	2248	0.200000000	0.0000000	0.4	3	2	1
##	2249	0.027450980	0.0000000	0.8	1	1	3
##	2250	0.100000000	0.0000000	0.0	1	1	8
##	2251	0.017829457	7.5293023	0.0	2	2	1
##	2252	0.044827586	0.0000000	0.4	2	2	1
##	2253	0.050000000	0.0000000	0.6	2	2	6
##	2254	0.066666667	0.0000000	0.0	2	2	9
##	2255	0.011240310	35.2339845	0.0	2	2	4
##	2256	0.029444444	6.1650000	0.8	2	2	2
##	2257	0.075238095	0.0000000	0.8	2	5	4
##	2258	0.016666667	0.0000000	0.0	1	1	5
##	2259	0.007500000	31.1904000	0.6	2	2	1
##	2260	0.026315789	0.0000000	0.0	2	4	1
##	2261	0.027333333	0.0000000	0.0	3	2	2
##	2262	0.006060606	0.0000000	0.0	2	2	6
##	2263	0.015384615	0.0000000	0.0	2	6	6
##	2264	0.015262515	18.9926923	0.0	2	2	1
##	2265	0.059803922	0.0000000	0.8	3	2	3
##	2266	0.025357143	0.0000000	0.0	2	2	3
##	2267	0.019090804	9.4172721	0.0	3	2	4
##	2268	0.028759666	0.0000000	0.0	3	2	1
##	2269	0.100000000	0.0000000	0.0	2	2	1
##	2270	0.025000000	0.0000000	0.0	2	2	7
##	2271	0.021428571	0.0000000	1.0	2	4	4
##	2272	0.080000000	0.0000000	0.0	1	1	1
##	2273	0.055331772	4.1632596	0.2	3	2	4
##	2274	0.003921569	12.6344118	0.0	2	4	1
##	2275	0.014367816	0.0000000	0.0	4	2	1
##	2276	0.200000000	0.0000000	0.0	3	2	8
##	2277	0.021875000	0.0000000	0.0	2	2	2
##	2278	0.200000000	0.0000000	0.8	3	2	2
##	2279	0.122222222	0.0000000	0.2	1	1	4
##	2280	0.200000000	0.0000000	0.0	1	1	1
##	2281	0.109090909	0.0000000	0.8	2	2	1
##	2282	0.040000000	0.0000000	0.0	2	2	1
##	2283	0.027450980	0.0000000	0.2	1	1	1
##	2284	0.005128205	0.0000000	1.0	3	2	5

## 2285	0.011111111	0.0000000	0.0	2	4	3
## 2286	0.133333333	0.0000000	0.0	2	2	1
## 2287	0.200000000	0.0000000	0.0	3	2	6
## 2288	0.200000000	0.0000000	1.0	1	1	4
## 2289	0.100000000	0.0000000	0.0	1	2	1
## 2290	0.025596405	8.0115534	0.4	2	2	1
## 2291	0.013333333	0.0000000	0.0	2	2	1
## 2292	0.008695652	0.0000000	0.0	4	1	1
## 2293	0.026231884	4.2426884	0.0	1	1	3
## 2294	0.150000000	0.0000000	0.4	2	2	1
## 2295	0.048125000	22.6298958	0.4	2	2	2
## 2296	0.020000000	0.0000000	0.0	2	2	5
## 2297	0.007407407	0.0000000	0.0	3	2	3
## 2298	0.200000000	0.0000000	0.0	3	2	3
## 2299	0.013333333	0.0000000	0.0	3	2	3
## 2300	0.100000000	0.0000000	0.0	2	2	1
## 2301	0.027272727	0.0000000	0.4	1	1	5
## 2302	0.008333333	0.0000000	0.0	4	2	1
## 2303	0.014705882	0.0000000	0.0	3	2	6
## 2304	0.016666667	0.0000000	0.6	1	1	3
## 2305	0.056666667	0.0000000	0.6	1	1	1
## 2306	0.155555556	0.0000000	0.4	2	4	1
## 2307	0.200000000	0.0000000	0.6	3	2	1
## 2308	0.022666667	0.0000000	0.4	2	2	1
## 2309	0.050000000	0.0000000	0.0	2	2	2
## 2310	0.048148148	0.0000000	0.0	2	4	3
## 2311	0.200000000	0.0000000	0.0	4	1	1
## 2312	0.033333333	0.0000000	0.0	2	6	4
## 2313	0.100000000	0.0000000	0.0	3	2	3
## 2314	0.025000000	32.7993750	0.0	2	4	6
## 2315	0.021212121	23.6051892	0.2	2	2	8
## 2316	0.012937063	0.0000000	0.0	1	2	1
## 2317	0.018750000	0.0000000	0.0	2	2	1
## 2318	0.200000000	0.0000000	0.4	1	1	3
## 2319	0.040000000	0.0000000	0.0	3	2	8
## 2320	0.033333333	0.0000000	0.2	2	2	7
## 2321	0.014285714	0.0000000	0.0	2	2	3
## 2322	0.007692308	0.0000000	0.0	1	1	4
## 2323	0.016666667	0.0000000	0.0	2	2	2
## 2324	0.010111111	0.0000000	0.0	2	5	2
## 2325	0.017195767	0.0000000	0.0	3	2	8
## 2326	0.010476190	19.7813512	0.4	2	2	2
## 2327	0.055119048	0.0000000	0.0	2	2	1
## 2328	0.018181818	0.0000000	0.0	2	2	2
## 2329	0.020634921	0.0000000	0.4	3	2	1
## 2330	0.010000000	0.0000000	0.4	2	2	1
## 2331	0.023404255	0.0000000	0.0	2	2	4
## 2332	0.173333333	0.0000000	0.4	1	1	1
## 2333	0.024814815	0.0000000	0.6	1	1	8
## 2334	0.013333333	0.0000000	0.0	3	2	8
## 2335	0.200000000	0.0000000	1.0	1	1	3
## 2336	0.077777778	0.0000000	0.0	1	1	1
## 2337	0.054666667	0.0000000	0.8	2	2	1
## 2338	0.020277778	0.0000000	0.8	2	10	1

##	2339	0.020580808	6.2210455	0.6	2	2	2
##	2340	0.035507246	0.0000000	0.8	2	2	7
##	2341	0.041666667	0.0000000	0.2	2	2	2
##	2342	0.023003663	2.7412000	0.0	2	4	2
##	2343	0.003553372	0.0000000	0.0	2	2	3
##	2344	0.009652076	2.2084944	0.0	2	2	1
##	2345	0.035000000	0.0000000	0.0	2	2	1
##	2346	0.012500000	0.0000000	0.0	2	4	4
##	2347	0.066666667	65.9880000	0.0	2	2	1
##	2348	0.200000000	0.0000000	0.8	2	2	4
##	2349	0.024000000	0.0000000	0.0	2	6	2
##	2350	0.016666667	5.4945000	0.0	1	8	2
##	2351	0.019583333	0.0000000	0.0	4	1	1
##	2352	0.015000000	7.6686395	0.0	2	2	3
##	2353	0.051960784	0.0000000	1.0	3	2	4
##	2354	0.034671498	13.6615882	1.0	2	10	2
##	2355	0.023447941	0.0000000	0.0	3	2	5
##	2356	0.016666667	0.0000000	0.0	3	2	4
##	2357	0.042857143	0.0000000	0.4	2	2	1
##	2358	0.065517241	0.0000000	0.2	2	7	3
##	2359	0.066666667	0.0000000	0.6	2	2	1
##	2360	0.020000000	0.0000000	1.0	1	1	1
##	2361	0.058370370	0.0000000	1.0	3	2	7
##	2362	0.036298293	0.0000000	1.0	2	2	7
##	2363	0.006061121	0.0000000	0.6	2	2	5
##	2364	0.022222222	0.0000000	0.0	3	2	6
##	2365	0.031818182	0.0000000	0.0	2	4	4
##	2366	0.019541890	8.9799346	0.8	1	1	4
##	2367	0.018181818	86.3880000	0.0	2	2	6
##	2368	0.044444444	0.0000000	0.8	2	4	9
##	2369	0.011083789	4.9477663	0.8	6	2	2
##	2370	0.050212934	2.5790649	0.0	3	2	2
##	2371	0.200000000	0.0000000	0.0	1	1	1
##	2372	0.051219512	0.0000000	0.2	2	10	7
##	2373	0.200000000	0.0000000	0.4	2	2	1
##	2374	0.049122807	22.3293474	0.0	2	2	1
##	2375	0.200000000	0.0000000	0.0	3	2	3
##	2376	0.019189510	0.0000000	0.0	1	1	5
##	2377	0.045000000	0.0000000	0.8	4	1	3
##	2378	0.200000000	0.0000000	0.0	2	2	2
##	2379	0.044444444	0.0000000	0.2	3	2	2
##	2380	0.050000000	0.0000000	0.4	2	2	6
##	2381	0.012500000	33.6501000	0.0	2	2	3
##	2382	0.073333333	0.0000000	0.0	2	2	7
##	2383	0.016111111	2.5684548	0.0	2	2	2
##	2384	0.040000000	0.0000000	0.0	2	2	6
##	2385	0.133333333	0.0000000	0.0	1	1	1
##	2386	0.100000000	0.0000000	0.8	2	2	1
##	2387	0.075000000	0.0000000	0.8	2	2	6
##	2388	0.200000000	0.0000000	0.0	2	2	4
##	2389	0.070588235	0.0000000	0.0	3	2	1
##	2390	0.200000000	0.0000000	0.8	3	2	2
##	2391	0.018750000	0.0000000	0.0	2	2	2
##	2392	0.100000000	0.0000000	0.0	3	2	3

##	2393	0.133333333	0.0000000	0.6	2	2	8
##	2394	0.007407407	0.0000000	0.0	4	2	2
##	2395	0.028000000	18.5614800	0.0	2	5	3
##	2396	0.035515873	6.3107407	0.4	2	2	1
##	2397	0.038888889	0.0000000	0.4	1	1	3
##	2398	0.022222222	0.0000000	0.0	1	1	2
##	2399	0.014285714	0.0000000	0.0	4	2	9
##	2400	0.010526316	0.0000000	0.6	3	2	3
##	2401	0.025806452	0.0000000	0.0	2	4	5
##	2402	0.133333333	0.0000000	1.0	1	1	2
##	2403	0.002597403	0.0000000	0.0	1	1	5
##	2404	0.075000000	0.0000000	0.0	1	1	3
##	2405	0.140000000	0.0000000	0.0	3	2	2
##	2406	0.011877551	5.7890286	0.0	1	1	9
##	2407	0.022857143	0.0000000	0.6	4	1	1
##	2408	0.040211640	0.0000000	1.0	1	1	1
##	2409	0.025000000	0.0000000	0.0	1	8	2
##	2410	0.007142857	0.0000000	0.0	2	2	4
##	2411	0.200000000	0.0000000	0.6	1	1	7
##	2412	0.013305319	0.5133860	0.6	1	1	3
##	2413	0.075000000	0.0000000	0.6	3	2	1
##	2414	0.041666667	0.0000000	0.0	1	8	3
##	2415	0.034615385	0.0000000	0.2	2	2	3
##	2416	0.016494134	0.0000000	0.0	2	2	1
##	2417	0.088888889	0.0000000	0.4	2	5	1
##	2418	0.038461538	0.0000000	0.0	2	2	7
##	2419	0.015248796	42.8662809	0.0	2	4	3
##	2420	0.011764706	0.0000000	0.0	2	2	1
##	2421	0.015384615	71.4880000	0.0	2	5	2
##	2422	0.080000000	0.0000000	0.6	3	2	2
##	2423	0.016993464	53.9880000	0.0	2	2	2
##	2424	0.003389831	0.0000000	0.6	1	8	1
##	2425	0.072727273	0.0000000	0.6	2	2	4
##	2426	0.002857143	0.0000000	0.6	2	2	1
##	2427	0.024900794	0.0000000	0.0	3	3	1
##	2428	0.021194084	10.1722500	0.0	3	2	4
##	2429	0.070000000	0.0000000	0.6	2	2	6
##	2430	0.021354167	0.0000000	0.4	2	2	3
##	2431	0.008227848	41.9251899	0.0	1	1	3
##	2432	0.120000000	0.0000000	0.6	1	1	1
##	2433	0.009523810	0.0000000	0.0	3	2	1
##	2434	0.150000000	0.0000000	0.6	1	1	5
##	2435	0.040277778	0.0000000	0.0	1	1	1
##	2436	0.040000000	0.0000000	0.0	1	1	1
##	2437	0.018181818	49.6254546	0.0	2	4	5
##	2438	0.011904762	0.0000000	0.0	2	2	1
##	2439	0.004166667	0.0000000	0.0	2	2	4
##	2440	0.050000000	0.0000000	0.0	1	1	1
##	2441	0.012821256	8.5691342	0.0	4	2	6
##	2442	0.053431373	0.0000000	0.6	2	4	7
##	2443	0.050000000	0.0000000	0.0	2	4	3
##	2444	0.022857143	0.0000000	0.0	3	2	7
##	2445	0.045217391	0.0000000	0.0	2	2	4
##	2446	0.051818182	0.0000000	0.0	1	1	3

## 2447	0.160000000	0.0000000	0.4	3	2	4
## 2448	0.024242424	0.0000000	0.2	1	1	8
## 2449	0.035648148	0.0000000	0.4	2	2	3
## 2450	0.050000000	0.0000000	0.0	1	1	1
## 2451	0.033333333	0.0000000	0.0	2	2	4
## 2452	0.006250000	28.7940000	0.0	3	2	1
## 2453	0.080000000	0.0000000	0.0	2	2	2
## 2454	0.052631579	0.0000000	0.4	2	2	6
## 2455	0.006250000	0.0000000	1.0	1	1	3
## 2456	0.006250000	0.0000000	0.0	3	2	1
## 2457	0.068571429	0.0000000	0.0	1	2	1
## 2458	0.026666667	0.0000000	0.0	2	2	5
## 2459	0.059420290	0.0000000	0.2	2	2	1
## 2460	0.016601512	0.0000000	0.6	3	2	2
## 2461	0.057142857	0.0000000	0.6	3	2	1
## 2462	0.017105263	0.0000000	0.0	1	1	1
## 2463	0.056349206	0.0000000	0.0	3	2	4
## 2464	0.021250000	0.0000000	0.0	2	2	7
## 2465	0.025000000	0.0000000	0.0	2	2	1
## 2466	0.043518519	0.0000000	0.8	2	2	1
## 2467	0.014967916	3.0607660	0.0	2	10	4
## 2468	0.200000000	0.0000000	0.0	1	1	1
## 2469	0.004545455	0.0000000	0.0	2	2	7
## 2470	0.035714286	0.0000000	1.0	1	1	2
## 2471	0.028571429	0.0000000	0.0	1	1	3
## 2472	0.096000000	0.0000000	0.0	2	10	3
## 2473	0.200000000	0.0000000	0.0	3	2	4
## 2474	0.050000000	0.0000000	0.2	2	2	3
## 2475	0.200000000	0.0000000	0.0	3	2	3
## 2476	0.125641026	0.0000000	0.6	3	2	1
## 2477	0.017192982	0.0000000	0.8	3	2	1
## 2478	0.111111111	0.0000000	0.0	3	5	1
## 2479	0.026893939	0.0000000	0.8	2	2	1
## 2480	0.010776613	7.1527505	0.8	2	5	2
## 2481	0.042965368	0.0000000	0.8	3	3	2
## 2482	0.100000000	0.0000000	0.0	2	2	2
## 2483	0.200000000	0.0000000	0.0	1	1	3
## 2484	0.019047619	7.7349031	0.0	2	2	6
## 2485	0.026000000	0.0000000	0.0	1	1	2
## 2486	0.026923077	0.0000000	0.6	3	2	1
## 2487	0.051754386	0.0000000	0.0	2	2	4
## 2488	0.200000000	0.0000000	0.4	1	1	1
## 2489	0.056052632	0.0000000	1.0	2	2	4
## 2490	0.024531190	0.0000000	0.4	2	2	6
## 2491	0.157142857	0.0000000	0.6	3	2	3
## 2492	0.006277056	4.5043818	0.0	3	2	4
## 2493	0.021069182	0.0000000	0.0	1	1	3
## 2494	0.011764706	15.0848824	0.0	2	2	3
## 2495	0.200000000	0.0000000	0.2	3	2	1
## 2496	0.025933333	0.0000000	0.8	2	2	3
## 2497	0.028214286	31.1781250	0.0	4	2	1
## 2498	0.020833333	0.0000000	0.0	2	4	7
## 2499	0.126666667	0.0000000	0.0	3	2	4
## 2500	0.020512821	0.0000000	0.0	2	2	4

##	2501	0.033333333	0.0000000	0.0	3	2	4
##	2502	0.025789474	0.0000000	0.2	1	1	4
##	2503	0.037593985	0.0000000	0.4	2	2	3
##	2504	0.200000000	0.0000000	0.8	2	2	1
##	2505	0.031060606	0.0000000	0.2	2	2	5
##	2506	0.100000000	0.0000000	0.0	3	2	1
##	2507	0.043137255	0.0000000	0.0	2	2	1
##	2508	0.012500000	23.5543750	0.0	2	2	1
##	2509	0.200000000	0.0000000	0.0	2	2	4
##	2510	0.011428571	0.0000000	0.0	2	2	1
##	2511	0.016666667	0.0000000	0.8	1	1	6
##	2512	0.021212121	29.7741818	0.0	2	4	4
##	2513	0.021296296	0.0000000	0.0	3	2	4
##	2514	0.044423559	0.0000000	0.4	3	2	1
##	2515	0.027963219	0.0000000	0.0	2	2	1
##	2516	0.023761905	0.0000000	0.0	1	1	1
##	2517	0.200000000	0.0000000	0.0	2	2	1
##	2518	0.050000000	0.0000000	0.4	2	2	3
##	2519	0.012414872	0.6731276	0.8	2	2	5
##	2520	0.106666667	0.0000000	0.8	3	2	8
##	2521	0.023076923	0.0000000	0.0	2	4	7
##	2522	0.079166667	0.0000000	0.6	3	2	1
##	2523	0.011288515	2.2735988	0.0	2	2	1
##	2524	0.162500000	0.0000000	0.0	2	2	4
##	2525	0.066666667	0.0000000	0.0	2	4	1
##	2526	0.022222222	0.0000000	0.0	2	5	1
##	2527	0.100000000	0.0000000	0.0	1	1	1
##	2528	0.100000000	0.0000000	0.0	1	1	4
##	2529	0.040000000	57.5840000	0.0	2	2	1
##	2530	0.002197802	0.0000000	0.0	2	2	8
##	2531	0.133333333	0.0000000	0.0	1	1	3
##	2532	0.025000000	0.0000000	0.0	2	2	2
##	2533	0.028571429	0.0000000	0.0	1	1	7
##	2534	0.007142857	34.3485714	0.0	2	2	7
##	2535	0.017708333	18.3706250	0.0	1	1	1
##	2536	0.032912458	5.9760606	0.4	2	2	4
##	2537	0.040229885	0.0000000	0.0	3	2	1
##	2538	0.022222222	29.3155556	0.0	2	2	1
##	2539	0.025194363	15.1520571	0.2	2	2	7
##	2540	0.031481481	0.0000000	0.8	1	1	1
##	2541	0.030769231	0.0000000	0.0	2	4	2
##	2542	0.019819820	14.3312432	0.0	2	2	2
##	2543	0.033333333	0.0000000	0.0	2	10	2
##	2544	0.012500000	146.2387500	0.0	2	2	5
##	2545	0.014896228	2.8739547	0.0	2	2	1
##	2546	0.014285714	0.0000000	0.0	2	10	3
##	2547	0.100000000	0.0000000	0.0	2	4	5
##	2548	0.150000000	0.0000000	0.6	2	4	3
##	2549	0.034444444	0.0000000	0.8	1	1	1
##	2550	0.074369748	0.0000000	0.0	2	2	8
##	2551	0.111111111	0.0000000	0.0	3	2	1
##	2552	0.077777778	0.0000000	0.0	2	2	4
##	2553	0.002777778	39.9777778	0.0	1	1	1
##	2554	0.047477294	2.6134529	0.0	2	2	6

##	2555	0.048611111	0.0000000	0.0	2	2	3
##	2556	0.014035088	0.0000000	0.0	3	2	3
##	2557	0.012345679	54.3310370	0.0	2	5	2
##	2558	0.021754386	0.0000000	1.0	1	1	3
##	2559	0.008695652	101.3721739	0.0	1	1	1
##	2560	0.038888889	0.0000000	0.2	3	2	3
##	2561	0.041498896	0.0000000	0.6	1	1	3
##	2562	0.022727273	0.0000000	0.6	3	2	7
##	2563	0.013015873	0.0000000	0.0	1	1	1
##	2564	0.051785714	0.0000000	0.0	2	2	1
##	2565	0.066666667	0.0000000	0.0	2	2	2
##	2566	0.050000000	0.0000000	0.6	2	2	3
##	2567	0.020804598	0.0000000	1.0	1	1	3
##	2568	0.010000000	0.0000000	0.0	2	2	9
##	2569	0.022222222	33.1960000	0.0	2	2	1
##	2570	0.200000000	0.0000000	0.0	2	2	3
##	2571	0.013461538	0.0000000	0.0	1	2	4
##	2572	0.003273810	0.0000000	0.0	1	2	2
##	2573	0.019553530	20.7911594	0.0	2	2	4
##	2574	0.200000000	0.0000000	0.0	2	2	7
##	2575	0.014285714	0.0000000	0.6	2	2	1
##	2576	0.032558140	0.0000000	0.6	2	5	1
##	2577	0.007428571	9.5117143	0.0	3	2	2
##	2578	0.011111111	0.0000000	0.8	4	1	1
##	2579	0.020000000	0.0000000	0.0	3	2	6
##	2580	0.010939177	33.3335814	0.0	2	4	1
##	2581	0.040800000	0.0000000	0.8	2	2	3
##	2582	0.037037037	0.0000000	0.0	2	2	2
##	2583	0.031250000	0.0000000	0.0	3	2	6
##	2584	0.007692308	0.0000000	0.0	2	2	9
##	2585	0.045267490	0.0000000	0.2	3	2	1
##	2586	0.010526316	0.0000000	0.0	2	2	5
##	2587	0.012253894	19.1341528	0.8	3	2	4
##	2588	0.014285714	0.0000000	0.0	2	2	6
##	2589	0.100000000	0.0000000	0.0	3	2	1
##	2590	0.050000000	0.0000000	0.0	2	5	6
##	2591	0.008451124	7.6104311	0.0	2	2	1
##	2592	0.166666667	0.0000000	0.6	2	4	1
##	2593	0.016666667	0.0000000	0.0	2	2	3
##	2594	0.075000000	0.0000000	1.0	1	1	1
##	2595	0.150000000	0.0000000	0.0	3	2	1
##	2596	0.041269841	0.0000000	0.8	2	10	7
##	2597	0.025000000	0.0000000	0.0	2	2	1
##	2598	0.066666667	0.0000000	1.0	2	2	7
##	2599	0.036793698	0.0000000	0.8	2	2	1
##	2600	0.012500000	0.0000000	0.0	4	1	1
##	2601	0.050933333	0.0000000	0.0	1	1	2
##	2602	0.019191919	0.0000000	0.0	2	2	1
##	2603	0.029430894	0.0000000	0.6	2	2	7
##	2604	0.018387097	2.0508145	0.0	1	1	6
##	2605	0.033333333	0.0000000	0.0	3	2	1
##	2606	0.027272727	0.0000000	0.6	1	1	1
##	2607	0.030158730	5.9971429	1.0	2	2	4
##	2608	0.200000000	0.0000000	0.8	3	2	1

##	2609	0.045454545	0.0000000	0.0	2	2	3
##	2610	0.082692308	0.0000000	0.6	1	6	1
##	2611	0.133333333	0.0000000	1.0	1	1	1
##	2612	0.009574468	0.0000000	0.0	2	4	6
##	2613	0.010784314	215.0094118	0.0	3	2	4
##	2614	0.007692308	0.0000000	0.0	1	2	6
##	2615	0.050000000	0.0000000	0.6	1	2	2
##	2616	0.017016807	5.2207059	0.0	3	2	2
##	2617	0.032020784	15.0047619	0.0	1	2	2
##	2618	0.015897436	0.0000000	0.0	2	2	3
##	2619	0.050000000	0.0000000	0.0	4	2	1
##	2620	0.015888889	4.2302122	0.0	2	2	2
##	2621	0.100000000	0.0000000	0.0	3	2	8
##	2622	0.008161036	11.8023365	0.0	1	1	1
##	2623	0.019230769	4.7095000	1.0	2	2	9
##	2624	0.100000000	0.0000000	0.0	2	2	1
##	2625	0.020512821	0.0000000	0.0	1	2	8
##	2626	0.022222222	0.0000000	0.0	3	2	1
##	2627	0.008000000	0.0000000	0.0	1	1	1
##	2628	0.025000000	0.0000000	0.0	2	2	3
##	2629	0.016000000	0.0000000	0.0	2	2	1
##	2630	0.200000000	0.0000000	0.0	2	2	3
##	2631	0.040476190	0.0000000	0.0	2	2	1
##	2632	0.024444444	0.0000000	0.0	2	2	7
##	2633	0.092753623	0.0000000	0.6	3	2	2
##	2634	0.200000000	0.0000000	0.0	6	2	3
##	2635	0.175000000	0.0000000	0.4	2	2	1
##	2636	0.083333333	0.0000000	0.0	2	4	3
##	2637	0.200000000	0.0000000	0.0	3	2	3
##	2638	0.028828829	9.9229730	0.6	2	6	2
##	2639	0.166666667	0.0000000	0.0	2	2	3
##	2640	0.200000000	0.0000000	0.0	3	2	3
##	2641	0.015384615	44.2966154	0.0	1	1	1
##	2642	0.200000000	0.0000000	0.0	3	2	4
##	2643	0.078269231	0.0000000	0.0	2	2	2
##	2644	0.028421053	0.0000000	0.0	2	2	1
##	2645	0.044444444	0.0000000	0.2	3	2	3
##	2646	0.028571429	0.0000000	0.0	2	2	9
##	2647	0.008000000	0.0000000	0.0	2	2	1
##	2648	0.022727273	0.0000000	0.6	3	7	3
##	2649	0.025000000	0.0000000	0.2	3	2	1
##	2650	0.026819923	0.0000000	0.8	2	2	2
##	2651	0.033333333	0.0000000	0.0	2	2	6
##	2652	0.020429089	0.0000000	0.0	3	2	1
##	2653	0.042424242	0.0000000	0.0	2	2	8
##	2654	0.028571429	0.0000000	0.0	2	2	2
##	2655	0.100000000	0.0000000	0.8	2	2	1
##	2656	0.160000000	0.0000000	0.6	3	2	1
##	2657	0.017471264	3.0990000	0.6	2	2	2
##	2658	0.200000000	0.0000000	0.0	1	1	5
##	2659	0.066666667	0.0000000	0.0	2	2	6
##	2660	0.020000000	0.0000000	1.0	1	1	1
##	2661	0.200000000	0.0000000	0.0	2	4	9
##	2662	0.004444444	32.1421333	0.6	3	2	2

##	2663	0.072115385	0.0000000	0.8	2	2	1
##	2664	0.016666667	4.9872375	0.0	2	2	1
##	2665	0.016049383	0.0000000	0.0	1	1	1
##	2666	0.200000000	0.0000000	0.8	2	2	3
##	2667	0.038562092	0.0000000	0.2	3	2	1
##	2668	0.093333333	0.0000000	0.6	1	1	1
##	2669	0.064880952	0.0000000	0.0	2	2	6
##	2670	0.025750000	0.0000000	0.4	2	2	1
##	2671	0.030000000	19.4281000	0.0	2	2	1
##	2672	0.014285714	0.0000000	0.0	2	2	1
##	2673	0.069696970	0.0000000	0.0	2	2	2
##	2674	0.009523810	0.0000000	0.0	2	10	3
##	2675	0.027777778	19.5953333	0.0	4	1	2
##	2676	0.024137931	0.0000000	0.8	2	2	7
##	2677	0.100000000	0.0000000	0.0	2	6	7
##	2678	0.073412698	0.0000000	0.0	2	2	6
##	2679	0.008587569	2.0877827	0.0	3	2	7
##	2680	0.043950617	3.9191270	0.0	1	1	7
##	2681	0.052941176	0.0000000	0.8	2	7	9
##	2682	0.057142857	0.0000000	0.8	2	2	3
##	2683	0.020000000	0.0000000	0.6	2	2	3
##	2684	0.020689655	0.0000000	0.0	2	2	5
##	2685	0.016086957	7.8689502	0.0	2	2	2
##	2686	0.035374150	0.0000000	0.0	2	5	7
##	2687	0.093859649	0.0000000	0.0	3	2	6
##	2688	0.150000000	0.0000000	0.8	2	2	4
##	2689	0.007993197	0.0000000	0.0	1	1	3
##	2690	0.100000000	0.0000000	0.8	2	2	1
##	2691	0.014285714	0.0000000	0.8	2	2	3
##	2692	0.009090909	0.0000000	0.0	1	1	3
##	2693	0.003571429	0.0000000	0.0	3	2	1
##	2694	0.011904762	12.5588571	0.0	2	2	1
##	2695	0.080000000	0.0000000	0.4	2	2	1
##	2696	0.200000000	0.0000000	0.0	1	1	3
##	2697	0.018407960	0.0000000	0.8	2	2	6
##	2698	0.059814815	33.4405556	0.0	2	2	7
##	2699	0.020897436	9.0273208	0.0	2	7	4
##	2700	0.040000000	0.0000000	0.0	2	2	5
##	2701	0.144444444	0.0000000	1.0	3	2	7
##	2702	0.029597244	0.0000000	0.0	3	2	4
##	2703	0.001190476	0.0000000	0.0	2	2	1
##	2704	0.200000000	0.0000000	0.0	1	1	2
##	2705	0.072916667	0.0000000	0.0	1	1	1
##	2706	0.043002538	0.0000000	0.0	2	2	4
##	2707	0.057142857	0.0000000	0.0	4	1	1
##	2708	0.009523810	71.9440000	0.0	4	1	2
##	2709	0.160000000	0.0000000	0.0	1	1	4
##	2710	0.039201413	12.0746889	0.0	1	1	3
##	2711	0.010434783	0.0000000	0.6	4	2	1
##	2712	0.031768707	9.0018571	0.4	1	1	3
##	2713	0.058974359	0.0000000	0.2	2	2	1
##	2714	0.200000000	0.0000000	0.8	3	2	1
##	2715	0.087500000	0.0000000	0.6	4	2	1
##	2716	0.057142857	0.0000000	0.0	2	2	4

##	2717	0.026470588	0.0000000	0.4	2	2	3
##	2718	0.018042396	13.4029826	0.0	3	2	6
##	2719	0.033684211	0.0000000	0.0	3	2	1
##	2720	0.039269841	14.9643200	0.0	1	8	4
##	2721	0.200000000	0.0000000	1.0	4	1	2
##	2722	0.006666667	31.4078400	0.0	2	2	3
##	2723	0.025000000	0.0000000	0.0	2	2	1
##	2724	0.021428571	0.0000000	0.0	1	1	1
##	2725	0.033333333	0.0000000	0.8	2	4	1
##	2726	0.041869919	0.0000000	1.0	2	2	1
##	2727	0.030933333	0.0000000	0.0	1	1	1
##	2728	0.056140351	0.0000000	0.0	2	5	1
##	2729	0.007753623	7.3453217	0.0	1	1	2
##	2730	0.023076923	0.0000000	0.0	2	2	4
##	2731	0.150000000	0.0000000	0.0	2	2	6
##	2732	0.004273504	47.9312821	0.0	3	2	3
##	2733	0.038461538	0.0000000	0.6	2	2	1
##	2734	0.057142857	0.0000000	0.8	2	2	3
##	2735	0.011458333	30.2693750	0.0	2	2	4
##	2736	0.017261905	4.7442063	0.0	3	2	8
##	2737	0.020000000	34.4925000	0.8	3	2	8
##	2738	0.036666667	10.4445000	0.0	2	5	5
##	2739	0.016190476	0.0000000	0.0	3	2	2
##	2740	0.016666667	0.0000000	0.0	4	1	3
##	2741	0.063636364	0.0000000	0.4	2	2	2
##	2742	0.016783217	55.2364615	0.0	1	1	3
##	2743	0.043560606	0.0000000	0.0	2	2	1
##	2744	0.035000000	20.3940000	0.0	2	2	7
##	2745	0.052722840	0.0000000	0.2	1	1	1
##	2746	0.200000000	0.0000000	0.0	2	6	1
##	2747	0.033333333	64.7880000	0.0	2	2	1
##	2748	0.025000000	0.0000000	0.0	2	2	9
##	2749	0.200000000	0.0000000	0.0	1	1	3
##	2750	0.160000000	0.0000000	0.8	2	5	2
##	2751	0.129761905	0.0000000	0.8	3	2	1
##	2752	0.071428571	0.0000000	0.4	2	5	1
##	2753	0.120000000	0.0000000	0.0	3	2	1
##	2754	0.006666667	29.8480000	0.0	2	4	1
##	2755	0.020000000	0.0000000	0.0	1	1	6
##	2756	0.021428571	0.0000000	0.0	2	2	8
##	2757	0.040555556	0.0000000	0.4	2	2	1
##	2758	0.042857143	0.0000000	0.0	1	1	3
##	2759	0.011111111	0.0000000	0.0	2	2	2
##	2760	0.100000000	0.0000000	0.0	2	2	1
##	2761	0.033333333	0.0000000	0.6	2	2	4
##	2762	0.100000000	0.0000000	0.8	2	2	1
##	2763	0.004651163	28.5315349	0.6	2	2	4
##	2764	0.046491228	0.0000000	0.4	2	5	3
##	2765	0.177777778	0.0000000	0.0	3	2	2
##	2766	0.017435897	18.9956154	0.4	3	2	1
##	2767	0.133333333	0.0000000	0.8	2	2	7
##	2768	0.106666667	0.0000000	0.4	2	5	1
##	2769	0.051238095	0.0000000	0.0	2	5	4
##	2770	0.025292398	13.1173392	0.0	2	2	1

## 2771	0.042424242	0.0000000	0.6	2	5	3
## 2772	0.020512821	0.0000000	0.0	2	10	7
## 2773	0.200000000	0.0000000	0.0	3	3	4
## 2774	0.021971597	0.0000000	0.0	2	2	2
## 2775	0.021428571	0.0000000	0.0	2	2	8
## 2776	0.018076564	0.0000000	0.0	3	2	1
## 2777	0.011632486	0.7610763	0.0	2	2	2
## 2778	0.016284567	0.0000000	0.4	2	2	2
## 2779	0.054545455	0.0000000	0.6	2	2	3
## 2780	0.020000000	0.0000000	0.0	2	4	1
## 2781	0.012500000	0.0000000	0.0	3	2	4
## 2782	0.001360544	53.2288163	0.0	4	1	3
## 2783	0.200000000	0.0000000	0.0	2	2	6
## 2784	0.010690797	0.0000000	0.8	3	2	1
## 2785	0.120833333	0.0000000	0.0	2	4	3
## 2786	0.050000000	0.0000000	0.0	2	5	3
## 2787	0.010526316	0.0000000	0.0	2	2	1
## 2788	0.078333333	0.0000000	0.8	1	1	1
## 2789	0.033333333	0.0000000	0.0	1	1	4
## 2790	0.016140351	34.2533684	0.0	2	2	3
## 2791	0.015384615	0.0000000	0.0	2	2	1
## 2792	0.029824561	0.0000000	0.0	2	2	2
## 2793	0.081250000	0.0000000	0.0	2	2	1
## 2794	0.037500000	0.0000000	0.0	3	2	9
## 2795	0.047074074	10.6480571	0.0	4	1	1
## 2796	0.200000000	0.0000000	0.0	3	2	7
## 2797	0.011337868	4.7599354	0.0	1	2	4
## 2798	0.100000000	0.0000000	0.0	2	2	1
## 2799	0.016666667	0.0000000	0.0	1	2	2
## 2800	0.020000000	0.0000000	0.0	2	2	1
## 2801	0.041666667	0.0000000	0.0	2	2	7
## 2802	0.036549708	0.0000000	0.2	2	2	1
## 2803	0.003571429	0.0000000	0.0	3	2	4
## 2804	0.022024757	0.0000000	0.0	2	2	3
## 2805	0.028571429	0.0000000	0.0	2	10	6
## 2806	0.042222222	0.0000000	0.4	2	2	4
## 2807	0.008333333	0.0000000	0.0	3	2	4
## 2808	0.029259259	0.0000000	0.4	1	1	7
## 2809	0.015384615	0.0000000	0.0	3	2	5
## 2810	0.075000000	0.0000000	0.2	2	2	6
## 2811	0.050000000	0.0000000	0.0	2	4	3
## 2812	0.010452962	39.7557724	0.0	2	2	3
## 2813	0.012789661	17.0797823	0.2	3	2	4
## 2814	0.200000000	0.0000000	0.0	2	2	1
## 2815	0.041176471	0.0000000	0.0	2	2	2
## 2816	0.019404762	5.3829687	0.2	3	2	3
## 2817	0.033333333	0.0000000	0.0	2	2	3
## 2818	0.023059361	0.0000000	0.8	3	2	3
## 2819	0.008333333	0.0000000	0.0	3	2	3
## 2820	0.040977778	0.0000000	0.4	2	2	5
## 2821	0.045000000	0.0000000	0.0	3	2	7
## 2822	0.010000000	0.0000000	0.0	2	4	1
## 2823	0.080000000	0.0000000	0.0	2	2	3
## 2824	0.007407407	0.0000000	0.0	1	1	1

##	2825	0.100000000	0.0000000	0.0	3	2	3
##	2826	0.022222222	97.9800000	0.0	1	1	4
##	2827	0.013333333	0.0000000	0.6	2	2	9
##	2828	0.021052632	0.0000000	0.0	2	2	7
##	2829	0.033469388	5.4663878	1.0	2	2	1
##	2830	0.036936937	0.0000000	1.0	2	2	1
##	2831	0.004818713	0.0000000	0.0	3	2	1
##	2832	0.033333333	0.0000000	0.0	1	1	4
##	2833	0.138461538	0.0000000	0.4	3	2	1
##	2834	0.008000000	0.0000000	0.2	2	2	3
##	2835	0.011111111	0.0000000	0.0	2	2	1
##	2836	0.033646617	0.0000000	0.0	2	2	7
##	2837	0.004761905	39.8188571	0.0	2	4	4
##	2838	0.020000000	0.0000000	0.0	3	2	1
##	2839	0.007901699	0.0000000	0.0	2	2	2
##	2840	0.021212121	29.7747273	0.0	2	5	1
##	2841	0.040000000	0.0000000	0.6	2	2	2
##	2842	0.073696145	0.0000000	0.0	3	2	1
##	2843	0.015384615	0.0000000	0.4	2	2	7
##	2844	0.001715686	0.0000000	0.8	2	2	2
##	2845	0.014285714	0.0000000	0.0	3	2	1
##	2846	0.026416667	0.0000000	0.8	2	6	3
##	2847	0.016885965	12.6858316	0.0	2	2	2
##	2848	0.008333333	0.0000000	0.0	2	5	7
##	2849	0.200000000	0.0000000	0.4	3	2	4
##	2850	0.019927536	0.0000000	0.8	3	2	8
##	2851	0.057142857	0.0000000	0.0	2	2	1
##	2852	0.066666667	0.0000000	0.6	2	4	3
##	2853	0.030000000	0.0000000	0.4	3	2	6
##	2854	0.018513906	20.9723973	0.0	2	2	1
##	2855	0.006649462	15.4772076	0.0	2	2	3
##	2856	0.043434343	0.0000000	0.4	2	1	7
##	2857	0.072000000	0.0000000	0.0	2	2	3
##	2858	0.005896806	22.5888649	0.0	2	2	3
##	2859	0.013141026	12.8370513	0.8	3	2	4
##	2860	0.058666667	0.0000000	1.0	3	2	3
##	2861	0.120000000	0.0000000	0.0	2	2	6
##	2862	0.028571429	0.0000000	0.0	2	2	6
##	2863	0.084722222	0.0000000	0.0	2	2	1
##	2864	0.023529412	0.0000000	0.0	2	2	3
##	2865	0.050000000	0.0000000	0.0	1	1	2
##	2866	0.007619048	53.1014286	0.0	2	2	6
##	2867	0.085714286	0.0000000	0.6	2	2	4
##	2868	0.011111111	0.0000000	0.0	2	2	1
##	2869	0.100877193	0.0000000	0.4	3	2	1
##	2870	0.125000000	0.0000000	0.6	2	4	9
##	2871	0.200000000	0.0000000	0.0	1	1	4
##	2872	0.041156463	0.0000000	0.0	3	2	4
##	2873	0.100000000	0.0000000	0.0	3	2	1
##	2874	0.034791667	0.0000000	0.0	3	2	2
##	2875	0.014389234	18.1244609	0.0	2	2	1
##	2876	0.013333333	0.0000000	0.0	3	2	2
##	2877	0.020833333	0.0000000	0.0	2	2	1
##	2878	0.013636364	49.5482727	0.0	2	2	4

##	2879	0.100000000	0.0000000	0.6	2	2	1
##	2880	0.013333333	43.2520000	0.2	2	4	1
##	2881	0.200000000	0.0000000	0.4	2	4	6
##	2882	0.021212121	7.2917576	0.0	1	1	1
##	2883	0.017777778	0.0000000	0.0	2	2	1
##	2884	0.066666667	0.0000000	0.0	2	2	4
##	2885	0.038571429	10.0208571	0.6	3	2	1
##	2886	0.008333333	0.0000000	0.2	2	2	1
##	2887	0.006666667	0.0000000	0.0	2	2	7
##	2888	0.003571429	0.0000000	0.6	2	4	1
##	2889	0.102285714	0.0000000	0.0	3	2	4
##	2890	0.037634409	0.0000000	0.0	2	2	1
##	2891	0.011428571	0.0000000	0.0	1	1	1
##	2892	0.010741385	26.0237706	0.0	2	2	1
##	2893	0.067857143	0.0000000	0.8	2	6	1
##	2894	0.014707510	0.0000000	0.0	2	2	1
##	2895	0.002298851	82.1236782	0.0	4	1	7
##	2896	0.111111111	0.0000000	0.4	2	2	5
##	2897	0.030000000	0.0000000	0.8	3	2	8
##	2898	0.040000000	0.0000000	0.0	2	2	1
##	2899	0.063333333	0.0000000	0.0	2	2	6
##	2900	0.060000000	0.0000000	0.0	2	2	3
##	2901	0.200000000	0.0000000	0.0	1	1	3
##	2902	0.033012821	0.0000000	0.0	2	6	1
##	2903	0.051428571	25.1940000	0.8	2	2	3
##	2904	0.011111111	0.0000000	0.2	2	2	2
##	2905	0.041666667	0.0000000	0.0	2	2	4
##	2906	0.063947520	0.0000000	0.4	3	2	1
##	2907	0.025305250	0.0000000	0.8	3	2	3
##	2908	0.028571429	0.0000000	0.0	2	4	1
##	2909	0.016296296	75.3086469	0.0	2	2	8
##	2910	0.075000000	0.0000000	0.0	2	2	6
##	2911	0.042424242	0.0000000	1.0	2	6	2
##	2912	0.033333333	0.0000000	0.0	2	4	3
##	2913	0.011627907	0.0000000	0.0	2	2	1
##	2914	0.083333333	0.0000000	0.0	2	2	4
##	2915	0.100000000	0.0000000	0.0	2	2	1
##	2916	0.071111111	0.0000000	0.2	2	5	1
##	2917	0.057878788	0.0000000	0.0	3	2	4
##	2918	0.027777778	0.0000000	0.0	2	4	4
##	2919	0.062500000	0.0000000	1.0	3	3	3
##	2920	0.013814416	2.9954658	0.0	2	5	3
##	2921	0.014672365	18.0858461	0.0	2	4	5
##	2922	0.013416263	6.9765046	1.0	2	2	3
##	2923	0.011871220	2.3534446	1.0	3	2	3
##	2924	0.040625000	0.0000000	0.0	2	4	3
##	2925	0.016888889	0.0000000	0.0	2	2	2
##	2926	0.040000000	0.0000000	0.0	1	8	4
##	2927	0.010935374	13.7181257	0.4	3	2	3
##	2928	0.027309942	17.1674597	0.6	2	2	1
##	2929	0.119473684	0.0000000	1.0	3	2	4
##	2930	0.084000000	0.0000000	0.8	2	2	6
##	2931	0.055555556	0.0000000	0.0	1	1	1
##	2932	0.200000000	0.0000000	0.0	1	1	6

##	2933	0.060000000	0.0000000	0.6	1	1	1
##	2934	0.133333333	0.0000000	0.8	2	2	2
##	2935	0.003333333	0.0000000	0.0	2	5	1
##	2936	0.033333333	0.0000000	0.0	4	2	8
##	2937	0.015013618	0.0000000	1.0	3	2	1
##	2938	0.050000000	0.0000000	0.0	2	5	6
##	2939	0.005263158	0.0000000	0.0	2	2	2
##	2940	0.003974359	0.0000000	0.0	4	2	2
##	2941	0.014967419	0.0000000	0.0	2	5	1
##	2942	0.033333333	0.0000000	0.0	1	1	1
##	2943	0.032380952	11.0194286	0.0	2	4	3
##	2944	0.200000000	0.0000000	0.2	2	2	6
##	2945	0.047238095	0.0000000	0.0	3	2	4
##	2946	0.013333333	16.1892000	0.0	2	2	7
##	2947	0.014814815	0.0000000	0.0	3	2	8
##	2948	0.021388889	0.0000000	0.0	2	2	2
##	2949	0.023535354	0.0000000	0.0	2	2	2
##	2950	0.031818182	0.0000000	0.2	1	1	2
##	2951	0.041666667	9.2970000	0.0	2	4	3
##	2952	0.109090909	0.0000000	0.0	2	2	1
##	2953	0.033333333	0.0000000	0.0	2	2	1
##	2954	0.019875776	0.0000000	0.0	1	1	3
##	2955	0.019047619	0.0000000	0.0	3	2	3
##	2956	0.049396552	0.0000000	0.6	2	2	3
##	2957	0.200000000	0.0000000	0.0	2	2	6
##	2958	0.033333333	0.0000000	0.0	1	1	3
##	2959	0.040000000	0.0000000	0.0	2	2	7
##	2960	0.150000000	0.0000000	0.6	2	5	1
##	2961	0.034444444	0.0000000	0.8	2	2	7
##	2962	0.042857143	0.0000000	0.0	2	2	4
##	2963	0.050000000	0.0000000	0.0	2	2	4
##	2964	0.004809853	27.8997753	0.0	4	2	6
##	2965	0.060000000	0.0000000	0.0	2	2	1
##	2966	0.050000000	0.0000000	0.0	2	2	6
##	2967	0.020000000	79.1820000	0.0	2	4	1
##	2968	0.007142857	0.0000000	0.0	2	2	4
##	2969	0.014285714	0.0000000	0.0	3	3	4
##	2970	0.010000000	0.0000000	0.0	2	2	1
##	2971	0.080000000	0.0000000	1.0	2	2	5
##	2972	0.005855856	0.0000000	0.0	1	1	2
##	2973	0.042647059	0.0000000	0.8	2	2	1
##	2974	0.002734559	11.9791069	0.0	4	1	5
##	2975	0.012763533	0.0000000	0.8	2	2	3
##	2976	0.035072464	0.0000000	0.0	1	1	6
##	2977	0.013333333	0.0000000	0.0	2	2	6
##	2978	0.014285714	0.0000000	0.8	2	2	1
##	2979	0.060000000	0.0000000	0.4	2	5	1
##	2980	0.072240260	0.0000000	0.8	3	2	1
##	2981	0.020000000	0.0000000	0.0	2	2	7
##	2982	0.015536723	15.3576034	0.0	2	2	1
##	2983	0.006428571	0.0000000	0.8	2	4	4
##	2984	0.006250000	0.0000000	0.0	2	5	7
##	2985	0.029629630	0.0000000	0.0	3	2	1
##	2986	0.017267081	5.9811667	0.0	3	2	3

##	2987	0.014285714	0.0000000	0.0	2	2	1
##	2988	0.003333333	0.0000000	0.0	3	2	7
##	2989	0.001250000	0.0000000	0.0	1	1	7
##	2990	0.030555556	12.1800000	0.6	1	1	4
##	2991	0.041269841	14.9964286	0.0	2	2	3
##	2992	0.011954023	0.0000000	0.0	2	2	1
##	2993	0.019298246	15.2490000	0.4	2	6	1
##	2994	0.039989226	0.0000000	0.6	2	2	2
##	2995	0.046153846	0.0000000	0.4	2	2	7
##	2996	0.020000000	0.0000000	0.0	2	2	3
##	2997	0.055225225	0.0000000	1.0	1	1	7
##	2998	0.016666667	0.0000000	0.0	3	2	6
##	2999	0.087407407	0.0000000	0.6	3	2	1
##	3000	0.020000000	0.0000000	0.0	1	1	1
##	3001	0.200000000	0.0000000	0.0	2	10	3
##	3002	0.053333333	0.0000000	0.0	2	2	1
##	3003	0.133333333	0.0000000	0.4	2	12	8
##	3004	0.057142857	0.0000000	0.0	2	2	1
##	3005	0.011827957	9.3118548	0.0	2	2	5
##	3006	0.036363636	0.0000000	0.0	2	2	1
##	3007	0.006327684	10.2459830	0.0	2	2	2
##	3008	0.033333333	0.0000000	0.8	4	1	4
##	3009	0.035294118	0.0000000	0.6	4	1	3
##	3010	0.033333333	0.0000000	0.0	4	2	4
##	3011	0.046153846	0.0000000	0.0	1	1	3
##	3012	0.032291667	0.0000000	0.0	2	5	1
##	3013	0.040000000	0.0000000	0.0	4	1	1
##	3014	0.102083333	0.0000000	0.2	3	2	1
##	3015	0.022222222	0.0000000	0.2	1	1	3
##	3016	0.021833333	0.0000000	1.0	2	2	4
##	3017	0.003225806	22.0880000	0.0	2	2	1
##	3018	0.059047619	0.0000000	0.8	3	2	1
##	3019	0.013333333	0.0000000	0.0	2	2	5
##	3020	0.011111111	0.0000000	0.0	2	2	1
##	3021	0.025000000	0.0000000	0.6	3	2	3
##	3022	0.200000000	0.0000000	0.8	3	2	3
##	3023	0.008333333	0.0000000	0.0	2	4	2
##	3024	0.033523810	0.0000000	0.0	3	2	4
##	3025	0.100000000	0.0000000	0.0	2	2	1
##	3026	0.022222222	0.0000000	0.0	2	2	4
##	3027	0.050000000	0.0000000	0.6	3	3	7
##	3028	0.040659551	0.0000000	0.8	2	2	6
##	3029	0.030769231	9.4075385	0.0	2	2	3
##	3030	0.080000000	0.0000000	0.6	3	2	3
##	3031	0.022874780	0.0000000	0.6	3	2	7
##	3032	0.019148936	0.0000000	0.0	2	2	3
##	3033	0.026829268	0.0000000	0.0	2	2	1
##	3034	0.013157895	0.0000000	0.0	2	2	3
##	3035	0.013333333	0.0000000	0.0	2	2	4
##	3036	0.013690476	0.0000000	0.0	3	2	2
##	3037	0.027288961	0.0000000	0.8	2	2	3
##	3038	0.080000000	0.0000000	0.0	2	2	1
##	3039	0.093333333	0.0000000	0.8	3	2	3
##	3040	0.037435897	0.0000000	0.0	2	2	7

## 3041	0.066666667	0.0000000	0.0	2	7	3
## 3042	0.012857143	0.0000000	0.0	3	2	5
## 3043	0.188888889	0.0000000	0.8	3	2	6
## 3044	0.007218823	11.2960704	0.0	4	1	3
## 3045	0.015970880	2.7769073	0.6	3	2	2
## 3046	0.005555556	0.0000000	0.6	1	1	1
## 3047	0.013846154	49.6630769	0.0	4	2	4
## 3048	0.032583774	0.0000000	0.0	2	2	4
## 3049	0.046060606	0.0000000	0.6	1	1	3
## 3050	0.022857143	0.0000000	0.0	2	2	3
## 3051	0.029535519	0.0000000	0.0	2	2	4
## 3052	0.047619048	0.0000000	0.0	3	2	8
## 3053	0.200000000	0.0000000	0.0	3	2	4
## 3054	0.122222222	0.0000000	1.0	2	6	1
## 3055	0.026666667	0.0000000	0.0	3	3	4
## 3056	0.044444444	0.0000000	0.2	1	2	1
## 3057	0.033333333	0.0000000	0.0	3	2	1
## 3058	0.033870968	19.5550193	0.0	2	4	7
## 3059	0.025000000	0.0000000	0.0	1	1	1
## 3060	0.066666667	0.0000000	0.6	2	2	1
## 3061	0.100000000	0.0000000	0.8	2	4	1
## 3062	0.026923077	0.0000000	0.0	2	2	7
## 3063	0.016666667	239.9800000	0.0	2	2	5
## 3064	0.018965517	0.0000000	0.0	3	2	3
## 3065	0.040000000	0.0000000	0.0	2	6	6
## 3066	0.036830357	0.0000000	1.0	1	1	3
## 3067	0.040310120	0.0000000	1.0	2	2	1
## 3068	0.024242424	0.0000000	0.0	2	2	8
## 3069	0.022222222	0.0000000	0.0	1	8	6
## 3070	0.023809524	5.5692857	0.0	2	2	2
## 3071	0.070138889	0.0000000	0.0	3	2	2
## 3072	0.052840909	25.6164583	0.8	3	2	1
## 3073	0.057142857	12.5588571	0.0	2	2	7
## 3074	0.005000000	0.0000000	0.0	2	2	4
## 3075	0.005128205	0.0000000	0.0	1	1	4
## 3076	0.003030303	0.0000000	0.0	2	2	2
## 3077	0.054545455	0.0000000	0.6	2	2	1
## 3078	0.003846154	0.0000000	0.0	2	2	3
## 3079	0.073333333	0.0000000	0.8	3	2	1
## 3080	0.017232253	0.0000000	1.0	3	2	8
## 3081	0.040000000	0.0000000	0.0	4	2	3
## 3082	0.036363636	26.2298182	0.0	2	2	1
## 3083	0.002325581	80.0434419	0.0	2	2	1
## 3084	0.100000000	0.0000000	0.0	1	1	4
## 3085	0.022222222	0.0000000	0.2	2	2	1
## 3086	0.014285714	39.2714571	0.0	2	6	6
## 3087	0.066666667	0.0000000	0.0	1	1	2
## 3088	0.066666667	0.0000000	0.0	2	6	4
## 3089	0.100000000	0.0000000	0.6	1	1	3
## 3090	0.200000000	0.0000000	0.0	1	1	3
## 3091	0.150000000	0.0000000	0.0	1	1	3
## 3092	0.014285714	0.0000000	0.0	1	1	6
## 3093	0.028571429	0.0000000	0.0	2	2	2
## 3094	0.200000000	0.0000000	0.8	2	2	1

##	3095	0.160000000	0.0000000	0.8	2	5	3
##	3096	0.029877803	0.0000000	0.0	3	2	1
##	3097	0.010000000	0.0000000	0.2	2	2	3
##	3098	0.012500000	0.0000000	0.2	2	2	2
##	3099	0.031196581	8.7811442	0.0	2	2	1
##	3100	0.047619048	0.0000000	0.6	1	1	2
##	3101	0.011333333	2.9674933	0.0	2	2	1
##	3102	0.016825397	17.3917143	0.0	3	2	3
##	3103	0.051999065	0.0000000	0.0	3	2	6
##	3104	0.030000000	0.0000000	0.8	3	2	1
##	3105	0.075277778	0.0000000	0.6	1	1	3
##	3106	0.008666667	41.8689600	0.0	3	3	1
##	3107	0.028645833	0.0000000	0.0	2	2	6
##	3108	0.018181818	0.0000000	0.0	1	1	3
##	3109	0.013849519	2.9175181	0.8	2	2	1
##	3110	0.200000000	0.0000000	0.0	1	1	3
##	3111	0.016666667	0.0000000	0.8	3	3	1
##	3112	0.080000000	0.0000000	0.0	1	8	4
##	3113	0.066666667	0.0000000	0.0	3	2	3
##	3114	0.010526316	0.0000000	0.8	2	4	1
##	3115	0.001915584	0.0000000	0.0	2	4	3
##	3116	0.018061840	0.0000000	0.0	1	1	2
##	3117	0.004005848	60.4338526	0.2	2	2	4
##	3118	0.048765432	0.0000000	0.0	2	5	6
##	3119	0.054710145	0.0000000	1.0	3	2	3
##	3120	0.200000000	0.0000000	0.0	2	2	1
##	3121	0.006060606	0.0000000	0.0	1	1	6
##	3122	0.019399025	10.6733171	0.6	2	2	3
##	3123	0.200000000	0.0000000	0.2	3	2	3
##	3124	0.008695652	32.8085217	0.0	1	1	2
##	3125	0.003846154	0.0000000	0.0	2	4	4
##	3126	0.200000000	0.0000000	0.0	1	1	2
##	3127	0.018181818	0.0000000	0.0	2	2	3
##	3128	0.007407407	0.0000000	0.0	2	2	3
##	3129	0.026830934	0.0000000	0.6	2	5	3
##	3130	0.025000000	0.0000000	0.0	1	1	1
##	3131	0.015128205	0.0000000	0.0	2	2	6
##	3132	0.015244789	0.0000000	0.2	1	1	3
##	3133	0.050000000	0.0000000	0.0	4	5	1
##	3134	0.200000000	0.0000000	0.6	1	1	2
##	3135	0.105555556	0.0000000	0.8	3	2	8
##	3136	0.100000000	0.0000000	0.0	1	1	3
##	3137	0.023529412	60.3423529	0.6	2	2	1
##	3138	0.019960276	0.0000000	0.0	4	1	3
##	3139	0.001273148	0.0000000	0.0	2	2	6
##	3140	0.200000000	0.0000000	0.0	2	2	8
##	3141	0.012345679	0.0000000	0.0	2	2	1
##	3142	0.015686275	0.0000000	0.0	4	1	1
##	3143	0.006250000	115.4862500	0.0	2	2	3
##	3144	0.029405769	13.7735581	0.8	2	2	1
##	3145	0.083333333	0.0000000	0.4	2	2	3
##	3146	0.015306122	25.4132143	0.6	2	6	1
##	3147	0.022222222	51.1760000	0.0	2	2	1
##	3148	0.027420635	7.5301071	0.8	2	2	1

##	3149	0.016666667	0.0000000	0.8	3	2	3
##	3150	0.000409836	0.0000000	0.6	2	5	3
##	3151	0.044962458	0.0000000	0.0	3	2	3
##	3152	0.024242424	0.0000000	0.0	2	2	1
##	3153	0.006678351	119.6414737	0.0	1	1	2
##	3154	0.034615385	0.0000000	0.4	2	2	5
##	3155	0.001851852	12.8915000	0.0	4	1	1
##	3156	0.016163522	0.0000000	0.0	3	3	3
##	3157	0.055000000	0.0000000	0.0	3	2	1
##	3158	0.012500000	0.0000000	0.0	2	2	1
##	3159	0.020000000	3.4900364	0.0	2	2	3
##	3160	0.010985222	45.6987356	0.0	6	2	4
##	3161	0.004545455	0.0000000	0.0	2	4	9
##	3162	0.033333333	0.0000000	0.6	2	2	5
##	3163	0.050000000	0.0000000	0.0	2	2	9
##	3164	0.020286738	3.3226667	0.0	1	1	1
##	3165	0.166666667	0.0000000	0.0	1	1	3
##	3166	0.005632184	0.0000000	0.0	2	4	1
##	3167	0.021904762	0.0000000	0.0	2	2	7
##	3168	0.017682257	8.9608965	0.0	2	2	2
##	3169	0.027146119	0.0000000	0.0	2	2	2
##	3170	0.006172840	0.0000000	0.8	2	2	1
##	3171	0.030666667	0.0000000	0.8	2	10	1
##	3172	0.010454545	23.6215909	0.0	1	1	1
##	3173	0.011111111	36.6544444	0.0	2	2	2
##	3174	0.029239766	5.3040000	0.0	2	5	2
##	3175	0.062962963	0.0000000	0.0	3	2	1
##	3176	0.200000000	0.0000000	0.6	1	2	3
##	3177	0.075000000	0.0000000	0.0	1	1	8
##	3178	0.122222222	0.0000000	0.0	3	2	3
##	3179	0.028000000	1.8475200	0.0	2	2	1
##	3180	0.070490196	4.2792941	0.0	2	4	2
##	3181	0.014808078	0.0000000	0.0	2	2	1
##	3182	0.041176471	0.0000000	0.0	2	5	1
##	3183	0.083333333	0.0000000	0.6	2	2	1
##	3184	0.044444444	0.0000000	0.0	2	2	9
##	3185	0.017142857	0.0000000	0.6	2	10	1
##	3186	0.044312169	0.0000000	0.4	2	2	6
##	3187	0.017959184	0.0000000	0.0	2	5	4
##	3188	0.019480519	0.0000000	0.0	2	2	3
##	3189	0.008333333	0.0000000	0.0	2	2	9
##	3190	0.029166667	0.0000000	0.0	1	1	2
##	3191	0.033333333	0.0000000	0.0	2	2	1
##	3192	0.015277778	34.2607778	0.4	1	1	8
##	3193	0.066666667	0.0000000	0.2	2	2	1
##	3194	0.012820513	0.0000000	0.4	4	1	3
##	3195	0.011111111	0.0000000	0.0	2	2	8
##	3196	0.026281080	2.0905000	0.0	2	2	3
##	3197	0.040000000	0.0000000	0.0	4	1	3
##	3198	0.017931489	0.0000000	0.4	2	4	7
##	3199	0.005454545	0.0000000	0.0	3	2	4
##	3200	0.017500000	23.4154000	0.0	2	2	3
##	3201	0.018750000	0.0000000	0.0	3	2	1
##	3202	0.072000000	0.0000000	0.0	3	2	1

##	3203	0.015873016	0.0000000	0.0	4	1	1
##	3204	0.037500000	0.0000000	0.0	2	2	2
##	3205	0.034077383	0.0000000	1.0	3	2	1
##	3206	0.011685393	0.0000000	0.2	4	2	1
##	3207	0.100000000	0.0000000	0.0	1	1	1
##	3208	0.015384615	0.0000000	0.0	2	2	7
##	3209	0.071296296	0.0000000	0.8	2	2	6
##	3210	0.075000000	0.0000000	0.0	2	2	8
##	3211	0.066666667	0.0000000	0.0	2	4	1
##	3212	0.021951220	6.0721585	0.0	2	2	2
##	3213	0.008333333	0.0000000	0.4	2	2	1
##	3214	0.114814815	0.0000000	0.0	2	2	1
##	3215	0.008376076	0.0000000	0.8	1	1	6
##	3216	0.080000000	0.0000000	0.6	2	2	2
##	3217	0.200000000	0.0000000	0.6	2	2	3
##	3218	0.011870845	49.9543818	0.0	2	2	1
##	3219	0.053636364	0.0000000	0.6	1	1	1
##	3220	0.025750000	24.6142500	0.2	2	2	1
##	3221	0.200000000	0.0000000	0.0	2	2	1
##	3222	0.102717391	0.0000000	0.8	2	5	1
##	3223	0.007715618	98.0426256	0.0	2	2	1
##	3224	0.022222222	0.0000000	0.0	2	2	3
##	3225	0.022222222	0.0000000	0.0	3	2	3
##	3226	0.050000000	0.0000000	0.0	4	1	1
##	3227	0.013809524	0.0000000	0.0	1	1	1
##	3228	0.016684020	0.0000000	0.0	3	2	7
##	3229	0.040740741	0.0000000	0.6	2	2	6
##	3230	0.016666667	0.0000000	0.2	2	2	5
##	3231	0.013333333	0.0000000	0.0	1	1	1
##	3232	0.020779221	0.0000000	0.4	3	2	4
##	3233	0.100000000	0.0000000	0.0	2	5	3
##	3234	0.025161290	15.5119355	0.0	2	2	1
##	3235	0.200000000	0.0000000	0.0	3	2	9
##	3236	0.016666667	26.8752000	0.0	2	2	1
##	3237	0.041198413	0.0000000	0.0	2	4	1
##	3238	0.200000000	0.0000000	0.4	1	1	1
##	3239	0.018181818	0.0000000	0.0	3	2	9
##	3240	0.025000000	0.0000000	0.0	2	2	3
##	3241	0.055555556	0.0000000	0.2	2	2	4
##	3242	0.019047619	0.0000000	0.0	2	2	2
##	3243	0.009929078	30.6662411	0.0	1	2	6
##	3244	0.066190476	0.0000000	0.0	3	2	1
##	3245	0.092857143	0.0000000	0.8	3	2	6
##	3246	0.006666667	0.0000000	0.0	2	2	1
##	3247	0.008888889	0.0000000	0.0	1	1	4
##	3248	0.037500000	0.0000000	0.0	2	2	5
##	3249	0.033333333	0.0000000	0.0	3	2	4
##	3250	0.033333333	0.0000000	0.4	1	1	1
##	3251	0.044642857	0.0000000	0.8	2	2	3
##	3252	0.027727273	0.0000000	0.8	4	2	3
##	3253	0.018181818	0.0000000	0.0	4	2	1
##	3254	0.037500000	0.0000000	0.0	1	1	3
##	3255	0.080000000	0.0000000	0.8	2	2	1
##	3256	0.028205128	0.0000000	0.8	1	1	1

##	3257	0.033333333	58.4880000	0.0	2	5	3
##	3258	0.015855776	2.3211011	1.0	2	2	5
##	3259	0.022222222	0.0000000	0.0	3	3	1
##	3260	0.009950860	0.0000000	0.2	2	10	4
##	3261	0.051515152	0.0000000	0.8	2	2	6
##	3262	0.028571429	58.7880000	0.2	2	2	3
##	3263	0.064680923	0.0000000	0.2	1	1	1
##	3264	0.037647059	0.0000000	0.0	2	2	1
##	3265	0.040000000	0.0000000	0.0	1	1	6
##	3266	0.025925926	0.0000000	0.0	3	2	1
##	3267	0.015384615	124.0320000	0.0	1	1	6
##	3268	0.005000000	0.0000000	0.0	3	2	4
##	3269	0.133333333	0.0000000	0.4	2	2	4
##	3270	0.022222222	18.6533333	0.0	2	2	8
##	3271	0.012156298	3.9764723	0.0	3	2	1
##	3272	0.012500000	0.0000000	0.0	2	10	1
##	3273	0.011688312	0.0000000	0.0	1	2	1
##	3274	0.008333333	0.0000000	1.0	1	8	1
##	3275	0.050000000	0.0000000	0.0	4	1	1
##	3276	0.028571429	0.0000000	0.0	4	1	2
##	3277	0.050000000	0.0000000	0.0	4	1	1
##	3278	0.030060764	0.0000000	0.0	3	2	3
##	3279	0.028125000	0.0000000	0.0	2	2	8
##	3280	0.200000000	0.0000000	0.6	2	2	1
##	3281	0.200000000	0.0000000	0.0	3	2	1
##	3282	0.005882353	0.0000000	0.0	2	2	6
##	3283	0.020000000	0.0000000	0.0	2	5	8
##	3284	0.012301587	7.0182000	0.0	3	2	7
##	3285	0.040625000	0.0000000	0.0	2	4	1
##	3286	0.004166667	0.0000000	0.6	2	5	1
##	3287	0.018181818	0.0000000	0.0	2	7	1
##	3288	0.009302326	63.3947442	0.0	2	5	3
##	3289	0.050000000	0.0000000	0.0	2	10	2
##	3290	0.020833333	165.6204667	0.0	1	1	8
##	3291	0.017619048	16.0710667	0.6	2	4	7
##	3292	0.040740741	0.0000000	0.0	3	2	3
##	3293	0.059393939	0.0000000	0.0	2	2	3
##	3294	0.100000000	0.0000000	0.0	1	1	2
##	3295	0.007962529	9.3803770	0.0	1	1	6
##	3296	0.009315376	0.0000000	0.0	1	1	2
##	3297	0.059220779	0.0000000	0.8	3	2	1
##	3298	0.005815392	5.4729746	0.0	1	1	6
##	3299	0.050000000	0.0000000	0.4	3	2	1
##	3300	0.019322034	0.0000000	0.2	2	2	2
##	3301	0.133333333	0.0000000	0.0	3	2	4
##	3302	0.080000000	0.0000000	0.0	2	2	4
##	3303	0.033333333	0.0000000	0.0	1	1	1
##	3304	0.012500000	0.0000000	1.0	2	2	1
##	3305	0.013333333	100.7776000	0.0	2	2	3
##	3306	0.025641026	0.0000000	0.0	1	1	1
##	3307	0.012500000	0.0000000	0.0	2	2	1
##	3308	0.039283154	0.0000000	1.0	2	2	2
##	3309	0.012068881	2.5540714	0.0	3	2	2
##	3310	0.003714286	14.7571048	0.0	1	1	1

## 3311	0.200000000	0.0000000	0.2	2	2	2
## 3312	0.033333333	0.0000000	0.0	1	1	4
## 3313	0.006250000	0.0000000	0.0	1	1	1
## 3314	0.009126984	0.0000000	0.6	8	5	1
## 3315	0.075000000	0.0000000	0.0	3	2	2
## 3316	0.009090909	0.0000000	0.0	3	2	1
## 3317	0.200000000	0.0000000	0.0	2	2	2
## 3318	0.040000000	0.0000000	0.6	2	2	1
## 3319	0.022949495	0.0000000	0.0	2	4	7
## 3320	0.018348148	16.1670133	0.0	2	2	6
## 3321	0.020512821	0.0000000	0.0	1	1	7
## 3322	0.026666667	0.0000000	0.0	1	1	4
## 3323	0.008333333	2.7058333	0.0	2	2	6
## 3324	0.035714286	0.0000000	0.0	2	2	4
## 3325	0.064705882	0.0000000	1.0	3	2	3
## 3326	0.033333333	0.0000000	0.8	2	2	1
## 3327	0.015555556	11.1918933	0.2	2	10	6
## 3328	0.050862069	8.3252069	0.0	2	2	4
## 3329	0.011764706	0.0000000	0.0	1	2	1
## 3330	0.027777778	56.3246667	0.0	2	2	1
## 3331	0.015384615	57.5889231	0.6	4	1	3
## 3332	0.073913043	0.0000000	0.6	2	2	1
## 3333	0.071428571	0.0000000	0.0	2	2	7
## 3334	0.010526316	0.0000000	0.0	2	2	6
## 3335	0.025000000	0.0000000	0.6	3	2	1
## 3336	0.070000000	0.0000000	0.0	1	1	1
## 3337	0.010000000	0.0000000	0.0	2	6	3
## 3338	0.037777778	0.0000000	0.0	3	2	8
## 3339	0.039726776	0.0000000	0.4	2	2	6
## 3340	0.016666667	0.0000000	0.0	1	1	1
## 3341	0.033333333	0.0000000	0.0	3	2	3
## 3342	0.022376543	10.0986222	0.0	2	2	3
## 3343	0.001851852	22.1288889	0.0	1	1	1
## 3344	0.080000000	0.0000000	0.4	2	5	6
## 3345	0.008333333	0.0000000	0.0	2	2	3
## 3346	0.004166667	0.0000000	0.8	2	2	1
## 3347	0.016624762	5.3448989	0.0	2	7	1
## 3348	0.026035354	6.1287875	0.0	2	2	5
## 3349	0.004000000	0.0000000	0.0	1	1	4
## 3350	0.034090909	0.0000000	0.8	2	4	1
## 3351	0.033333333	0.0000000	0.0	4	5	1
## 3352	0.027111111	15.3956000	0.0	1	1	3
## 3353	0.051225490	0.0000000	0.0	3	2	3
## 3354	0.014285714	11.1317143	0.0	3	2	1
## 3355	0.013068182	2.0990455	0.0	2	2	7
## 3356	0.036363636	0.0000000	0.0	2	2	4
## 3357	0.039029125	0.5461283	0.0	2	2	3
## 3358	0.066666667	0.0000000	1.0	2	2	2
## 3359	0.052076023	0.0000000	0.6	3	2	3
## 3360	0.006521739	0.0000000	0.0	2	2	2
## 3361	0.014285714	0.0000000	0.0	2	2	1
## 3362	0.020993117	0.2016637	1.0	2	2	3
## 3363	0.007815830	4.1876027	0.8	3	2	3
## 3364	0.013274933	0.0000000	0.2	1	1	1

##	3365	0.166666667	0.0000000	0.8	1	1	1
##	3366	0.080000000	0.0000000	0.6	1	1	1
##	3367	0.013043478	0.0000000	0.8	2	2	2
##	3368	0.086666667	0.0000000	0.8	2	2	1
##	3369	0.006666667	0.0000000	0.0	4	2	2
##	3370	0.011794872	28.2953846	1.0	2	2	1
##	3371	0.007668207	1.8093608	0.0	2	2	1
##	3372	0.013075397	6.2110947	0.0	2	2	1
##	3373	0.018181818	0.0000000	0.0	2	2	1
##	3374	0.019546851	0.0000000	0.4	1	2	2
##	3375	0.047395833	14.9925000	0.0	1	1	3
##	3376	0.006666667	0.0000000	0.4	2	2	1
##	3377	0.040000000	0.0000000	0.0	4	1	1
##	3378	0.033333333	0.0000000	0.8	4	1	9
##	3379	0.022549176	1.0897713	0.0	2	2	4
##	3380	0.006428571	11.2841143	0.0	2	2	3
##	3381	0.177777778	0.0000000	0.0	3	2	3
##	3382	0.045454545	0.0000000	0.0	2	2	4
##	3383	0.054358974	0.0000000	0.8	1	1	2
##	3384	0.030434783	0.0000000	0.0	2	2	1
##	3385	0.016666667	113.9800000	0.0	2	2	1
##	3386	0.050000000	0.0000000	0.0	3	2	1
##	3387	0.044223485	0.0000000	0.0	2	2	6
##	3388	0.200000000	0.0000000	0.6	3	2	3
##	3389	0.030060022	0.0000000	0.2	3	2	1
##	3390	0.068170426	0.0000000	0.0	2	2	6
##	3391	0.009657738	0.0000000	0.0	1	1	1
##	3392	0.011750000	23.5144000	0.0	2	4	7
##	3393	0.029000000	0.0000000	0.0	2	2	1
##	3394	0.006666667	0.0000000	0.0	2	2	9
##	3395	0.100000000	0.0000000	0.2	2	2	6
##	3396	0.091666667	0.0000000	0.4	7	1	6
##	3397	0.066666667	0.0000000	0.0	4	2	1
##	3398	0.008595388	0.0000000	0.0	1	1	1
##	3399	0.050303030	16.1970000	0.0	2	2	6
##	3400	0.041538462	0.0000000	0.0	1	1	7
##	3401	0.030000000	0.0000000	0.6	2	2	1
##	3402	0.028571429	0.0000000	0.0	3	2	3
##	3403	0.007269504	0.2551915	0.0	2	2	7
##	3404	0.120000000	0.0000000	0.0	1	1	1
##	3405	0.038816034	0.0000000	1.0	2	2	3
##	3406	0.068750000	0.0000000	0.8	2	2	1
##	3407	0.040000000	0.0000000	0.0	1	1	3
##	3408	0.045454545	0.0000000	0.0	6	2	2
##	3409	0.080000000	0.0000000	0.0	3	2	3
##	3410	0.031481481	0.0000000	0.0	3	2	8
##	3411	0.100510511	0.0000000	0.8	3	2	7
##	3412	0.160000000	0.0000000	0.6	2	5	1
##	3413	0.068285714	0.0000000	0.4	2	2	1
##	3414	0.019576720	12.4550000	0.0	2	2	3
##	3415	0.200000000	0.0000000	0.6	3	2	1
##	3416	0.051333333	0.0000000	0.0	3	2	3
##	3417	0.035057471	0.0000000	0.0	2	4	3
##	3418	0.002222222	30.4615873	0.0	2	2	9

##	3419	0.043055556	0.0000000	1.0	1	1	7
##	3420	0.100000000	0.0000000	0.6	2	2	4
##	3421	0.010000000	0.0000000	0.0	2	2	1
##	3422	0.080000000	0.0000000	0.0	2	2	6
##	3423	0.200000000	0.0000000	0.0	2	2	1
##	3424	0.024390244	0.0000000	0.0	2	2	8
##	3425	0.050000000	0.0000000	0.0	2	2	1
##	3426	0.003921569	0.0000000	0.0	2	5	9
##	3427	0.028571429	0.0000000	0.0	2	4	4
##	3428	0.015506059	0.0000000	0.6	3	2	9
##	3429	0.060000000	0.0000000	0.6	2	2	1
##	3430	0.011965812	0.0000000	0.0	4	2	3
##	3431	0.005128205	0.0000000	0.4	2	4	1
##	3432	0.019207792	7.4358667	0.0	1	2	1
##	3433	0.044444444	0.0000000	0.0	3	2	8
##	3434	0.065873016	0.0000000	0.4	2	4	1
##	3435	0.200000000	0.0000000	0.6	2	4	7
##	3436	0.012500000	0.0000000	0.0	1	8	4
##	3437	0.005555556	0.0000000	0.0	2	2	7
##	3438	0.005000000	49.3886000	0.6	2	4	2
##	3439	0.031578947	0.0000000	0.2	2	2	1
##	3440	0.200000000	0.0000000	0.6	3	2	1
##	3441	0.025355418	24.7266184	0.6	3	2	1
##	3442	0.002380952	0.0000000	1.0	3	2	1
##	3443	0.014285714	0.0000000	0.0	3	3	8
##	3444	0.036363636	0.0000000	0.0	2	2	1
##	3445	0.005750251	0.0000000	0.8	1	1	3
##	3446	0.080000000	0.0000000	0.6	2	2	1
##	3447	0.058000000	0.0000000	0.0	3	2	1
##	3448	0.055319149	0.0000000	0.0	3	2	3
##	3449	0.025757576	0.0000000	0.0	1	2	2
##	3450	0.016973138	0.0000000	0.0	1	1	1
##	3451	0.003466667	0.0000000	0.8	2	2	1
##	3452	0.087500000	0.0000000	0.4	3	2	1
##	3453	0.019623016	11.3767868	0.0	2	2	4
##	3454	0.033333333	0.0000000	0.0	3	2	3
##	3455	0.037500000	19.2362500	0.8	3	2	2
##	3456	0.035119048	0.0000000	0.0	2	2	4
##	3457	0.016666667	0.0000000	0.0	3	2	1
##	3458	0.030769231	0.0000000	0.0	2	10	2
##	3459	0.075000000	0.0000000	0.6	3	2	6
##	3460	0.004756098	3.2003049	0.0	4	1	7
##	3461	0.020275689	0.0000000	0.6	3	2	1
##	3462	0.009019608	30.0128824	0.0	2	2	4
##	3463	0.083333333	0.0000000	0.6	1	1	7
##	3464	0.033333333	53.9880000	0.0	2	5	3
##	3465	0.003921569	0.0000000	0.0	2	2	7
##	3466	0.015476190	3.3568929	0.0	3	2	9
##	3467	0.028765432	0.0000000	0.6	3	2	3
##	3468	0.007692308	0.0000000	0.0	2	2	3
##	3469	0.083333333	0.0000000	0.0	2	2	1
##	3470	0.075000000	0.0000000	0.0	1	1	2
##	3471	0.046153846	0.0000000	0.2	2	2	5
##	3472	0.200000000	0.0000000	0.0	2	2	1

## 3473	0.028260870	22.2993913	0.0	2	2	6
## 3474	0.007306262	27.4320951	0.0	4	1	3
## 3475	0.025000000	35.0910000	0.0	2	4	1
## 3476	0.014944594	0.0000000	0.0	2	2	1
## 3477	0.066666667	0.0000000	0.0	4	1	1
## 3478	0.035000000	24.3401667	0.0	2	2	1
## 3479	0.010526316	254.6071579	0.0	2	5	1
## 3480	0.013333333	8.1816000	0.0	2	2	1
## 3481	0.030392157	0.0000000	0.0	2	2	7
## 3482	0.014500000	0.0000000	0.0	3	2	8
## 3483	0.072549020	0.0000000	0.0	4	1	1
## 3484	0.004500000	0.0000000	0.0	3	3	2
## 3485	0.045679012	13.3259259	0.0	2	2	3
## 3486	0.003506944	10.1227500	0.0	1	1	2
## 3487	0.009090909	30.5263636	0.0	2	2	6
## 3488	0.085714286	0.0000000	1.0	2	2	1
## 3489	0.100000000	0.0000000	0.0	2	2	1
## 3490	0.020833333	31.9038750	0.6	4	1	1
## 3491	0.022124542	0.0000000	0.0	3	2	3
## 3492	0.015873016	52.0834286	0.0	2	4	1
## 3493	0.050000000	0.0000000	0.0	1	1	4
## 3494	0.023728814	23.8762910	0.0	2	2	9
## 3495	0.091555556	0.0000000	0.6	3	2	1
## 3496	0.025000000	53.9880000	0.0	1	1	1
## 3497	0.028571429	0.0000000	0.0	2	2	1
## 3498	0.020192308	8.5452500	0.0	1	1	2
## 3499	0.108333333	0.0000000	0.6	1	1	2
## 3500	0.071264368	0.0000000	0.6	3	2	2
## 3501	0.007571185	7.2046137	0.0	2	10	6
## 3502	0.032142857	0.0000000	0.0	2	6	1
## 3503	0.028571429	0.0000000	0.0	3	2	1
## 3504	0.069333333	0.0000000	0.4	2	2	1
## 3505	0.004081633	0.0000000	0.0	2	2	1
## 3506	0.090909091	0.0000000	0.4	1	1	1
## 3507	0.031944444	0.0000000	0.0	2	2	5
## 3508	0.122222222	0.0000000	0.2	3	2	2
## 3509	0.100000000	0.0000000	0.0	2	2	3
## 3510	0.061538462	0.0000000	0.0	2	2	8
## 3511	0.008659512	9.0130114	0.0	2	2	1
## 3512	0.005714286	0.0000000	0.0	2	2	5
## 3513	0.025000000	0.0000000	0.0	2	2	3
## 3514	0.026315789	0.0000000	0.0	1	1	2
## 3515	0.066666667	0.0000000	0.0	2	2	7
## 3516	0.200000000	0.0000000	0.0	1	1	7
## 3517	0.040000000	0.0000000	0.0	3	2	1
## 3518	0.084615385	0.0000000	0.6	1	1	4
## 3519	0.110000000	0.0000000	0.6	3	2	1
## 3520	0.034117647	0.0000000	0.0	2	2	3
## 3521	0.052525253	0.0000000	0.0	3	2	3
## 3522	0.014285714	0.0000000	0.2	1	1	1
## 3523	0.035555556	0.0000000	0.4	1	1	1
## 3524	0.019298246	0.0000000	0.6	2	2	6
## 3525	0.065148810	0.0000000	0.8	2	2	1
## 3526	0.029411765	0.0000000	1.0	2	2	1

##	3527	0.025536616	0.0000000	0.6	3	2	1
##	3528	0.022222222	0.0000000	0.0	2	7	2
##	3529	0.037962963	0.0000000	0.2	2	2	7
##	3530	0.012820513	56.3588461	0.0	4	2	1
##	3531	0.003448276	54.2180690	0.0	2	2	1
##	3532	0.046190476	0.0000000	0.8	2	4	7
##	3533	0.019576720	0.0000000	0.0	2	2	1
##	3534	0.018181818	0.0000000	0.0	2	2	1
##	3535	0.006000000	0.0000000	0.8	2	10	1
##	3536	0.005555556	0.0000000	0.6	1	1	1
##	3537	0.023076923	9.6410769	0.4	2	2	8
##	3538	0.050000000	0.0000000	0.0	3	2	3
##	3539	0.051215278	0.0000000	0.6	3	2	1
##	3540	0.027327327	4.1488784	0.0	2	2	7
##	3541	0.006666667	0.0000000	0.6	2	2	1
##	3542	0.011111111	0.0000000	0.0	1	1	1
##	3543	0.010000000	20.0031000	0.0	2	2	1
##	3544	0.200000000	0.0000000	0.6	2	2	7
##	3545	0.015277778	0.0000000	0.0	2	2	1
##	3546	0.200000000	0.0000000	0.0	1	1	9
##	3547	0.022222222	0.0000000	0.0	1	1	1
##	3548	0.020000000	0.0000000	0.0	2	2	6
##	3549	0.020120574	7.7935286	0.0	2	2	3
##	3550	0.005000000	0.0000000	0.0	2	4	4
##	3551	0.001680672	42.4191429	0.0	2	2	2
##	3552	0.037037037	0.0000000	1.0	3	2	6
##	3553	0.047660099	0.0000000	0.0	1	2	1
##	3554	0.148917749	0.0000000	0.0	3	2	1
##	3555	0.150000000	0.0000000	0.6	2	2	1
##	3556	0.042857143	0.0000000	0.0	2	2	3
##	3557	0.133333333	0.0000000	1.0	3	2	3
##	3558	0.092142857	0.0000000	0.0	3	2	1
##	3559	0.022222222	0.0000000	0.2	2	2	1
##	3560	0.019605911	0.0000000	0.0	2	2	4
##	3561	0.060000000	0.0000000	0.8	2	4	3
##	3562	0.027407407	36.5158148	0.0	1	1	1
##	3563	0.083333333	0.0000000	0.6	3	3	3
##	3564	0.040000000	0.0000000	0.0	2	5	4
##	3565	0.031250162	0.0000000	0.8	3	2	6
##	3566	0.063636364	0.0000000	0.0	2	2	3
##	3567	0.012500000	0.0000000	0.0	2	4	1
##	3568	0.022868217	4.2473721	0.0	2	5	1
##	3569	0.016666667	0.0000000	0.2	2	2	6
##	3570	0.067857143	0.0000000	0.0	4	1	3
##	3571	0.088888889	0.0000000	0.0	1	1	3
##	3572	0.030000000	0.0000000	0.0	2	2	9
##	3573	0.040000000	0.0000000	0.6	2	2	3
##	3574	0.026060606	0.0000000	1.0	2	2	4
##	3575	0.001904762	0.0000000	0.0	2	2	8
##	3576	0.072222222	0.0000000	0.0	4	1	1
##	3577	0.004054054	80.5873378	0.0	2	4	1
##	3578	0.007692308	0.0000000	0.0	2	5	3
##	3579	0.024542230	2.2272787	0.8	3	2	1
##	3580	0.200000000	0.0000000	0.0	2	2	6

## 3581	0.066666667	0.0000000	0.0	2	2	4
## 3582	0.033333333	0.0000000	0.0	2	2	9
## 3583	0.022222222	44.9900000	0.0	3	2	2
## 3584	0.006666667	0.0000000	0.0	1	1	1
## 3585	0.044749710	2.3414197	0.0	3	2	3
## 3586	0.175000000	0.0000000	0.8	2	2	4
## 3587	0.028070175	0.0000000	0.8	2	2	1
## 3588	0.018421053	0.0000000	0.0	2	2	3
## 3589	0.002272727	0.0000000	0.0	2	4	1
## 3590	0.067647059	0.0000000	0.4	1	1	4
## 3591	0.029549127	0.0000000	1.0	2	2	7
## 3592	0.052941176	0.0000000	0.8	2	2	2
## 3593	0.010000000	0.0000000	0.0	2	7	1
## 3594	0.125000000	0.0000000	0.8	3	2	1
## 3595	0.013076923	15.4004231	0.0	1	1	7
## 3596	0.016666667	0.0000000	0.0	2	2	7
## 3597	0.014814815	0.0000000	0.0	4	1	1
## 3598	0.200000000	0.0000000	0.2	2	2	1
## 3599	0.068253968	0.0000000	0.0	2	5	1
## 3600	0.050000000	0.0000000	0.0	2	6	3
## 3601	0.050000000	0.0000000	0.6	2	2	1
## 3602	0.033333333	0.0000000	0.0	3	2	4
## 3603	0.020175439	0.0000000	0.0	2	4	3
## 3604	0.095238095	0.0000000	0.0	2	2	1
## 3605	0.100000000	0.0000000	0.0	2	2	1
## 3606	0.007277211	0.0000000	0.0	2	2	1
## 3607	0.031250000	0.0000000	0.0	3	2	5
## 3608	0.036309524	0.0000000	0.6	3	2	1
## 3609	0.066666667	0.0000000	0.0	3	2	4
## 3610	0.100000000	0.0000000	0.0	1	1	3
## 3611	0.039583333	43.9900000	0.0	2	2	3
## 3612	0.002105263	0.0000000	0.0	3	2	1
## 3613	0.057142857	0.0000000	0.0	4	2	3
## 3614	0.002631579	0.0000000	0.0	2	2	2
## 3615	0.058222222	0.0000000	0.0	2	2	1
## 3616	0.085714286	0.0000000	1.0	2	2	7
## 3617	0.121212121	0.0000000	0.8	2	2	7
## 3618	0.150000000	0.0000000	0.0	3	2	1
## 3619	0.133333333	0.0000000	1.0	1	1	4
## 3620	0.100000000	0.0000000	0.8	2	2	1
## 3621	0.013768116	0.0000000	0.0	2	2	3
## 3622	0.080769231	0.0000000	0.8	2	2	1
## 3623	0.009523810	10.5180952	0.0	2	2	7
## 3624	0.200000000	0.0000000	0.0	2	2	6
## 3625	0.003278689	0.0000000	0.2	2	2	3
## 3626	0.057142857	0.0000000	0.6	2	2	1
## 3627	0.011984127	13.0915464	0.0	2	2	2
## 3628	0.051764706	0.0000000	0.0	1	4	2
## 3629	0.009756098	0.0000000	0.0	3	2	1
## 3630	0.116666667	0.0000000	0.4	3	2	3
## 3631	0.016744186	12.7314419	0.0	4	1	8
## 3632	0.024698413	0.0000000	0.6	1	1	3
## 3633	0.014022989	5.0781149	0.0	1	2	3
## 3634	0.166666667	0.0000000	0.6	2	2	1

## 3635	0.029591837	10.9870714	0.0	1	1	3
## 3636	0.009603919	1.4184404	0.4	2	7	7
## 3637	0.022222222	0.0000000	0.0	2	4	4
## 3638	0.031075269	0.0000000	0.0	3	2	2
## 3639	0.114285714	0.0000000	0.4	3	2	4
## 3640	0.133333333	0.0000000	0.6	2	2	1
## 3641	0.075000000	0.0000000	0.0	2	5	3
## 3642	0.007142857	0.0000000	0.0	2	10	2
## 3643	0.016666667	0.0000000	0.0	2	4	3
## 3644	0.033333333	0.0000000	0.0	2	2	6
## 3645	0.070238095	0.0000000	0.0	3	2	2
## 3646	0.037500000	0.0000000	0.0	1	2	2
## 3647	0.025141243	0.0000000	0.6	2	4	3
## 3648	0.014285714	0.0000000	0.0	3	2	6
## 3649	0.016666667	14.9833333	0.4	4	1	2
## 3650	0.007674572	5.7440580	0.0	3	2	1
## 3651	0.026984127	0.0000000	0.0	1	1	1
## 3652	0.044444444	0.0000000	0.6	1	1	6
## 3653	0.066666667	0.0000000	0.0	3	2	2
## 3654	0.007142857	0.0000000	0.0	2	4	2
## 3655	0.011326165	0.0000000	0.0	1	1	1
## 3656	0.050000000	0.0000000	0.4	2	4	2
## 3657	0.066233766	0.0000000	1.0	2	10	1
## 3658	0.011764706	0.0000000	0.0	2	4	2
## 3659	0.040000000	0.0000000	0.2	3	2	2
## 3660	0.043948052	8.5671429	0.0	2	6	6
## 3661	0.025000000	50.9925000	0.0	2	2	1
## 3662	0.038095238	0.0000000	0.0	2	2	6
## 3663	0.033742690	0.0000000	0.2	1	1	3
## 3664	0.008333333	0.0000000	0.0	2	2	1
## 3665	0.035000000	0.0000000	0.0	3	2	1
## 3666	0.045170068	11.1573429	0.0	2	2	3
## 3667	0.029230769	0.0000000	0.0	3	2	4
## 3668	0.050000000	0.0000000	0.0	2	2	6
## 3669	0.055555556	0.0000000	1.0	2	4	2
## 3670	0.046262626	0.0000000	0.8	2	5	2
## 3671	0.023117504	0.0000000	0.0	1	1	5
## 3672	0.072727273	0.0000000	0.8	1	1	1
## 3673	0.023333333	0.0000000	1.0	3	2	3
## 3674	0.050000000	0.0000000	0.6	2	2	6
## 3675	0.015053763	0.0000000	0.0	3	2	7
## 3676	0.107142857	0.0000000	0.8	2	4	5
## 3677	0.018859649	0.0000000	0.0	2	2	2
## 3678	0.004166667	0.0000000	0.0	2	10	6
## 3679	0.033684211	0.0000000	0.0	2	2	1
## 3680	0.040625000	0.0000000	0.0	2	6	1
## 3681	0.077777778	0.0000000	0.0	2	4	2
## 3682	0.057619048	0.0000000	0.0	2	2	7
## 3683	0.019540230	0.0000000	0.0	3	2	1
## 3684	0.061904762	0.0000000	0.0	1	1	1
## 3685	0.040476190	0.0000000	0.6	3	2	8
## 3686	0.006250000	0.0000000	0.0	2	2	3
## 3687	0.011428571	92.8385714	0.0	3	2	1
## 3688	0.071428571	0.0000000	0.8	1	1	1

## 3689	0.121428571	0.0000000	0.6	3	2	1
## 3690	0.021263103	0.0000000	0.0	2	2	8
## 3691	0.010526316	0.0000000	0.0	2	2	6
## 3692	0.133333333	0.0000000	0.6	1	8	4
## 3693	0.033333333	0.0000000	0.0	2	2	1
## 3694	0.036274510	0.0000000	0.0	3	2	2
## 3695	0.038958835	8.0887500	0.0	2	2	3
## 3696	0.005555556	0.0000000	0.0	2	2	5
## 3697	0.018750000	0.0000000	0.8	2	5	1
## 3698	0.019066142	16.4236325	0.0	1	1	1
## 3699	0.007692308	0.0000000	0.0	2	2	7
## 3700	0.007881773	0.0000000	0.0	2	6	1
## 3701	0.200000000	0.0000000	0.0	2	4	1
## 3702	0.033333333	0.0000000	0.0	2	4	1
## 3703	0.012291667	0.0000000	0.0	1	1	6
## 3704	0.021052632	0.0000000	1.0	3	2	3
## 3705	0.005893497	0.0000000	0.0	2	2	1
## 3706	0.068115942	0.0000000	0.0	2	4	3
## 3707	0.109523810	0.0000000	0.0	3	3	9
## 3708	0.100000000	0.0000000	0.4	1	1	1
## 3709	0.057142857	0.0000000	0.0	4	1	3
## 3710	0.010752688	37.6093548	0.0	2	2	1
## 3711	0.011118588	10.8018872	0.0	4	1	2
## 3712	0.100000000	0.0000000	0.0	1	8	3
## 3713	0.042083333	12.6534375	0.0	3	2	3
## 3714	0.022549020	19.1127451	0.0	2	2	6
## 3715	0.026938057	0.0000000	0.8	2	2	7
## 3716	0.066666667	0.0000000	0.0	2	2	4
## 3717	0.028205128	0.0000000	0.0	3	2	6
## 3718	0.028571429	16.7065714	0.0	2	2	3
## 3719	0.013043478	0.0000000	0.0	2	2	4
## 3720	0.026388889	0.0000000	0.4	2	4	2
## 3721	0.180000000	0.0000000	0.4	1	2	2
## 3722	0.025000000	0.0000000	0.8	1	2	3
## 3723	0.050000000	0.0000000	0.0	3	3	3
## 3724	0.014285714	59.9880000	0.0	2	2	1
## 3725	0.020652174	7.0914783	0.0	3	2	3
## 3726	0.022222222	0.0000000	0.2	2	2	1
## 3727	0.017482517	0.0000000	0.0	2	6	2
## 3728	0.004266667	0.0000000	0.0	3	3	1
## 3729	0.200000000	0.0000000	0.0	3	2	1
## 3730	0.092857143	0.0000000	0.0	2	4	2
## 3731	0.157142857	0.0000000	0.6	3	2	1
## 3732	0.012500000	0.0000000	0.0	3	2	6
## 3733	0.057142857	0.0000000	0.0	1	1	1
## 3734	0.013428813	14.7591159	0.0	2	2	5
## 3735	0.073333333	0.0000000	0.0	3	2	1
## 3736	0.033333333	0.0000000	0.0	2	2	1
## 3737	0.040000000	0.0000000	0.0	2	2	1
## 3738	0.059523810	0.0000000	0.8	3	2	1
## 3739	0.057142857	0.0000000	0.0	1	1	6
## 3740	0.074074074	0.0000000	0.4	3	2	2
## 3741	0.013931624	0.0000000	0.2	1	1	3
## 3742	0.013333333	0.0000000	0.0	1	1	1

## 3743	0.018181818	72.7880000	0.4	1	1	1
## 3744	0.100000000	0.0000000	0.0	2	2	3
## 3745	0.014285714	14.5542857	0.0	2	2	3
## 3746	0.014285714	0.0000000	0.0	3	2	1
## 3747	0.030226481	11.1926341	0.0	1	1	1
## 3748	0.013333333	0.0000000	0.0	3	2	7
## 3749	0.038405797	0.0000000	0.0	3	2	4
## 3750	0.038333333	0.0000000	0.6	2	4	1
## 3751	0.011320755	0.0000000	0.0	2	2	4
## 3752	0.022025900	0.0000000	0.4	2	2	3
## 3753	0.059095640	2.3949180	0.0	2	2	6
## 3754	0.032291667	0.0000000	0.0	2	2	4
## 3755	0.027083333	0.0000000	0.8	2	2	3
## 3756	0.016000000	0.0000000	0.0	1	1	1
## 3757	0.002597403	13.3633247	0.0	3	2	6
## 3758	0.015649351	27.7134000	0.0	3	2	1
## 3759	0.050000000	0.0000000	0.6	2	4	1
## 3760	0.005858586	0.0000000	0.0	2	2	2
## 3761	0.017391304	64.3304348	0.0	2	2	9
## 3762	0.154761905	0.0000000	0.8	3	2	7
## 3763	0.012612613	102.3538378	0.0	2	5	7
## 3764	0.040000000	0.0000000	0.0	2	2	3
## 3765	0.070833333	0.0000000	0.6	3	2	1
## 3766	0.022222222	0.0000000	0.0	1	1	1
## 3767	0.012500000	0.0000000	0.0	3	2	4
## 3768	0.001234568	0.0000000	0.0	1	1	3
## 3769	0.007142857	0.0000000	0.0	2	2	1
## 3770	0.014285714	0.0000000	0.0	2	4	1
## 3771	0.018181818	100.0963636	0.0	2	2	1
## 3772	0.025308642	0.0000000	0.6	1	8	3
## 3773	0.018750000	0.0000000	0.0	2	2	1
## 3774	0.045438596	0.0000000	0.8	3	2	8
## 3775	0.029629630	0.0000000	0.0	2	4	3
## 3776	0.022295918	0.0000000	0.8	4	1	1
## 3777	0.022222222	0.0000000	0.0	2	2	1
## 3778	0.004545455	0.0000000	0.0	2	5	1
## 3779	0.037500000	0.0000000	0.0	2	4	4
## 3780	0.001470588	0.0000000	0.0	2	2	7
## 3781	0.006451613	0.0000000	0.0	2	2	9
## 3782	0.057142857	0.0000000	0.0	2	4	3
## 3783	0.039814815	0.0000000	0.8	2	2	4
## 3784	0.066666667	0.0000000	0.0	2	2	1
## 3785	0.050000000	0.0000000	0.0	1	1	6
## 3786	0.018750000	0.0000000	0.2	1	8	3
## 3787	0.050000000	0.0000000	0.0	2	2	4
## 3788	0.041898148	0.0000000	1.0	3	2	3
## 3789	0.025000000	0.0000000	0.0	1	1	4
## 3790	0.085714286	0.0000000	0.6	2	2	3
## 3791	0.100000000	0.0000000	0.4	4	1	4
## 3792	0.022947455	13.4024759	0.0	2	2	1
## 3793	0.045198413	18.6633333	0.0	3	2	4
## 3794	0.022727273	0.0000000	0.6	3	2	1
## 3795	0.028576998	8.9035579	0.0	2	2	3
## 3796	0.005789474	0.0000000	1.0	1	8	1

## 3797	0.183333333	0.0000000	0.6	2	2	3
## 3798	0.030172414	0.0000000	0.0	4	2	3
## 3799	0.019159146	9.1397608	0.0	2	2	1
## 3800	0.200000000	0.0000000	0.0	2	2	6
## 3801	0.012500000	0.0000000	0.0	2	2	3
## 3802	0.072222222	0.0000000	0.0	1	1	8
## 3803	0.024074074	0.0000000	0.8	2	6	1
## 3804	0.076470588	0.0000000	0.8	2	2	1
## 3805	0.034935897	0.0000000	0.0	2	7	1
## 3806	0.040000000	0.0000000	0.0	2	4	3
## 3807	0.100000000	0.0000000	0.0	1	1	1
## 3808	0.018798094	0.0000000	0.8	2	2	4
## 3809	0.025918367	5.4795323	0.6	4	2	8
## 3810	0.005026455	31.3188571	0.0	2	2	6
## 3811	0.005882353	0.0000000	0.0	2	5	2
## 3812	0.042857143	0.0000000	0.2	3	2	1
## 3813	0.031388889	0.0000000	0.0	4	1	4
## 3814	0.008746356	0.0000000	0.2	2	2	3
## 3815	0.013333333	19.7853333	0.0	3	2	4
## 3816	0.200000000	0.0000000	0.8	4	1	1
## 3817	0.063214286	0.0000000	0.8	2	4	3
## 3818	0.016722783	7.1081481	0.0	2	2	3
## 3819	0.009523810	0.0000000	0.0	1	1	1
## 3820	0.039042146	0.0000000	1.0	2	2	3
## 3821	0.025444444	0.0000000	0.6	2	2	6
## 3822	0.015196078	9.8776471	0.0	2	4	3
## 3823	0.030000000	0.0000000	0.0	1	1	6
## 3824	0.005000000	0.0000000	0.0	2	2	2
## 3825	0.016666667	0.0000000	0.8	2	2	3
## 3826	0.030146368	6.1476338	0.0	3	2	3
## 3827	0.041944444	0.0000000	0.4	2	4	7
## 3828	0.013043478	4.4303478	0.2	2	6	2
## 3829	0.045000000	0.0000000	0.0	1	1	1
## 3830	0.030795428	12.4403075	0.0	2	4	4
## 3831	0.069892473	0.0000000	0.6	1	1	1
## 3832	0.046875000	0.0000000	0.0	1	1	1
## 3833	0.033333333	0.0000000	0.0	2	10	5
## 3834	0.033760684	5.6895541	0.0	2	2	1
## 3835	0.024751180	2.3231622	0.2	3	2	1
## 3836	0.037500000	0.0000000	0.4	2	2	3
## 3837	0.006976744	0.0000000	0.8	2	6	1
## 3838	0.075000000	0.0000000	0.0	4	1	3
## 3839	0.011470588	0.0000000	0.0	2	2	1
## 3840	0.008333333	45.6125000	0.0	3	2	7
## 3841	0.016080586	3.9260141	0.0	3	2	6
## 3842	0.012246300	1.7868191	0.0	2	2	3
## 3843	0.019247312	8.1261935	0.0	2	2	1
## 3844	0.011111111	115.9800000	0.0	2	2	6
## 3845	0.016666667	0.0000000	0.0	1	1	7
## 3846	0.133333333	0.0000000	0.0	3	2	1
## 3847	0.040740741	0.0000000	0.0	1	1	5
## 3848	0.038095238	0.0000000	0.0	1	1	3
## 3849	0.078571429	0.0000000	0.8	2	6	1
## 3850	0.018181818	0.0000000	0.0	1	1	4

## 3851	0.007758621	0.0000000	0.0	2	6	2
## 3852	0.072727273	0.0000000	0.8	2	2	1
## 3853	0.025000000	0.0000000	0.0	2	2	3
## 3854	0.200000000	0.0000000	0.0	3	2	6
## 3855	0.012500000	0.0000000	0.0	1	1	5
## 3856	0.037500000	0.0000000	0.0	4	1	7
## 3857	0.029074729	2.9922678	1.0	2	2	6
## 3858	0.200000000	0.0000000	0.0	1	1	4
## 3859	0.042857143	0.0000000	0.4	2	2	4
## 3860	0.026415094	0.0000000	0.4	2	2	3
## 3861	0.006415344	0.0000000	0.0	1	1	1
## 3862	0.015775776	2.7974147	0.4	2	2	8
## 3863	0.018068783	0.0000000	1.0	1	1	7
## 3864	0.023611111	0.0000000	0.0	2	10	6
## 3865	0.006451613	42.9561290	0.0	2	2	1
## 3866	0.055555556	0.0000000	0.0	2	2	4
## 3867	0.021451247	0.0000000	0.0	2	2	5
## 3868	0.007692308	4.2728077	0.0	2	2	1
## 3869	0.016621682	2.7904737	0.0	2	2	5
## 3870	0.111111111	0.0000000	0.0	1	2	1
## 3871	0.080000000	0.0000000	1.0	2	2	3
## 3872	0.100000000	0.0000000	0.8	1	1	4
## 3873	0.033333333	0.0000000	0.0	2	2	3
## 3874	0.029851908	12.7624313	1.0	2	2	2
## 3875	0.015404896	0.0000000	0.4	2	2	8
## 3876	0.097777778	0.0000000	0.8	3	2	3
## 3877	0.200000000	0.0000000	0.0	1	1	4
## 3878	0.050000000	0.0000000	0.0	3	2	1
## 3879	0.015384615	31.7584615	0.0	2	2	9
## 3880	0.007142857	0.0000000	0.8	2	2	1
## 3881	0.035239899	0.0000000	0.0	2	2	4
## 3882	0.009577934	0.0000000	0.0	4	2	3
## 3883	0.004545455	0.0000000	0.0	1	2	3
## 3884	0.010000000	0.0000000	0.0	1	1	1
## 3885	0.166666667	0.0000000	1.0	3	2	1
## 3886	0.039560440	0.0000000	0.8	2	2	4
## 3887	0.023076923	0.0000000	0.0	2	4	3
## 3888	0.100000000	0.0000000	0.0	2	5	1
## 3889	0.007142857	42.8905714	0.0	2	2	1
## 3890	0.057142857	0.0000000	0.0	2	2	1
## 3891	0.024358974	0.0000000	0.0	2	4	1
## 3892	0.006382979	107.2170213	0.0	2	2	2
## 3893	0.200000000	0.0000000	0.0	2	2	3
## 3894	0.052000000	0.0000000	0.0	2	2	1
## 3895	0.100000000	0.0000000	0.0	1	1	6
## 3896	0.022222222	40.4337778	0.0	2	2	1
## 3897	0.024214286	0.0000000	0.0	1	1	3
## 3898	0.016825397	0.0000000	0.0	1	1	1
## 3899	0.200000000	0.0000000	0.0	2	2	3
## 3900	0.007666667	37.6992000	0.0	1	1	1
## 3901	0.200000000	0.0000000	0.0	2	2	6
## 3902	0.040833333	0.0000000	0.0	1	1	2
## 3903	0.014285714	21.5880000	0.8	2	2	9
## 3904	0.066666667	0.0000000	0.0	1	1	6

## 3905	0.022222222	0.0000000	0.0	2	2	8
## 3906	0.020140056	0.0000000	0.0	2	2	1
## 3907	0.033333333	0.0000000	0.0	2	4	6
## 3908	0.058333333	0.0000000	0.4	2	2	1
## 3909	0.020000000	0.0000000	0.0	2	2	1
## 3910	0.074285714	0.0000000	0.0	2	4	7
## 3911	0.008090118	30.8092796	0.6	2	2	3
## 3912	0.018390805	17.2487011	0.0	2	2	2
## 3913	0.123809524	0.0000000	0.4	1	1	4
## 3914	0.001111111	48.8680000	0.0	1	1	8
## 3915	0.025000000	0.0000000	0.4	2	2	9
## 3916	0.022222222	0.0000000	0.6	1	1	1
## 3917	0.045454545	0.0000000	0.2	2	2	2
## 3918	0.063333333	0.0000000	0.6	2	2	1
## 3919	0.083333333	0.0000000	0.6	2	2	7
## 3920	0.026666667	0.0000000	0.2	2	2	1
## 3921	0.011494253	0.0000000	0.0	2	2	4
## 3922	0.020000000	0.0000000	0.0	3	2	2
## 3923	0.022222222	47.6556667	0.0	2	5	1
## 3924	0.045684431	0.0000000	0.0	2	2	7
## 3925	0.012500000	0.0000000	0.4	2	2	3
## 3926	0.021929825	0.0000000	0.0	2	2	5
## 3927	0.075000000	0.0000000	0.6	2	2	4
## 3928	0.088888889	0.0000000	0.0	2	2	3
## 3929	0.200000000	0.0000000	0.0	2	2	4
## 3930	0.155555556	0.0000000	0.0	1	1	4
## 3931	0.069444444	0.0000000	0.8	2	2	2
## 3932	0.021247740	0.0000000	0.8	3	2	1
## 3933	0.014285714	0.0000000	0.0	2	4	2
## 3934	0.044736842	0.0000000	0.8	2	2	1
## 3935	0.009572650	0.0000000	0.0	2	2	1
## 3936	0.010000000	0.0000000	0.2	2	2	4
## 3937	0.200000000	0.0000000	0.0	1	1	6
## 3938	0.020724638	0.0000000	0.0	2	5	1
## 3939	0.033333333	0.0000000	0.0	2	4	6
## 3940	0.025000000	0.0000000	0.0	1	1	3
## 3941	0.100000000	0.0000000	1.0	2	2	7
## 3942	0.010256410	0.0000000	0.6	1	2	1
## 3943	0.010061728	0.0000000	0.0	2	2	3
## 3944	0.022222222	0.0000000	0.0	1	1	8
## 3945	0.008912530	0.0000000	0.8	2	2	4
## 3946	0.066666667	0.0000000	0.2	1	1	3
## 3947	0.015384615	98.1369231	0.0	2	4	6
## 3948	0.100000000	0.0000000	0.0	2	2	2
## 3949	0.010526316	0.0000000	0.0	2	2	9
## 3950	0.028571429	53.9880000	0.0	2	2	2
## 3951	0.008695652	53.9880000	0.0	2	2	1
## 3952	0.013968254	10.4853333	0.0	2	2	2
## 3953	0.100000000	0.0000000	0.6	2	10	3
## 3954	0.036974790	0.0000000	0.0	2	4	3
## 3955	0.100000000	0.0000000	0.4	2	2	1
## 3956	0.087878788	8.3978182	0.0	2	2	1
## 3957	0.008333333	107.9400000	0.0	2	2	6
## 3958	0.020000000	0.0000000	0.6	1	1	1

## 3959	0.021290850	0.0000000	1.0	2	2	8
## 3960	0.066666667	0.0000000	0.2	2	2	2
## 3961	0.015811966	0.0000000	0.0	2	2	6
## 3962	0.066666667	0.0000000	0.8	1	1	8
## 3963	0.033333333	0.0000000	0.2	3	2	3
## 3964	0.066666667	0.0000000	0.0	2	2	1
## 3965	0.006896552	0.0000000	0.0	1	1	6
## 3966	0.014666667	10.0732800	0.0	2	2	8
## 3967	0.166666667	0.0000000	0.4	3	2	4
## 3968	0.008196721	48.7299563	0.0	2	4	8
## 3969	0.100000000	0.0000000	0.0	4	2	4
## 3970	0.052777778	0.0000000	0.4	2	2	1
## 3971	0.050940171	0.0000000	0.0	3	2	8
## 3972	0.017250000	24.2716500	0.0	2	2	4
## 3973	0.016666667	0.0000000	0.0	3	2	1
## 3974	0.014117647	0.0000000	0.0	4	1	1
## 3975	0.022696032	4.6294701	0.0	3	2	1
## 3976	0.039506173	8.8871111	1.0	2	2	1
## 3977	0.015686275	0.0000000	0.0	3	2	6
## 3978	0.100000000	0.0000000	1.0	1	2	3
## 3979	0.037500000	0.0000000	0.0	1	1	1
## 3980	0.019444444	0.0000000	0.0	3	2	4
## 3981	0.060000000	0.0000000	0.0	2	5	1
## 3982	0.030000000	0.0000000	0.0	2	7	7
## 3983	0.032692308	0.0000000	1.0	2	2	7
## 3984	0.200000000	0.0000000	0.0	2	2	5
## 3985	0.025000000	0.0000000	0.6	2	2	3
## 3986	0.086538462	0.0000000	0.8	2	2	3
## 3987	0.016129032	0.0000000	0.0	1	1	5
## 3988	0.032638889	22.7445833	0.4	3	2	6
## 3989	0.026666667	0.0000000	0.0	1	2	2
## 3990	0.034210526	0.0000000	0.6	2	2	5
## 3991	0.034920635	0.0000000	0.0	3	2	1
## 3992	0.034583333	0.0000000	0.6	1	1	1
## 3993	0.007142857	22.2745714	0.0	1	8	1
## 3994	0.016296296	25.3892593	0.0	2	2	1
## 3995	0.028571429	53.4745714	0.0	1	1	1
## 3996	0.050000000	0.0000000	0.8	3	2	3
## 3997	0.025423729	0.0000000	0.4	2	2	6
## 3998	0.200000000	0.0000000	0.0	1	1	9
## 3999	0.116666667	0.0000000	0.0	2	6	1
## 4000	0.034210526	0.0000000	0.0	2	2	7
## 4001	0.017705157	0.8604847	0.0	1	1	1
## 4002	0.012903226	0.0000000	0.0	2	2	7
## 4003	0.062962963	0.0000000	0.0	2	2	3
## 4004	0.042000000	0.0000000	0.0	2	2	7
## 4005	0.013546798	0.0000000	0.0	2	2	2
## 4006	0.033915963	0.0000000	0.0	2	2	6
## 4007	0.001704261	9.0730526	0.0	2	4	1
## 4008	0.100000000	0.0000000	0.0	2	2	1
## 4009	0.003508772	0.0000000	1.0	1	1	9
## 4010	0.002597403	5.0152727	0.0	2	4	3
## 4011	0.050000000	0.0000000	0.4	2	5	3
## 4012	0.008823529	0.0000000	0.6	2	2	8

## 4013	0.011312741	6.5880000	0.0	3	5	7
## 4014	0.001666667	173.4697917	0.0	2	2	9
## 4015	0.020312500	50.8297500	0.0	3	2	1
## 4016	0.050000000	0.0000000	0.0	2	2	8
## 4017	0.032380952	11.6948571	0.0	3	2	3
## 4018	0.093333333	0.0000000	0.8	3	2	4
## 4019	0.041176471	0.0000000	0.0	1	2	3
## 4020	0.029444444	24.4076444	0.0	2	4	2
## 4021	0.029444444	0.0000000	0.2	1	1	6
## 4022	0.010230908	0.0000000	0.0	2	2	3
## 4023	0.050000000	0.0000000	0.0	3	2	1
## 4024	0.133333333	0.0000000	0.0	2	2	2
## 4025	0.009090909	0.0000000	0.0	2	2	3
## 4026	0.002777778	0.0000000	0.0	2	2	4
## 4027	0.013333333	0.0000000	0.8	2	2	5
## 4028	0.017391304	0.0000000	0.0	2	2	1
## 4029	0.035087719	0.0000000	0.0	3	2	3
## 4030	0.050000000	0.0000000	0.0	2	4	1
## 4031	0.014814815	0.0000000	0.0	2	2	7
## 4032	0.052000000	0.0000000	0.0	2	2	1
## 4033	0.200000000	0.0000000	0.0	4	1	1
## 4034	0.016190476	0.0000000	0.0	2	2	3
## 4035	0.078571429	0.0000000	0.8	2	6	7
## 4036	0.100000000	0.0000000	0.0	1	1	1
## 4037	0.063888889	0.0000000	0.8	2	2	1
## 4038	0.006666667	0.0000000	0.0	1	1	4
## 4039	0.200000000	0.0000000	0.6	1	1	4
## 4040	0.033333333	0.0000000	0.0	2	2	1
## 4041	0.018181818	20.6083636	0.0	2	2	1
## 4042	0.090476190	10.3976000	1.0	2	2	7
## 4043	0.022173913	0.0000000	0.0	2	2	1
## 4044	0.010344828	0.0000000	0.0	1	1	1
## 4045	0.026923077	0.0000000	0.4	2	4	9
## 4046	0.015384615	0.0000000	0.0	2	10	1
## 4047	0.043589744	0.0000000	0.0	2	2	6
## 4048	0.071111111	0.0000000	0.2	3	2	4
## 4049	0.028571429	0.0000000	0.0	2	2	5
## 4050	0.011594203	0.0000000	0.0	3	2	2
## 4051	0.014476190	0.0000000	0.0	2	2	1
## 4052	0.010884354	0.0000000	0.0	3	2	4
## 4053	0.022102102	0.0000000	0.4	2	2	2
## 4054	0.034151181	0.9369792	0.4	3	2	1
## 4055	0.026666667	0.0000000	0.4	2	2	6
## 4056	0.004166667	0.0000000	0.6	2	2	3
## 4057	0.007801418	71.4659787	0.0	2	2	2
## 4058	0.040441176	0.0000000	0.4	1	1	1
## 4059	0.008600444	0.0000000	0.0	2	2	3
## 4060	0.014626073	3.3484077	0.0	2	4	1
## 4061	0.052777778	0.0000000	1.0	1	1	1
## 4062	0.133333333	0.0000000	0.4	2	2	1
## 4063	0.025793651	26.3434348	0.4	3	2	6
## 4064	0.012500000	0.0000000	0.8	2	2	7
## 4065	0.012962963	0.0000000	0.0	3	2	1
## 4066	0.025000000	0.0000000	0.0	1	1	8

## 4067	0.025000000	45.4895000	0.8	1	1	6
## 4068	0.050000000	0.0000000	0.0	2	2	4
## 4069	0.020000000	32.3820000	0.0	2	2	2
## 4070	0.031666667	0.0000000	0.0	1	1	1
## 4071	0.040000000	0.0000000	0.2	2	2	3
## 4072	0.020000000	44.3880000	0.0	2	2	3
## 4073	0.150000000	0.0000000	0.0	1	1	1
## 4074	0.016049383	0.0000000	0.0	2	2	3
## 4075	0.006407828	14.8513125	0.0	2	2	7
## 4076	0.020000000	0.0000000	0.0	1	1	8
## 4077	0.014285714	0.0000000	0.0	2	10	8
## 4078	0.014285714	0.0000000	0.0	1	1	4
## 4079	0.007692308	26.5935385	0.2	2	10	1
## 4080	0.066666667	0.0000000	0.0	1	1	1
## 4081	0.200000000	0.0000000	0.2	1	1	4
## 4082	0.050877193	0.0000000	0.6	3	2	6
## 4083	0.066666667	0.0000000	0.0	1	1	1
## 4084	0.033227513	0.0000000	0.6	2	10	3
## 4085	0.085416667	0.0000000	0.0	3	2	3
## 4086	0.026666667	0.0000000	0.0	1	1	2
## 4087	0.200000000	0.0000000	0.0	2	10	3
## 4088	0.038194444	0.0000000	0.0	3	2	5
## 4089	0.050000000	0.0000000	0.2	2	2	4
## 4090	0.083333333	0.0000000	0.2	2	2	2
## 4091	0.031932773	0.0000000	1.0	1	1	3
## 4092	0.007017544	70.0182632	0.0	2	2	1
## 4093	0.054930556	0.0000000	1.0	2	2	1
## 4094	0.066666667	0.0000000	0.0	2	2	3
## 4095	0.029643028	0.0000000	0.8	1	1	1
## 4096	0.060344828	0.0000000	0.0	2	2	1
## 4097	0.200000000	0.0000000	0.8	2	2	3
## 4098	0.019142857	16.1241600	0.0	1	8	1
## 4099	0.002173913	0.0000000	0.0	1	1	1
## 4100	0.023593750	0.0000000	0.8	2	5	4
## 4101	0.088888889	0.0000000	1.0	3	2	4
## 4102	0.005452381	0.0000000	0.0	3	2	3
## 4103	0.068055556	0.0000000	0.0	3	2	4
## 4104	0.040000000	0.0000000	0.2	2	2	6
## 4105	0.018181818	56.6236364	0.0	2	2	1
## 4106	0.030769231	0.0000000	0.6	3	2	9
## 4107	0.012918871	5.9214821	0.0	2	2	3
## 4108	0.028571429	0.0000000	0.0	2	2	1
## 4109	0.019047619	0.0000000	0.0	2	2	1
## 4110	0.043870968	0.0000000	0.2	2	2	1
## 4111	0.175000000	0.0000000	0.4	2	2	1
## 4112	0.060000000	0.0000000	0.6	1	1	1
## 4113	0.004545455	0.0000000	0.0	1	1	2
## 4114	0.200000000	0.0000000	0.8	3	2	2
## 4115	0.063636364	0.0000000	0.8	2	2	1
## 4116	0.015972222	0.0000000	0.0	1	1	1
## 4117	0.020381594	8.0228395	0.6	2	2	3
## 4118	0.018140590	0.0000000	0.8	3	2	1
## 4119	0.100000000	0.0000000	0.0	1	1	1
## 4120	0.192307692	0.0000000	0.8	3	2	1

## 4121	0.055555556	0.0000000	0.0	3	2	8
## 4122	0.200000000	0.0000000	0.0	3	2	1
## 4123	0.022222222	0.0000000	0.0	2	4	1
## 4124	0.023297491	6.4026129	0.0	2	2	4
## 4125	0.019756839	0.0000000	0.0	3	2	7
## 4126	0.005882353	62.0788235	0.0	2	2	1
## 4127	0.015151515	48.8640000	0.0	2	2	3
## 4128	0.003030303	57.4740000	0.0	2	2	5
## 4129	0.200000000	0.0000000	0.0	3	2	2
## 4130	0.034154351	0.0000000	0.4	2	4	3
## 4131	0.142857143	0.0000000	0.8	2	6	6
## 4132	0.018918919	9.5974054	0.6	2	2	1
## 4133	0.019263449	0.0000000	0.4	1	1	1
## 4134	0.028298931	10.4543768	1.0	2	2	1
## 4135	0.032653061	0.0000000	0.0	1	1	1
## 4136	0.020659075	2.5249940	0.2	2	2	3
## 4137	0.003492063	79.0000000	0.6	2	4	4
## 4138	0.040000000	0.0000000	0.0	2	4	7
## 4139	0.026666667	0.0000000	0.0	2	2	7
## 4140	0.012903226	0.0000000	0.0	2	2	8
## 4141	0.025000000	0.0000000	0.6	2	2	3
## 4142	0.029411765	0.0000000	0.2	2	2	1
## 4143	0.022500000	0.0000000	0.0	2	5	6
## 4144	0.084722222	0.0000000	0.0	3	2	1
## 4145	0.013383838	0.0000000	0.0	3	2	3
## 4146	0.050000000	0.0000000	0.8	2	2	4
## 4147	0.028571429	0.0000000	0.0	3	2	1
## 4148	0.058333333	0.0000000	0.0	2	2	4
## 4149	0.030213239	0.0000000	0.0	2	2	2
## 4150	0.011111111	8.6043913	0.0	3	3	5
## 4151	0.046666667	0.0000000	0.6	3	2	6
## 4152	0.044117647	0.0000000	0.0	2	2	1
## 4153	0.050000000	0.0000000	0.0	3	2	1
## 4154	0.050000000	0.0000000	0.8	2	2	7
## 4155	0.019555556	0.0000000	0.0	2	2	3
## 4156	0.111111111	0.0000000	0.0	3	2	8
## 4157	0.057142857	0.0000000	0.8	2	5	1
## 4158	0.034000000	0.0000000	0.8	2	5	2
## 4159	0.031111111	19.3482667	0.0	2	2	6
## 4160	0.013636364	0.0000000	0.0	2	2	1
## 4161	0.057142857	0.0000000	0.0	2	2	1
## 4162	0.024166667	0.0000000	1.0	3	2	4
## 4163	0.018461538	13.9967692	0.0	2	5	7
## 4164	0.100000000	0.0000000	0.0	3	2	4
## 4165	0.005555556	23.3216667	0.0	2	2	4
## 4166	0.004761905	0.0000000	0.0	2	2	1
## 4167	0.200000000	0.0000000	0.0	3	2	9
## 4168	0.025000000	0.0000000	0.0	2	2	2
## 4169	0.014673582	3.3828768	0.4	2	2	1
## 4170	0.018181818	0.0000000	0.4	3	2	1
## 4171	0.024747475	0.0000000	1.0	3	3	3
## 4172	0.023180828	2.1724314	0.8	1	1	3
## 4173	0.014871795	0.0000000	0.0	1	1	4
## 4174	0.010056926	17.0592258	0.8	2	2	3

## 4175	0.061538462	0.0000000	0.4	2	2	3
## 4176	0.016427739	7.9755000	0.0	2	2	1
## 4177	0.016444444	0.0000000	0.8	2	2	3
## 4178	0.033333333	0.0000000	0.8	2	2	3
## 4179	0.050000000	0.0000000	0.0	1	2	2
## 4180	0.025000000	0.0000000	0.0	1	1	4
## 4181	0.034338624	0.0000000	0.0	2	4	4
## 4182	0.200000000	0.0000000	0.0	2	10	3
## 4183	0.023809524	0.0000000	0.6	3	2	1
## 4184	0.034615385	0.0000000	0.8	2	4	1
## 4185	0.075000000	0.0000000	0.6	2	2	3
## 4186	0.032173913	0.0000000	0.0	2	5	5
## 4187	0.010869841	8.9265986	0.0	2	2	1
## 4188	0.004761905	0.0000000	0.0	3	2	2
## 4189	0.021296296	23.6194815	0.0	1	1	3
## 4190	0.026619133	0.0000000	0.0	3	2	5
## 4191	0.001470588	53.9880000	0.6	6	2	9
## 4192	0.016666667	0.0000000	0.2	2	2	6
## 4193	0.008000000	0.0000000	0.0	2	2	9
## 4194	0.043750000	0.0000000	0.0	3	2	1
## 4195	0.008837606	0.0000000	0.0	2	2	1
## 4196	0.066666667	0.0000000	0.4	2	2	1
## 4197	0.116666667	0.0000000	0.8	2	2	5
## 4198	0.083333333	0.0000000	0.2	2	2	5
## 4199	0.020052948	0.0000000	0.0	3	2	3
## 4200	0.033333333	0.0000000	1.0	2	2	6
## 4201	0.012765957	19.2975319	0.6	2	2	1
## 4202	0.023074581	16.6702274	0.0	2	2	7
## 4203	0.050000000	0.0000000	0.0	2	2	7
## 4204	0.012307692	0.0000000	0.0	3	2	1
## 4205	0.013341952	12.2741949	0.8	3	3	3
## 4206	0.033333333	0.0000000	0.2	4	1	1
## 4207	0.043307169	3.2416531	0.6	2	2	1
## 4208	0.004761905	0.0000000	0.0	1	1	1
## 4209	0.064000000	0.0000000	1.0	3	2	1
## 4210	0.030865335	4.7695668	0.6	3	2	1
## 4211	0.026587302	0.0000000	0.0	2	2	7
## 4212	0.133333333	0.0000000	0.0	2	2	3
## 4213	0.009523810	18.2742857	0.0	2	2	1
## 4214	0.032765957	0.0000000	0.0	2	2	8
## 4215	0.012903226	0.0000000	0.0	2	2	2
## 4216	0.057142857	0.0000000	0.8	4	2	1
## 4217	0.038918919	3.0643784	0.0	2	2	1
## 4218	0.009523810	0.0000000	0.0	1	1	6
## 4219	0.011111111	25.1090000	0.0	3	2	1
## 4220	0.016642012	10.1136090	0.0	2	2	3
## 4221	0.045192308	20.3796497	0.0	1	1	1
## 4222	0.020000000	0.0000000	0.0	2	2	6
## 4223	0.044444444	0.0000000	0.0	2	2	1
## 4224	0.018181818	50.3880000	0.0	1	1	1
## 4225	0.005128205	0.0000000	0.4	2	2	9
## 4226	0.022222222	0.0000000	0.0	2	10	3
## 4227	0.018421053	6.8121053	0.0	2	4	2
## 4228	0.010416667	0.0000000	0.0	2	4	7

## 4229	0.050000000	0.0000000	0.0	2	5	3
## 4230	0.100000000	0.0000000	0.0	2	2	3
## 4231	0.066666667	0.0000000	0.0	2	2	1
## 4232	0.026666667	0.0000000	0.0	2	6	6
## 4233	0.200000000	0.0000000	0.8	3	2	3
## 4234	0.108333333	0.0000000	0.0	3	2	6
## 4235	0.004347826	72.3020870	0.0	2	2	1
## 4236	0.115789474	0.0000000	0.8	2	2	2
## 4237	0.017105263	0.0000000	0.0	1	1	3
## 4238	0.051190476	0.0000000	0.0	2	2	1
## 4239	0.036507937	0.0000000	0.6	2	2	3
## 4240	0.177777778	0.0000000	0.0	2	2	2
## 4241	0.011662763	8.1840951	0.0	3	2	1
## 4242	0.018181818	0.0000000	0.0	2	2	6
## 4243	0.009109731	0.0000000	0.0	2	10	4
## 4244	0.021288981	27.7417716	0.0	2	5	3
## 4245	0.020000000	55.8486000	0.0	2	2	1
## 4246	0.030769231	0.0000000	1.0	3	2	3
## 4247	0.014000000	0.0000000	0.8	3	2	1
## 4248	0.045986395	0.0000000	0.0	1	1	6
## 4249	0.011764706	39.1860000	0.0	2	2	3
## 4250	0.009090909	17.8080000	0.0	2	2	8
## 4251	0.096000000	0.0000000	1.0	3	2	3
## 4252	0.042857143	0.0000000	1.0	2	2	3
## 4253	0.111111111	0.0000000	0.8	2	2	6
## 4254	0.030769231	0.0000000	0.0	2	2	6
## 4255	0.066666667	22.8963636	0.0	2	2	1
## 4256	0.066666667	0.0000000	0.0	2	2	2
## 4257	0.022222222	0.0000000	0.0	3	2	2
## 4258	0.010732401	3.3581333	0.0	1	1	3
## 4259	0.055555556	15.1841250	0.6	2	2	4
## 4260	0.024285714	7.6093714	0.2	2	2	6
## 4261	0.079573935	0.0000000	0.6	2	2	3
## 4262	0.030769231	0.0000000	0.0	1	1	1
## 4263	0.013153595	0.0000000	0.2	1	1	1
## 4264	0.040000000	0.0000000	0.0	1	1	3
## 4265	0.031250000	0.0000000	0.0	1	1	8
## 4266	0.016666667	0.0000000	0.4	2	2	1
## 4267	0.019047619	0.0000000	0.0	2	4	8
## 4268	0.032017551	16.1633333	0.0	2	2	2
## 4269	0.024444444	0.0000000	0.0	1	1	1
## 4270	0.200000000	0.0000000	0.0	3	2	6
## 4271	0.007272727	13.1114545	0.0	2	2	5
## 4272	0.100000000	0.0000000	0.8	2	4	1
## 4273	0.032132434	0.0000000	0.8	2	2	6
## 4274	0.004545455	16.5390909	0.0	2	2	4
## 4275	0.028888889	0.0000000	0.6	2	2	7
## 4276	0.100000000	0.0000000	0.0	2	2	3
## 4277	0.100000000	0.0000000	0.0	2	2	2
## 4278	0.033333333	0.0000000	0.0	2	2	4
## 4279	0.025000000	0.0000000	0.8	1	1	4
## 4280	0.074000000	0.0000000	0.2	1	8	1
## 4281	0.002941176	68.3760000	0.0	1	1	5
## 4282	0.036923077	0.0000000	0.2	2	2	1

## 4283	0.018707483	13.5306837	0.0	2	2	7
## 4284	0.100000000	0.0000000	0.0	2	4	3
## 4285	0.060000000	0.0000000	1.0	1	2	9
## 4286	0.025000000	0.0000000	0.0	2	2	1
## 4287	0.022377452	9.8498165	0.0	2	4	3
## 4288	0.043750000	0.0000000	0.0	2	2	1
## 4289	0.011111111	0.0000000	0.0	3	3	4
## 4290	0.160000000	0.0000000	0.6	2	2	1
## 4291	0.015384615	0.0000000	0.0	2	2	1
## 4292	0.066666667	0.0000000	0.0	1	2	3
## 4293	0.015135135	8.8975946	0.0	2	2	3
## 4294	0.015180847	8.0526167	0.0	2	2	1
## 4295	0.007539683	0.0000000	0.0	2	2	7
## 4296	0.012500000	0.0000000	0.0	2	5	1
## 4297	0.200000000	0.0000000	0.0	2	5	2
## 4298	0.033333333	0.0000000	0.0	1	1	1
## 4299	0.023522862	54.0752411	0.0	4	2	3
## 4300	0.018193939	21.7647505	0.0	2	2	1
## 4301	0.009090909	54.9703636	0.0	2	2	4
## 4302	0.023492063	0.0000000	0.0	3	2	7
## 4303	0.002898551	0.0000000	0.0	3	2	1
## 4304	0.044444444	0.0000000	0.6	1	1	1
## 4305	0.097619048	0.0000000	0.8	3	2	3
## 4306	0.200000000	0.0000000	0.0	3	3	1
## 4307	0.066666667	0.0000000	0.0	1	1	1
## 4308	0.012500000	0.0000000	0.0	4	1	1
## 4309	0.020000000	0.0000000	0.0	1	2	3
## 4310	0.121568627	0.0000000	0.6	2	2	1
## 4311	0.028508772	7.1534211	0.0	2	2	1
## 4312	0.010526316	0.0000000	0.0	3	2	3
## 4313	0.016394300	8.0690277	0.0	2	2	2
## 4314	0.019230769	0.0000000	0.6	2	5	4
## 4315	0.030621469	9.1029374	0.0	2	2	1
## 4316	0.140000000	0.0000000	0.6	1	1	6
## 4317	0.150000000	0.0000000	0.2	3	3	2
## 4318	0.022907353	0.0000000	0.6	2	2	3
## 4319	0.003703704	0.0000000	0.0	2	2	3
## 4320	0.015000000	0.0000000	0.0	1	1	3
## 4321	0.038802798	2.4833898	0.2	2	2	3
## 4322	0.018181818	0.0000000	0.0	4	2	1
## 4323	0.012000000	0.0000000	0.0	2	2	9
## 4324	0.001158605	0.0000000	0.0	2	2	7
## 4325	0.066666667	0.0000000	0.0	2	5	6
## 4326	0.035555556	0.0000000	0.2	3	2	1
## 4327	0.052631579	0.0000000	0.0	2	2	3
## 4328	0.019682540	0.0000000	0.0	3	2	3
## 4329	0.013793103	0.0000000	0.2	2	2	1
## 4330	0.100000000	0.0000000	0.0	3	2	3
## 4331	0.008333333	0.0000000	0.0	2	2	4
## 4332	0.023529412	28.5278823	0.0	3	7	3
## 4333	0.003216374	0.0000000	0.0	3	2	1
## 4334	0.100000000	0.0000000	0.8	2	2	1
## 4335	0.038095238	0.0000000	0.6	2	4	1
## 4336	0.044444444	26.6577778	0.0	2	5	3

## 4337	0.038277778	0.0000000	0.0	2	2	8
## 4338	0.018264209	0.0000000	0.0	1	2	1
## 4339	0.200000000	0.0000000	0.0	2	2	8
## 4340	0.011111111	18.8440000	0.0	2	2	3
## 4341	0.023480903	0.0000000	0.6	2	2	7
## 4342	0.023529412	0.0000000	0.2	1	1	1
## 4343	0.010000000	0.0000000	1.0	2	2	1
## 4344	0.200000000	0.0000000	1.0	1	1	1
## 4345	0.002857143	0.0000000	0.0	3	2	1
## 4346	0.077192982	6.6249474	0.6	3	2	2
## 4347	0.009523810	0.0000000	0.0	2	5	3
## 4348	0.100000000	0.0000000	0.2	3	2	2
## 4349	0.080437158	0.0000000	1.0	3	2	3
## 4350	0.020105820	0.0000000	0.0	2	2	9
## 4351	0.001169591	0.0000000	0.0	1	2	4
## 4352	0.005000000	0.0000000	0.0	2	4	1
## 4353	0.027681159	0.0000000	0.6	1	1	3
## 4354	0.100000000	0.0000000	0.0	3	2	1
## 4355	0.023076923	0.0000000	1.0	1	1	1
## 4356	0.020000000	0.0000000	0.0	3	5	1
## 4357	0.008333333	0.0000000	0.0	2	2	1
## 4358	0.017133956	16.9404673	0.6	2	2	1
## 4359	0.046666667	0.0000000	0.6	3	2	1
## 4360	0.018888889	0.0000000	0.8	3	2	1
## 4361	0.039506173	0.0000000	0.6	2	2	7
## 4362	0.030341880	0.0000000	0.2	3	2	2
## 4363	0.042694343	0.0000000	0.0	3	2	1
## 4364	0.078431373	0.0000000	0.0	3	3	8
## 4365	0.022222222	0.0000000	0.2	3	2	8
## 4366	0.034586466	0.0000000	0.0	3	2	2
## 4367	0.033333333	0.0000000	0.0	3	2	2
## 4368	0.005729167	0.0000000	0.0	2	2	8
## 4369	0.015714286	59.9677714	0.2	1	1	4
## 4370	0.051282051	0.0000000	0.4	3	2	1
## 4371	0.023232323	14.7370909	0.2	2	2	4
## 4372	0.030510511	7.9415315	0.0	2	2	1
## 4373	0.012244898	5.1377143	0.0	4	1	4
## 4374	0.050000000	63.8910000	0.0	3	2	4
## 4375	0.018048780	6.5300488	0.0	2	2	1
## 4376	0.009090909	0.0000000	0.4	2	2	4
## 4377	0.047619048	10.6251429	0.6	2	2	1
## 4378	0.077777778	0.0000000	0.0	1	1	1
## 4379	0.039074074	0.0000000	0.0	2	2	4
## 4380	0.012500000	9.7402500	0.0	1	1	3
## 4381	0.009733401	8.8684490	0.0	2	5	3
## 4382	0.024666667	13.6749333	0.0	3	6	4
## 4383	0.042222222	0.0000000	0.8	1	1	1
## 4384	0.018087558	12.5991023	0.0	2	1	1
## 4385	0.028571429	26.9800000	0.0	2	4	3
## 4386	0.035555556	0.0000000	0.0	2	4	1
## 4387	0.017809524	3.9980000	0.6	3	2	4
## 4388	0.069736842	12.1521053	0.0	3	2	4
## 4389	0.043386243	0.0000000	0.0	1	1	1
## 4390	0.042105263	0.0000000	0.8	2	2	4

## 4391	0.005714286	0.0000000	0.0	3	2	3
## 4392	0.030000000	0.0000000	0.6	2	2	4
## 4393	0.066666667	0.0000000	0.0	4	1	1
## 4394	0.025000000	0.0000000	0.0	2	2	9
## 4395	0.200000000	0.0000000	0.8	2	4	1
## 4396	0.033333333	55.4850000	0.0	2	4	4
## 4397	0.028888889	0.0000000	0.6	2	2	1
## 4398	0.013333333	0.0000000	0.0	4	2	2
## 4399	0.200000000	0.0000000	0.0	1	2	1
## 4400	0.067323481	0.0000000	0.6	2	2	1
## 4401	0.045365079	0.0000000	0.8	2	10	2
## 4402	0.027777778	38.2094074	0.0	2	5	3
## 4403	0.021846847	5.6772865	0.4	2	5	2
## 4404	0.035897436	0.0000000	0.0	1	1	1
## 4405	0.200000000	0.0000000	0.0	2	5	1
## 4406	0.035937500	0.0000000	0.0	2	2	4
## 4407	0.040000000	0.0000000	0.0	3	2	3
## 4408	0.026666667	0.0000000	0.0	2	2	6
## 4409	0.051538462	0.0000000	0.0	3	2	3
## 4410	0.005555556	0.0000000	0.0	3	2	3
## 4411	0.010000000	0.0000000	0.0	2	5	2
## 4412	0.026383333	4.5476000	0.0	4	1	1
## 4413	0.036666667	0.0000000	0.6	2	2	3
## 4414	0.072222222	0.0000000	0.6	3	2	4
## 4415	0.025000000	0.0000000	0.0	3	2	1
## 4416	0.045833333	5.2447500	0.4	2	2	1
## 4417	0.108333333	0.0000000	0.6	2	2	1
## 4418	0.015384615	0.0000000	0.0	3	2	1
## 4419	0.050000000	0.0000000	0.8	2	2	6
## 4420	0.018742138	0.0000000	0.0	3	2	1
## 4421	0.040000000	0.0000000	0.0	1	1	3
## 4422	0.010714286	9.8651250	0.0	2	2	4
## 4423	0.040000000	0.0000000	0.0	2	2	4
## 4424	0.044444444	0.0000000	0.2	2	2	7
## 4425	0.008695652	43.8104348	0.0	2	2	2
## 4426	0.028330849	0.0000000	0.0	2	2	9
## 4427	0.018181818	0.0000000	0.0	2	5	9
## 4428	0.070000000	0.0000000	0.8	1	8	3
## 4429	0.026086957	69.2786087	0.0	2	2	1
## 4430	0.100000000	0.0000000	0.8	2	2	3
## 4431	0.010000000	0.0000000	0.0	2	2	1
## 4432	0.008024691	42.5033333	0.0	2	2	9
## 4433	0.200000000	0.0000000	0.0	1	8	2
## 4434	0.040000000	0.0000000	0.0	2	4	3
## 4435	0.100000000	0.0000000	0.2	3	2	3
## 4436	0.021250000	0.0000000	0.0	2	4	3
## 4437	0.006666667	0.0000000	0.0	2	6	1
## 4438	0.024548440	0.0000000	0.0	2	2	1
## 4439	0.050000000	0.0000000	0.4	2	2	6
## 4440	0.048148148	15.9468000	0.0	1	1	3
## 4441	0.017346939	0.0000000	0.0	1	2	3
## 4442	0.018750000	0.0000000	0.4	3	2	3
## 4443	0.200000000	0.0000000	0.0	2	5	6
## 4444	0.022727273	0.0000000	0.0	2	2	3

## 4445	0.038292564	8.5082375	0.0	2	2	3
## 4446	0.026666667	32.1908000	0.0	2	4	1
## 4447	0.043333333	0.0000000	0.0	2	2	9
## 4448	0.120000000	0.0000000	0.6	2	2	6
## 4449	0.022222222	0.0000000	0.0	2	2	7
## 4450	0.006250000	0.0000000	0.0	2	2	2
## 4451	0.017096460	5.7100613	0.0	2	2	3
## 4452	0.033717640	1.9141750	0.2	2	2	3
## 4453	0.054545455	0.0000000	0.0	2	2	2
## 4454	0.020740741	0.0000000	0.6	3	2	3
## 4455	0.023076923	31.2200000	0.0	3	2	8
## 4456	0.035693651	5.1851651	0.8	3	2	3
## 4457	0.006584897	1.0337640	0.0	2	2	3
## 4458	0.050000000	0.0000000	0.0	1	1	3
## 4459	0.012500000	24.7387500	0.0	2	2	5
## 4460	0.200000000	0.0000000	0.0	4	2	1
## 4461	0.200000000	0.0000000	0.4	1	1	7
## 4462	0.020000000	0.0000000	0.6	2	4	1
## 4463	0.083730159	0.0000000	1.0	2	2	1
## 4464	0.013178295	0.0000000	0.0	2	2	2
## 4465	0.010000000	91.2460000	0.0	2	4	1
## 4466	0.077843137	0.0000000	0.0	3	2	6
## 4467	0.022222222	0.0000000	1.0	6	2	3
## 4468	0.008461558	16.4842105	0.0	2	2	6
## 4469	0.033333333	0.0000000	0.6	2	2	1
## 4470	0.025000000	0.0000000	0.0	2	2	1
## 4471	0.075000000	0.0000000	0.0	3	2	6
## 4472	0.014814815	9.9916667	0.0	3	2	2
## 4473	0.200000000	0.0000000	0.0	4	2	3
## 4474	0.036666667	0.0000000	0.0	2	2	1
## 4475	0.003846154	0.0000000	0.0	2	6	1
## 4476	0.010310363	8.2565724	0.0	2	10	3
## 4477	0.016052227	0.0000000	0.8	2	5	1
## 4478	0.013333333	0.0000000	0.0	1	1	8
## 4479	0.050000000	0.0000000	0.0	2	2	1
## 4480	0.019676875	0.0000000	0.4	2	5	2
## 4481	0.038461538	0.0000000	0.2	2	2	3
## 4482	0.012121212	47.2606061	0.0	2	2	4
## 4483	0.016666667	0.0000000	0.8	2	2	3
## 4484	0.008333333	35.9800000	0.0	2	5	3
## 4485	0.026500000	0.0000000	0.0	2	5	1
## 4486	0.078938839	0.0000000	0.6	1	1	1
## 4487	0.017391304	0.0000000	0.0	2	2	1
## 4488	0.044444444	0.0000000	0.8	4	2	1
## 4489	0.028371212	0.0000000	0.0	3	2	3
## 4490	0.028376068	2.5615385	0.0	2	6	1
## 4491	0.017027417	0.0000000	0.0	2	2	1
## 4492	0.050000000	0.0000000	0.0	1	1	3
## 4493	0.004353234	49.3927164	0.0	4	5	3
## 4494	0.046264368	0.0000000	0.4	2	6	3
## 4495	0.007885305	11.4781290	0.0	2	2	4
## 4496	0.070000000	0.0000000	0.0	1	1	2
## 4497	0.071645022	0.0000000	0.0	3	2	1
## 4498	0.033333333	0.0000000	0.0	1	1	2

##	4499	0.025000000	17.5410000	1.0	2	2	2
##	4500	0.020000000	0.0000000	0.0	3	2	4
##	4501	0.008727273	0.0000000	0.0	2	10	1
##	4502	0.035714286	0.0000000	0.0	3	2	2
##	4503	0.031113658	0.0000000	0.0	3	2	1
##	4504	0.144444444	0.0000000	0.2	2	4	6
##	4505	0.011111111	0.0000000	0.0	1	8	9
##	4506	0.010000000	0.0000000	0.4	1	1	8
##	4507	0.044444444	0.0000000	0.0	2	2	8
##	4508	0.008035714	64.4618571	0.0	1	1	4
##	4509	0.021153846	0.0000000	0.0	3	2	8
##	4510	0.076190476	0.0000000	0.0	3	2	1
##	4511	0.022514620	12.1316199	0.0	4	1	6
##	4512	0.024642375	0.0000000	0.0	2	4	1
##	4513	0.055000000	0.0000000	0.0	3	2	6
##	4514	0.026086957	0.0000000	0.0	2	2	6
##	4515	0.005185185	0.0000000	0.0	2	2	1
##	4516	0.060000000	0.0000000	0.4	3	2	3
##	4517	0.033333333	0.0000000	0.0	2	2	2
##	4518	0.100000000	0.0000000	0.0	3	2	4
##	4519	0.011488014	0.0000000	0.0	2	4	4
##	4520	0.011764706	0.0000000	0.6	1	1	1
##	4521	0.031746032	0.0000000	0.0	2	6	2
##	4522	0.020000000	0.0000000	0.0	3	2	1
##	4523	0.030000000	0.0000000	0.0	1	1	4
##	4524	0.050000000	0.0000000	0.0	2	2	2
##	4525	0.046666667	0.0000000	0.0	1	1	3
##	4526	0.033064516	15.6580839	0.0	1	1	1
##	4527	0.003508772	0.0000000	0.0	2	2	6
##	4528	0.001923077	0.0000000	0.0	2	2	3
##	4529	0.025141026	0.0000000	0.0	3	2	8
##	4530	0.040000000	0.0000000	0.0	1	1	1
##	4531	0.062500000	0.0000000	0.0	2	2	1
##	4532	0.023148148	0.0000000	0.8	2	2	2
##	4533	0.012631579	16.1005263	0.0	2	2	2
##	4534	0.033333333	0.0000000	0.8	2	4	1
##	4535	0.007692308	0.0000000	0.0	2	2	7
##	4536	0.028059163	6.2210455	0.0	2	5	3
##	4537	0.033333333	0.0000000	0.0	2	2	5
##	4538	0.002380952	0.0000000	0.0	3	2	3
##	4539	0.029227053	0.0000000	0.6	2	10	9
##	4540	0.016666667	0.0000000	0.6	2	4	2
##	4541	0.022611111	7.9980000	0.8	2	2	7
##	4542	0.200000000	0.0000000	0.2	1	2	3
##	4543	0.027777778	0.0000000	0.0	2	5	2
##	4544	0.042121212	0.0000000	0.0	3	2	6
##	4545	0.071428571	0.0000000	0.0	2	2	3
##	4546	0.026666667	0.0000000	0.0	2	2	3
##	4547	0.014074074	0.0000000	0.6	2	2	1
##	4548	0.022222222	0.0000000	0.2	3	2	1
##	4549	0.033333333	0.0000000	0.0	1	1	2
##	4550	0.039827675	0.0000000	1.0	2	2	4
##	4551	0.021383053	5.1594622	0.8	2	2	7
##	4552	0.030555556	26.9850000	0.0	2	2	1

##	4553	0.011134752	0.0000000	0.6	2	2	3
##	4554	0.150000000	0.0000000	0.2	2	2	3
##	4555	0.088888889	0.0000000	0.0	2	2	9
##	4556	0.014912281	38.2035790	0.0	2	2	1
##	4557	0.039824561	26.5455000	0.0	3	2	1
##	4558	0.028571429	54.9800000	1.0	2	2	3
##	4559	0.029239766	0.0000000	0.6	1	2	1
##	4560	0.171428571	0.0000000	0.0	2	2	2
##	4561	0.046666667	0.0000000	0.8	2	2	2
##	4562	0.043939394	0.0000000	0.6	2	2	2
##	4563	0.034375000	0.0000000	0.0	1	1	2
##	4564	0.022134495	3.9841107	0.0	2	2	1
##	4565	0.017857143	5.7980000	0.0	2	2	1
##	4566	0.100000000	0.0000000	0.0	2	4	9
##	4567	0.020454545	5.9031818	0.0	2	2	5
##	4568	0.010000000	0.0000000	0.0	2	2	5
##	4569	0.050000000	0.0000000	0.0	2	4	4
##	4570	0.071428571	0.0000000	1.0	3	2	2
##	4571	0.150000000	0.0000000	0.6	1	1	3
##	4572	0.021690178	3.0767069	0.8	3	2	1
##	4573	0.111764706	0.0000000	0.6	2	2	1
##	4574	0.036363636	0.0000000	1.0	3	2	2
##	4575	0.133333333	0.0000000	0.0	2	2	2
##	4576	0.012500000	58.1056250	0.0	1	1	3
##	4577	0.011497494	64.0812632	0.0	2	2	2
##	4578	0.011111111	0.0000000	0.0	3	2	6
##	4579	0.050000000	0.0000000	0.0	2	4	3
##	4580	0.001388889	0.0000000	0.0	2	4	1
##	4581	0.024603175	0.0000000	0.0	2	2	2
##	4582	0.003296703	0.0000000	0.0	1	2	7
##	4583	0.040000000	0.0000000	0.0	2	4	7
##	4584	0.073333333	0.0000000	0.0	1	1	3
##	4585	0.054166667	0.0000000	1.0	3	2	6
##	4586	0.036774359	53.2226867	0.4	2	2	2
##	4587	0.011111111	0.0000000	0.0	1	1	1
##	4588	0.012500000	0.0000000	0.8	3	2	1
##	4589	0.047740113	7.7267797	0.4	2	2	3
##	4590	0.010385835	8.4956512	0.0	3	2	3
##	4591	0.023809524	12.5976667	0.0	4	1	1
##	4592	0.001081081	33.8477838	0.0	3	2	7
##	4593	0.010139398	1.9124222	0.0	4	2	3
##	4594	0.008333333	23.9880000	0.0	2	2	6
##	4595	0.100000000	0.0000000	0.8	2	2	1
##	4596	0.133333333	0.0000000	0.0	3	3	1
##	4597	0.044444444	0.0000000	0.6	2	2	3
##	4598	0.028571429	0.0000000	0.0	1	2	3
##	4599	0.033122363	5.7829882	0.4	2	2	1
##	4600	0.038541667	0.0000000	0.0	3	2	3
##	4601	0.058333333	0.0000000	1.0	2	5	7
##	4602	0.037500000	0.0000000	0.0	3	2	1
##	4603	0.006666667	0.0000000	0.0	2	2	5
##	4604	0.066666667	0.0000000	0.6	2	2	5
##	4605	0.021453423	11.2842750	0.0	3	2	1
##	4606	0.041666667	0.0000000	0.0	2	2	6

## 4607	0.112903226	0.0000000	0.8	2	2	3
## 4608	0.106206897	0.0000000	0.8	3	2	5
## 4609	0.010098420	1.5583814	1.0	2	2	1
## 4610	0.036363636	0.0000000	0.0	4	1	9
## 4611	0.008333333	0.0000000	0.6	2	2	4
## 4612	0.019298246	0.0000000	0.0	2	2	1
## 4613	0.012500000	0.0000000	0.0	1	1	1
## 4614	0.023529412	27.6640000	0.6	2	2	2
## 4615	0.029112554	0.0000000	0.0	3	2	1
## 4616	0.011252929	1.5348360	0.0	2	2	2
## 4617	0.013672300	0.0000000	0.0	3	2	4
## 4618	0.016666667	0.0000000	0.0	2	2	1
## 4619	0.014203612	0.0000000	0.6	2	2	1
## 4620	0.080000000	0.0000000	0.0	3	2	1
## 4621	0.023157895	0.0000000	0.0	2	2	3
## 4622	0.010526316	0.0000000	0.0	2	2	1
## 4623	0.019696970	0.0000000	0.8	2	2	4
## 4624	0.008333333	0.0000000	0.0	2	2	6
## 4625	0.100000000	0.0000000	0.0	2	2	3
## 4626	0.068750000	0.0000000	0.0	2	2	2
## 4627	0.200000000	0.0000000	0.6	2	2	6
## 4628	0.028052083	0.0000000	0.8	2	2	1
## 4629	0.030769231	32.4373846	0.0	1	1	3
## 4630	0.101042228	0.0000000	0.4	2	2	1
## 4631	0.015686275	0.0000000	0.0	2	6	9
## 4632	0.023763441	10.1700276	0.2	3	2	1
## 4633	0.027790788	0.0000000	0.0	2	2	3
## 4634	0.026086957	0.0000000	0.8	3	2	2
## 4635	0.013739852	24.0264549	0.0	3	2	9
## 4636	0.014285714	0.0000000	0.0	2	2	3
## 4637	0.014390244	33.9251122	0.0	4	1	3
## 4638	0.023611111	0.0000000	0.6	3	2	3
## 4639	0.003703704	0.0000000	0.0	2	2	3
## 4640	0.036607143	0.0000000	0.0	2	2	2
## 4641	0.012878788	20.8881818	1.0	3	2	1
## 4642	0.011965812	22.2040171	0.0	2	4	3
## 4643	0.040000000	0.0000000	0.0	3	3	1
## 4644	0.031730769	0.0000000	0.0	2	2	3
## 4645	0.003632479	0.0000000	0.0	3	2	6
## 4646	0.041666667	0.0000000	0.8	2	2	2
## 4647	0.066666667	0.0000000	1.0	3	2	1
## 4648	0.024416667	0.0000000	0.8	2	4	5
## 4649	0.021312784	0.0000000	0.4	3	2	3
## 4650	0.045833333	0.0000000	0.0	2	2	1
## 4651	0.004444444	0.0000000	0.0	2	2	4
## 4652	0.047619048	0.0000000	0.0	1	1	4
## 4653	0.033684211	0.0000000	0.8	2	2	2
## 4654	0.022177156	0.0000000	0.4	2	6	1
## 4655	0.048622222	0.0000000	0.8	2	2	1
## 4656	0.050000000	0.0000000	0.4	2	5	9
## 4657	0.061538462	0.0000000	0.6	2	5	9
## 4658	0.100000000	0.0000000	0.0	2	10	1
## 4659	0.020000000	0.0000000	0.8	1	1	7
## 4660	0.025634921	0.0000000	0.0	3	2	1

## 4661	0.085714286	0.0000000	0.6	2	2	2
## 4662	0.015384615	0.0000000	0.0	2	2	9
## 4663	0.022222222	0.0000000	0.0	1	1	8
## 4664	0.093333333	0.0000000	0.0	2	4	1
## 4665	0.030769231	0.0000000	0.4	2	2	5
## 4666	0.020833333	0.0000000	0.6	2	5	1
## 4667	0.012500000	0.0000000	0.0	1	1	6
## 4668	0.020000000	0.0000000	0.0	2	5	6
## 4669	0.108333333	0.0000000	0.0	3	2	1
## 4670	0.166666667	0.0000000	0.8	2	2	7
## 4671	0.072727273	0.0000000	0.6	1	1	1
## 4672	0.160000000	0.0000000	0.6	2	4	2
## 4673	0.075000000	0.0000000	1.0	1	1	1
## 4674	0.047619048	0.0000000	0.0	2	4	1
## 4675	0.006666667	0.0000000	0.0	1	2	1
## 4676	0.075000000	0.0000000	0.0	3	2	3
## 4677	0.042922078	3.2295182	1.0	2	2	6
## 4678	0.106666667	0.0000000	0.2	2	2	2
## 4679	0.039361702	0.0000000	0.0	2	2	3
## 4680	0.016666667	0.0000000	0.4	3	2	7
## 4681	0.004747475	12.6154343	0.0	2	2	5
## 4682	0.001282051	0.0000000	0.0	3	2	8
## 4683	0.034895833	0.0000000	0.6	1	1	1
## 4684	0.030083333	0.0000000	0.0	2	2	3
## 4685	0.030434783	27.8191304	0.0	1	1	3
## 4686	0.026731602	15.0258377	0.0	3	2	3
## 4687	0.029487179	0.0000000	0.0	1	1	4
## 4688	0.030769231	0.0000000	0.0	4	5	1
## 4689	0.040000000	0.0000000	0.0	1	8	1
## 4690	0.012500000	0.0000000	0.0	2	5	1
## 4691	0.108333333	0.0000000	0.0	1	1	3
## 4692	0.120000000	0.0000000	0.6	2	2	1
## 4693	0.026388889	8.4525000	0.0	1	1	1
## 4694	0.050000000	0.0000000	0.0	2	2	1
## 4695	0.030000000	0.0000000	0.0	1	1	6
## 4696	0.014285714	23.1300000	0.0	2	2	1
## 4697	0.033333333	0.0000000	0.0	2	2	6
## 4698	0.019786325	6.7830000	0.0	2	4	5
## 4699	0.017351598	11.8290411	0.8	2	2	1
## 4700	0.034615385	0.0000000	0.6	2	2	1
## 4701	0.067530864	0.0000000	0.0	3	2	2
## 4702	0.062500000	0.0000000	0.0	3	2	4
## 4703	0.017647059	0.0000000	0.8	2	2	1
## 4704	0.015432099	6.0767346	0.0	1	1	1
## 4705	0.005555556	0.0000000	0.0	3	2	6
## 4706	0.020000000	0.0000000	0.0	3	2	4
## 4707	0.094444444	0.0000000	0.0	1	1	1
## 4708	0.050000000	0.0000000	0.0	2	2	7
## 4709	0.011728395	19.1105000	0.0	2	2	4
## 4710	0.010344828	0.0000000	0.0	2	2	1
## 4711	0.025000000	23.2350000	0.0	1	1	1
## 4712	0.060877193	0.0000000	0.6	2	2	1
## 4713	0.027115142	0.0000000	0.6	2	5	2
## 4714	0.100000000	0.0000000	0.0	2	2	1

## 4715	0.032738095	22.9353107	0.6	1	1	1
## 4716	0.019559500	0.0000000	0.0	2	2	3
## 4717	0.050000000	0.0000000	0.0	2	4	3
## 4718	0.037130178	0.0000000	0.8	2	4	3
## 4719	0.028888889	4.1976000	0.0	2	2	8
## 4720	0.133333333	0.0000000	0.0	2	2	3
## 4721	0.005379499	0.9028357	0.0	2	2	3
## 4722	0.022222222	0.0000000	0.0	2	2	1
## 4723	0.023773007	0.0000000	1.0	3	2	2
## 4724	0.033333333	0.0000000	0.6	2	5	3
## 4725	0.022222222	36.2560000	0.4	2	2	5
## 4726	0.007407407	9.0653333	0.0	1	10	1
## 4727	0.050000000	0.0000000	0.8	2	2	5
## 4728	0.008064516	84.3066384	0.0	2	2	2
## 4729	0.014285714	0.0000000	0.6	2	2	2
## 4730	0.008484848	0.0000000	0.0	1	1	4
## 4731	0.045454545	0.0000000	0.0	2	2	4
## 4732	0.072222222	0.0000000	0.0	3	2	3
## 4733	0.012500000	0.0000000	0.0	2	6	3
## 4734	0.200000000	0.0000000	0.0	3	2	5
## 4735	0.010526316	28.0345263	0.2	2	2	2
## 4736	0.046071429	0.0000000	0.0	2	2	2
## 4737	0.020880682	0.0000000	0.0	3	2	5
## 4738	0.052318841	0.0000000	0.8	3	2	2
## 4739	0.075000000	0.0000000	0.0	3	2	3
## 4740	0.040000000	0.0000000	0.0	2	4	1
## 4741	0.100000000	0.0000000	0.0	2	2	7
## 4742	0.010691824	0.0000000	0.0	3	2	3
## 4743	0.020000000	24.2865000	0.0	2	5	5
## 4744	0.004347826	0.0000000	0.0	2	2	7
## 4745	0.020000000	0.0000000	0.0	2	2	2
## 4746	0.122222222	0.0000000	0.4	3	2	1
## 4747	0.066666667	0.0000000	0.0	3	2	3
## 4748	0.015384615	0.0000000	0.0	3	2	2
## 4749	0.106000000	0.0000000	1.0	2	2	1
## 4750	0.055555556	0.0000000	0.0	3	2	4
## 4751	0.012318841	17.1907391	0.0	3	2	1
## 4752	0.100000000	0.0000000	0.2	2	2	3
## 4753	0.040000000	0.0000000	0.6	2	2	5
## 4754	0.020329446	15.2503375	0.6	2	2	3
## 4755	0.010682540	16.7842023	0.0	3	2	5
## 4756	0.022222222	0.0000000	1.0	2	2	4
## 4757	0.025000000	0.0000000	0.0	2	2	1
## 4758	0.060000000	0.0000000	0.0	1	1	2
## 4759	0.049230769	0.0000000	0.0	2	2	1
## 4760	0.025000000	0.0000000	0.0	2	2	1
## 4761	0.015384615	0.0000000	0.0	1	1	3
## 4762	0.024380952	0.0000000	0.8	2	2	7
## 4763	0.050000000	0.0000000	0.6	3	2	3
## 4764	0.018181818	0.0000000	0.0	2	2	1
## 4765	0.015789474	0.0000000	0.6	1	1	1
## 4766	0.011078431	0.0000000	0.0	2	2	2
## 4767	0.010370370	0.0000000	0.0	2	2	4
## 4768	0.070000000	0.0000000	0.0	1	1	1

## 4769	0.031944444	0.0000000	0.4	2	2	6
## 4770	0.024137931	0.0000000	0.0	3	2	5
## 4771	0.011111111	0.0000000	0.0	1	1	1
## 4772	0.097142857	0.0000000	0.0	3	2	1
## 4773	0.007407407	0.0000000	0.0	1	1	3
## 4774	0.012000000	0.0000000	0.8	2	2	1
## 4775	0.013089192	26.2793316	0.4	2	2	2
## 4776	0.095402299	0.0000000	0.8	2	2	1
## 4777	0.050000000	0.0000000	0.0	2	2	1
## 4778	0.019666667	0.0000000	0.0	3	2	3
## 4779	0.029964539	11.9639681	0.2	1	2	4
## 4780	0.025787879	0.0000000	0.0	2	2	1
## 4781	0.200000000	0.0000000	0.4	2	2	1
## 4782	0.042307692	0.0000000	0.0	1	1	1
## 4783	0.050000000	0.0000000	0.4	2	2	1
## 4784	0.013043478	0.0000000	0.0	3	2	4
## 4785	0.050606061	0.0000000	0.4	3	2	1
## 4786	0.028571429	0.0000000	0.0	2	2	7
## 4787	0.033333333	0.0000000	0.0	2	2	1
## 4788	0.020833333	0.0000000	0.0	2	2	1
## 4789	0.050000000	0.0000000	0.0	3	2	3
## 4790	0.010000000	0.0000000	0.0	1	1	1
## 4791	0.016666667	0.0000000	0.4	3	2	8
## 4792	0.007142857	0.0000000	0.0	2	2	1
## 4793	0.008163265	0.0000000	0.0	4	1	1
## 4794	0.090322581	0.0000000	0.4	2	4	3
## 4795	0.200000000	0.0000000	0.0	1	8	1
## 4796	0.200000000	0.0000000	0.0	3	2	7
## 4797	0.047560976	0.0000000	0.4	2	2	1
## 4798	0.125000000	0.0000000	0.8	3	2	7
## 4799	0.018181818	58.1672727	0.0	1	1	1
## 4800	0.070000000	0.0000000	1.0	1	1	3
## 4801	0.014619883	0.0000000	0.0	2	2	3
## 4802	0.085714286	0.0000000	0.0	2	2	6
## 4803	0.034482887	14.9848750	0.4	2	2	3
## 4804	0.010344828	0.0000000	0.0	1	1	2
## 4805	0.037838384	0.0000000	1.0	1	1	3
## 4806	0.008888889	0.0000000	0.0	1	1	1
## 4807	0.058000000	0.0000000	0.0	3	2	6
## 4808	0.010233918	20.1179298	0.0	2	5	6
## 4809	0.038133333	0.0000000	1.0	3	2	3
## 4810	0.050000000	0.0000000	0.8	2	2	9
## 4811	0.044501535	0.0000000	0.8	3	2	1
## 4812	0.018181818	31.9800000	0.0	1	2	8
## 4813	0.016666667	0.0000000	0.2	3	2	3
## 4814	0.016458333	0.0000000	0.0	3	2	1
## 4815	0.040000000	0.0000000	0.0	2	2	3
## 4816	0.066666667	0.0000000	0.4	1	2	8
## 4817	0.042207792	0.0000000	0.0	1	2	4
## 4818	0.100000000	0.0000000	0.6	4	1	4
## 4819	0.016666667	0.0000000	0.0	1	1	3
## 4820	0.200000000	0.0000000	0.0	2	5	7
## 4821	0.006862745	0.0000000	0.0	3	2	1
## 4822	0.027083333	15.8183958	0.0	2	2	5

## 4823	0.088461538	0.0000000	0.4	2	2	6
## 4824	0.048412698	0.0000000	0.0	3	2	8
## 4825	0.007142857	0.0000000	0.0	2	2	1
## 4826	0.015384615	0.0000000	0.0	2	2	5
## 4827	0.020000000	0.0000000	0.0	2	2	1
## 4828	0.016666667	0.0000000	0.0	1	1	1
## 4829	0.200000000	0.0000000	0.0	3	6	2
## 4830	0.016666667	0.0000000	0.0	1	1	8
## 4831	0.001600000	0.0000000	0.0	3	2	3
## 4832	0.012500000	0.0000000	0.0	1	1	3
## 4833	0.004444444	0.0000000	0.6	1	1	1
## 4834	0.040017253	6.6736957	1.0	3	2	1
## 4835	0.025810811	6.0943243	0.0	3	2	2
## 4836	0.009523810	28.2539551	0.0	2	2	3
## 4837	0.024074074	0.0000000	1.0	4	1	1
## 4838	0.100000000	0.0000000	0.0	2	2	3
## 4839	0.059259259	0.0000000	0.0	3	2	4
## 4840	0.028787879	0.0000000	0.0	3	2	6
## 4841	0.050000000	0.0000000	0.6	2	2	1
## 4842	0.125000000	0.0000000	0.8	2	2	2
## 4843	0.055604396	0.0000000	0.0	2	2	1
## 4844	0.013333333	0.0000000	0.0	1	1	1
## 4845	0.066666667	0.0000000	0.0	2	2	1
## 4846	0.007894737	0.0000000	0.0	2	2	1
## 4847	0.200000000	0.0000000	0.0	2	2	9
## 4848	0.066666667	0.0000000	0.8	3	2	8
## 4849	0.032986111	0.0000000	0.4	3	2	6
## 4850	0.035238095	16.0906500	0.6	2	2	1
## 4851	0.116666667	0.0000000	0.2	3	2	6
## 4852	0.030238095	24.8970000	0.0	2	2	5
## 4853	0.100000000	0.0000000	0.8	3	2	2
## 4854	0.013000000	109.5876000	0.0	2	2	7
## 4855	0.006504065	28.9418049	0.2	2	2	7
## 4856	0.157142857	0.0000000	0.4	1	1	6
## 4857	0.022222222	0.0000000	0.0	2	4	9
## 4858	0.200000000	0.0000000	0.0	2	2	4
## 4859	0.040147783	0.0000000	0.0	3	2	8
## 4860	0.002439024	21.0798049	0.0	1	1	6
## 4861	0.166666667	0.0000000	0.0	3	2	2
## 4862	0.024285714	0.0000000	0.0	2	4	7
## 4863	0.033333333	0.0000000	0.0	2	2	1
## 4864	0.017283951	32.9853333	0.0	1	1	1
## 4865	0.029541047	0.0000000	0.8	3	2	2
## 4866	0.050000000	0.0000000	0.2	2	2	1
## 4867	0.050000000	0.0000000	0.6	4	1	1
## 4868	0.022481685	12.0819226	0.2	1	1	1
## 4869	0.015263169	6.1493439	0.4	2	2	3
## 4870	0.096666667	0.0000000	0.4	1	1	1
## 4871	0.015384615	0.0000000	0.0	2	2	2
## 4872	0.054166667	0.0000000	0.0	3	2	1
## 4873	0.018181818	54.5345455	0.0	2	4	8
## 4874	0.020148148	0.0000000	0.8	2	2	2
## 4875	0.040740741	0.0000000	0.4	4	1	2
## 4876	0.052631579	11.3864210	0.0	4	1	6

##	4877	0.005882353	30.5764706	0.0	2	2	1
##	4878	0.036363636	0.0000000	0.0	2	10	2
##	4879	0.005319149	0.0000000	0.0	2	5	7
##	4880	0.015789474	11.3346316	0.0	2	2	2
##	4881	0.009851670	0.0000000	0.0	1	1	1
##	4882	0.013347763	1.0360909	0.0	2	2	1
##	4883	0.040000000	0.0000000	0.0	2	2	1
##	4884	0.011111111	0.0000000	0.0	3	2	1
##	4885	0.010481956	20.6247414	0.0	1	1	6
##	4886	0.200000000	0.0000000	0.2	3	2	1
##	4887	0.014426543	1.3241354	0.0	2	2	8
##	4888	0.100000000	0.0000000	0.6	3	2	1
##	4889	0.054666667	0.0000000	0.4	2	2	1
##	4890	0.031182796	0.0000000	0.0	2	2	2
##	4891	0.059895833	0.0000000	0.8	2	2	1
##	4892	0.025088095	5.5400247	0.6	2	2	4
##	4893	0.018181818	0.0000000	0.0	2	4	1
##	4894	0.041176471	0.0000000	0.0	2	5	4
##	4895	0.055504202	3.5548478	0.0	3	2	1
##	4896	0.066666667	0.0000000	0.0	2	2	3
##	4897	0.000555556	0.0000000	0.0	2	2	7
##	4898	0.027027027	67.7368649	0.0	2	2	1
##	4899	0.060000000	0.0000000	1.0	3	2	3
##	4900	0.007830405	0.0000000	0.0	2	4	3
##	4901	0.066666667	0.0000000	1.0	2	2	6
##	4902	0.100000000	0.0000000	0.0	1	2	1
##	4903	0.015161650	0.0000000	0.0	3	2	1
##	4904	0.150000000	0.0000000	0.0	2	2	3
##	4905	0.093333333	0.0000000	0.4	3	2	1
##	4906	0.024839744	0.0000000	0.0	2	2	3
##	4907	0.025000000	30.3236000	0.6	1	1	1
##	4908	0.041777778	0.0000000	0.0	2	5	1
##	4909	0.015583850	0.0000000	0.0	2	2	1
##	4910	0.166666667	0.0000000	0.6	1	1	3
##	4911	0.009523810	0.0000000	0.0	2	2	6
##	4912	0.088888889	0.0000000	0.8	2	2	3
##	4913	0.009761905	0.0000000	0.0	2	2	5
##	4914	0.061904762	0.0000000	0.6	2	4	9
##	4915	0.038333333	0.0000000	0.0	1	1	1
##	4916	0.100000000	0.0000000	0.0	3	2	3
##	4917	0.012121212	11.9695455	0.0	2	2	1
##	4918	0.040000000	17.2704000	0.0	2	4	3
##	4919	0.032000000	21.5952000	0.0	2	6	1
##	4920	0.052380952	0.0000000	0.6	2	2	9
##	4921	0.133333333	0.0000000	0.0	2	2	4
##	4922	0.023982684	7.2597500	0.0	2	4	2
##	4923	0.100000000	0.0000000	0.0	3	2	6
##	4924	0.048188406	17.7068484	0.0	2	2	4
##	4925	0.041356389	0.0000000	0.4	3	2	1
##	4926	0.040000000	0.0000000	0.0	2	2	1
##	4927	0.025000000	0.0000000	0.0	2	2	2
##	4928	0.003448276	30.8772414	0.2	2	2	2
##	4929	0.024074074	0.0000000	0.0	2	4	3
##	4930	0.003448276	80.1180000	0.0	2	4	3

## 4931	0.050000000	0.0000000	0.0	1	8	1
## 4932	0.016666667	0.0000000	0.6	2	2	2
## 4933	0.033333333	0.0000000	0.6	3	2	1
## 4934	0.020772947	0.0000000	0.4	2	6	7
## 4935	0.018181818	0.0000000	0.0	1	8	3
## 4936	0.028000000	0.0000000	0.0	1	8	2
## 4937	0.008333333	28.1627500	0.0	2	2	1
## 4938	0.042647059	0.0000000	0.0	1	1	8
## 4939	0.200000000	0.0000000	0.0	3	2	3
## 4940	0.013131313	0.0000000	0.2	1	1	1
## 4941	0.033988025	5.8161680	0.0	2	2	6
## 4942	0.033333333	0.0000000	0.0	2	5	4
## 4943	0.018055556	0.0000000	0.0	2	6	4
## 4944	0.044927536	0.0000000	0.8	2	2	2
## 4945	0.033333333	0.0000000	0.0	2	2	1
## 4946	0.044444444	0.0000000	0.0	2	2	2
## 4947	0.200000000	0.0000000	0.0	2	2	2
## 4948	0.012222222	0.0000000	0.0	2	2	1
## 4949	0.021000000	0.0000000	0.0	2	2	1
## 4950	0.016666667	25.4840000	0.6	2	2	1
## 4951	0.011111111	0.0000000	0.0	3	2	1
## 4952	0.005000000	0.0000000	0.0	4	2	1
## 4953	0.033333333	0.0000000	0.0	1	1	1
## 4954	0.017647059	8.9268235	0.0	2	2	9
## 4955	0.028571429	44.5611429	0.6	2	4	9
## 4956	0.013333333	0.0000000	0.0	6	2	4
## 4957	0.008333333	0.0000000	0.0	2	2	4
## 4958	0.133333333	0.0000000	0.0	2	4	3
## 4959	0.031679160	3.4853525	0.0	1	1	8
## 4960	0.014267214	3.8903502	0.0	2	5	6
## 4961	0.020000000	22.7380000	0.0	1	1	6
## 4962	0.011431235	54.6571487	0.0	1	5	1
## 4963	0.055127258	1.4569515	1.0	1	1	1
## 4964	0.019047619	13.9900000	0.0	2	2	7
## 4965	0.030769231	0.0000000	0.2	2	2	2
## 4966	0.002352941	51.6070588	0.0	2	2	4
## 4967	0.023529412	0.0000000	0.0	2	2	1
## 4968	0.038888889	0.0000000	0.6	2	2	8
## 4969	0.005252101	0.0000000	0.0	2	2	7
## 4970	0.019057903	12.4509902	0.0	1	1	3
## 4971	0.000292398	0.0000000	0.0	1	1	3
## 4972	0.071018519	0.0000000	0.8	2	2	4
## 4973	0.028571429	0.0000000	0.0	3	2	4
## 4974	0.014285714	0.0000000	0.0	2	2	4
## 4975	0.013793271	6.7383952	0.0	2	2	9
## 4976	0.040000000	0.0000000	0.0	1	1	1
## 4977	0.028571429	0.0000000	0.0	2	2	4
## 4978	0.076470588	0.0000000	0.0	4	2	4
## 4979	0.100000000	0.0000000	0.0	3	2	1
## 4980	0.009743590	0.0000000	0.4	2	2	2
## 4981	0.032461962	0.0000000	0.0	3	2	1
## 4982	0.007668232	0.0000000	0.0	2	4	3
## 4983	0.035087719	0.0000000	1.0	1	1	1
## 4984	0.034615385	0.0000000	0.0	2	2	1

## 4985	0.021052632	0.0000000	0.0	3	2	6
## 4986	0.005555556	16.3224444	0.0	3	2	6
## 4987	0.042941176	33.1128000	0.8	2	2	1
## 4988	0.039475088	3.3239713	0.4	3	2	8
## 4989	0.012500000	0.0000000	0.0	2	2	3
## 4990	0.064285714	0.0000000	0.2	2	4	1
## 4991	0.016666667	0.0000000	0.4	4	2	2
## 4992	0.040000000	0.0000000	0.6	2	10	1
## 4993	0.021138211	0.0000000	0.6	2	5	1
## 4994	0.100000000	0.0000000	0.0	1	1	1
## 4995	0.007407407	0.0000000	0.8	2	4	1
## 4996	0.024863655	0.0000000	0.4	3	2	3
## 4997	0.003636364	11.9880000	1.0	1	8	1
## 4998	0.060000000	0.0000000	0.6	2	2	3
## 4999	0.066666667	0.0000000	0.4	2	2	3
## 5000	0.020000000	0.0000000	0.8	2	2	1
## 5001	0.019379845	24.9014419	0.2	1	2	1
## 5002	0.046428571	0.0000000	0.0	2	2	6
## 5003	0.055555556	0.0000000	0.4	2	2	1
## 5004	0.023361582	26.9379237	0.0	2	2	7
## 5005	0.018777882	0.0000000	0.0	3	2	4
## 5006	0.066666667	0.0000000	0.4	2	2	6
## 5007	0.033333333	0.0000000	0.0	2	2	7
## 5008	0.003571429	0.0000000	0.0	2	2	3
## 5009	0.054460641	13.1840816	0.8	2	10	3
## 5010	0.016287879	0.0000000	0.2	2	2	3
## 5011	0.023076923	72.5207692	0.0	2	4	1
## 5012	0.016190476	0.0000000	0.6	2	5	1
## 5013	0.060000000	0.0000000	0.0	2	2	7
## 5014	0.014102564	0.0000000	0.0	1	1	1
## 5015	0.011111111	0.0000000	0.0	2	2	1
## 5016	0.030000000	0.0000000	0.0	3	2	5
## 5017	0.021052632	0.0000000	0.0	2	10	2
## 5018	0.016231884	17.9479710	0.0	1	2	5
## 5019	0.036149660	0.0000000	0.0	3	2	2
## 5020	0.020512821	0.0000000	0.0	3	2	3
## 5021	0.092083333	0.0000000	0.2	3	2	1
## 5022	0.035714286	0.0000000	0.4	2	2	1
## 5023	0.025876068	11.8769143	1.0	2	2	1
## 5024	0.200000000	0.0000000	0.0	1	1	1
## 5025	0.200000000	0.0000000	0.0	2	4	4
## 5026	0.050000000	0.0000000	0.0	3	2	3
## 5027	0.090666667	0.0000000	0.8	3	2	3
## 5028	0.023550725	0.0000000	0.0	2	2	1
## 5029	0.014814815	20.1355556	0.0	2	5	3
## 5030	0.066666667	0.0000000	0.8	2	2	4
## 5031	0.015762787	0.0000000	0.0	2	4	1
## 5032	0.041201814	0.0000000	0.8	3	2	1
## 5033	0.046428571	0.0000000	0.0	2	5	1
## 5034	0.019166667	0.0000000	0.0	1	1	1
## 5035	0.033333333	0.0000000	0.0	1	1	1
## 5036	0.200000000	0.0000000	0.0	2	10	5
## 5037	0.020833333	0.0000000	0.0	3	2	2
## 5038	0.200000000	0.0000000	0.8	3	2	1

## 5039	0.042323232	5.6941212	0.0	2	2	1
## 5040	0.008735669	0.0000000	0.0	1	1	6
## 5041	0.036678391	0.0000000	0.2	4	5	3
## 5042	0.028272059	0.0000000	1.0	3	2	6
## 5043	0.048194444	0.0000000	0.2	3	2	1
## 5044	0.036472303	0.0000000	0.8	2	2	3
## 5045	0.009937888	0.0000000	0.0	2	4	1
## 5046	0.075000000	0.0000000	0.0	2	2	3
## 5047	0.050000000	0.0000000	0.4	1	1	7
## 5048	0.057142857	0.0000000	0.4	1	1	1
## 5049	0.066666667	0.0000000	0.0	1	8	6
## 5050	0.047183099	0.0000000	0.6	2	4	8
## 5051	0.006150794	36.8992143	0.6	2	10	1
## 5052	0.066666667	0.0000000	0.0	3	2	1
## 5053	0.010000000	0.0000000	0.0	2	4	1
## 5054	0.006976744	0.0000000	0.0	2	4	1
## 5055	0.014285714	0.0000000	0.0	2	2	1
## 5056	0.026000000	0.0000000	1.0	6	5	3
## 5057	0.087179487	0.0000000	0.8	3	2	6
## 5058	0.003954802	59.1244678	0.0	1	1	6
## 5059	0.028571429	0.0000000	0.0	1	1	3
## 5060	0.008333333	0.0000000	0.8	2	2	3
## 5061	0.175000000	0.0000000	0.6	3	2	3
## 5062	0.200000000	0.0000000	0.0	2	4	3
## 5063	0.025517241	0.0000000	0.2	3	2	1
## 5064	0.012500000	0.0000000	0.0	1	1	4
## 5065	0.200000000	0.0000000	0.0	2	2	5
## 5066	0.200000000	0.0000000	0.0	3	2	3
## 5067	0.000263158	0.0000000	0.4	2	2	3
## 5068	0.013478622	2.6907926	0.0	2	2	6
## 5069	0.024019608	3.1110471	0.6	2	2	1
## 5070	0.013333333	22.7380000	0.0	3	2	4
## 5071	0.005263158	0.0000000	0.0	1	2	1
## 5072	0.005813953	0.0000000	0.0	2	5	4
## 5073	0.041369048	13.9970833	0.0	2	2	6
## 5074	0.006349206	0.0000000	0.0	2	2	1
## 5075	0.200000000	0.0000000	1.0	3	2	7
## 5076	0.036190476	0.0000000	1.0	3	3	3
## 5077	0.021727273	0.0000000	0.0	3	2	4
## 5078	0.014344857	8.3535080	0.2	2	2	1
## 5079	0.044444444	0.0000000	0.0	3	2	1
## 5080	0.015431438	0.7638290	0.0	2	2	1
## 5081	0.008824665	0.0000000	0.0	2	2	2
## 5082	0.054736842	0.0000000	0.8	1	1	2
## 5083	0.200000000	0.0000000	0.0	3	2	3
## 5084	0.150000000	0.0000000	0.8	2	2	1
## 5085	0.100000000	0.0000000	0.0	2	2	6
## 5086	0.062500000	0.0000000	0.6	1	1	8
## 5087	0.022368421	14.8405380	0.0	2	2	3
## 5088	0.037500000	0.0000000	0.4	2	2	4
## 5089	0.020182874	0.0000000	0.8	3	2	3
## 5090	0.060606061	0.0000000	0.4	1	1	3
## 5091	0.200000000	0.0000000	0.2	1	1	1
## 5092	0.100000000	0.0000000	0.4	2	2	1

##	5093	0.050000000	0.0000000	0.4	2	2	8
##	5094	0.014545455	13.8185273	0.0	2	5	2
##	5095	0.057142857	0.0000000	0.0	2	2	1
##	5096	0.022222222	0.0000000	0.0	4	2	7
##	5097	0.088333333	0.0000000	0.6	3	2	6
##	5098	0.150000000	0.0000000	0.6	2	2	1
##	5099	0.006666667	0.0000000	0.0	2	4	4
##	5100	0.007317073	0.0000000	0.0	2	5	1
##	5101	0.012500000	0.0000000	0.0	2	2	2
##	5102	0.021992481	26.4508224	0.0	1	1	2
##	5103	0.200000000	0.0000000	0.4	2	2	1
##	5104	0.051578947	0.0000000	0.6	2	2	4
##	5105	0.122222222	0.0000000	0.8	3	2	1
##	5106	0.052000000	0.0000000	0.0	3	2	3
##	5107	0.038095238	0.0000000	1.0	1	1	2
##	5108	0.033333333	0.0000000	1.0	2	6	1
##	5109	0.005555556	0.0000000	0.0	3	2	3
##	5110	0.007297297	0.0000000	0.0	2	2	4
##	5111	0.007692308	0.0000000	0.0	2	4	3
##	5112	0.036956522	0.0000000	0.0	2	2	7
##	5113	0.042121212	0.0000000	0.0	3	2	4
##	5114	0.011111111	0.0000000	0.4	3	2	4
##	5115	0.004545455	0.0000000	0.0	3	2	3
##	5116	0.006190476	22.4582143	0.0	3	2	3
##	5117	0.040740741	0.0000000	0.0	4	1	1
##	5118	0.011111111	39.1500000	0.0	2	2	3
##	5119	0.015384615	23.3880000	0.0	2	2	3
##	5120	0.048014184	0.0000000	0.2	2	4	1
##	5121	0.015691057	0.0000000	0.0	2	2	3
##	5122	0.017391304	0.0000000	0.0	3	2	1
##	5123	0.012783365	0.0000000	0.0	2	2	4
##	5124	0.051268674	0.0000000	0.6	3	3	5
##	5125	0.040000000	0.0000000	0.0	1	1	3
##	5126	0.020000000	0.0000000	0.0	2	2	3
##	5127	0.050000000	0.0000000	0.0	2	2	1
##	5128	0.029500000	0.0000000	1.0	3	2	1
##	5129	0.015686275	14.3880000	0.0	1	1	1
##	5130	0.047619048	0.0000000	1.0	1	8	7
##	5131	0.012698413	10.8721286	0.0	2	4	6
##	5132	0.004255319	3.6636170	0.8	2	5	3
##	5133	0.011562500	0.0000000	0.0	1	1	1
##	5134	0.021816239	21.3180000	0.0	6	2	4
##	5135	0.200000000	0.0000000	0.0	3	2	9
##	5136	0.050000000	0.0000000	0.0	1	1	7
##	5137	0.046666667	11.1930000	0.0	1	1	1
##	5138	0.066666667	0.0000000	0.8	1	1	9
##	5139	0.015787285	6.3808627	0.0	2	2	1
##	5140	0.012903226	0.0000000	0.0	3	2	3
##	5141	0.028571429	29.9028214	0.2	2	2	9
##	5142	0.012500000	0.0000000	0.0	1	8	1
##	5143	0.010302067	2.9041772	0.0	2	2	4
##	5144	0.016666667	0.0000000	0.0	1	2	3
##	5145	0.005555556	0.0000000	0.0	1	1	3
##	5146	0.014534161	7.8804783	0.0	3	2	3

## 5147	0.008333333	0.0000000	0.0	4	5	9
## 5148	0.021621622	0.0000000	0.0	2	2	1
## 5149	0.041142857	0.0000000	0.0	2	2	1
## 5150	0.036363636	0.0000000	0.0	2	5	1
## 5151	0.007407407	0.0000000	0.0	3	2	1
## 5152	0.042857143	39.4200000	0.0	2	2	1
## 5153	0.042857143	0.0000000	0.2	2	2	3
## 5154	0.100000000	0.0000000	0.0	2	2	1
## 5155	0.158333333	0.0000000	0.8	3	2	1
## 5156	0.075000000	0.0000000	0.4	1	1	3
## 5157	0.025000000	0.0000000	0.6	2	4	1
## 5158	0.080000000	0.0000000	0.0	3	3	1
## 5159	0.011111111	40.8711111	0.0	2	10	3
## 5160	0.200000000	0.0000000	0.0	1	1	1
## 5161	0.016666667	0.0000000	0.0	2	2	1
## 5162	0.045454545	0.0000000	0.0	1	1	4
## 5163	0.059661836	1.6803188	0.8	2	6	5
## 5164	0.005882353	0.0000000	0.0	2	2	7
## 5165	0.026417863	0.0000000	0.6	2	2	4
## 5166	0.006666667	0.0000000	0.8	2	2	1
## 5167	0.028571429	0.0000000	0.6	1	2	3
## 5168	0.031764706	31.7576471	0.0	2	2	8
## 5169	0.011038961	0.0000000	0.0	1	1	4
## 5170	0.010000000	62.8660000	0.0	2	2	4
## 5171	0.004065041	0.0000000	0.0	1	1	6
## 5172	0.022463768	0.0000000	0.0	4	1	1
## 5173	0.004000000	0.0000000	0.4	2	2	1
## 5174	0.011363636	19.2121894	0.0	2	2	3
## 5175	0.001785714	0.0000000	0.0	2	4	1
## 5176	0.028571429	0.0000000	0.0	2	2	6
## 5177	0.016153274	0.0000000	0.0	3	2	6
## 5178	0.025517241	0.0000000	0.8	3	2	3
## 5179	0.014772727	0.0000000	0.2	2	4	3
## 5180	0.034666667	0.0000000	0.0	2	6	8
## 5181	0.133333333	0.0000000	0.0	2	2	1
## 5182	0.057142857	0.0000000	0.0	1	1	3
## 5183	0.100000000	0.0000000	0.2	2	2	3
## 5184	0.028205128	0.0000000	0.4	4	1	9
## 5185	0.018181818	37.5185454	0.0	2	2	3
## 5186	0.020506536	7.3006569	0.0	2	2	1
## 5187	0.002105263	0.0000000	0.0	2	2	1
## 5188	0.009591837	0.0000000	0.0	2	2	5
## 5189	0.200000000	0.0000000	0.8	3	2	1
## 5190	0.020000000	0.0000000	0.0	2	2	4
## 5191	0.024884615	19.3154000	0.0	3	2	1
## 5192	0.003508772	0.0000000	0.0	2	2	1
## 5193	0.058333333	0.0000000	0.6	2	6	2
## 5194	0.028461538	0.0000000	0.0	3	3	1
## 5195	0.200000000	0.0000000	0.2	2	5	1
## 5196	0.200000000	0.0000000	0.0	1	1	1
## 5197	0.003333333	0.0000000	0.0	2	2	1
## 5198	0.100000000	0.0000000	0.2	1	1	1
## 5199	0.042023810	0.0000000	0.0	3	2	8
## 5200	0.031811847	1.1640754	0.8	3	2	6

##	5201	0.004347826	17.3739130	0.0	2	2	7
##	5202	0.064705882	0.0000000	0.0	1	1	1
##	5203	0.200000000	0.0000000	0.2	2	2	3
##	5204	0.022222222	49.3880000	0.0	2	2	1
##	5205	0.032758621	0.0000000	0.0	3	2	1
##	5206	0.150000000	0.0000000	0.2	2	2	7
##	5207	0.037500000	0.0000000	0.0	1	1	1
##	5208	0.042651515	0.0000000	0.4	2	2	4
##	5209	0.047575758	0.0000000	0.0	1	1	1
##	5210	0.028260870	68.8570435	0.0	2	2	1
##	5211	0.042666667	0.0000000	0.4	1	8	8
##	5212	0.001626016	113.1512195	0.0	2	2	1
##	5213	0.150000000	0.0000000	0.0	2	5	8
##	5214	0.200000000	0.0000000	0.4	1	1	3
##	5215	0.125000000	0.0000000	0.8	2	2	4
##	5216	0.014035088	0.0000000	0.0	3	3	6
##	5217	0.005098039	0.0000000	0.0	3	2	1
##	5218	0.022727273	53.6629091	0.0	1	1	6
##	5219	0.053846154	0.0000000	0.0	2	2	4
##	5220	0.040350877	0.0000000	0.4	4	2	3
##	5221	0.050000000	0.0000000	0.0	3	2	1
##	5222	0.025308642	8.4885185	0.0	4	1	4
##	5223	0.019047619	0.0000000	0.0	2	4	7
##	5224	0.040000000	0.0000000	0.0	2	2	1
##	5225	0.050000000	0.0000000	0.8	2	5	3
##	5226	0.087500000	0.0000000	0.0	1	1	3
##	5227	0.033333333	0.0000000	0.0	4	1	3
##	5228	0.051929825	0.0000000	1.0	3	2	1
##	5229	0.086363636	0.0000000	0.4	4	1	1
##	5230	0.050000000	0.0000000	0.2	2	2	4
##	5231	0.057142857	0.0000000	0.6	2	2	4
##	5232	0.055882353	0.0000000	0.0	2	2	2
##	5233	0.050000000	0.0000000	0.0	1	1	1
##	5234	0.125000000	0.0000000	0.6	2	5	1
##	5235	0.010945092	0.0000000	0.0	1	1	2
##	5236	0.016666667	0.0000000	0.8	2	2	4
##	5237	0.045562130	0.0000000	0.6	2	6	2
##	5238	0.100000000	0.0000000	0.0	2	2	3
##	5239	0.057518519	0.0000000	0.6	2	2	4
##	5240	0.020625000	0.0000000	0.2	2	2	3
##	5241	0.009867424	6.5606250	0.0	2	2	6
##	5242	0.016721311	0.0000000	0.0	2	2	1
##	5243	0.033333333	0.0000000	0.0	2	2	1
##	5244	0.033950617	0.0000000	0.0	1	1	1
##	5245	0.002173913	0.0000000	0.0	2	4	3
##	5246	0.200000000	0.0000000	0.0	2	2	9
##	5247	0.049475963	0.0000000	0.8	3	2	3
##	5248	0.066666667	0.0000000	0.0	2	2	3
##	5249	0.100000000	0.0000000	0.0	2	7	4
##	5250	0.007142857	0.0000000	0.4	2	2	3
##	5251	0.066666667	0.0000000	1.0	3	2	1
##	5252	0.020833333	0.0000000	0.0	2	2	4
##	5253	0.114285714	0.0000000	1.0	3	2	1
##	5254	0.066666667	0.0000000	0.0	2	5	1

##	5255	0.050000000	0.0000000	0.6	2	4	6
##	5256	0.016930138	1.1197590	0.8	2	2	3
##	5257	0.027164502	0.0000000	0.8	3	2	1
##	5258	0.036666667	0.0000000	0.4	3	2	3
##	5259	0.120000000	0.0000000	0.0	1	1	1
##	5260	0.031250000	22.3191250	0.0	1	1	4
##	5261	0.024867725	27.4449167	0.0	2	4	2
##	5262	0.009827586	0.0000000	0.0	3	2	4
##	5263	0.034482759	0.0000000	0.0	2	2	3
##	5264	0.028070175	0.0000000	0.8	2	2	3
##	5265	0.100000000	0.0000000	0.0	1	1	1
##	5266	0.031513142	4.8588429	0.0	3	2	1
##	5267	0.006666667	0.0000000	0.4	2	2	1
##	5268	0.031399948	0.0000000	0.4	2	2	1
##	5269	0.016666667	0.0000000	0.0	2	2	1
##	5270	0.048529412	0.0000000	0.4	2	2	2
##	5271	0.037500000	0.0000000	0.0	2	2	9
##	5272	0.077777778	0.0000000	0.2	2	6	6
##	5273	0.066666667	0.0000000	0.0	1	1	1
##	5274	0.060000000	0.0000000	0.0	2	2	7
##	5275	0.024931582	0.0000000	0.0	2	4	3
##	5276	0.043864469	0.0000000	0.0	2	2	1
##	5277	0.004419192	0.0000000	0.2	3	2	3
##	5278	0.050000000	0.0000000	0.6	2	2	2
##	5279	0.166666667	0.0000000	0.4	1	1	3
##	5280	0.028338002	0.0000000	0.4	2	2	4
##	5281	0.052154195	0.0000000	0.6	2	2	3
##	5282	0.043815476	0.0000000	1.0	3	2	7
##	5283	0.019444444	0.0000000	0.0	4	1	1
##	5284	0.000833333	0.0000000	0.6	2	4	3
##	5285	0.054000000	0.0000000	0.6	2	2	6
##	5286	0.011111111	0.0000000	0.0	3	3	3
##	5287	0.014285714	32.0271429	0.0	2	2	1
##	5288	0.068750000	0.0000000	0.0	2	4	3
##	5289	0.010666667	0.0000000	0.0	1	1	2
##	5290	0.013726336	8.0724262	0.0	2	2	3
##	5291	0.026274510	7.8026111	0.0	2	2	1
##	5292	0.001428571	0.0000000	0.0	1	1	6
##	5293	0.048227559	5.5133459	0.0	4	2	1
##	5294	0.200000000	0.0000000	0.2	3	2	6
##	5295	0.048717949	0.0000000	1.0	2	6	3
##	5296	0.021055381	14.6929310	0.0	1	2	3
##	5297	0.014782609	0.0000000	0.0	3	2	4
##	5298	0.012162162	0.0000000	0.4	2	2	1
##	5299	0.200000000	0.0000000	0.0	6	7	3
##	5300	0.200000000	0.0000000	0.0	3	2	6
##	5301	0.133333333	0.0000000	0.0	3	2	3
##	5302	0.035500000	0.0000000	0.6	2	2	4
##	5303	0.025396825	1.8315000	0.0	2	2	6
##	5304	0.050000000	0.0000000	0.0	2	2	1
##	5305	0.020779221	0.0000000	0.6	2	2	4
##	5306	0.016000000	0.0000000	0.6	2	2	4
##	5307	0.007142857	24.5048571	0.0	3	2	2
##	5308	0.120000000	0.0000000	0.0	3	2	3

##	5309	0.026666667	0.0000000	0.8	2	2	8
##	5310	0.028571429	0.0000000	0.0	2	5	2
##	5311	0.011764706	33.7880000	0.0	1	2	1
##	5312	0.066666667	0.0000000	0.0	2	2	3
##	5313	0.048000000	15.3956000	0.0	2	4	3
##	5314	0.020000000	0.0000000	0.0	2	2	3
##	5315	0.027572016	5.1671333	0.0	3	2	2
##	5316	0.014285714	49.0191429	0.0	2	2	4
##	5317	0.100000000	0.0000000	0.0	2	2	1
##	5318	0.014285714	0.0000000	0.0	2	2	1
##	5319	0.006321839	19.1150690	0.6	2	2	7
##	5320	0.011764706	0.0000000	0.0	2	2	1
##	5321	0.039583333	8.0785312	0.0	2	2	4
##	5322	0.028571429	0.0000000	0.8	2	2	1
##	5323	0.012361111	52.0516500	0.0	3	2	1
##	5324	0.006666667	0.0000000	0.0	4	1	4
##	5325	0.025362319	9.1273913	0.0	2	2	7
##	5326	0.015384615	0.0000000	0.0	1	1	1
##	5327	0.131944444	0.0000000	0.6	3	2	6
##	5328	0.075000000	0.0000000	0.0	2	4	1
##	5329	0.016921296	0.0000000	0.0	1	8	3
##	5330	0.046491228	4.3083158	0.0	1	1	3
##	5331	0.011363949	22.0219716	0.6	2	2	7
##	5332	0.054586466	0.0000000	1.0	1	1	3
##	5333	0.050000000	0.0000000	0.4	2	2	1
##	5334	0.009553204	17.1961152	0.0	2	6	2
##	5335	0.037793427	0.0000000	0.8	3	2	1
##	5336	0.133333333	0.0000000	0.4	2	5	1
##	5337	0.087037037	0.0000000	0.8	3	2	4
##	5338	0.009848485	0.0000000	0.0	1	1	8
##	5339	0.100000000	0.0000000	0.0	2	2	3
##	5340	0.010909616	0.0000000	0.0	3	2	5
##	5341	0.023288614	0.0000000	0.8	3	3	8
##	5342	0.075000000	0.0000000	0.8	2	2	1
##	5343	0.031725417	0.0000000	0.6	2	2	3
##	5344	0.036111111	17.5455000	0.0	2	2	1
##	5345	0.005882353	0.0000000	0.0	2	4	6
##	5346	0.020305773	5.9420256	0.4	2	2	3
##	5347	0.033333333	0.0000000	0.2	4	2	1
##	5348	0.033333333	0.0000000	0.4	2	2	1
##	5349	0.020000000	0.0000000	0.0	2	2	1
##	5350	0.116000000	0.0000000	0.0	1	1	3
##	5351	0.200000000	0.0000000	0.0	3	3	1
##	5352	0.021952663	0.0000000	0.0	2	2	1
##	5353	0.175000000	0.0000000	0.8	3	2	4
##	5354	0.007471264	0.0000000	0.4	2	2	1
##	5355	0.028666667	18.8050500	0.0	3	2	7
##	5356	0.009375000	9.7455000	0.0	2	4	1
##	5357	0.047901224	0.0000000	0.8	2	2	3
##	5358	0.005882353	23.0332941	0.0	2	4	9
##	5359	0.023076923	9.9609231	0.0	1	1	3
##	5360	0.062580645	7.6366452	0.2	2	2	3
##	5361	0.011534392	9.3235317	0.0	6	2	2
##	5362	0.022807018	19.4480000	0.0	2	2	5

##	5363	0.055555556	0.0000000	0.0	2	2	3
##	5364	0.019565217	32.7073044	0.0	2	4	4
##	5365	0.060000000	0.0000000	0.0	1	1	6
##	5366	0.066666667	0.0000000	0.0	2	2	3
##	5367	0.002083333	0.0000000	0.0	3	2	2
##	5368	0.017803379	0.0000000	0.0	2	2	6
##	5369	0.020416667	0.0000000	0.6	3	2	3
##	5370	0.006593407	6.2814945	0.0	2	4	9
##	5371	0.060000000	0.0000000	0.6	3	2	8
##	5372	0.032988166	0.0000000	0.0	1	1	7
##	5373	0.013333333	0.0000000	0.0	2	4	1
##	5374	0.031081081	8.1000000	0.8	2	4	7
##	5375	0.097777778	0.0000000	0.8	3	2	3
##	5376	0.007936508	0.0000000	0.0	2	2	1
##	5377	0.020000000	0.0000000	0.0	2	2	2
##	5378	0.000000000	42.2930675	0.0	1	1	3
##	5379	0.004385965	28.0680499	0.0	2	2	6
##	5380	0.100000000	0.0000000	0.0	2	2	7
##	5381	0.031250000	19.8277089	0.0	2	2	7
##	5382	0.011111111	0.0000000	0.0	2	2	1
##	5383	0.068253968	0.0000000	0.0	3	2	3
##	5384	0.010000000	0.0000000	0.0	3	2	4
##	5385	0.005932203	204.0079491	0.0	2	2	1
##	5386	0.035488428	4.3481456	0.0	1	1	4
##	5387	0.125000000	0.0000000	0.0	3	2	6
##	5388	0.016161616	0.0000000	0.0	1	1	6
##	5389	0.012248677	0.0000000	0.0	2	2	1
##	5390	0.016605750	0.0000000	0.0	2	2	5
##	5391	0.038235294	0.0000000	0.0	1	1	3
##	5392	0.080000000	0.0000000	0.0	2	4	2
##	5393	0.030000000	0.0000000	0.0	1	1	4
##	5394	0.033623455	0.0000000	0.0	4	1	9
##	5395	0.040000000	36.6617829	0.0	2	2	2
##	5396	0.043243243	5.1283582	0.0	2	2	7
##	5397	0.010526316	0.0000000	0.0	1	1	3
##	5398	0.001666667	0.0000000	0.0	2	4	4
##	5399	0.079166667	0.0000000	0.0	4	1	1
##	5400	0.007692308	72.5228385	0.0	1	1	2
##	5401	0.040000000	48.0472620	0.0	2	2	1
##	5402	0.059313725	0.0000000	0.0	3	2	1
##	5403	0.066666667	0.0000000	0.0	1	8	7
##	5404	0.026190476	32.7003447	0.0	2	2	6
##	5405	0.066666667	0.0000000	0.0	1	1	7
##	5406	0.037179487	3.2968273	0.0	2	2	2
##	5407	0.034065934	0.0000000	0.0	3	2	5
##	5408	0.200000000	0.0000000	0.0	2	2	2
##	5409	0.002903226	0.0000000	0.0	2	2	1
##	5410	0.085396825	0.0000000	0.0	3	2	1
##	5411	0.011555556	0.0000000	0.0	2	2	1
##	5412	0.003571429	51.0336252	0.0	2	2	5
##	5413	0.040000000	0.0000000	0.0	1	1	4
##	5414	0.013333333	0.0000000	0.0	2	2	6
##	5415	0.000000000	106.2525169	0.0	1	1	9
##	5416	0.040000000	0.0000000	0.0	1	1	9

## 5417	0.012500000	54.5670487	0.0	4	1	1
## 5418	0.009471471	1.7986699	0.0	1	1	9
## 5419	0.009722222	0.0000000	0.0	3	2	1
## 5420	0.014285714	0.0000000	0.0	1	2	3
## 5421	0.012314449	7.7662809	0.0	2	2	8
## 5422	0.100000000	0.0000000	0.0	4	1	1
## 5423	0.075814536	0.0000000	0.0	2	5	1
## 5424	0.040370370	0.0000000	0.0	3	2	8
## 5425	0.200000000	0.0000000	0.0	1	1	8
## 5426	0.000000000	0.0000000	0.0	1	1	1
## 5427	0.003594771	0.0000000	0.0	4	2	3
## 5428	0.004761905	60.4373778	0.0	1	1	1
## 5429	0.004861111	0.0000000	0.0	2	2	4
## 5430	0.002998087	19.7152954	0.0	2	2	1
## 5431	0.019327731	0.0000000	0.0	3	2	7
## 5432	0.009469697	8.4808463	0.0	1	1	1
## 5433	0.030864198	0.0000000	0.0	1	1	3
## 5434	0.029349567	6.3737706	0.0	1	1	1
## 5435	0.046464646	0.0000000	0.0	2	10	2
## 5436	0.012500000	0.0000000	0.0	2	4	9
## 5437	0.009090909	7.6874506	0.0	2	2	1
## 5438	0.017561939	6.2829046	0.0	3	2	8
## 5439	0.050000000	0.0000000	0.0	4	1	3
## 5440	0.011659808	0.0000000	0.0	1	2	1
## 5441	0.040444444	0.0000000	0.0	2	2	7
## 5442	0.060000000	0.0000000	0.0	2	2	5
## 5443	0.066666667	0.0000000	0.0	3	2	3
## 5444	0.008309991	6.1759320	0.0	2	2	1
## 5445	0.028571429	86.3362327	0.0	1	1	4
## 5446	0.006785714	0.0000000	0.0	3	2	1
## 5447	0.034865900	4.1929804	0.0	4	2	3
## 5448	0.002547045	0.0000000	0.0	2	4	2
## 5449	0.066666667	0.0000000	0.0	2	2	3
## 5450	0.015384615	0.0000000	0.0	1	8	1
## 5451	0.014731380	16.5647848	0.0	3	2	7
## 5452	0.041666667	0.0000000	0.0	2	5	3
## 5453	0.036363636	0.0000000	0.0	3	2	7
## 5454	0.000000000	0.0000000	0.0	2	2	5
## 5455	0.016666667	0.0000000	0.0	3	2	3
## 5456	0.010256410	0.0000000	0.0	2	2	1
## 5457	0.016960486	0.0000000	0.0	2	2	1
## 5458	0.033333333	0.0000000	0.0	3	2	9
## 5459	0.006250000	0.0000000	0.0	2	2	6
## 5460	0.002898551	0.0000000	0.0	3	2	3
## 5461	0.014285714	0.0000000	0.0	1	1	3
## 5462	0.030158730	0.0000000	0.0	3	2	1
## 5463	0.007692308	77.4579855	0.0	2	2	7
## 5464	0.020000000	0.0000000	0.0	4	1	3
## 5465	0.010833333	0.0000000	0.0	2	2	2
## 5466	0.005357143	0.0000000	0.0	2	2	8
## 5467	0.020000000	0.0000000	0.0	2	4	9
## 5468	0.027103099	0.0000000	0.0	3	2	7
## 5469	0.026098901	26.1303487	0.0	3	2	9
## 5470	0.008695652	14.0097922	0.0	2	2	9

## 5471	0.02222222	0.0000000	0.0	2	2	4
## 5472	0.06666667	0.0000000	0.0	1	1	3
## 5473	0.00138889	0.0000000	0.0	1	1	3
## 5474	0.02727272	0.0000000	0.0	2	4	2
## 5475	0.010539084	0.0000000	0.0	2	2	7
## 5476	0.002106490	0.8473380	0.0	2	2	1
## 5477	0.001724138	44.8563869	0.0	1	1	4
## 5478	0.200000000	0.0000000	0.0	1	1	9
## 5479	0.012500000	0.0000000	0.0	1	1	4
## 5480	0.066666667	0.0000000	0.0	2	2	3
## 5481	0.003030303	8.4247874	0.0	2	2	3
## 5482	0.019375648	0.0000000	0.0	7	1	2
## 5483	0.046666667	0.0000000	0.0	3	2	6
## 5484	0.006172840	0.0000000	0.0	2	2	2
## 5485	0.030138889	0.0000000	0.0	1	1	6
## 5486	0.003864734	0.0000000	0.0	2	2	1
## 5487	0.023958333	0.0000000	0.0	2	2	3
## 5488	0.101666667	0.0000000	0.0	1	8	3
## 5489	0.166666667	0.0000000	0.0	3	2	1
## 5490	0.013972431	22.6594133	0.0	2	4	1
## 5491	0.009090909	0.0000000	0.0	2	2	1
## 5492	0.013881932	20.5549453	0.0	3	2	1
## 5493	0.009615385	39.9697155	0.0	1	1	1
## 5494	0.111111111	0.0000000	0.0	1	1	1
## 5495	0.036363636	0.0000000	0.0	1	1	3
## 5496	0.023212197	1.9810384	0.0	3	2	3
## 5497	0.020000000	0.0000000	0.0	1	1	1
## 5498	0.007407407	0.0000000	0.0	2	2	4
## 5499	0.044444444	0.0000000	0.0	3	2	1
## 5500	0.060000000	20.9454452	0.0	1	2	2
## 5501	0.066666667	0.0000000	0.0	1	1	1
## 5502	0.003703704	0.0000000	0.0	2	10	7
## 5503	0.100000000	0.0000000	0.0	3	2	1
## 5504	0.039006410	4.4843285	0.0	3	2	1
## 5505	0.022732152	4.3954715	0.0	2	4	3
## 5506	0.024292237	0.0000000	0.0	2	2	4
## 5507	0.004545455	32.9585155	0.0	1	1	1
## 5508	0.014444444	0.0000000	0.0	2	2	1
## 5509	0.101587302	0.0000000	0.0	2	4	5
## 5510	0.030000000	0.0000000	0.0	3	2	1
## 5511	0.118750000	0.0000000	0.0	3	2	4
## 5512	0.096296296	0.0000000	0.0	2	2	1
## 5513	0.064912281	0.0000000	0.0	3	2	1
## 5514	0.066666667	0.0000000	0.0	1	1	1
## 5515	0.200000000	0.0000000	0.0	1	1	3
## 5516	0.020243418	0.0000000	0.0	2	2	1
## 5517	0.008978355	2.0427623	0.0	2	2	1
## 5518	0.043830926	0.8701485	0.0	2	2	2
## 5519	0.020000000	0.0000000	0.0	2	4	6
## 5520	0.010526316	0.0000000	0.0	2	2	4
## 5521	0.014537746	4.5869102	0.0	4	2	1
## 5522	0.200000000	0.0000000	0.0	3	2	7
## 5523	0.010555556	10.8976178	0.0	1	1	3
## 5524	0.026666667	0.0000000	0.0	1	2	1

##	5525	0.010526316	0.0000000	0.0	2	2	3
##	5526	0.040000000	10.9990184	0.0	2	2	4
##	5527	0.035714286	0.0000000	0.0	2	2	8
##	5528	0.055555556	21.0939221	0.0	3	2	2
##	5529	0.044507576	10.7211723	0.0	2	2	1
##	5530	0.019047619	0.0000000	0.0	2	2	2
##	5531	0.020000000	0.0000000	0.0	1	1	6
##	5532	0.100000000	0.0000000	0.0	2	2	1
##	5533	0.100000000	0.0000000	0.0	1	1	1
##	5534	0.052857143	0.0000000	0.0	2	2	1
##	5535	0.081818182	0.0000000	0.0	3	2	1
##	5536	0.040000000	0.0000000	0.0	4	1	7
##	5537	0.033333333	0.0000000	0.0	2	2	6
##	5538	0.038209170	3.0851036	0.0	3	2	8
##	5539	0.066666667	0.0000000	0.0	2	4	1
##	5540	0.083333333	27.2878690	0.0	1	1	4
##	5541	0.023684211	0.0000000	0.0	3	2	3
##	5542	0.038169990	0.0000000	0.0	3	2	2
##	5543	0.022222222	0.0000000	0.0	3	2	6
##	5544	0.021551724	1.0233916	0.0	3	2	8
##	5545	0.031666667	0.0000000	0.0	3	2	8
##	5546	0.034285714	4.8563771	0.0	2	2	1
##	5547	0.050000000	32.8970148	0.0	3	2	2
##	5548	0.006060606	0.0000000	0.0	1	1	1
##	5549	0.025000000	0.0000000	0.0	2	2	1
##	5550	0.012878788	0.0000000	0.0	3	2	1
##	5551	0.010526316	0.0000000	0.0	3	2	8
##	5552	0.013333333	0.0000000	0.0	2	2	7
##	5553	0.023913043	0.0000000	0.0	2	2	4
##	5554	0.068923933	0.0000000	0.0	3	2	3
##	5555	0.034615385	0.0000000	0.0	4	1	9
##	5556	0.021052632	69.4623946	0.0	2	2	1
##	5557	0.000000000	0.0000000	0.0	2	5	4
##	5558	0.030612404	0.0000000	0.0	1	1	3
##	5559	0.015856149	0.0000000	0.0	2	2	1
##	5560	0.029620035	0.0000000	0.0	2	2	1
##	5561	0.016666667	0.0000000	0.0	2	2	4
##	5562	0.061650605	0.0000000	0.0	3	2	3
##	5563	0.046846847	1.2976779	0.0	2	2	1
##	5564	0.012576313	0.0000000	0.0	2	2	2
##	5565	0.005022447	41.6459020	0.0	2	2	2
##	5566	0.008333333	22.5369371	0.0	2	2	6
##	5567	0.023076923	0.0000000	0.0	2	2	2
##	5568	0.040000000	0.0000000	0.0	2	4	1
##	5569	0.001408451	0.0000000	0.0	2	4	3
##	5570	0.029166667	0.0000000	0.0	2	2	3
##	5571	0.067624521	5.6891475	0.0	2	5	4
##	5572	0.018518519	43.2982117	0.0	2	2	6
##	5573	0.001666667	0.0000000	0.0	1	1	6
##	5574	0.103703704	0.0000000	0.0	2	2	3
##	5575	0.111111111	0.0000000	0.0	3	2	4
##	5576	0.042857143	0.0000000	0.0	2	2	7
##	5577	0.009183673	0.0000000	0.0	1	1	4
##	5578	0.200000000	0.0000000	0.0	3	2	2

## 5579	0.062901280	2.1538393	0.0	3	2	1
## 5580	0.009523810	16.3624537	0.0	2	2	1
## 5581	0.011458333	0.0000000	0.0	4	1	1
## 5582	0.040000000	0.0000000	0.0	2	4	9
## 5583	0.100000000	0.0000000	0.0	2	6	1
## 5584	0.015909091	0.0000000	0.0	2	4	1
## 5585	0.057159570	0.0000000	0.0	3	2	1
## 5586	0.018285714	12.9058765	0.0	2	2	4
## 5587	0.075000000	0.0000000	0.0	2	2	1
## 5588	0.036723457	0.0000000	0.0	3	2	1
## 5589	0.000696864	0.0000000	0.0	2	4	1
## 5590	0.200000000	0.0000000	0.0	1	1	1
## 5591	0.014285714	0.0000000	0.0	1	8	2
## 5592	0.016521739	0.0000000	0.0	1	1	1
## 5593	0.033870968	0.0000000	0.0	2	2	3
## 5594	0.000000000	0.0000000	0.0	3	2	2
## 5595	0.020921986	0.0000000	0.0	2	2	3
## 5596	0.020000000	0.0000000	0.0	1	1	1
## 5597	0.090000000	0.0000000	0.0	3	2	3
## 5598	0.013571429	1.4019491	0.0	2	2	7
## 5599	0.019886364	0.0000000	0.0	2	2	3
## 5600	0.066158871	0.0000000	0.0	8	13	9
## 5601	0.044444444	0.0000000	0.0	2	2	9
## 5602	0.057142857	0.0000000	0.0	2	2	1
## 5603	0.026754386	0.0000000	0.0	2	2	1
## 5604	0.038571429	8.1508112	0.0	3	2	4
## 5605	0.042222222	0.0000000	0.0	3	2	4
## 5606	0.018888889	0.0000000	0.0	2	2	3
## 5607	0.025000000	0.0000000	0.0	2	5	3
## 5608	0.029411765	0.0000000	0.0	3	2	3
## 5609	0.038809156	1.4762304	0.0	2	2	1
## 5610	0.013617886	41.3461312	0.0	2	2	4
## 5611	0.020187793	12.0883648	0.0	2	2	1
## 5612	0.075000000	0.0000000	0.0	2	2	2
## 5613	0.008000000	0.0000000	0.0	1	1	4
## 5614	0.007692308	27.1929839	0.0	2	2	1
## 5615	0.140000000	0.0000000	0.0	3	2	3
## 5616	0.050000000	0.0000000	0.0	2	2	1
## 5617	0.005555556	0.0000000	0.0	2	4	3
## 5618	0.020634921	17.9275870	0.0	2	4	1
## 5619	0.009333333	0.0000000	0.0	3	2	1
## 5620	0.040000000	0.0000000	0.0	4	2	1
## 5621	0.018594104	0.0000000	0.0	3	2	1
## 5622	0.029844961	0.0000000	0.0	2	2	7
## 5623	0.100000000	0.0000000	0.0	1	1	6
## 5624	0.028709742	3.4781356	0.0	1	1	4
## 5625	0.050000000	0.0000000	0.0	2	10	7
## 5626	0.009090909	0.0000000	0.0	2	2	2
## 5627	0.014285714	0.0000000	0.0	1	2	1
## 5628	0.009230769	19.1328586	0.0	2	2	4
## 5629	0.063636364	0.0000000	0.0	2	2	3
## 5630	0.040833333	0.0000000	0.0	2	2	8
## 5631	0.014444444	11.3306287	0.0	2	2	4
## 5632	0.011752445	0.0000000	0.0	3	2	1

## 5633	0.042322417	4.2124158	0.0	1	1	1
## 5634	0.020000000	0.0000000	0.0	1	1	3
## 5635	0.061364567	0.0000000	0.0	3	2	3
## 5636	0.015384615	0.0000000	0.0	1	1	4
## 5637	0.050000000	0.0000000	0.0	2	2	1
## 5638	0.025641026	0.0000000	0.0	2	4	5
## 5639	0.014285714	0.0000000	0.0	1	1	7
## 5640	0.030123457	27.8971709	0.0	3	3	6
## 5641	0.066666667	0.0000000	0.0	2	2	3
## 5642	0.033142857	0.0000000	0.0	1	1	4
## 5643	0.033333333	0.0000000	0.0	3	2	3
## 5644	0.006250000	0.0000000	0.0	3	2	3
## 5645	0.020512821	0.0000000	0.0	2	4	4
## 5646	0.200000000	0.0000000	0.0	2	4	3
## 5647	0.066666667	0.0000000	0.0	2	2	1
## 5648	0.050000000	0.0000000	0.0	2	2	9
## 5649	0.002666667	0.0000000	0.0	2	5	1
## 5650	0.050000000	22.0958106	0.0	1	8	8
## 5651	0.002380952	0.0000000	0.0	2	2	1
## 5652	0.047619048	16.7256182	0.0	4	1	1
## 5653	0.027179487	0.0000000	0.0	2	2	9
## 5654	0.013333333	0.0000000	0.0	3	2	1
## 5655	0.044444444	0.0000000	0.0	2	5	4
## 5656	0.037500000	0.0000000	0.0	3	2	1
## 5657	0.011684359	0.0000000	0.0	1	1	3
## 5658	0.037057104	0.0000000	0.0	2	2	9
## 5659	0.043527508	0.0000000	0.0	2	2	4
## 5660	0.023655914	0.0000000	0.0	2	2	4
## 5661	0.009549550	0.0000000	0.0	2	2	2
## 5662	0.090123457	0.0000000	0.0	2	5	6
## 5663	0.005000000	0.0000000	0.0	2	2	2
## 5664	0.041398682	0.0000000	0.0	1	1	1
## 5665	0.001666667	61.3048659	0.0	2	2	6
## 5666	0.040000000	0.0000000	0.0	2	5	2
## 5667	0.058333333	13.9104700	0.0	2	2	6
## 5668	0.057142857	0.0000000	0.0	1	1	1
## 5669	0.004000000	0.0000000	0.0	3	2	1
## 5670	0.088888889	0.0000000	0.0	2	2	1
## 5671	0.040000000	0.0000000	0.0	1	1	3
## 5672	0.021707552	0.0000000	0.0	2	2	2
## 5673	0.021875000	19.9656361	0.0	2	4	3
## 5674	0.018750000	0.0000000	0.0	2	2	3
## 5675	0.013333333	0.0000000	0.0	2	2	3
## 5676	0.013366013	3.9981841	0.0	2	2	7
## 5677	0.016140351	20.3315536	0.0	1	1	1
## 5678	0.050000000	6.8012899	0.0	3	2	3
## 5679	0.017574237	19.0329360	0.0	3	2	3
## 5680	0.027586207	19.5705923	0.0	2	2	1
## 5681	0.024107744	47.5736035	0.0	1	1	4
## 5682	0.014285714	78.5695986	0.0	3	2	3
## 5683	0.036855346	0.0000000	0.0	2	4	4
## 5684	0.050000000	0.0000000	0.0	2	2	1
## 5685	0.037179487	0.0000000	0.0	2	2	7
## 5686	0.100000000	0.0000000	0.0	2	2	1

##	5687	0.004393939	0.0000000	0.0	2	2	1
##	5688	0.033333333	0.0000000	0.0	1	2	7
##	5689	0.035714286	18.2275255	0.0	3	2	9
##	5690	0.036908939	5.1940819	0.0	1	1	1
##	5691	0.014267677	0.0000000	0.0	2	2	1
##	5692	0.114285714	0.0000000	0.0	2	2	6
##	5693	0.007142857	0.0000000	0.0	4	2	7
##	5694	0.001041667	246.7585902	0.0	4	1	8
##	5695	0.025000000	0.0000000	0.0	3	2	6
##	5696	0.000000000	0.0000000	0.0	4	1	3
##	5697	0.038623482	0.0000000	0.0	3	2	1
##	5698	0.009375000	0.0000000	0.0	3	2	2
##	5699	0.032000000	0.0000000	0.0	3	2	8
##	5700	0.016935484	0.0000000	0.0	2	4	3
##	5701	0.021345899	0.7709919	0.0	2	2	4
##	5702	0.028571429	0.0000000	0.0	3	3	4
##	5703	0.007017544	47.3037018	0.0	3	2	1
##	5704	0.013028631	0.0000000	0.0	2	2	1
##	5705	0.051162791	0.0000000	0.0	2	2	3
##	5706	0.060000000	0.0000000	0.0	2	2	4
##	5707	0.019047619	7.2322019	0.0	2	2	1
##	5708	0.017460317	0.0000000	0.0	3	2	4
##	5709	0.054759418	0.0000000	0.0	3	2	1
##	5710	0.066666667	0.0000000	0.0	2	2	3
##	5711	0.023529412	0.0000000	0.0	1	1	3
##	5712	0.038709677	0.0000000	0.0	2	2	1
##	5713	0.004545455	0.0000000	0.0	2	4	9
##	5714	0.003333333	0.0000000	0.0	2	6	1
##	5715	0.033333333	0.0000000	0.0	1	2	1
##	5716	0.025000000	0.0000000	0.0	2	10	6
##	5717	0.050000000	0.0000000	0.0	1	2	2
##	5718	0.036666667	8.0188325	0.0	3	2	1
##	5719	0.078571429	0.0000000	0.0	1	1	2
##	5720	0.033333333	0.0000000	0.0	2	2	6
##	5721	0.181818182	0.0000000	0.0	2	2	7
##	5722	0.042424242	0.0000000	0.0	2	4	6
##	5723	0.054839161	0.0000000	0.0	2	2	1
##	5724	0.016666667	32.7306164	0.0	2	2	3
##	5725	0.002090109	0.0000000	0.0	3	2	1
##	5726	0.011342593	4.7020655	0.0	3	2	8
##	5727	0.034666667	0.0000000	0.0	1	2	1
##	5728	0.025758194	0.0000000	0.0	1	2	5
##	5729	0.027272727	0.0000000	0.0	3	2	1
##	5730	0.018518519	0.0000000	0.0	2	2	5
##	5731	0.006250000	0.0000000	0.0	2	2	9
##	5732	0.025000000	0.0000000	0.0	1	1	3
##	5733	0.020883534	17.3544879	0.0	1	1	1
##	5734	0.017241379	0.0000000	0.0	1	1	3
##	5735	0.000000000	0.0000000	0.0	1	1	1
##	5736	0.006451613	0.0000000	0.0	2	10	7
##	5737	0.028571429	0.0000000	0.0	1	1	1
##	5738	0.019047619	0.0000000	0.0	1	1	9
##	5739	0.022222222	0.0000000	0.0	3	2	3
##	5740	0.029333333	0.0000000	0.0	3	2	3

## 5741	0.061111111	0.0000000	0.0	3	2	3
## 5742	0.000000000	100.7256048	0.0	4	1	5
## 5743	0.100000000	0.0000000	0.0	2	2	6
## 5744	0.027272727	0.0000000	0.0	2	2	9
## 5745	0.006250000	0.0000000	0.0	2	2	6
## 5746	0.063636364	0.0000000	0.0	2	2	7
## 5747	0.127272727	0.0000000	0.0	3	2	6
## 5748	0.034273974	35.5151895	0.0	2	2	5
## 5749	0.019638695	0.0000000	0.0	2	4	1
## 5750	0.004244028	12.5078652	0.0	2	2	6
## 5751	0.072395833	0.0000000	0.0	1	1	3
## 5752	0.036904762	0.0000000	0.0	3	2	6
## 5753	0.035247209	0.0000000	0.0	3	2	1
## 5754	0.019412202	0.0000000	0.0	2	2	3
## 5755	0.021428571	3.9795436	0.0	4	1	1
## 5756	0.021428571	0.0000000	0.0	2	2	1
## 5757	0.026687598	0.0000000	0.0	2	2	9
## 5758	0.040000000	27.7937386	0.0	2	2	6
## 5759	0.058333333	0.0000000	0.0	2	10	3
## 5760	0.073225108	0.0000000	0.0	3	2	1
## 5761	0.002857143	0.0000000	0.0	2	4	3
## 5762	0.024378882	0.0000000	0.0	2	2	8
## 5763	0.033333333	0.0000000	0.0	2	2	1
## 5764	0.013095238	11.7846626	0.0	1	1	1
## 5765	0.024705882	0.0000000	0.0	1	1	7
## 5766	0.005625881	0.0000000	0.0	3	2	6
## 5767	0.133333333	0.0000000	0.0	2	2	1
## 5768	0.020788530	0.0000000	0.0	2	2	8
## 5769	0.010000000	0.0000000	0.0	2	2	2
## 5770	0.200000000	0.0000000	0.0	2	4	7
## 5771	0.056818182	8.3305748	0.0	1	1	4
## 5772	0.007894737	47.5789851	0.0	2	2	4
## 5773	0.041666667	0.0000000	0.0	3	2	3
## 5774	0.007291667	0.0000000	0.0	2	10	2
## 5775	0.015151515	0.0000000	0.0	3	2	1
## 5776	0.010990991	0.0000000	0.0	1	1	5
## 5777	0.017777778	0.0000000	0.0	2	4	3
## 5778	0.009523810	0.0000000	0.0	4	1	1
## 5779	0.100000000	0.0000000	0.0	2	2	1
## 5780	0.200000000	0.0000000	0.0	2	2	3
## 5781	0.024444444	0.0000000	0.0	4	2	3
## 5782	0.027002924	0.0000000	0.0	1	1	4
## 5783	0.004910714	0.0000000	0.0	1	1	4
## 5784	0.032183908	0.0000000	0.0	2	5	1
## 5785	0.045071685	0.0000000	0.0	2	2	1
## 5786	0.023958333	0.0000000	0.0	1	1	3
## 5787	0.029829932	0.0000000	0.0	1	1	6
## 5788	0.042750000	0.0000000	0.0	1	1	6
## 5789	0.025000000	0.0000000	0.0	3	2	3
## 5790	0.007916667	15.5036214	0.0	3	2	1
## 5791	0.055555556	0.0000000	0.0	2	2	4
## 5792	0.007471264	0.0000000	0.0	4	1	1
## 5793	0.008333333	0.0000000	0.0	2	2	3
## 5794	0.024324324	1.2733174	0.0	2	2	3

## 5795	0.004444444	9.2531617	0.0	1	1	6
## 5796	0.025000000	0.0000000	0.0	1	1	3
## 5797	0.021428571	0.0000000	0.0	3	2	1
## 5798	0.006805318	129.1013738	0.0	2	2	2
## 5799	0.066666667	1.7182188	0.0	3	2	5
## 5800	0.011635537	1.2576955	0.0	3	2	1
## 5801	0.100000000	0.0000000	0.0	1	1	1
## 5802	0.025454545	31.9032007	0.0	2	4	2
## 5803	0.019393939	0.0000000	0.0	3	2	1
## 5804	0.011111111	0.0000000	0.0	3	2	3
## 5805	0.200000000	0.0000000	0.0	1	1	3
## 5806	0.015384615	0.0000000	0.0	1	1	7
## 5807	0.128571429	0.0000000	0.0	3	2	4
## 5808	0.040000000	0.0000000	0.0	2	2	1
## 5809	0.003921569	0.0000000	0.0	2	2	1
## 5810	0.025396825	14.6352397	0.0	1	1	1
## 5811	0.019059741	0.0000000	0.0	2	2	7
## 5812	0.058447712	0.0000000	0.0	2	2	3
## 5813	0.025000000	0.0000000	0.0	2	2	4
## 5814	0.027991453	0.0000000	0.0	2	5	1
## 5815	0.025000000	0.0000000	0.0	2	4	7
## 5816	0.043785311	5.7636788	0.0	2	4	3
## 5817	0.159523810	0.0000000	0.0	3	2	1
## 5818	0.008333333	0.0000000	0.0	2	4	3
## 5819	0.038095238	0.0000000	0.0	3	2	3
## 5820	0.004761905	0.0000000	0.0	2	2	2
## 5821	0.003763441	0.0000000	0.0	1	1	1
## 5822	0.012865853	5.6248614	0.0	3	2	8
## 5823	0.025421300	2.0060329	0.0	1	1	6
## 5824	0.039000000	0.0000000	0.0	3	2	7
## 5825	0.109523810	0.0000000	0.0	1	1	1
## 5826	0.100000000	0.0000000	0.0	1	8	3
## 5827	0.022222222	50.1831392	0.0	3	2	1
## 5828	0.140833333	0.0000000	0.0	1	1	1
## 5829	0.003636364	0.0000000	0.0	2	2	2
## 5830	0.009876543	0.0000000	0.0	4	2	4
## 5831	0.020000000	0.0000000	0.0	2	2	3
## 5832	0.051851852	0.0000000	0.0	2	2	2
## 5833	0.033333333	0.0000000	0.0	2	2	7
## 5834	0.006111111	0.0000000	0.0	3	2	1
## 5835	0.019540230	0.0000000	0.0	2	5	8
## 5836	0.020634921	0.0000000	0.0	2	4	1
## 5837	0.012497612	11.4392333	0.0	2	2	1
## 5838	0.003694084	0.1798268	0.0	2	2	7
## 5839	0.004255319	0.0000000	0.0	2	5	7
## 5840	0.015384615	0.0000000	0.0	2	2	1
## 5841	0.082807018	0.0000000	0.0	2	2	3
## 5842	0.016666667	0.0000000	0.0	2	2	2
## 5843	0.042311111	0.9377052	0.0	1	1	1
## 5844	0.133333333	0.0000000	0.0	3	2	1
## 5845	0.171428571	0.0000000	0.0	2	5	3
## 5846	0.007142857	0.0000000	0.0	2	5	9
## 5847	0.029967788	0.1318370	0.0	3	2	1
## 5848	0.055555556	0.0000000	0.0	1	8	2

##	5849	0.049669967	0.0000000	0.0	1	1	4
##	5850	0.037500000	0.0000000	0.0	1	1	5
##	5851	0.000000000	0.0000000	0.0	1	1	8
##	5852	0.027155449	0.0000000	0.0	2	2	1
##	5853	0.100000000	0.0000000	0.0	2	2	7
##	5854	0.200000000	0.0000000	0.0	2	2	1
##	5855	0.009068627	0.0000000	0.0	2	2	2
##	5856	0.056333333	0.0000000	0.0	3	2	7
##	5857	0.010638298	0.0000000	0.0	2	2	8
##	5858	0.028830409	27.5128393	0.0	2	2	1
##	5859	0.048235852	19.7493008	0.0	3	2	1
##	5860	0.023720930	0.0000000	0.0	1	2	7
##	5861	0.025000000	0.0000000	0.0	2	2	5
##	5862	0.027272727	0.0000000	0.0	2	2	4
##	5863	0.000250438	0.0000000	0.0	2	2	3
##	5864	0.020689655	0.0000000	0.0	2	4	7
##	5865	0.050000000	0.0000000	0.0	4	1	3
##	5866	0.071855922	0.0000000	0.0	1	1	8
##	5867	0.050000000	0.0000000	0.0	2	5	1
##	5868	0.009490509	0.0000000	0.0	2	2	1
##	5869	0.006818182	0.0000000	0.0	1	1	1
##	5870	0.131578947	0.0000000	0.0	3	2	3
##	5871	0.008695652	0.0000000	0.0	2	5	4
##	5872	0.033333333	0.0000000	0.0	2	2	4
##	5873	0.015583028	0.0000000	0.0	3	2	1
##	5874	0.028431373	0.0000000	0.0	2	2	2
##	5875	0.025000000	0.0000000	0.0	2	6	3
##	5876	0.186666667	0.0000000	0.0	3	2	4
##	5877	0.007070707	32.9346011	0.0	2	4	1
##	5878	0.010437463	13.7329285	0.0	2	2	3
##	5879	0.012500000	0.0000000	0.0	1	1	4
##	5880	0.015000000	0.0000000	0.0	2	2	1
##	5881	0.066666667	0.0000000	0.0	2	2	3
##	5882	0.016216216	0.0000000	0.0	3	2	1
##	5883	0.020606061	0.0000000	0.0	2	4	3
##	5884	0.016000000	0.0000000	0.0	1	1	1
##	5885	0.027777778	0.0000000	0.0	3	2	1
##	5886	0.022727273	31.9918142	0.0	4	1	1
##	5887	0.013333333	79.4435345	0.0	2	2	5
##	5888	0.046153846	0.0000000	0.0	2	2	3
##	5889	0.033333333	0.0000000	0.0	3	3	1
##	5890	0.019206774	0.0000000	0.0	3	2	6
##	5891	0.001851852	0.0000000	0.0	2	2	7
##	5892	0.022587818	0.0000000	0.0	3	2	1
##	5893	0.003703704	0.0000000	0.0	2	2	1
##	5894	0.031111111	0.0000000	0.0	1	8	3
##	5895	0.012357724	0.0000000	0.0	2	10	2
##	5896	0.017894737	0.0000000	0.0	2	2	1
##	5897	0.025000000	0.0000000	0.0	1	1	7
##	5898	0.133333333	0.0000000	0.0	2	2	1
##	5899	0.009316323	67.3092908	0.0	2	4	5
##	5900	0.200000000	0.0000000	0.0	3	2	1
##	5901	0.005405405	0.0000000	0.0	4	2	2
##	5902	0.022925170	28.0571614	0.0	1	1	3

## 5903	0.027642276	3.6738291	0.0	2	2	4
## 5904	0.034331797	13.1807822	0.0	2	2	1
## 5905	0.022222222	32.5238077	0.0	2	2	7
## 5906	0.067000000	0.0000000	0.0	1	1	1
## 5907	0.033333333	24.1255857	0.0	1	1	6
## 5908	0.031794872	0.0000000	0.0	1	1	1
## 5909	0.011764706	0.0000000	0.0	2	4	3
## 5910	0.034166667	0.0000000	0.0	2	2	9
## 5911	0.018928571	3.5854398	0.0	2	2	8
## 5912	0.104545455	0.0000000	0.0	2	2	1
## 5913	0.100000000	0.0000000	0.0	2	2	5
## 5914	0.014814815	11.2744573	0.0	2	6	1
## 5915	0.072469136	31.9141405	0.0	1	1	3
## 5916	0.044444444	0.0000000	0.0	1	1	1
## 5917	0.025997611	0.0000000	0.0	2	4	9
## 5918	0.175000000	0.0000000	0.0	3	2	1
## 5919	0.014814815	18.0985717	0.0	2	2	8
## 5920	0.015625000	0.0000000	0.0	1	1	6
## 5921	0.094482759	0.0000000	0.0	3	2	1
## 5922	0.019230769	0.0000000	0.0	2	2	8
## 5923	0.010049751	48.0439058	0.0	2	2	3
## 5924	0.026857143	0.0000000	0.0	2	2	1
## 5925	0.041666667	15.8204416	0.0	3	2	1
## 5926	0.022549020	13.8645121	0.0	2	2	3
## 5927	0.016237507	0.0000000	0.0	2	2	7
## 5928	0.015724311	24.5126937	0.0	2	4	7
## 5929	0.031153846	0.0000000	0.0	2	2	4
## 5930	0.011111111	10.1771122	0.0	3	2	1
## 5931	0.090697674	0.0000000	0.0	3	2	1
## 5932	0.010699588	0.8389883	0.0	2	2	9
## 5933	0.007142857	0.0000000	0.0	2	4	2
## 5934	0.027253521	0.0000000	0.0	1	1	4
## 5935	0.010526316	0.0000000	0.0	4	1	3
## 5936	0.009375000	0.0000000	0.0	1	1	1
## 5937	0.020295983	0.0000000	0.0	3	7	8
## 5938	0.000000000	0.0000000	0.0	2	2	2
## 5939	0.022988506	0.0000000	0.0	2	2	3
## 5940	0.011568387	0.0000000	0.0	3	2	1
## 5941	0.011841507	0.0000000	0.0	3	2	4
## 5942	0.000000000	0.0000000	0.0	1	1	3
## 5943	0.041315789	0.0000000	0.0	2	2	3
## 5944	0.018620690	11.2837908	0.0	2	2	5
## 5945	0.054545455	0.0000000	0.0	2	5	6
## 5946	0.022222222	0.0000000	0.0	2	4	7
## 5947	0.050000000	0.0000000	0.0	3	2	2
## 5948	0.011764706	63.4589208	0.0	2	2	3
## 5949	0.002380952	0.0000000	0.0	2	2	2
## 5950	0.036842105	0.0000000	0.0	2	2	2
## 5951	0.017985395	0.1296769	0.0	2	5	3
## 5952	0.037500000	0.0000000	0.0	3	2	5
## 5953	0.046666667	0.0000000	0.0	2	2	2
## 5954	0.006060606	0.0000000	0.0	2	2	3
## 5955	0.021901262	0.0000000	0.0	1	1	1
## 5956	0.067517007	0.0000000	0.0	2	5	1

## 5957	0.018253968	0.0000000	0.0	2	4	3
## 5958	0.033333333	0.0000000	0.0	2	2	4
## 5959	0.016207530	9.2319349	0.0	2	2	1
## 5960	0.024561404	0.0000000	0.0	1	1	3
## 5961	0.027272727	0.0000000	0.0	2	4	1
## 5962	0.035294118	0.0000000	0.0	2	2	6
## 5963	0.053333333	0.0000000	0.0	3	2	8
## 5964	0.004761905	18.5150547	0.0	4	1	1
## 5965	0.004285714	0.0000000	0.0	1	1	1
## 5966	0.007017544	0.0000000	0.0	2	4	3
## 5967	0.017558450	2.6649950	0.0	2	2	6
## 5968	0.041666667	14.8397824	0.0	3	2	4
## 5969	0.082500000	0.0000000	0.0	3	2	9
## 5970	0.120000000	0.0000000	0.0	2	2	3
## 5971	0.006589147	4.1743140	0.0	1	1	2
## 5972	0.009824561	29.6115128	0.0	4	1	1
## 5973	0.008333333	0.0000000	0.0	2	2	7
## 5974	0.015740741	0.7001550	0.0	3	2	1
## 5975	0.033333333	63.5533768	0.0	1	1	4
## 5976	0.022222222	0.0000000	0.0	1	1	4
## 5977	0.038518519	0.0000000	0.0	2	2	1
## 5978	0.020740741	0.0000000	0.0	1	1	1
## 5979	0.002631579	0.0000000	0.0	1	1	1
## 5980	0.008471594	12.5740183	0.0	2	6	1
## 5981	0.021614907	12.3920431	0.0	1	2	6
## 5982	0.084819820	0.0000000	0.0	3	2	3
## 5983	0.046666667	0.0000000	0.0	3	2	6
## 5984	0.076388889	5.7613474	0.0	1	1	2
## 5985	0.200000000	0.0000000	0.0	1	2	8
## 5986	0.000000000	0.0000000	0.0	1	1	4
## 5987	0.038980418	5.6976590	0.0	2	2	1
## 5988	0.008974359	0.0000000	0.0	3	2	3
## 5989	0.050000000	0.0000000	0.0	2	4	1
## 5990	0.037472815	6.1532014	0.0	2	2	6
## 5991	0.133333333	0.0000000	0.0	1	8	2
## 5992	0.050000000	0.0000000	0.0	2	2	3
## 5993	0.066033333	1.4640104	0.0	2	2	3
## 5994	0.000000000	40.2781524	0.0	2	2	2
## 5995	0.051351351	0.0000000	0.0	2	2	2
## 5996	0.200000000	0.0000000	0.0	2	2	1
## 5997	0.009523810	25.8544202	0.0	2	2	2
## 5998	0.000000000	62.8532610	0.0	2	2	4
## 5999	0.023484848	9.8696494	0.0	2	2	1
## 6000	0.050000000	0.0000000	0.0	2	2	2
## 6001	0.013128205	0.0000000	0.0	2	2	3
## 6002	0.055466667	0.0000000	0.0	3	2	1
## 6003	0.035895135	27.3141474	0.0	2	10	1
## 6004	0.003225806	0.0000000	0.0	2	2	6
## 6005	0.050000000	0.0000000	0.0	3	2	4
## 6006	0.012244898	22.2559296	0.0	2	2	8
## 6007	0.045245820	0.0000000	0.0	3	2	1
## 6008	0.033333333	0.0000000	0.0	3	2	1
## 6009	0.150000000	0.0000000	0.0	1	1	1
## 6010	0.009313725	0.0000000	0.0	1	1	1

##	6011	0.023076923	0.0000000	0.0	2	4	1
##	6012	0.016666667	24.9184548	0.0	1	2	3
##	6013	0.015000000	0.0000000	0.0	3	2	4
##	6014	0.075000000	0.0000000	0.0	3	2	1
##	6015	0.029166667	0.0000000	0.0	3	2	3
##	6016	0.012121212	0.0000000	0.0	3	2	5
##	6017	0.014215686	0.0000000	0.0	3	2	6
##	6018	0.035000000	0.0000000	0.0	3	2	2
##	6019	0.028191489	0.0000000	0.0	2	2	1
##	6020	0.012500000	0.0000000	0.0	3	2	1
##	6021	0.030769231	0.0000000	0.0	1	1	1
##	6022	0.011111111	0.0000000	0.0	2	2	3
##	6023	0.002777778	0.0000000	0.0	2	2	5
##	6024	0.012414294	0.8750479	0.0	2	10	3
##	6025	0.040540541	0.0000000	0.0	2	2	1
##	6026	0.018750000	19.2326898	0.0	1	1	6
##	6027	0.091666667	0.0000000	0.0	3	2	1
##	6028	0.002173913	0.0000000	0.0	4	2	3
##	6029	0.030769231	0.0000000	0.0	3	2	1
##	6030	0.009442743	0.0000000	0.0	1	1	1
##	6031	0.004545455	153.5776975	0.0	2	2	1
##	6032	0.032424242	11.5952257	0.0	1	1	3
##	6033	0.022413793	5.9044076	0.0	2	2	1
##	6034	0.031481481	0.0000000	0.0	2	4	9
##	6035	0.040000000	0.0000000	0.0	2	2	6
##	6036	0.100000000	0.0000000	0.0	3	2	1
##	6037	0.024838095	14.8533725	0.0	3	2	2
##	6038	0.002702703	0.0000000	0.0	2	4	1
##	6039	0.023529412	0.0000000	0.0	1	1	3
##	6040	0.040000000	0.0000000	0.0	2	4	4
##	6041	0.016547619	0.0000000	0.0	2	2	1
##	6042	0.017777778	0.0000000	0.0	1	1	1
##	6043	0.014285714	0.0000000	0.0	2	2	8
##	6044	0.026093190	0.0000000	0.0	3	2	2
##	6045	0.013779093	0.0000000	0.0	1	1	3
##	6046	0.005263158	0.0000000	0.0	3	2	2
##	6047	0.040000000	0.0000000	0.0	3	2	6
##	6048	0.022131145	16.9671207	0.0	2	2	6
##	6049	0.018181818	0.0000000	0.0	2	2	3
##	6050	0.006250000	0.0000000	0.0	1	1	3
##	6051	0.200000000	0.0000000	0.0	2	2	1
##	6052	0.057823129	0.0000000	0.0	2	2	3
##	6053	0.066666667	0.0000000	0.0	2	2	1
##	6054	0.033928571	0.0000000	0.0	2	2	1
##	6055	0.087500000	0.0000000	0.0	3	2	1
##	6056	0.029411765	0.0000000	0.0	2	5	3
##	6057	0.009762498	0.0000000	0.0	3	2	8
##	6058	0.049565217	0.0000000	0.0	2	2	4
##	6059	0.022545455	0.0000000	0.0	1	1	3
##	6060	0.068650794	0.0000000	0.0	2	2	3
##	6061	0.063690476	0.0000000	0.0	3	2	2
##	6062	0.025000000	33.2229273	0.0	2	2	1
##	6063	0.050000000	0.0000000	0.0	3	2	1
##	6064	0.026315789	0.0000000	0.0	2	2	2

##	6065	0.016180556	0.0000000	0.0	3	2	3
##	6066	0.042576205	0.0000000	0.0	2	2	2
##	6067	0.011538462	0.0000000	0.0	2	2	3
##	6068	0.200000000	0.0000000	0.0	2	4	1
##	6069	0.033684211	0.0000000	0.0	2	2	7
##	6070	0.012037037	0.0000000	0.0	1	1	2
##	6071	0.033333333	0.0000000	0.0	1	2	4
##	6072	0.010852713	0.0000000	0.0	2	2	7
##	6073	0.014264550	0.8984954	0.0	2	2	9
##	6074	0.033826531	27.6509675	0.0	3	2	4
##	6075	0.131891892	0.0000000	0.0	3	2	1
##	6076	0.020000000	0.0000000	0.0	2	5	6
##	6077	0.040000000	0.0000000	0.0	1	1	8
##	6078	0.000000000	39.2767396	0.0	4	2	1
##	6079	0.022685185	0.0000000	0.0	2	4	1
##	6080	0.011281179	0.0000000	0.0	1	1	1
##	6081	0.007407407	0.0000000	0.0	2	5	7
##	6082	0.026970540	2.2099727	0.0	1	1	3
##	6083	0.024333333	0.0000000	0.0	1	1	8
##	6084	0.000952381	60.5843707	0.0	3	2	3
##	6085	0.056282051	0.0000000	0.0	3	2	2
##	6086	0.011248517	0.0000000	0.0	2	2	1
##	6087	0.038596491	2.8483122	0.0	2	2	1
##	6088	0.019359924	19.1831076	0.0	2	2	7
##	6089	0.037500000	0.0000000	0.0	2	2	3
##	6090	0.026197917	0.0000000	0.0	2	4	9
##	6091	0.036530714	0.0000000	0.0	2	2	6
##	6092	0.200000000	0.0000000	0.0	4	1	2
##	6093	0.020000000	0.0000000	0.0	1	1	1
##	6094	0.023333333	0.0000000	0.0	2	2	4
##	6095	0.002222222	0.0000000	0.0	2	4	1
##	6096	0.049595687	0.0000000	0.0	4	2	1
##	6097	0.033333333	0.0000000	0.0	2	2	8
##	6098	0.008333333	0.0000000	0.0	4	2	9
##	6099	0.012601626	0.0000000	0.0	1	1	3
##	6100	0.005128205	0.0000000	0.0	2	2	8
##	6101	0.006432173	6.1892154	0.0	2	2	4
##	6102	0.001851852	0.0000000	0.0	3	2	3
##	6103	0.015384615	0.0000000	0.0	2	2	1
##	6104	0.066666667	0.0000000	0.0	2	2	3
##	6105	0.024404762	0.0000000	0.0	3	2	1
##	6106	0.100000000	0.0000000	0.0	2	2	6
##	6107	0.011403509	0.0000000	0.0	3	2	8
##	6108	0.039285714	0.0000000	0.0	2	2	5
##	6109	0.035833333	0.0000000	0.0	2	5	7
##	6110	0.200000000	0.0000000	0.0	1	1	6
##	6111	0.031621722	5.2870058	0.0	3	2	6
##	6112	0.010000000	40.7804708	0.0	2	4	3
##	6113	0.016666667	0.0000000	0.0	2	5	1
##	6114	0.005882353	5.8604398	0.0	2	2	7
##	6115	0.044005026	8.3049039	0.0	2	2	2
##	6116	0.100000000	0.0000000	0.0	2	2	1
##	6117	0.025000000	0.0000000	0.0	2	6	3
##	6118	0.009314954	40.0823817	0.0	2	2	7

## 6119	0.017777778	0.0000000	0.0	1	1	2
## 6120	0.072399527	0.0000000	0.0	3	2	6
## 6121	0.002083333	0.0000000	0.0	2	4	1
## 6122	0.005882353	40.4357899	0.0	2	2	4
## 6123	0.020000000	0.0000000	0.0	1	1	1
## 6124	0.028571429	44.8934594	0.0	4	2	1
## 6125	0.046153846	0.0000000	0.0	3	2	4
## 6126	0.004166667	37.9241440	0.0	2	2	6
## 6127	0.009523810	0.0000000	0.0	2	2	1
## 6128	0.015000000	0.0000000	0.0	2	10	1
## 6129	0.007459475	23.0758150	0.0	2	4	1
## 6130	0.033333333	0.0000000	0.0	2	5	5
## 6131	0.029287373	0.0000000	0.0	2	2	1
## 6132	0.022222222	38.1236858	0.0	1	1	2
## 6133	0.047324629	0.0000000	0.0	2	2	3
## 6134	0.027476190	6.3446318	0.0	1	2	1
## 6135	0.018181818	0.0000000	0.0	1	2	6
## 6136	0.018933333	0.0000000	0.0	2	2	7
## 6137	0.000000000	54.9950922	0.0	2	2	1
## 6138	0.025196078	0.0000000	0.0	2	2	4
## 6139	0.011764706	0.0000000	0.0	2	4	8
## 6140	0.027298851	0.0000000	0.0	4	2	8
## 6141	0.031578947	0.0000000	0.0	1	1	1
## 6142	0.025000000	0.0000000	0.0	4	5	3
## 6143	0.011382114	52.2859406	0.0	1	1	1
## 6144	0.044637681	0.0000000	0.0	1	1	1
## 6145	0.020833333	0.0000000	0.0	2	2	4
## 6146	0.018253968	0.0000000	0.0	2	2	8
## 6147	0.120000000	0.0000000	0.0	1	1	1
## 6148	0.012500000	0.0000000	0.0	3	5	1
## 6149	0.037500000	0.0000000	0.0	1	1	1
## 6150	0.033524993	0.7020868	0.0	2	5	1
## 6151	0.050000000	4.3076272	0.0	2	2	1
## 6152	0.001470588	54.9191180	0.0	2	2	7
## 6153	0.150000000	0.0000000	0.0	2	2	2
## 6154	0.145833333	0.0000000	0.0	2	2	9
## 6155	0.062000000	0.0000000	0.0	2	2	1
## 6156	0.005952381	28.3288665	0.0	2	2	7
## 6157	0.100000000	0.0000000	0.0	2	12	6
## 6158	0.019064327	0.0000000	0.0	3	2	4
## 6159	0.009714286	39.4255651	0.0	2	2	1
## 6160	0.007692308	42.3039171	0.0	1	1	1
## 6161	0.053287037	2.1018503	0.0	2	2	9
## 6162	0.016561375	4.0839480	0.0	4	1	4
## 6163	0.011111111	34.7502329	0.0	2	2	1
## 6164	0.000000000	27.6950078	0.0	2	2	9
## 6165	0.039062500	0.0000000	0.0	2	2	1
## 6166	0.028571429	0.0000000	0.0	2	2	3
## 6167	0.035416667	0.0000000	0.0	2	5	2
## 6168	0.004421769	7.5629221	0.0	1	1	2
## 6169	0.021755245	0.7809058	0.0	3	2	8
## 6170	0.036904762	13.5942003	0.0	2	2	1
## 6171	0.040000000	0.0000000	0.0	1	1	4
## 6172	0.064367816	0.0000000	0.0	3	2	6

## 6173	0.006666667	0.0000000	0.0	4	2	1
## 6174	0.017187500	0.0000000	0.0	3	2	3
## 6175	0.050000000	0.0000000	0.0	3	2	4
## 6176	0.040000000	0.0000000	0.0	1	8	6
## 6177	0.100000000	0.0000000	0.0	1	1	1
## 6178	0.000000000	58.9241766	0.0	2	5	3
## 6179	0.018181818	0.0000000	0.0	2	2	1
## 6180	0.048000000	0.0000000	0.0	2	2	1
## 6181	0.200000000	0.0000000	0.0	2	2	1
## 6182	0.003448276	0.0000000	0.0	3	2	1
## 6183	0.011846847	0.0000000	0.0	2	2	1
## 6184	0.009523810	34.5222117	0.0	1	1	1
## 6185	0.000000000	0.0000000	0.0	2	2	6
## 6186	0.000000000	0.0000000	0.0	1	1	1
## 6187	0.023484848	39.4192491	0.0	2	4	3
## 6188	0.000000000	0.0000000	0.0	3	2	4
## 6189	0.200000000	0.0000000	0.0	3	2	2
## 6190	0.014814815	2.4800246	0.0	4	2	1
## 6191	0.012500000	19.6303102	0.0	2	4	5
## 6192	0.009265038	0.1521674	0.0	1	1	2
## 6193	0.054395604	0.0000000	0.0	3	2	1
## 6194	0.020793651	0.0000000	0.0	3	2	1
## 6195	0.003703704	0.0000000	0.0	2	10	1
## 6196	0.100000000	0.0000000	0.0	2	2	1
## 6197	0.007407407	94.0168331	0.0	2	2	3
## 6198	0.002439024	0.0000000	0.0	4	1	4
## 6199	0.013368848	0.8884860	0.0	2	2	3
## 6200	0.066666667	0.0000000	0.0	1	1	1
## 6201	0.066666667	8.0495857	0.0	2	6	2
## 6202	0.030434783	0.0000000	0.0	2	2	1
## 6203	0.034042553	7.1988200	0.0	2	2	5
## 6204	0.011111111	0.0000000	0.0	1	1	1
## 6205	0.011750149	0.0000000	0.0	2	4	9
## 6206	0.017619048	0.0000000	0.0	1	1	1
## 6207	0.000000000	0.0000000	0.0	2	4	3
## 6208	0.035714286	0.0000000	0.0	2	4	9
## 6209	0.012385965	3.1704265	0.0	2	2	7
## 6210	0.009523810	32.7337347	0.0	2	4	4
## 6211	0.066666667	0.0000000	0.0	1	1	4
## 6212	0.133333333	0.0000000	0.0	3	2	4
## 6213	0.054666667	20.4260001	0.0	2	2	7
## 6214	0.021979167	3.1640883	0.0	3	2	3
## 6215	0.103333333	0.0000000	0.0	3	2	4
## 6216	0.012539087	10.2077769	0.0	2	2	3
## 6217	0.018209889	0.0000000	0.0	1	1	1
## 6218	0.035555556	0.0000000	0.0	2	2	1
## 6219	0.014754098	0.0000000	0.0	2	5	7
## 6220	0.008333333	0.0000000	0.0	1	8	1
## 6221	0.005128205	0.0000000	0.0	1	1	4
## 6222	0.009316239	2.5511408	0.0	2	2	3
## 6223	0.044444444	17.7952822	0.0	2	2	1
## 6224	0.019698317	0.0000000	0.0	2	2	1
## 6225	0.016071429	7.2487577	0.0	2	7	3
## 6226	0.062500000	11.2754648	0.0	2	5	3

##	6227	0.003947368	23.1507380	0.0	2	5	3
##	6228	0.020000000	88.3917052	0.0	3	2	1
##	6229	0.050688705	0.0000000	0.0	1	1	2
##	6230	0.062500000	0.0000000	0.0	1	1	4
##	6231	0.049000000	0.0000000	0.0	1	1	1
##	6232	0.004514952	0.0000000	0.0	2	2	7
##	6233	0.005376344	60.0447294	0.0	1	1	4
##	6234	0.016666667	0.0000000	0.0	3	2	6
##	6235	0.000000000	0.0000000	0.0	1	8	7
##	6236	0.150000000	0.0000000	0.0	3	2	3
##	6237	0.009523810	0.0000000	0.0	5	11	8
##	6238	0.017391304	30.0492170	0.0	2	2	3
##	6239	0.015384615	40.6597270	0.0	2	2	4
##	6240	0.008695652	0.0000000	0.0	2	2	7
##	6241	0.033333333	0.0000000	0.0	1	1	9
##	6242	0.142424242	0.0000000	0.0	3	2	1
##	6243	0.027247449	2.0518821	0.0	2	2	1
##	6244	0.066666667	0.0000000	0.0	1	1	6
##	6245	0.055555556	0.0000000	0.0	3	2	1
##	6246	0.016279070	0.0000000	0.0	2	2	1
##	6247	0.068803030	2.8520367	0.0	2	2	9
##	6248	0.016666667	0.0000000	0.0	3	2	1
##	6249	0.007751938	5.6479944	0.0	3	2	3
##	6250	0.028571429	20.7167812	0.0	2	10	3
##	6251	0.019613005	0.0000000	0.0	2	4	1
##	6252	0.019047619	0.0000000	0.0	2	2	3
##	6253	0.009231412	0.0000000	0.0	2	2	3
##	6254	0.000000000	0.0000000	0.0	2	2	7
##	6255	0.108558559	0.0000000	0.0	2	2	2
##	6256	0.050155633	0.0000000	0.0	2	4	7
##	6257	0.029986961	0.0000000	0.0	1	1	2
##	6258	0.006473478	5.1771068	0.0	2	2	3
##	6259	0.027916667	0.7201810	0.0	2	2	6
##	6260	0.035442177	8.4352069	0.0	1	1	1
##	6261	0.054407935	0.0000000	0.0	3	2	6
##	6262	0.056172840	1.6969689	0.0	2	2	1
##	6263	0.128571429	0.0000000	0.0	3	3	3
##	6264	0.038888889	0.0000000	0.0	2	2	1
##	6265	0.000000000	0.0000000	0.0	2	2	1
##	6266	0.100000000	0.0000000	0.0	3	2	1
##	6267	0.091604938	0.0000000	0.0	3	2	3
##	6268	0.018196857	19.4379595	0.0	3	2	3
##	6269	0.015555556	0.0000000	0.0	1	8	3
##	6270	0.025000000	0.0000000	0.0	2	2	7
##	6271	0.006666667	15.1359615	0.0	2	2	3
##	6272	0.016666667	0.0000000	0.0	1	2	1
##	6273	0.102564103	0.0000000	0.0	3	2	1
##	6274	0.009090909	0.0000000	0.0	1	1	1
##	6275	0.043750000	10.0247063	0.0	2	2	2
##	6276	0.018814290	0.0000000	0.0	3	2	6
##	6277	0.020000000	0.0000000	0.0	3	2	1
##	6278	0.038472222	0.0000000	0.0	1	2	3
##	6279	0.002500000	0.0000000	0.0	2	2	1
##	6280	0.035463270	4.0279984	0.0	1	1	6

## 6281	0.020000000	88.8436506	0.0	2	2	7
## 6282	0.039583333	0.0000000	0.0	2	2	8
## 6283	0.009352180	6.7112906	0.0	2	10	7
## 6284	0.044444444	0.0000000	0.0	1	8	1
## 6285	0.034027778	0.0000000	0.0	2	2	7
## 6286	0.050000000	0.0000000	0.0	2	2	1
## 6287	0.046969697	0.0000000	0.0	3	2	3
## 6288	0.010133221	0.0000000	0.0	1	1	4
## 6289	0.015058480	0.0000000	0.0	1	1	2
## 6290	0.133333333	0.0000000	0.0	3	2	1
## 6291	0.000000000	0.0000000	0.0	2	4	4
## 6292	0.013518007	37.5346901	0.0	1	1	1
## 6293	0.066666667	0.0000000	0.0	4	2	3
## 6294	0.018750000	0.0000000	0.0	3	2	4
## 6295	0.034166667	0.0000000	0.0	1	1	6
## 6296	0.200000000	0.0000000	0.0	3	2	7
## 6297	0.005555556	0.0000000	0.0	2	2	2
## 6298	0.013768116	0.0000000	0.0	2	2	7
## 6299	0.028571429	0.0000000	0.0	4	1	2
## 6300	0.010666667	0.0000000	0.0	2	2	3
## 6301	0.038461538	0.0000000	0.0	2	6	4
## 6302	0.000000000	0.0000000	0.0	2	2	2
## 6303	0.066666667	0.0000000	0.0	3	2	5
## 6304	0.055555556	0.0000000	0.0	2	2	3
## 6305	0.009876543	0.0000000	0.0	2	2	3
## 6306	0.000000000	0.0000000	0.0	2	2	9
## 6307	0.000000000	55.8209953	0.0	2	4	1
## 6308	0.084444444	21.2419198	0.0	2	2	1
## 6309	0.066666667	0.0000000	0.0	1	2	1
## 6310	0.041166667	5.8859563	0.0	2	5	3
## 6311	0.015591398	0.0000000	0.0	1	1	7
## 6312	0.000000000	35.3496702	0.0	3	2	3
## 6313	0.100000000	0.0000000	0.0	2	2	5
## 6314	0.043478261	0.0000000	0.0	2	2	1
## 6315	0.002380952	0.0000000	0.0	3	2	7
## 6316	0.005263158	0.0000000	0.0	2	2	5
## 6317	0.007142857	0.0000000	0.0	1	1	1
## 6318	0.040000000	0.0000000	0.0	2	2	3
## 6319	0.000000000	83.8083778	0.0	2	2	6
## 6320	0.030555556	0.0000000	0.0	2	2	1
## 6321	0.017638889	0.0000000	0.0	1	1	3
## 6322	0.039900794	0.0000000	0.0	2	2	1
## 6323	0.100000000	0.0000000	0.0	2	2	1
## 6324	0.002870370	3.9609387	0.0	2	2	9
## 6325	0.066666667	0.0000000	0.0	1	1	1
## 6326	0.056481481	0.0000000	0.0	2	5	7
## 6327	0.004444444	117.6165932	0.0	2	2	3
## 6328	0.015646259	24.6862461	0.0	2	2	9
## 6329	0.033333333	0.0000000	0.0	1	1	3
## 6330	0.000000000	28.8011962	0.0	1	1	1
## 6331	0.008333333	0.0000000	0.0	2	2	4
## 6332	0.014018978	12.1958841	0.0	1	1	3
## 6333	0.014285714	0.0000000	0.0	1	1	5
## 6334	0.013743735	8.5172213	0.0	3	2	4

## 6335	0.084615385	0.0000000	0.0	1	1	1
## 6336	0.060000000	0.0000000	0.0	3	2	5
## 6337	0.000000000	55.8997891	0.0	1	1	3
## 6338	0.133333333	0.0000000	0.0	3	2	4
## 6339	0.033333333	94.1036041	0.0	1	1	2
## 6340	0.010884354	0.0000000	0.0	2	2	5
## 6341	0.003741497	0.0000000	0.0	1	1	6
## 6342	0.017363636	4.2153635	0.0	2	2	5
## 6343	0.030675226	3.9967424	0.0	2	2	2
## 6344	0.012121212	0.0000000	0.0	3	2	1
## 6345	0.045161290	0.0000000	0.0	2	2	9
## 6346	0.014367816	0.0000000	0.0	2	2	7
## 6347	0.011764706	0.0000000	0.0	2	2	9
## 6348	0.025000000	0.0000000	0.0	1	2	1
## 6349	0.007042254	0.0000000	0.0	2	2	4
## 6350	0.006250000	166.3735531	0.0	1	1	1
## 6351	0.063333333	12.1360201	0.0	2	2	5
## 6352	0.011111111	83.9327429	0.0	2	2	2
## 6353	0.023076923	0.0000000	0.0	2	2	4
## 6354	0.116666667	0.0000000	0.0	2	4	1
## 6355	0.005128205	0.0000000	0.0	1	2	1
## 6356	0.020000000	35.3563194	0.0	1	1	8
## 6357	0.021333333	0.0000000	0.0	3	2	1
## 6358	0.002564103	0.0000000	0.0	2	10	1
## 6359	0.025860732	0.0000000	0.0	3	2	1
## 6360	0.100000000	0.0000000	0.0	3	2	3
## 6361	0.066666667	21.4789947	0.0	1	8	6
## 6362	0.016666667	124.9045858	0.0	2	6	9
## 6363	0.012962963	0.0000000	0.0	2	2	1
## 6364	0.013784185	0.0000000	0.0	2	4	2
## 6365	0.013240553	0.0000000	0.0	2	2	9
## 6366	0.040000000	0.0000000	0.0	1	1	3
## 6367	0.018695652	0.0000000	0.0	3	2	2
## 6368	0.046666667	11.1220514	0.0	3	2	3
## 6369	0.016000000	0.0000000	0.0	2	2	3
## 6370	0.050000000	36.2614192	0.0	2	2	3
## 6371	0.010000000	0.0000000	0.0	3	2	6
## 6372	0.015384615	0.0000000	0.0	2	5	7
## 6373	0.024611656	2.1694698	0.0	2	2	1
## 6374	0.007843137	0.0000000	0.0	2	2	2
## 6375	0.006020558	5.2681902	0.0	2	5	4
## 6376	0.035620915	0.0000000	0.0	2	10	4
## 6377	0.022857143	0.0000000	0.0	2	2	5
## 6378	0.020425941	16.1973198	0.0	2	2	2
## 6379	0.009183673	0.0000000	0.0	2	2	1
## 6380	0.033333333	0.0000000	0.0	2	2	1
## 6381	0.200000000	0.0000000	0.0	2	2	1
## 6382	0.000000000	34.0399754	0.0	2	2	4
## 6383	0.010281148	3.8705880	0.0	3	2	6
## 6384	0.007142857	0.0000000	0.0	2	2	1
## 6385	0.018312757	0.0000000	0.0	2	2	1
## 6386	0.200000000	0.0000000	0.0	1	1	1
## 6387	0.014285714	0.0000000	0.0	1	8	4
## 6388	0.001197045	20.6238708	0.0	2	5	4

##	6389	0.001250000	0.0000000	0.0	3	2	1
##	6390	0.040000000	10.9990184	0.0	2	2	1
##	6391	0.050000000	0.0000000	0.0	2	2	5
##	6392	0.015384615	0.0000000	0.0	2	5	3
##	6393	0.075000000	0.0000000	0.0	1	1	1
##	6394	0.003964551	22.3603344	0.0	2	2	1
##	6395	0.032048254	10.3193087	0.0	3	2	8
##	6396	0.150000000	0.0000000	0.0	3	2	1
##	6397	0.043050847	21.7406747	0.0	2	2	6
##	6398	0.010606061	52.9784187	0.0	2	2	9
##	6399	0.043750000	0.0000000	0.0	3	2	3
##	6400	0.002721088	4.4065782	0.0	2	2	1
##	6401	0.003571429	0.0000000	0.0	2	2	9
##	6402	0.092982456	0.0000000	0.0	1	1	2
##	6403	0.008800253	0.0000000	0.0	1	1	1
##	6404	0.000000000	0.0000000	0.0	1	1	1
##	6405	0.010526316	0.0000000	0.0	2	4	8
##	6406	0.062500000	0.0000000	0.0	2	2	9
##	6407	0.037500000	0.0000000	0.0	3	3	3
##	6408	0.034661180	0.0000000	0.0	1	8	1
##	6409	0.024809390	14.4030575	0.0	2	2	3
##	6410	0.040000000	0.0000000	0.0	1	8	1
##	6411	0.015563298	0.0000000	0.0	2	2	1
##	6412	0.008214286	0.0000000	0.0	1	2	2
##	6413	0.100000000	0.0000000	0.0	1	1	1
##	6414	0.020000000	0.0000000	0.0	2	6	1
##	6415	0.020467836	11.7031641	0.0	4	2	9
##	6416	0.008000000	0.0000000	0.0	1	1	1
##	6417	0.033333333	0.0000000	0.0	3	2	1
##	6418	0.045000000	0.0000000	0.0	2	2	8
##	6419	0.040384615	0.0000000	0.0	3	2	2
##	6420	0.028070175	9.1630384	0.0	2	2	1
##	6421	0.022000000	0.0000000	0.0	2	2	1
##	6422	0.000000000	22.1539913	0.0	1	1	7
##	6423	0.002352941	0.0000000	0.0	2	2	1
##	6424	0.057723577	10.1525314	0.0	2	6	4
##	6425	0.009523810	0.0000000	0.0	1	1	2
##	6426	0.003921569	92.9041786	0.0	2	2	1
##	6427	0.035087719	0.0000000	0.0	2	2	2
##	6428	0.200000000	0.0000000	0.0	2	4	9
##	6429	0.025396825	9.7752166	0.0	1	2	1
##	6430	0.022222222	0.0000000	0.0	1	1	3
##	6431	0.023125000	0.0000000	0.0	2	2	9
##	6432	0.036825949	0.0000000	0.0	2	2	4
##	6433	0.016666667	0.0000000	0.0	3	2	9
##	6434	0.024948268	0.0000000	0.0	3	2	1
##	6435	0.042857143	0.0000000	0.0	3	2	2
##	6436	0.033333333	0.0000000	0.0	2	2	1
##	6437	0.125000000	0.0000000	0.0	3	2	3
##	6438	0.007605389	0.0000000	0.0	3	2	1
##	6439	0.025000000	0.0000000	0.0	2	2	1
##	6440	0.037964727	0.0000000	0.0	2	2	2
##	6441	0.018181818	8.3267281	0.0	2	2	8
##	6442	0.005319149	45.6334538	0.0	2	2	1

##	6443	0.078125000	0.0000000	0.0	3	3	1
##	6444	0.036507937	10.7869918	0.0	2	2	2
##	6445	0.066666667	0.0000000	0.0	2	2	7
##	6446	0.035374150	6.0126711	0.0	2	4	3
##	6447	0.049224806	0.0000000	0.0	2	2	9
##	6448	0.008333333	0.0000000	0.0	1	1	1
##	6449	0.005000000	0.0000000	0.0	3	2	1
##	6450	0.028571429	0.0000000	0.0	2	2	7
##	6451	0.015000000	0.0000000	0.0	3	2	1
##	6452	0.011111111	0.0000000	0.0	2	10	3
##	6453	0.069230769	0.0000000	0.0	1	1	4
##	6454	0.067619048	0.0000000	0.0	2	4	3
##	6455	0.016691039	45.5527080	0.0	2	2	3
##	6456	0.009523810	0.0000000	0.0	3	3	4
##	6457	0.041441441	0.0000000	0.0	2	4	1
##	6458	0.037179487	0.0000000	0.0	3	2	5
##	6459	0.200000000	0.0000000	0.0	3	2	3
##	6460	0.033333333	0.0000000	0.0	2	2	6
##	6461	0.048201119	0.0000000	0.0	1	1	1
##	6462	0.011671335	12.0122126	0.0	3	2	1
##	6463	0.017272727	0.0000000	0.0	2	2	3
##	6464	0.056528671	0.0000000	0.0	1	2	1
##	6465	0.060370370	0.0000000	0.0	2	2	7
##	6466	0.023036223	13.2913159	0.0	2	4	4
##	6467	0.055555556	0.0000000	0.0	2	2	1
##	6468	0.000000000	258.5498732	0.0	2	2	3
##	6469	0.019820920	0.0000000	0.0	2	2	4
##	6470	0.090962963	3.1656913	0.0	2	2	6
##	6471	0.028901336	0.0000000	0.0	2	2	3
##	6472	0.081250000	3.2712146	0.0	3	7	3
##	6473	0.034920635	0.0000000	0.0	3	2	8
##	6474	0.012500000	0.0000000	0.0	2	2	7
##	6475	0.008789401	0.0000000	0.0	4	1	4
##	6476	0.027777778	0.0000000	0.0	1	1	2
##	6477	0.033333333	0.0000000	0.0	2	2	3
##	6478	0.004119850	0.0000000	0.0	2	2	7
##	6479	0.011904762	0.0000000	0.0	1	2	3
##	6480	0.018863427	0.1548213	0.0	2	2	1
##	6481	0.036363636	0.0000000	0.0	2	2	1
##	6482	0.006944444	0.0000000	0.0	3	2	3
##	6483	0.024166667	0.0000000	0.0	2	2	1
##	6484	0.005194805	16.1722885	0.0	2	2	3
##	6485	0.011111111	0.0000000	0.0	3	2	1
##	6486	0.046893939	0.0000000	0.0	2	2	1
##	6487	0.020385840	18.1967557	0.0	3	2	3
##	6488	0.034484127	11.1138398	0.0	2	7	2
##	6489	0.029890710	8.3391720	0.0	4	2	7
##	6490	0.029629630	0.0000000	0.0	1	1	1
##	6491	0.079629630	0.0000000	0.0	2	2	3
##	6492	0.012500000	0.0000000	0.0	2	10	1
##	6493	0.002000000	0.0000000	0.0	2	2	9
##	6494	0.024242424	0.0000000	0.0	2	2	5
##	6495	0.065408200	0.0000000	0.0	2	2	4
##	6496	0.050000000	0.0000000	0.0	2	10	3

## 6497	0.017142857	0.0000000	0.0	2	2	3
## 6498	0.200000000	0.0000000	0.0	3	2	3
## 6499	0.037207792	10.9566197	0.0	2	2	3
## 6500	0.072659574	0.0000000	0.0	3	2	6
## 6501	0.006250000	0.0000000	0.0	2	2	3
## 6502	0.014920635	0.0000000	0.0	1	1	1
## 6503	0.041025641	0.0000000	0.0	1	1	4
## 6504	0.015384615	70.3163515	0.0	2	2	3
## 6505	0.033766459	0.0000000	0.0	2	2	7
## 6506	0.005588342	0.0000000	0.0	2	2	4
## 6507	0.033333333	0.0000000	0.0	3	2	3
## 6508	0.042424242	4.7603285	0.0	3	2	4
## 6509	0.014184397	17.2102257	0.0	1	1	1
## 6510	0.008333333	0.0000000	0.0	2	2	1
## 6511	0.003921569	0.0000000	0.0	2	2	2
## 6512	0.021224490	0.0000000	0.0	2	2	8
## 6513	0.002849003	0.0000000	0.0	2	2	4
## 6514	0.012500000	0.0000000	0.0	2	2	4
## 6515	0.027056277	0.0000000	0.0	2	2	1
## 6516	0.086904762	0.0000000	0.0	2	2	1
## 6517	0.009090249	17.7981265	0.0	2	2	1
## 6518	0.040000000	30.2196964	0.0	1	2	6
## 6519	0.007142857	0.0000000	0.0	2	4	4
## 6520	0.018181818	0.0000000	0.0	2	2	1
## 6521	0.050000000	0.0000000	0.0	2	10	1
## 6522	0.013527508	10.1506437	0.0	2	2	3
## 6523	0.026500000	0.0000000	0.0	2	2	4
## 6524	0.007729114	3.1040191	0.0	1	1	3
## 6525	0.027272727	0.0000000	0.0	2	2	3
## 6526	0.048115942	8.6112214	0.0	2	5	3
## 6527	0.009511278	0.0000000	0.0	3	2	2
## 6528	0.009122010	5.8662489	0.0	1	1	1
## 6529	0.015384615	0.0000000	0.0	2	2	2
## 6530	0.030769231	0.0000000	0.0	3	3	1
## 6531	0.040000000	0.0000000	0.0	2	5	4
## 6532	0.150000000	0.0000000	0.0	1	1	1
## 6533	0.006451613	0.0000000	0.0	2	2	3
## 6534	0.008695652	87.2539629	0.0	1	1	3
## 6535	0.009090909	45.7114626	0.0	2	2	1
## 6536	0.033333333	50.3634741	0.0	4	1	3
## 6537	0.014078014	0.1392006	0.0	2	2	1
## 6538	0.010526316	104.2012273	0.0	2	2	1
## 6539	0.067397661	0.0000000	0.0	3	2	1
## 6540	0.011878788	12.1258688	0.0	3	2	4
## 6541	0.015000000	0.0000000	0.0	2	4	4
## 6542	0.011111111	0.0000000	0.0	2	2	2
## 6543	0.013636364	0.0000000	0.0	2	2	1
## 6544	0.062962963	29.6588037	0.0	2	2	1
## 6545	0.013333333	0.0000000	0.0	2	2	7
## 6546	0.013719827	0.0000000	0.0	2	2	3
## 6547	0.039365079	18.3020558	0.0	3	2	2
## 6548	0.011842105	0.0000000	0.0	3	2	1
## 6549	0.057142857	0.0000000	0.0	2	2	1
## 6550	0.025000000	0.0000000	0.0	2	2	1

## 6551	0.200000000	0.0000000	0.0	3	2	1
## 6552	0.025000000	0.0000000	0.0	2	4	1
## 6553	0.066666667	0.0000000	0.0	2	2	3
## 6554	0.041304348	0.0000000	0.0	1	1	1
## 6555	0.003174603	0.0000000	0.0	3	2	2
## 6556	0.022413793	2.8124741	0.0	2	2	1
## 6557	0.100000000	0.0000000	0.0	3	2	5
## 6558	0.048148148	0.0000000	0.0	2	2	2
## 6559	0.026377261	7.8063385	0.0	2	2	6
## 6560	0.007407407	0.0000000	0.0	2	4	6
## 6561	0.043198653	0.0000000	0.0	1	1	7
## 6562	0.037389344	5.7213651	0.0	1	1	4
## 6563	0.000000000	0.0000000	0.0	2	5	3
## 6564	0.155555556	0.0000000	0.0	2	2	7
## 6565	0.001928521	0.3847203	0.0	3	2	1
## 6566	0.016666667	113.9293434	0.0	2	10	1
## 6567	0.008695652	3.5866364	0.0	2	2	1
## 6568	0.020570175	1.4837463	0.0	2	2	4
## 6569	0.010000000	0.0000000	0.0	3	3	1
## 6570	0.007142857	0.0000000	0.0	2	2	9
## 6571	0.017041847	18.7486017	0.0	2	2	7
## 6572	0.015384615	0.0000000	0.0	2	2	8
## 6573	0.033333333	0.0000000	0.0	2	2	1
## 6574	0.048583043	0.0000000	0.0	1	1	7
## 6575	0.016226074	0.0000000	0.0	2	2	3
## 6576	0.128275862	0.0000000	0.0	1	1	1
## 6577	0.050000000	0.0000000	0.0	2	2	1
## 6578	0.045751634	0.0000000	0.0	3	2	6
## 6579	0.037500000	27.8311615	0.0	3	2	4
## 6580	0.100000000	0.0000000	0.0	2	5	9
## 6581	0.064444444	0.0000000	0.0	2	2	3
## 6582	0.011111111	0.0000000	0.0	2	2	3
## 6583	0.034416667	0.0000000	0.0	3	2	1
## 6584	0.042708333	18.0864487	0.0	3	2	2
## 6585	0.010000000	0.0000000	0.0	2	2	1
## 6586	0.004166667	0.0000000	0.0	2	2	2
## 6587	0.022666667	18.5032170	0.0	2	4	6
## 6588	0.075000000	0.0000000	0.0	2	4	1
## 6589	0.000000000	0.0000000	0.0	1	1	1
## 6590	0.200000000	0.0000000	0.0	3	2	1
## 6591	0.008695652	0.0000000	0.0	2	2	1
## 6592	0.007866316	3.8010484	0.0	3	2	6
## 6593	0.008000000	44.3597256	0.0	2	2	1
## 6594	0.020000000	0.0000000	0.0	2	4	1
## 6595	0.012547206	3.4593842	0.0	2	2	9
## 6596	0.005000000	0.0000000	0.0	1	2	1
## 6597	0.036336088	0.0000000	0.0	1	1	3
## 6598	0.022012579	0.0000000	0.0	2	4	1
## 6599	0.006250000	0.0000000	0.0	3	2	2
## 6600	0.050000000	113.3238614	0.0	2	2	9
## 6601	0.001587302	1.2982322	0.0	4	1	6
## 6602	0.036803966	9.5506274	0.0	2	6	4
## 6603	0.011764706	0.0000000	0.0	1	1	1
## 6604	0.037698413	10.7925088	0.0	3	2	1

## 6605	0.022771363	0.1506505	0.0	2	2	1
## 6606	0.010419753	35.2283723	0.0	3	6	3
## 6607	0.075925926	0.0000000	0.0	3	2	1
## 6608	0.012860238	37.5474164	0.0	2	2	1
## 6609	0.004444444	0.0000000	0.0	2	2	1
## 6610	0.031851593	2.0451374	0.0	2	5	1
## 6611	0.200000000	0.0000000	0.0	3	2	4
## 6612	0.030296143	0.0000000	0.0	2	2	3
## 6613	0.014285714	0.0000000	0.0	2	2	1
## 6614	0.023529412	0.0000000	0.0	2	2	1
## 6615	0.000000000	40.2781524	0.0	2	2	1
## 6616	0.021318681	0.0000000	0.0	4	1	3
## 6617	0.080000000	0.0000000	0.0	4	1	1
## 6618	0.022246642	0.0000000	0.0	2	4	1
## 6619	0.021212121	0.0000000	0.0	2	2	1
## 6620	0.028571429	44.8934594	0.0	2	2	7
## 6621	0.200000000	0.0000000	0.0	2	5	1
## 6622	0.050000000	0.0000000	0.0	1	1	9
## 6623	0.125000000	0.0000000	0.0	1	1	3
## 6624	0.086991870	0.0000000	0.0	1	1	1
## 6625	0.025000000	0.0000000	0.0	1	1	3
## 6626	0.028013468	0.0000000	0.0	2	2	1
## 6627	0.028456454	0.0000000	0.0	1	1	4
## 6628	0.004166667	61.9179206	0.0	2	2	3
## 6629	0.011948854	5.9153429	0.0	2	2	2
## 6630	0.014285714	0.0000000	0.0	2	2	6
## 6631	0.012857143	26.4102196	0.0	1	1	3
## 6632	0.007887882	1.8919435	0.0	2	4	3
## 6633	0.010000000	0.0000000	0.0	2	4	3
## 6634	0.026893939	5.2920142	0.0	2	2	4
## 6635	0.064516129	0.0000000	0.0	2	2	3
## 6636	0.057235450	0.0000000	0.0	1	1	3
## 6637	0.129580026	0.0000000	0.0	3	2	2
## 6638	0.038571429	0.0000000	0.0	1	1	3
## 6639	0.200000000	0.0000000	0.0	2	5	7
## 6640	0.005527012	13.7815082	0.0	1	1	2
## 6641	0.092156863	18.8714576	0.0	3	2	3
## 6642	0.017361111	0.0000000	0.0	3	2	4
## 6643	0.011764706	0.0000000	0.0	2	4	9
## 6644	0.002564103	0.0000000	0.0	2	2	3
## 6645	0.044117647	0.0000000	0.0	1	2	3
## 6646	0.013333333	0.0000000	0.0	2	2	9
## 6647	0.003468013	31.1409790	0.0	3	2	1
## 6648	0.037290510	0.0000000	0.0	3	2	7
## 6649	0.001709402	154.0955389	0.0	3	2	1
## 6650	0.002702703	0.0000000	0.0	2	2	3
## 6651	0.042857143	0.0000000	0.0	3	2	1
## 6652	0.028571429	0.0000000	0.0	2	2	1
## 6653	0.021333333	14.9278409	0.0	2	2	1
## 6654	0.037209302	0.0000000	0.0	2	2	5
## 6655	0.036944444	0.0000000	0.0	1	1	1
## 6656	0.078333333	0.0000000	0.0	3	2	3
## 6657	0.020000000	22.9772856	0.0	2	2	2
## 6658	0.007575758	0.0000000	0.0	1	1	8

##	6659	0.019607843	24.5734961	0.0	2	4	9
##	6660	0.090909091	0.0000000	0.0	1	1	4
##	6661	0.005555556	0.0000000	0.0	3	2	3
##	6662	0.009653998	0.0000000	0.0	2	2	1
##	6663	0.036111111	29.7149601	0.0	2	2	9
##	6664	0.200000000	0.0000000	0.0	3	2	1
##	6665	0.032261103	0.0000000	0.0	2	6	1
##	6666	0.054545455	0.0000000	0.0	1	1	3
##	6667	0.026315789	0.0000000	0.0	3	2	1
##	6668	0.009705882	0.0000000	0.0	3	2	6
##	6669	0.017287582	16.1488727	0.0	4	2	8
##	6670	0.029699248	0.0000000	0.0	4	1	3
##	6671	0.032638889	0.0000000	0.0	2	2	3
##	6672	0.006666667	67.1837836	0.0	2	2	1
##	6673	0.042471564	0.0000000	0.0	2	4	2
##	6674	0.018636364	20.0890239	0.0	2	6	5
##	6675	0.052631579	0.0000000	0.0	2	2	3
##	6676	0.200000000	0.0000000	0.0	3	2	2
##	6677	0.047858483	0.0000000	0.0	2	2	1
##	6678	0.009959744	34.4594355	0.0	3	2	1
##	6679	0.200000000	0.0000000	0.0	1	1	1
##	6680	0.013793103	0.0000000	0.0	2	2	1
##	6681	0.025000000	31.4436314	0.0	2	2	6
##	6682	0.058412698	0.0000000	0.0	1	1	1
##	6683	0.031102504	0.0000000	0.0	2	2	1
##	6684	0.013333333	0.0000000	0.0	1	1	3
##	6685	0.012121212	0.0000000	0.0	2	2	9
##	6686	0.039333333	0.0000000	0.0	3	2	3
##	6687	0.009090909	0.0000000	0.0	2	2	3
##	6688	0.020000000	0.0000000	0.0	3	2	1
##	6689	0.022222222	55.8997891	0.0	2	2	1
##	6690	0.018043478	10.2595096	0.0	1	1	3
##	6691	0.050691712	0.0000000	0.0	2	2	3
##	6692	0.024603175	0.0000000	0.0	2	2	1
##	6693	0.006060606	0.0000000	0.0	1	1	3
##	6694	0.028571429	0.0000000	0.0	2	2	1
##	6695	0.084375000	0.0000000	0.0	2	2	6
##	6696	0.000000000	0.0000000	0.0	2	2	1
##	6697	0.005128205	0.0000000	0.0	2	5	1
##	6698	0.019047619	0.6829123	0.0	2	2	2
##	6699	0.006060606	0.0000000	0.0	2	7	8
##	6700	0.019800052	11.4318084	0.0	3	2	1
##	6701	0.008641975	23.4227162	0.0	2	4	1
##	6702	0.004761905	25.5330039	0.0	2	2	3
##	6703	0.022500000	0.0000000	0.0	1	1	4
##	6704	0.033333333	19.5060571	0.0	1	1	4
##	6705	0.150000000	0.0000000	0.0	1	1	1
##	6706	0.028571429	0.0000000	0.0	2	2	1
##	6707	0.016896552	9.1286075	0.0	2	5	1
##	6708	0.003837261	0.0000000	0.0	4	2	9
##	6709	0.085714286	0.0000000	0.0	4	6	4
##	6710	0.034615385	8.3427559	0.0	2	4	2
##	6711	0.011111111	75.6299495	0.0	2	2	4
##	6712	0.011274510	0.0000000	0.0	2	6	1

## 6713	0.018181818	0.0000000	0.0	1	1	8
## 6714	0.012040588	30.8722722	0.0	3	2	1
## 6715	0.004166667	0.0000000	0.0	1	1	2
## 6716	0.200000000	0.0000000	0.0	3	2	1
## 6717	0.001212121	0.0000000	0.0	2	4	1
## 6718	0.003240964	0.0000000	0.0	2	2	1
## 6719	0.005882353	0.0000000	0.0	2	2	6
## 6720	0.000000000	112.4141272	0.0	1	1	1
## 6721	0.024000000	0.0000000	0.0	2	2	2
## 6722	0.100000000	0.0000000	0.0	3	2	1
## 6723	0.027027027	0.0000000	0.0	2	2	1
## 6724	0.018939394	0.0000000	0.0	2	2	1
## 6725	0.020412311	2.3212641	0.0	1	1	4
## 6726	0.021568627	0.0000000	0.0	4	1	4
## 6727	0.016666667	0.0000000	0.0	1	1	1
## 6728	0.031111111	24.8371866	0.0	2	2	4
## 6729	0.035897436	0.0000000	0.0	2	2	1
## 6730	0.023015892	17.7526724	0.0	3	3	3
## 6731	0.200000000	0.0000000	0.0	2	2	6
## 6732	0.043745174	0.0000000	0.0	1	1	1
## 6733	0.011764706	177.7714536	0.0	2	2	7
## 6734	0.160000000	0.0000000	0.0	1	1	4
## 6735	0.010000000	0.0000000	0.0	2	2	3
## 6736	0.028571429	0.0000000	0.0	2	2	7
## 6737	0.000000000	92.9762414	0.0	2	2	7
## 6738	0.002614379	0.0000000	0.0	3	2	3
## 6739	0.020000000	0.0000000	0.0	2	2	1
## 6740	0.008679315	0.0000000	0.0	2	2	3
## 6741	0.025016422	0.6853358	0.0	3	2	1
## 6742	0.021505376	21.1401640	0.0	2	2	7
## 6743	0.064285714	0.0000000	0.0	3	2	3
## 6744	0.017091837	7.3650903	0.0	2	5	4
## 6745	0.011027644	0.4470387	0.0	1	1	3
## 6746	0.029102564	15.3386702	0.0	3	2	3
## 6747	0.000000000	0.0000000	0.0	2	2	6
## 6748	0.116666667	0.0000000	0.0	1	1	1
## 6749	0.000000000	0.0000000	0.0	2	2	1
## 6750	0.057142857	0.0000000	0.0	4	2	3
## 6751	0.200000000	0.0000000	0.0	3	2	1
## 6752	0.012088889	22.2931906	0.0	2	2	1
## 6753	0.059221273	0.0000000	0.0	3	2	9
## 6754	0.011111111	23.5504394	0.0	2	4	1
## 6755	0.030104167	0.0000000	0.0	3	2	1
## 6756	0.033333333	0.0000000	0.0	2	2	8
## 6757	0.038705882	0.0000000	0.0	1	8	6
## 6758	0.016333333	0.0000000	0.0	3	2	4
## 6759	0.025520833	4.3651813	0.0	4	2	1
## 6760	0.080000000	0.0000000	0.0	2	5	1
## 6761	0.018181818	60.7128717	0.0	1	1	7
## 6762	0.028571429	0.0000000	0.0	2	2	2
## 6763	0.014062500	25.1115088	0.0	2	2	4
## 6764	0.012500000	0.0000000	0.0	2	2	5
## 6765	0.063636364	0.0000000	0.0	2	2	1
## 6766	0.032253521	4.2867437	0.0	2	2	1

## 6767	0.023589744	11.6206352	0.0	1	1	3
## 6768	0.087500000	0.0000000	0.0	3	2	6
## 6769	0.029589443	0.0000000	0.0	1	1	3
## 6770	0.014285714	12.1571341	0.0	2	2	1
## 6771	0.007692308	0.0000000	0.0	1	1	1
## 6772	0.078787879	0.0000000	0.0	2	4	1
## 6773	0.022538246	12.7649019	0.0	1	2	3
## 6774	0.022222222	0.0000000	0.0	2	2	1
## 6775	0.003125000	0.0000000	0.0	3	2	2
## 6776	0.022337803	0.0000000	0.0	2	6	2
## 6777	0.200000000	0.0000000	0.0	2	2	1
## 6778	0.046666667	0.0000000	0.0	2	2	1
## 6779	0.015870587	24.2176028	0.0	2	2	1
## 6780	0.040000000	0.0000000	0.0	2	2	3
## 6781	0.005699436	0.8583615	0.0	2	2	3
## 6782	0.012500000	0.0000000	0.0	2	2	5
## 6783	0.018527590	0.0000000	0.0	2	2	4
## 6784	0.037301587	5.0344093	0.0	3	2	2
## 6785	0.002409670	0.0000000	0.0	1	1	2
## 6786	0.040000000	0.0000000	0.0	3	2	2
## 6787	0.050000000	0.0000000	0.0	2	2	3
## 6788	0.100000000	0.0000000	0.0	3	2	6
## 6789	0.023856289	5.6592712	0.0	1	2	7
## 6790	0.025837468	10.5955312	0.0	1	1	1
## 6791	0.020707071	0.0000000	0.0	2	2	3
## 6792	0.009195402	0.0000000	0.0	2	4	1
## 6793	0.010000000	0.0000000	0.0	3	2	1
## 6794	0.032987654	5.2902625	0.0	2	2	3
## 6795	0.037802052	0.0000000	0.0	3	2	8
## 6796	0.001388889	17.9298338	0.0	2	2	7
## 6797	0.018380231	0.0000000	0.0	3	2	3
## 6798	0.010606061	37.8616740	0.0	4	1	3
## 6799	0.033333333	4.7830726	0.0	2	7	7
## 6800	0.074074074	0.0000000	0.0	1	1	2
## 6801	0.040000000	15.4519808	0.0	2	4	1
## 6802	0.015238095	0.0000000	0.0	2	2	1
## 6803	0.008400000	16.3797820	0.0	2	2	1
## 6804	0.004061303	0.0000000	0.0	3	2	9
## 6805	0.022222222	0.0000000	0.0	1	1	1
## 6806	0.032705748	5.6137083	0.0	3	2	3
## 6807	0.022197723	0.0000000	0.0	3	2	4
## 6808	0.009523810	15.8948015	0.0	2	10	3
## 6809	0.008333333	0.0000000	0.0	1	1	4
## 6810	0.027551020	0.0000000	0.0	3	2	6
## 6811	0.033333333	0.0000000	0.0	2	2	1
## 6812	0.032956586	0.0000000	0.0	2	2	5
## 6813	0.018571429	35.8914075	0.0	3	2	3
## 6814	0.006917563	13.0919595	0.0	2	2	3
## 6815	0.026470588	6.9298263	0.0	2	2	2
## 6816	0.000000000	50.4111604	0.0	2	2	8
## 6817	0.028571429	0.0000000	0.0	2	7	3
## 6818	0.008823529	0.0000000	0.0	2	7	1
## 6819	0.025614035	18.4274059	0.0	1	1	3
## 6820	0.009090909	61.8084360	0.0	2	5	4

## 6821	0.071984127	4.0011735	0.0	2	4	2
## 6822	0.040000000	0.0000000	0.0	1	1	6
## 6823	0.025000000	0.0000000	0.0	1	1	4
## 6824	0.008333333	17.6221115	0.0	2	2	4
## 6825	0.076923077	0.0000000	0.0	3	2	1
## 6826	0.047380485	0.0000000	0.0	2	2	4
## 6827	0.019047619	9.3527800	0.0	1	1	4
## 6828	0.000000000	0.0000000	0.0	3	2	3
## 6829	0.025000000	0.0000000	0.0	3	2	8
## 6830	0.005555556	0.0000000	0.0	1	2	3
## 6831	0.007912088	33.6178765	0.0	2	2	2
## 6832	0.018181818	0.0000000	0.0	1	1	4
## 6833	0.052245370	0.0000000	0.0	2	2	3
## 6834	0.083095238	0.0000000	0.0	3	2	6
## 6835	0.007997558	4.6830760	0.0	1	1	1
## 6836	0.005882353	0.0000000	0.0	3	2	1
## 6837	0.050000000	0.0000000	0.0	2	2	3
## 6838	0.006666667	0.0000000	0.0	3	2	3
## 6839	0.025771658	0.5797857	0.0	2	2	4
## 6840	0.028965517	0.0000000	0.0	2	2	6
## 6841	0.040000000	0.0000000	0.0	2	2	1
## 6842	0.030868963	10.4597700	0.0	1	1	3
## 6843	0.046666667	20.1390762	0.0	2	2	3
## 6844	0.200000000	0.0000000	0.0	2	2	2
## 6845	0.022135467	6.3244771	0.0	1	2	8
## 6846	0.063095238	0.0000000	0.0	1	8	7
## 6847	0.090090090	0.0000000	0.0	3	2	1
## 6848	0.011111111	0.0000000	0.0	1	1	1
## 6849	0.030927052	16.6121174	0.0	2	4	3
## 6850	0.035701754	1.4352240	0.0	2	2	1
## 6851	0.017573302	0.0000000	0.0	1	1	3
## 6852	0.016666667	0.0000000	0.0	2	2	3
## 6853	0.015789474	0.0000000	0.0	2	2	4
## 6854	0.011851852	0.0000000	0.0	2	4	4
## 6855	0.088888889	0.0000000	0.0	3	5	1
## 6856	0.018670927	11.7174676	0.0	2	2	3
## 6857	0.012500000	0.0000000	0.0	2	2	8
## 6858	0.026666667	0.0000000	0.0	2	2	3
## 6859	0.012017544	12.1225775	0.0	2	5	2
## 6860	0.002380952	47.3266132	0.0	3	2	1
## 6861	0.017657266	22.9750759	0.0	2	2	1
## 6862	0.033333333	0.0000000	0.0	2	6	2
## 6863	0.054954955	0.0000000	0.0	2	2	1
## 6864	0.018333333	0.0000000	0.0	2	2	4
## 6865	0.033333333	48.7880688	0.0	2	2	3
## 6866	0.062012012	0.0000000	0.0	1	1	1
## 6867	0.100000000	0.0000000	0.0	3	2	6
## 6868	0.020091324	0.0000000	0.0	2	2	3
## 6869	0.007142857	53.8878244	0.0	2	5	1
## 6870	0.018933333	0.0000000	0.0	2	2	7
## 6871	0.046376812	0.0000000	0.0	3	2	1
## 6872	0.016833856	0.0000000	0.0	2	2	1
## 6873	0.000000000	17.3625232	0.0	2	2	2
## 6874	0.003333333	0.0000000	0.0	4	2	9

## 6875	0.000000000	179.3072930	0.0	2	2	4
## 6876	0.013361447	9.4534491	0.0	2	2	7
## 6877	0.030246914	0.0000000	0.0	2	5	5
## 6878	0.015000000	0.0000000	0.0	2	10	3
## 6879	0.028165804	7.2244191	0.0	3	2	1
## 6880	0.021428571	0.0000000	0.0	2	2	7
## 6881	0.037080939	0.0000000	0.0	2	2	1
## 6882	0.033333333	0.0000000	0.0	2	7	7
## 6883	0.008695652	0.0000000	0.0	2	2	1
## 6884	0.016949586	0.0000000	0.0	2	4	9
## 6885	0.040000000	0.0000000	0.0	2	2	8
## 6886	0.081481481	0.0000000	0.0	2	2	7
## 6887	0.006976744	0.0000000	0.0	2	2	4
## 6888	0.000732601	68.3205006	0.0	2	2	5
## 6889	0.012523310	5.3297436	0.0	2	2	6
## 6890	0.037931034	0.0000000	0.0	2	2	1
## 6891	0.009600000	0.0000000	0.0	2	2	1
## 6892	0.022395833	0.0000000	0.0	2	5	8
## 6893	0.007692308	0.0000000	0.0	2	5	3
## 6894	0.037647059	68.7522607	0.0	3	2	4
## 6895	0.066666667	0.0000000	0.0	1	1	3
## 6896	0.027777778	0.0000000	0.0	3	2	4
## 6897	0.033333333	21.2727178	0.0	2	2	7
## 6898	0.017647059	0.0000000	0.0	2	4	3
## 6899	0.025442703	16.9688549	0.0	3	2	7
## 6900	0.018947368	0.0000000	0.0	2	2	1
## 6901	0.040000000	0.0000000	0.0	2	2	1
## 6902	0.029629630	0.0000000	0.0	2	2	7
## 6903	0.009523810	0.0000000	0.0	3	2	1
## 6904	0.100000000	0.0000000	0.0	3	2	3
## 6905	0.033333333	0.0000000	0.0	2	2	1
## 6906	0.066666667	0.0000000	0.0	3	2	8
## 6907	0.050000000	0.0000000	0.0	2	2	3
## 6908	0.030687831	0.0000000	0.0	1	1	1
## 6909	0.019047619	0.0000000	0.0	1	1	1
## 6910	0.066666667	0.0000000	0.0	2	2	1
## 6911	0.008333333	0.0000000	0.0	3	2	7
## 6912	0.004094211	0.0000000	0.0	3	2	5
## 6913	0.019472789	0.0000000	0.0	1	1	6
## 6914	0.200000000	0.0000000	0.0	3	2	1
## 6915	0.041609195	0.0000000	0.0	1	8	1
## 6916	0.025000000	0.0000000	0.0	2	2	9
## 6917	0.046632997	13.8379178	0.0	2	2	1
## 6918	0.013391698	2.5684839	0.0	2	2	1
## 6919	0.058333333	0.0000000	0.0	1	2	4
## 6920	0.050000000	0.0000000	0.0	1	2	1
## 6921	0.040000000	0.0000000	0.0	2	4	9
## 6922	0.038461538	0.0000000	0.0	1	1	1
## 6923	0.020000000	0.0000000	0.0	2	2	3
## 6924	0.025000000	0.0000000	0.0	1	2	3
## 6925	0.200000000	0.0000000	0.0	1	2	2
## 6926	0.050000000	0.0000000	0.0	1	1	1
## 6927	0.010992908	112.4406212	0.0	4	2	7
## 6928	0.039473684	0.0000000	0.0	2	2	1

##	6929	0.028962492	0.0000000	0.0	2	2	1
##	6930	0.035925926	0.0000000	0.0	2	2	2
##	6931	0.030303030	10.0519025	0.0	1	8	3
##	6932	0.080246914	0.0000000	0.0	1	1	3
##	6933	0.061688596	0.9758033	0.0	4	1	2
##	6934	0.024035088	0.0000000	0.0	1	1	1
##	6935	0.018561297	0.0000000	0.0	2	2	1
##	6936	0.100000000	0.0000000	0.0	1	1	1
##	6937	0.006896552	0.0000000	0.0	2	2	4
##	6938	0.004761905	44.7361041	0.0	2	2	7
##	6939	0.092857143	0.0000000	0.0	1	1	9
##	6940	0.026328773	14.9279781	0.0	2	2	5
##	6941	0.044444444	0.0000000	0.0	2	2	3
##	6942	0.002222222	0.0000000	0.0	2	2	1
##	6943	0.029411765	0.0000000	0.0	2	2	3
##	6944	0.036488095	16.1347001	0.0	1	1	8
##	6945	0.023197087	0.0000000	0.0	4	1	1
##	6946	0.007407407	79.5130267	0.0	2	2	1
##	6947	0.015384615	0.0000000	0.0	1	1	3
##	6948	0.077777778	0.0000000	0.0	1	1	4
##	6949	0.050000000	0.0000000	0.0	1	1	1
##	6950	0.013978495	0.0000000	0.0	2	2	1
##	6951	0.072222222	0.0000000	0.0	2	2	3
##	6952	0.059913420	0.0000000	0.0	1	1	6
##	6953	0.028571429	0.0000000	0.0	1	1	3
##	6954	0.050793651	0.0000000	0.0	3	2	1
##	6955	0.022653941	1.8163502	0.0	2	2	3
##	6956	0.004861111	86.3103427	0.0	4	2	3
##	6957	0.009090909	0.0000000	0.0	1	1	5
##	6958	0.020000000	11.2133047	0.0	2	4	7
##	6959	0.024303938	0.0000000	0.0	2	2	6
##	6960	0.028571429	0.0000000	0.0	2	2	4
##	6961	0.010000000	0.0000000	0.0	1	1	6
##	6962	0.119230769	0.0000000	0.0	2	2	7
##	6963	0.200000000	0.0000000	0.0	1	1	1
##	6964	0.022222222	0.0000000	0.0	2	2	9
##	6965	0.033333333	0.0000000	0.0	2	2	1
##	6966	0.028571429	0.0000000	0.0	3	2	8
##	6967	0.009090909	0.0000000	0.0	2	2	8
##	6968	0.016666667	0.0000000	0.0	2	2	1
##	6969	0.002000000	0.0000000	0.0	2	2	3
##	6970	0.026747720	0.0000000	0.0	1	1	4
##	6971	0.031428571	0.0000000	0.0	3	2	1
##	6972	0.065367965	14.2862974	0.0	3	2	1
##	6973	0.018119658	0.0000000	0.0	2	4	7
##	6974	0.007407407	0.0000000	0.0	2	2	6
##	6975	0.007058824	0.0000000	0.0	1	1	1
##	6976	0.033333333	0.0000000	0.0	2	2	7
##	6977	0.006700972	69.9143923	0.0	2	2	5
##	6978	0.014814815	0.0000000	0.0	2	2	6
##	6979	0.052845528	0.0000000	0.0	2	10	3
##	6980	0.018181818	17.2967638	0.0	2	2	5
##	6981	0.024522672	7.9134588	0.0	1	1	6
##	6982	0.000000000	0.0000000	0.0	2	2	2

## 6983	0.011461095	2.3952831	0.0	2	2	4
## 6984	0.014175592	0.0000000	0.0	2	4	4
## 6985	0.012631579	0.0000000	0.0	2	5	2
## 6986	0.069642857	0.0000000	0.0	2	2	4
## 6987	0.018181818	0.0000000	0.0	2	2	7
## 6988	0.013380282	0.0000000	0.0	2	2	3
## 6989	0.015789474	22.8997220	0.0	1	1	3
## 6990	0.015151515	0.0000000	0.0	2	2	1
## 6991	0.120000000	0.0000000	0.0	2	2	3
## 6992	0.080612245	0.0000000	0.0	3	2	6
## 6993	0.008886586	9.8361808	0.0	2	2	4
## 6994	0.021666667	0.0000000	0.0	3	2	8
## 6995	0.038333333	0.0000000	0.0	2	2	1
## 6996	0.059848485	0.0000000	0.0	4	1	1
## 6997	0.017521368	0.0000000	0.0	3	3	4
## 6998	0.066666667	0.0000000	0.0	2	2	3
## 6999	0.020887446	0.0000000	0.0	2	2	9
## 7000	0.002845528	87.3069584	0.0	2	2	2
## 7001	0.003703704	0.0000000	0.0	1	1	2
## 7002	0.004444444	83.1011426	0.0	2	2	3
## 7003	0.066666667	26.8521016	0.0	3	2	7
## 7004	0.029938272	8.2851194	0.0	2	2	8
## 7005	0.004545455	42.2930675	0.0	2	2	1
## 7006	0.011448413	8.0524962	0.0	2	2	3
## 7007	0.001282051	0.0000000	0.0	3	2	6
## 7008	0.019047619	0.0000000	0.0	2	5	2
## 7009	0.006400000	17.0952864	0.0	2	10	4
## 7010	0.017857460	0.0000000	0.0	3	2	8
## 7011	0.006250000	0.0000000	0.0	4	1	1
## 7012	0.008333333	10.1929516	0.0	2	2	6
## 7013	0.021428571	0.0000000	0.0	2	2	3
## 7014	0.012351425	0.0000000	0.0	3	2	9
## 7015	0.094117647	0.0000000	0.0	2	2	3
## 7016	0.022222222	0.0000000	0.0	3	2	8
## 7017	0.009375000	36.7036931	0.0	2	2	1
## 7018	0.016363636	32.4177336	0.0	2	6	4
## 7019	0.027868852	12.7136792	0.0	2	4	1
## 7020	0.041935484	0.0000000	0.0	2	2	5
## 7021	0.023684211	0.0000000	0.0	2	2	1
## 7022	0.092658730	0.0000000	0.0	2	2	1
## 7023	0.032738095	8.0522315	0.0	6	5	4
## 7024	0.100000000	0.0000000	0.0	1	1	1
## 7025	0.031306306	0.4082381	0.0	2	2	1
## 7026	0.008355899	13.4904724	0.0	1	1	8
## 7027	0.030448718	0.0000000	0.0	2	2	3
## 7028	0.036036036	13.6630847	0.0	2	2	4
## 7029	0.005000000	0.0000000	0.0	2	2	1
## 7030	0.103030303	0.0000000	0.0	2	2	1
## 7031	0.039393939	0.0000000	0.0	2	2	1
## 7032	0.008333333	0.0000000	0.0	3	2	5
## 7033	0.010000000	0.0000000	0.0	2	4	8
## 7034	0.022648084	0.0000000	0.0	2	2	3
## 7035	0.056017316	0.0000000	0.0	1	1	1
## 7036	0.061313776	0.0000000	0.0	3	2	6

## 7037	0.006349206	0.0000000	0.0	2	2	2
## 7038	0.022380952	0.0000000	0.0	3	2	2
## 7039	0.005952381	0.0000000	0.0	3	2	6
## 7040	0.020000000	0.0000000	0.0	2	5	1
## 7041	0.008565782	1.9525534	0.0	2	2	1
## 7042	0.019107143	0.0000000	0.0	2	2	9
## 7043	0.033333333	0.0000000	0.0	2	2	9
## 7044	0.013675214	0.0000000	0.0	2	2	2
## 7045	0.027272727	0.0000000	0.0	2	4	1
## 7046	0.023333333	0.0000000	0.0	2	2	6
## 7047	0.052380952	0.0000000	0.0	3	2	2
## 7048	0.033907028	0.0000000	0.0	2	2	8
## 7049	0.014728682	0.0000000	0.0	2	6	5
## 7050	0.022222222	0.0000000	0.0	2	2	3
## 7051	0.014285714	82.0214360	0.0	1	1	1
## 7052	0.039979296	0.0000000	0.0	1	1	6
## 7053	0.003014129	0.0000000	0.0	3	2	1
## 7054	0.010389610	0.0000000	0.0	3	2	1
## 7055	0.015151515	9.5425157	0.0	2	2	1
## 7056	0.062500000	0.0000000	0.0	3	2	3
## 7057	0.033333333	0.0000000	0.0	2	2	7
## 7058	0.020000000	0.0000000	0.0	2	4	2
## 7059	0.020689655	4.8189473	0.0	4	1	3
## 7060	0.012613585	33.4117378	0.0	2	2	7
## 7061	0.200000000	0.0000000	0.0	1	8	1
## 7062	0.000000000	31.7208081	0.0	2	2	5
## 7063	0.002821869	0.0000000	0.0	4	1	1
## 7064	0.010000000	0.0000000	0.0	1	1	6
## 7065	0.039077841	0.0000000	0.0	3	2	4
## 7066	0.018114342	0.0000000	0.0	3	2	3
## 7067	0.036382031	11.1566893	0.0	3	2	3
## 7068	0.048958333	0.0000000	0.0	3	2	4
## 7069	0.050000000	0.0000000	0.0	1	8	1
## 7070	0.015641026	0.0000000	0.0	2	2	1
## 7071	0.008000000	0.0000000	0.0	1	1	3
## 7072	0.014285714	0.0000000	0.0	3	2	8
## 7073	0.015384615	0.0000000	0.0	2	2	1
## 7074	0.020833333	0.0000000	0.0	2	5	6
## 7075	0.008333333	0.0000000	0.0	1	1	6
## 7076	0.053030303	0.0000000	0.0	2	2	3
## 7077	0.000000000	86.1235153	0.0	2	2	9
## 7078	0.051666667	0.0000000	0.0	2	2	1
## 7079	0.011944444	1.5335393	0.0	2	2	7
## 7080	0.200000000	0.0000000	0.0	1	1	3
## 7081	0.037398374	0.0000000	0.0	1	1	3
## 7082	0.050000000	0.0000000	0.0	2	4	9
## 7083	0.007295031	2.7670551	0.0	1	1	1
## 7084	0.008888889	23.6635881	0.0	3	2	3
## 7085	0.016000000	71.0743563	0.0	1	1	1
## 7086	0.003333333	0.0000000	0.0	2	2	4
## 7087	0.015186147	0.0000000	0.0	4	2	4
## 7088	0.060270563	0.0000000	0.0	1	1	1
## 7089	0.051612903	6.4767604	0.0	2	6	3
## 7090	0.049722222	0.0000000	0.0	2	2	2

##	7091	0.053623188	0.0000000	0.0	3	2	4
##	7092	0.007142857	0.0000000	0.0	2	2	7
##	7093	0.016666667	4.4280524	0.0	1	1	6
##	7094	0.005128205	0.0000000	0.0	2	10	7
##	7095	0.016095238	0.0000000	0.0	2	4	1
##	7096	0.027316655	0.0000000	0.0	2	2	3
##	7097	0.043137255	2.0016403	0.0	3	2	4
##	7098	0.028571429	88.0684840	0.0	2	2	7
##	7099	0.060000000	27.8892456	0.0	2	2	7
##	7100	0.022972973	31.7437346	0.0	3	2	1
##	7101	0.019859307	4.0233237	0.0	2	2	8
##	7102	0.004166667	0.0000000	0.0	2	2	1
##	7103	0.048484848	0.0000000	0.0	1	1	1
##	7104	0.200000000	0.0000000	0.0	2	4	3
##	7105	0.009803922	0.0000000	0.0	2	10	1
##	7106	0.025000000	0.0000000	0.0	1	1	4
##	7107	0.066228070	0.0000000	0.0	3	2	2
##	7108	0.029166667	0.0000000	0.0	1	1	9
##	7109	0.016666667	36.3349636	0.0	1	1	1
##	7110	0.050000000	0.0000000	0.0	2	4	1
##	7111	0.012500000	0.0000000	0.0	2	7	1
##	7112	0.010526316	0.0000000	0.0	2	2	3
##	7113	0.001379310	0.0000000	0.0	1	8	1
##	7114	0.041643072	0.0000000	0.0	3	2	1
##	7115	0.013333333	0.0000000	0.0	1	1	1
##	7116	0.034691241	35.0395309	0.0	3	2	8
##	7117	0.009734513	48.7308104	0.0	4	1	3
##	7118	0.028639403	0.0000000	0.0	1	1	1
##	7119	0.038231522	0.0000000	0.0	3	2	1
##	7120	0.028000000	17.7272229	0.0	2	2	5
##	7121	0.036363636	8.1543613	0.0	2	2	3
##	7122	0.018750000	5.8181512	0.0	2	2	1
##	7123	0.033333333	0.0000000	0.0	2	2	5
##	7124	0.067142857	0.0000000	0.0	2	2	2
##	7125	0.025287479	3.5829812	0.0	3	2	5
##	7126	0.027272727	0.0000000	0.0	2	10	7
##	7127	0.007407407	30.5459634	0.0	2	2	1
##	7128	0.025371224	0.0000000	0.0	1	1	6
##	7129	0.200000000	0.0000000	0.0	1	1	3
##	7130	0.025000000	0.0000000	0.0	2	2	8
##	7131	0.186666667	0.0000000	0.0	3	2	8
##	7132	0.037356322	0.0000000	0.0	2	4	3
##	7133	0.007407407	46.8485666	0.0	1	1	2
##	7134	0.027846816	0.0000000	0.0	3	2	6
##	7135	0.070000000	0.0000000	0.0	1	1	4
##	7136	0.054545455	0.0000000	0.0	2	2	4
##	7137	0.004166667	0.0000000	0.0	2	2	4
##	7138	0.013513514	0.0000000	0.0	1	1	1
##	7139	0.046666667	0.0000000	0.0	1	8	5
##	7140	0.006666667	0.0000000	0.0	2	5	8
##	7141	0.022222222	0.0000000	0.0	4	1	1
##	7142	0.028571429	0.0000000	0.0	2	2	4
##	TrafficType						
##	1	1					

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## 18	4
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## 20	4
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## 22	3
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## 26	3
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## 30	1
## 31	3
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## 37	4
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## 45	3
## 46	4
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## 51	4
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## 54	3
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## 102	4
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## 105	4
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## 7130      6
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## 7133      2
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## 7135      3
## 7136      1
## 7137      4
## 7138      5
## 7139     11
## 7140      2
## 7141      3
## 7142      2
## [ reached 'max' / getOption("max.print") -- omitted 5069 rows ]
```

```
## scaling data
```

```
scaled <- scale(cluster_data)
```

```
c_data <- dist(scaled)
```

```
c_data
```

```
##      1      2      3      4      5
## 2  5.072007e+00
## 3  4.720871e+00 6.361412e+00
## 4  4.306800e+00 1.897670e+00 4.767076e+00
## 5  5.762035e+00 1.813469e+00 6.336511e+00 2.209401e+00
## 6  5.732185e+00 1.730353e+00 6.881305e+00 2.899676e+00 1.425864e+00
## 7  3.041487e+00 5.499441e+00 4.265891e+00 4.409729e+00 5.721882e+00
## 8  1.193330e+00 5.096024e+00 4.766420e+00 4.219119e+00 5.636473e+00
## 9  6.491878e+00 4.036855e+00 7.339301e+00 4.393385e+00 4.398317e+00
##      6      7      8      9     10
## 2
## 3
## 4
## 5
## 6
## 7  6.093329e+00
## 8  5.710196e+00 2.762386e+00
## 9  4.378090e+00 5.446199e+00 6.472465e+00
##      11      12      13      14      15
## 2
## 3
## 4
## 5
## 6
## 7
## 8
## 9
##      16      17      18      19      20
## 2
## 3
## 4
## 5
```

##	6				
##	7				
##	8				
##	9				
##		21	22	23	24
##	2				25
##	3				
##	4				
##	5				
##	6				
##	7				
##	8				
##	9				
##		26	27	28	29
##	2				30
##	3				
##	4				
##	5				
##	6				
##	7				
##	8				
##	9				
##		31	32	33	34
##	2				35
##	3				
##	4				
##	5				
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##	2				11705
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##		11811	11812	11813	11814
##	2				11815
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##	2				11855
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##	2				11895
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##		11991	11992	11993	11994
##	2				11995
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##	2				12015
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##		12031	12032	12033	12034
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##	2				12050
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##	9				
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##	2				12060
##	3				
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##	9				
##		12061	12062	12063	12064
##	2				12065
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##	9				
##		12066	12067	12068	12069
##	2				12070
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##	9				
##		12071	12072	12073	12074
##	2				12075
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##		12076	12077	12078	12079
##	2				12080
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##		12081	12082	12083	12084
##	2				12085
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##	9				
##		12086	12087	12088	12089
##	2				12090
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##		12091	12092	12093	12094
##	2				12095
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##	9				
##		12096	12097	12098	12099
##	2				12100
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##	9				
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##	2				12105
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##	2				12115
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##		12116	12117	12118	12119
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##		12131	12132	12133	12134
##	2				12135
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##		12136	12137	12138	12139
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##	3				
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##	9				
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##		12151	12152	12153	12154
##	2				12155
##	3				
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##	9				
##		12156	12157	12158	12159
##	2				12160
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##	2				12170
##	3				
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##	2				12175
##	3				
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##	2				12180
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##	7				
##	8				
##	9				
##		12181	12182	12183	12184
##	2				12185
##	3				
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##	6				
##	7				
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##	9				
##		12186	12187	12188	12189
##	2				12190
##	3				
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##	9				
##		12191	12192	12193	12194
##	2				12195
##	3				
##	4				
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##		12196	12197	12198	12199
##	2				12200
##	3				
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##	5				

```

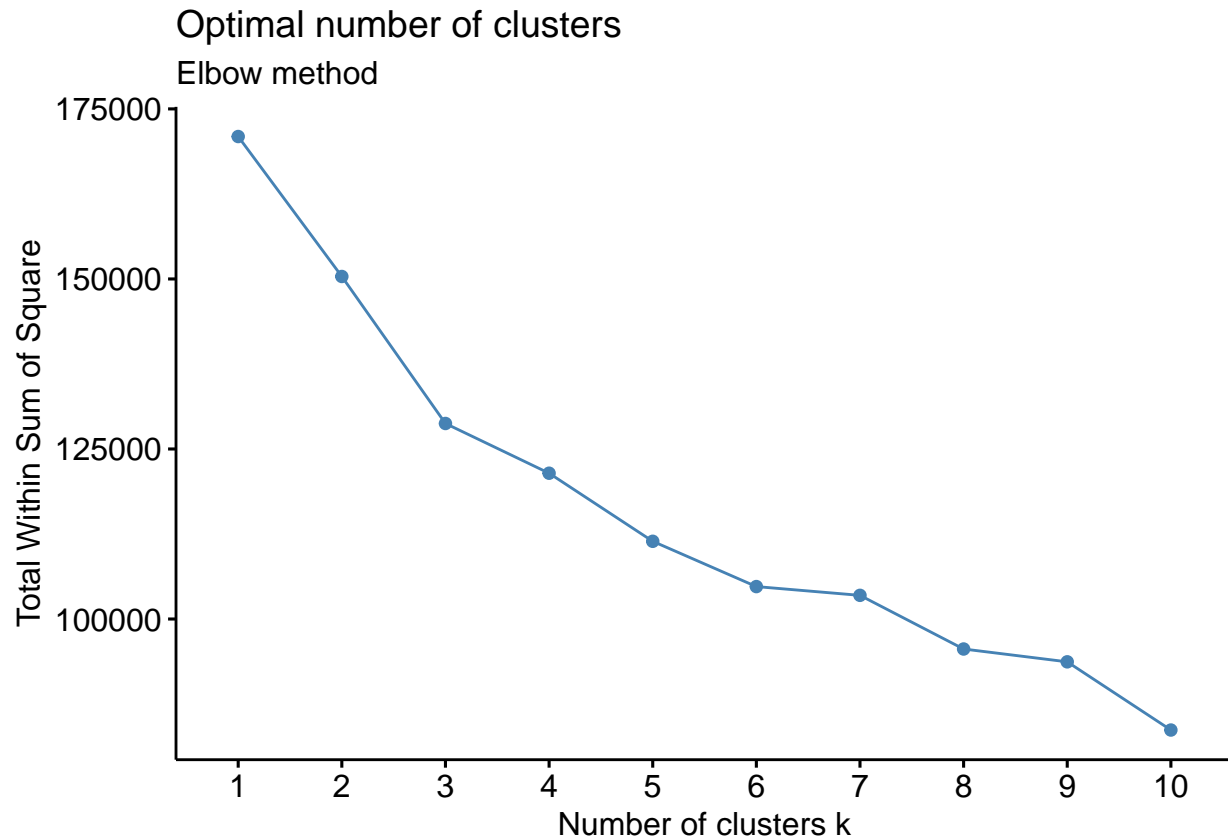
## 6
## 7
## 8
## 9
##      12201      12202      12203      12204      12205
## 2
## 3
## 4
## 5
## 6
## 7
## 8
## 9
##      12206      12207      12208      12209      12210
## 2
## 3
## 4
## 5
## 6
## 7
## 8
## 9
## [ reached getOption("max.print") -- omitted 12202 rows ]

```

```

## Getting the number of clusters
## Within sum squares
fviz_nbclust(scaled, kmeans, method = "wss")+
  labs(subtitle = "Elbow method")

```



The optimal number of k is 3.

```
## K-means
km.out <- kmeans(scaled, centers = 3, nstart = 100)
print(km.out)
```

```
## K-means clustering with 3 clusters of sizes 1620, 945, 9646
##
## Cluster means:
##   Administrative Administrative_Duration Informational Informational_Duration
## 1      1.5083807          1.2742648      1.5876266          1.2646000
## 2     -0.6847528          -0.4509281     -0.3848979          -0.2458883
## 3     -0.1862415          -0.1698302     -0.2289267          -0.1882944
##   ProductRelated ProductRelated_Duration BounceRates ExitRates PageValues
## 1      1.4553551          1.3711234    -0.3126570    -0.4776391    0.201005869
## 2     -0.6419367          -0.5923169     3.0946692     2.9228639    -0.318862889
## 3     -0.1815307          -0.1722455    -0.2506695    -0.2061301    -0.002519602
##   SpecialDay OperatingSystems Browser Region TrafficType
## 1 -0.161096096    -0.013107983 -0.07887371 -0.09453156 -0.116787410
## 2  0.321739160     0.076551694 -0.02044432 -0.01831174  0.287965897
## 3 -0.004464838    -0.005298198  0.01524936  0.01767009 -0.008597571
##
## Clustering vector:
##   [1] 2 3 2 2 3 3 2 2 3 3 3 3 3 3 3 3 2 3 3 3 3 2 3 3 2 3 3 3 3 3 3 3 3 3 3 3
##  [37] 3 3 3 3 3 3 3 3 3 3 3 2 3 2 2 3 3 3 3 2 2 3 3 3 3 3 1 3 2 3 1 2 3 2 2 3
##  [73] 3 3 3 3 1 3 2 2 3 3 3 3 2 2 3 3 3 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 2 3 3
## [109] 3 1 3 2 2 3 3 3 3 3 3 3 3 3 3 2 3 3 3 2 3 3 3 2 3 3 3 3 3 2 3 2 3 3 2
```

```

## [145] 3 3 3 3 3 3 2 2 3 3 3 2 3 2 3 3 3 3 3 3 2 3 3 3 3 3 2 3 3 3 3 3 2
## [181] 2 3 1 3 3 1 3 3 2 1 3 3 3 3 3 3 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
## [217] 3 3 3 2 2 3 3 3 3 3 3 3 3 3 1 3 1 3 3 3 3 3 3 3 1 3 3 3 3 1 3 3 3 2 2
## [253] 3 3 3 1 3 3 3 2 3 3 3 3 3 3 3 3 3 2 3 3 3 3 3 3 3 3 3 3 1 3 3 3 2 3 1 3
## [289] 3 3 3 2 3 3 3 3 2 3 3 3 2 3 3 3 3 3 3 3 3 3 3 3 1 3 3 3 3 3 3 3 1 3
## [325] 3 3 3 3 2 3 3 3 1 3 3 3 3 3 2 2 3 2 3 3 3 3 3 3 3 3 1 3 3 2 3 3 2 3 3
## [361] 3 3 3 3 3 3 3 3 3 3 3 1 3 3 3 3 3 3 3 2 3 2 1 3 3 3 3 3 3 3 3 3 3 3 3
## [397] 2 1 3 3 1 3 3 3 3 3 1 3 3 3 3 3 3 3 3 3 3 2 3 3 1 3 2 3 3 2 3 3 3 3 3
## [433] 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 2 3 3 3 3 3 3 3 3 3 2 3 3 2
## [469] 2 3 3 3 3 1 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 1 3 3 1 3 3 1 3 3 3 3 3 3
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##
## Within cluster sum of squares by cluster:
## [1] 43075.856 8091.402 77581.012
## (between_SS / total_SS = 24.7 %)
##
## Available components:
##
## [1] "cluster"      "centers"      "totss"        "withinss"     "tot.withinss"
## [6] "betweenss"    "size"         "iter"         "ifault"

```

##Visualizing the clustering

```

clusters <- km.out$cluster
rownames(scaled)<- paste(data1$Revenue, 1:dim(data1)[1], sep = "_")
scaled

```

```

##      Administrative Administrative_Duration Informational
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## FALSE_75	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_76	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_77	2.300841486	5.207284e+00	-0.399005150
## FALSE_78	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_79	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_80	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_81	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_83	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_84	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_85	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_86	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_87	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_88	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_89	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_90	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_91	-0.102128014	-2.574456e-01	-0.399005150
## FALSE_92	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_93	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_94	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_95	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_96	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_97	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_98	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_99	-0.702870388	-4.603300e-01	0.385191606
## FALSE_100	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_101	0.198243174	-3.570093e-01	-0.399005150
## TRUE_102	0.498614361	-1.165536e-01	-0.399005150
## FALSE_103	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_104	-0.102128014	-2.856240e-01	0.385191606
## FALSE_105	0.198243174	-1.306428e-01	-0.399005150
## FALSE_106	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_107	-0.702870388	-4.603300e-01	0.385191606
## FALSE_108	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_109	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_110	1.099356736	1.378310e+00	2.737781872
## FALSE_111	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_112	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_113	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_114	-0.102128014	-3.363451e-01	-0.399005150
## FALSE_115	-0.702870388	-4.603300e-01	0.385191606
## FALSE_116	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_118	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_122	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_123	-0.702870388	-4.603300e-01	1.169388361
## FALSE_124	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_125	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_126	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_127	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_128	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_129	0.498614361	2.143354e+00	-0.399005150
## FALSE_130	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_131	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_132	-0.102128014	-3.476165e-01	-0.399005150
## FALSE_133	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_134	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_135	1.099356736	1.680482e-01	-0.399005150
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## FALSE_138	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_140	0.498614361	1.236672e-01	-0.399005150
## FALSE_141	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_142	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_143	0.198243174	-3.532521e-01	-0.399005150
## FALSE_144	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_145	-0.702870388	-4.603300e-01	0.385191606
## FALSE_146	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_147	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_148	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_149	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_150	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_151	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_160	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_161	-0.102128014	-1.334607e-01	1.169388361
## FALSE_162	-0.402499201	-4.067911e-01	-0.399005150
## FALSE_163	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_164	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_171	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_173	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_174	0.798985549	-2.275765e-01	-0.399005150
## FALSE_175	0.198243174	2.997403e-02	-0.399005150
## FALSE_176	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_177	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_178	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_179	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_180	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_181	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_182	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_183	-0.702870388	-4.603300e-01	12.148142939
## FALSE_184	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_185	-0.102128014	-4.096089e-01	-0.399005150
## FALSE_186	2.300841486	1.195310e+00	1.169388361
## TRUE_187	2.000470298	1.680482e-01	0.385191606
## FALSE_188	0.198243174	-1.954531e-01	0.385191606

## FALSE_189	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_190	0.198243174	6.449012e+00	3.521978628
## FALSE_191	0.198243174	-1.672747e-01	-0.399005150
## FALSE_192	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_193	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_194	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_195	-0.102128014	-1.447320e-01	0.385191606
## FALSE_196	0.198243174	1.762807e-01	-0.399005150
## TRUE_197	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_198	0.198243174	6.942378e-02	1.169388361
## TRUE_199	-0.402499201	-2.799883e-01	-0.399005150
## FALSE_200	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_201	0.798985549	7.682480e-01	-0.399005150
## FALSE_202	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_203	-0.402499201	2.103158e-01	-0.399005150
## FALSE_204	0.198243174	1.123296e+00	-0.399005150
## TRUE_205	-0.402499201	-3.588878e-01	-0.399005150
## FALSE_206	-0.102128014	-2.349029e-01	-0.399005150
## FALSE_207	0.198243174	1.426876e-01	-0.399005150
## FALSE_208	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_209	-0.102128014	-1.841818e-01	0.385191606
## FALSE_210	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_211	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_212	0.498614361	-1.390963e-01	-0.399005150
## FALSE_213	-0.102128014	-4.490587e-01	1.953585117
## FALSE_214	-0.102128014	2.328585e-01	1.169388361
## FALSE_215	-0.102128014	2.046801e-01	-0.399005150
## FALSE_216	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_217	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_218	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_219	-0.102128014	-2.461742e-01	-0.399005150
## FALSE_220	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_221	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_222	-0.402499201	-1.560034e-01	-0.399005150
## FALSE_223	-0.402499201	5.135899e+00	-0.399005150
## FALSE_224	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_225	0.798985549	-4.188088e-02	1.169388361
## FALSE_226	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_227	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_228	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_229	-0.102128014	-2.799883e-01	-0.399005150
## FALSE_230	1.099356736	3.297729e+00	-0.399005150
## FALSE_231	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_232	-0.402499201	-4.892548e-02	0.385191606
## FALSE_233	-0.102128014	4.075645e-01	-0.399005150
## FALSE_234	0.198243174	-1.823032e-01	3.521978628
## FALSE_235	0.198243174	2.074979e-01	-0.399005150
## FALSE_236	1.099356736	4.047467e-01	-0.399005150
## FALSE_237	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_239	1.700099111	-5.315223e-02	0.385191606
## FALSE_240	-0.102128014	-3.222559e-01	-0.399005150
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## FALSE_242	-0.702870388	-4.603300e-01	0.385191606

## FALSE_243	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_245	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_246	-0.402499201	-3.363451e-01	-0.399005150
## TRUE_247	4.103068610	4.167581e-01	-0.399005150
## FALSE_248	-0.402499201	-3.401022e-01	0.385191606
## FALSE_249	-0.102128014	6.160846e-01	0.385191606
## FALSE_250	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_251	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_252	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_254	0.498614361	8.351298e-02	-0.399005150
## FALSE_255	-0.402499201	-3.870662e-01	-0.399005150
## FALSE_256	0.798985549	7.366219e+00	-0.399005150
## FALSE_257	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_258	-0.702870388	-4.603300e-01	0.385191606
## FALSE_259	0.198243174	-1.729104e-01	-0.399005150
## FALSE_260	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_261	-0.402499201	4.301072e-01	0.385191606
## FALSE_262	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_264	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_272	0.498614361	-3.081667e-01	-0.399005150
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## TRUE_275	0.498614361	-3.757949e-01	-0.399005150
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## FALSE_278	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_280	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_281	3.201955048	6.583195e+00	2.737781872
## FALSE_282	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_283	-0.102128014	1.737585e+00	-0.399005150
## FALSE_284	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_287	2.601212673	7.542930e-01	0.385191606
## FALSE_288	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_289	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_290	-0.102128014	-3.476165e-01	-0.399005150
## FALSE_291	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_292	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_293	-0.102128014	-4.152446e-01	0.385191606
## TRUE_294	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_295	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_296	0.498614361	5.047800e-01	-0.399005150

## FALSE_297	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_298	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_300	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_303	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_304	-0.702870388	-4.603300e-01	0.385191606
## FALSE_305	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_308	0.798985549	2.433835e-02	-0.399005150
## FALSE_309	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_310	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_311	-0.102128014	-4.208803e-01	-0.399005150
## FALSE_312	-0.702870388	-4.603300e-01	0.385191606
## FALSE_313	1.399727924	5.934077e-01	1.169388361
## FALSE_314	0.198243174	3.173937e-01	1.169388361
## FALSE_315	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_317	-0.102128014	-1.165536e-01	-0.399005150
## FALSE_318	-0.402499201	-3.814305e-01	-0.399005150
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## FALSE_320	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_321	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_323	1.099356736	3.007021e+00	-0.399005150
## FALSE_324	0.498614361	1.652303e-01	-0.399005150
## FALSE_325	-0.102128014	3.681148e-01	-0.399005150
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## FALSE_329	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_331	-0.402499201	-3.419808e-01	1.953585117
## FALSE_332	0.498614361	1.896516e-01	-0.399005150
## FALSE_333	-0.702870388	-4.603300e-01	0.385191606
## FALSE_334	-0.402499201	-4.152446e-01	-0.399005150
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## FALSE_338	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_339	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_340	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_341	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_342	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_343	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_344	0.498614361	1.104980e+00	-0.399005150
## FALSE_345	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_346	1.099356736	8.988079e-01	-0.399005150
## FALSE_347	0.198243174	-9.964659e-02	-0.399005150
## FALSE_348	-0.402499201	-3.166202e-01	-0.399005150
## FALSE_349	-0.102128014	-9.964659e-02	-0.399005150
## FALSE_350	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_351	1.700099111	2.723082e-01	0.385191606
## FALSE_352	2.000470298	-1.511140e-02	0.385191606
## FALSE_353	0.198243174	1.306699e-02	-0.399005150
## TRUE_354	-0.702870388	-4.603300e-01	0.385191606
## FALSE_355	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_356	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_357	0.198243174	-2.292672e-01	-0.399005150
## FALSE_358	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_359	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_360	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_361	-0.402499201	-3.814305e-01	-0.399005150
## FALSE_362	0.498614361	2.433835e-02	-0.399005150
## FALSE_363	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_364	0.198243174	3.022520e+00	-0.399005150
## FALSE_365	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_366	-0.402499201	-3.933281e-01	-0.399005150
## FALSE_367	0.798985549	-1.700926e-01	-0.399005150
## FALSE_368	-0.102128014	-4.208803e-01	-0.399005150
## FALSE_369	1.700099111	1.055668e+00	-0.399005150
## FALSE_370	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_371	-0.102128014	-2.095423e-01	-0.399005150
## FALSE_372	-0.402499201	-4.434230e-01	10.579749428
## FALSE_373	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_374	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_375	0.498614361	-1.165536e-01	-0.399005150
## FALSE_376	0.198243174	4.688107e-02	-0.399005150
## FALSE_377	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_378	-0.102128014	1.173271e-01	1.953585117
## FALSE_379	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_380	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_381	-0.402499201	-3.645235e-01	-0.399005150
## FALSE_382	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_383	2.000470298	7.418810e-01	3.521978628
## FALSE_384	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_385	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_386	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_387	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_388	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_389	1.099356736	-5.737899e-02	-0.399005150
## FALSE_390	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_391	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_392	0.198243174	1.252916e+00	-0.399005150
## FALSE_393	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_394	1.399727924	3.906575e-01	-0.399005150
## FALSE_395	0.198243174	6.653968e-01	-0.399005150
## FALSE_396	-0.402499201	-3.842484e-01	0.385191606
## FALSE_397	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_398	1.399727924	6.172118e-01	2.737781872
## TRUE_399	-0.102128014	-1.954531e-01	-0.399005150
## FALSE_400	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_401	0.798985549	6.498987e-01	2.737781872
## FALSE_402	0.198243174	1.884775e-01	-0.399005150
## FALSE_403	0.498614361	1.302229e+00	-0.399005150
## FALSE_404	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_405	0.498614361	3.619902e+00	-0.399005150
## FALSE_406	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_407	1.700099111	8.781437e-01	2.737781872
## FALSE_408	0.198243174	-8.649667e-02	-0.399005150
## FALSE_409	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_410	-0.102128014	6.104490e-01	0.385191606
## FALSE_411	0.498614361	5.202781e-01	0.385191606
## FALSE_412	0.198243174	8.189691e-01	-0.399005150
## FALSE_413	-0.402499201	-3.307094e-01	-0.399005150
## FALSE_414	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_415	-0.702870388	-4.603300e-01	1.169388361
## FALSE_416	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_417	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_418	-0.402499201	-3.138024e-01	0.385191606
## FALSE_419	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_420	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_421	-0.102128014	-2.292672e-01	-0.399005150
## TRUE_422	0.498614361	-4.328980e-02	1.169388361
## FALSE_423	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_424	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_425	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_426	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_427	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_428	-0.102128014	-4.328980e-02	-0.399005150
## FALSE_429	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_430	-0.102128014	-2.067245e-01	-0.399005150
## FALSE_431	-0.102128014	1.708660e-01	-0.399005150
## FALSE_432	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_433	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_434	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_435	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_436	-0.402499201	-4.293338e-01	-0.399005150
## FALSE_437	0.198243174	-1.785461e-01	-0.399005150
## FALSE_438	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_439	-0.102128014	-3.138024e-01	-0.399005150
## FALSE_440	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_441	0.798985549	1.793195e-01	-0.399005150
## FALSE_442	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_443	0.198243174	1.112024e+00	-0.399005150
## FALSE_444	0.198243174	8.246048e-01	0.385191606
## FALSE_445	0.198243174	-1.503677e-01	1.169388361
## FALSE_446	1.099356736	1.736838e-01	-0.399005150
## FALSE_447	-0.402499201	-3.645235e-01	-0.399005150
## FALSE_448	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_449	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_450	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_451	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_452	-0.402499201	-4.124268e-01	-0.399005150
## FALSE_453	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_456	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_457	1.399727924	1.340269e+00	-0.399005150
## FALSE_458	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_459	-0.702870388	-4.603300e-01	0.385191606
## FALSE_460	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_462	0.798985549	8.914866e-02	-0.399005150
## FALSE_463	1.399727924	5.658332e-01	-0.399005150
## FALSE_464	0.198243174	8.633082e-02	-0.399005150
## FALSE_465	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_466	0.198243174	-2.640206e-01	-0.399005150
## FALSE_467	-0.702870388	-4.603300e-01	1.953585117
## FALSE_468	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_469	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_470	-0.702870388	-4.603300e-01	1.169388361
## FALSE_471	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_472	-0.402499201	-2.638276e-02	-0.399005150
## FALSE_473	0.198243174	1.426876e-01	-0.399005150
## FALSE_474	2.300841486	3.000916e+00	-0.399005150
## FALSE_475	3.201955048	1.320357e+00	0.385191606
## FALSE_476	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_477	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_478	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_479	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_480	-0.102128014	-1.916960e-01	-0.399005150
## FALSE_481	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_482	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_483	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_484	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_485	-0.102128014	-2.912597e-01	0.385191606
## FALSE_486	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_487	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_488	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_489	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_490	-0.102128014	-3.194381e-01	-0.399005150
## FALSE_491	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_492	1.700099111	1.562879e+00	1.169388361
## FALSE_493	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_494	0.798985549	-1.278250e-01	-0.399005150
## FALSE_495	0.498614361	7.135156e+00	-0.399005150
## FALSE_496	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_497	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_498	4.703810985	1.123014e+00	4.306175383
## TRUE_499	0.498614361	1.049286e-01	-0.399005150
## FALSE_500	-0.402499201	-3.307094e-01	-0.399005150
## FALSE_501	1.099356736	-1.594921e-01	-0.399005150
## FALSE_502	-0.102128014	-4.152446e-01	-0.399005150
## FALSE_503	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_504	-0.402499201	-4.603300e-01	0.385191606
## FALSE_505	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_506	3.502326235	1.886326e+00	4.306175383
## FALSE_507	1.099356736	2.771732e+00	0.385191606
## FALSE_508	1.099356736	2.164957e+00	1.169388361
## FALSE_509	-0.702870388	-4.603300e-01	0.385191606
## FALSE_510	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_511	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_512	2.000470298	8.995376e-02	-0.399005150

## FALSE_513	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_514	0.198243174	3.737504e-01	-0.399005150
## FALSE_515	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_516	0.198243174	-1.334607e-01	-0.399005150
## FALSE_517	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_518	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_519	0.498614361	8.977484e-02	-0.399005150
## FALSE_520	0.498614361	-1.390963e-01	-0.399005150
## FALSE_521	-0.102128014	-2.687170e-01	-0.399005150
## FALSE_522	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_523	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_524	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_525	-0.102128014	-2.489921e-01	-0.399005150
## FALSE_526	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_527	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_528	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_529	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_530	-0.102128014	-3.335273e-01	-0.399005150
## FALSE_531	-0.702870388	-4.603300e-01	0.385191606
## FALSE_532	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_533	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_534	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_535	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_536	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_537	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_538	-0.102128014	-2.461742e-01	-0.399005150
## FALSE_539	1.099356736	-2.638276e-02	1.953585117
## FALSE_540	-0.102128014	-1.306428e-01	1.169388361
## FALSE_541	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_542	1.099356736	9.948074e-02	0.385191606
## FALSE_543	0.198243174	1.990444e-01	-0.399005150
## FALSE_544	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_545	-0.102128014	-3.664021e-01	-0.399005150
## FALSE_546	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_547	2.901583861	-1.022204e-03	-0.399005150
## FALSE_548	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_549	-0.702870388	-4.603300e-01	0.385191606
## FALSE_550	0.498614361	-2.687170e-01	-0.399005150
## FALSE_551	0.498614361	-2.433564e-01	-0.399005150
## FALSE_552	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_553	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_554	1.399727924	4.202448e-01	-0.399005150
## FALSE_555	0.198243174	-3.757949e-01	-0.399005150
## FALSE_556	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_557	-0.702870388	-4.603300e-01	1.169388361
## FALSE_558	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_559	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_560	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_561	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_562	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_563	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_564	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_565	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_566	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_567	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_568	0.798985549	-7.992171e-02	1.953585117
## FALSE_569	2.901583861	1.294672e+00	-0.399005150
## FALSE_570	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_571	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_572	0.198243174	-3.814305e-01	-0.399005150
## FALSE_573	1.099356736	3.568434e-01	-0.399005150
## FALSE_574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_575	-0.702870388	-4.603300e-01	0.385191606
## FALSE_576	-0.402499201	-2.179958e-01	-0.399005150
## FALSE_577	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_578	0.498614361	1.306699e-02	-0.399005150
## FALSE_579	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_580	0.498614361	2.159514e-01	-0.399005150
## TRUE_581	-0.702870388	-4.603300e-01	0.385191606
## FALSE_582	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_583	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_584	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_585	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_586	0.798985549	1.021854e+00	-0.399005150
## FALSE_587	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_588	2.000470298	-4.923857e-02	1.169388361
## FALSE_589	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_590	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_591	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_592	-0.402499201	-3.560700e-01	-0.399005150
## FALSE_593	1.099356736	3.185259e-02	-0.399005150
## TRUE_594	1.099356736	1.010167e-01	-0.399005150
## FALSE_595	0.198243174	-1.052823e-01	-0.399005150
## TRUE_596	0.198243174	-7.710387e-02	0.385191606
## FALSE_597	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_598	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_599	0.198243174	-7.428603e-02	-0.399005150
## FALSE_600	-0.402499201	3.004866e-01	-0.399005150
## FALSE_601	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_602	-0.402499201	-2.687170e-01	-0.399005150
## TRUE_603	1.099356736	5.329584e-01	9.011355917
## FALSE_604	4.103068610	1.315726e+00	4.306175383
## TRUE_605	1.099356736	2.488338e+00	1.169388361
## FALSE_606	0.498614361	-3.201844e-02	-0.399005150
## TRUE_607	0.198243174	2.084372e-01	-0.399005150
## FALSE_608	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_609	1.700099111	5.230959e-01	-0.399005150
## FALSE_610	-0.402499201	-2.349029e-01	-0.399005150
## FALSE_611	1.700099111	6.733807e-01	1.953585117
## FALSE_612	3.201955048	1.652345e+00	0.385191606
## FALSE_613	0.498614361	-1.447320e-01	-0.399005150
## TRUE_614	0.198243174	6.284882e-02	-0.399005150
## FALSE_615	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_616	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_617	-0.402499201	-4.377873e-01	1.953585117
## FALSE_618	-0.102128014	1.145092e-01	-0.399005150
## FALSE_619	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_620	-0.402499201	-3.983376e-01	-0.399005150

## FALSE_621	-0.702870388	-4.603300e-01	0.385191606
## FALSE_622	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_623	0.198243174	5.935419e-01	1.169388361
## FALSE_624	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_625	0.498614361	5.822706e-01	-0.399005150
## TRUE_626	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_627	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_628	1.700099111	4.763198e-01	3.521978628
## FALSE_629	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_630	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_631	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_632	-0.102128014	1.306699e-02	-0.399005150
## FALSE_633	0.198243174	2.433835e-02	-0.399005150
## TRUE_634	4.403439798	3.789589e+00	1.169388361
## FALSE_635	0.198243174	-3.250737e-01	-0.399005150
## FALSE_636	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_637	1.700099111	-3.625595e-01	-0.399005150
## FALSE_638	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_639	-0.102128014	-3.757949e-01	-0.399005150
## TRUE_640	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_641	0.198243174	-2.574456e-01	0.385191606
## FALSE_642	-0.102128014	-2.687170e-01	-0.399005150
## FALSE_643	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_644	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_645	-0.102128014	-1.954531e-01	-0.399005150
## FALSE_646	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_647	0.798985549	-2.095423e-01	0.385191606
## FALSE_648	1.099356736	2.469477e-01	-0.399005150
## FALSE_649	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_650	-0.102128014	-2.236315e-01	1.169388361
## FALSE_651	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_652	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_653	-0.102128014	7.505946e-02	-0.399005150
## FALSE_654	0.498614361	-1.419142e-01	-0.399005150
## FALSE_655	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_656	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_657	0.798985549	3.000841e-01	1.169388361
## FALSE_658	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_659	-0.102128014	-9.964659e-02	-0.399005150
## FALSE_660	0.198243174	-7.710387e-02	-0.399005150
## FALSE_661	-0.102128014	-3.447986e-01	-0.399005150
## FALSE_662	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_663	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_664	0.198243174	-3.964590e-01	-0.399005150
## FALSE_665	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_666	0.798985549	2.380052e+00	-0.399005150
## FALSE_667	-0.102128014	-3.194381e-01	-0.399005150
## FALSE_668	-0.102128014	-3.476165e-01	-0.399005150
## FALSE_669	-0.402499201	-3.494950e-01	-0.399005150
## FALSE_670	-0.402499201	-3.870662e-01	-0.399005150
## FALSE_671	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_672	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_673	1.099356736	-3.013988e-02	-0.399005150
## TRUE_674	-0.102128014	-2.042197e-01	0.385191606

## FALSE_675	0.198243174	-2.856240e-01	-0.399005150
## FALSE_676	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_677	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_678	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_679	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_680	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_681	-0.702870388	-4.603300e-01	2.737781872
## FALSE_682	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_683	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_684	1.700099111	2.450691e-01	-0.399005150
## FALSE_685	-0.102128014	-3.870662e-01	-0.399005150
## TRUE_686	-0.402499201	-5.080403e-02	2.737781872
## TRUE_687	0.798985549	1.084039e-01	-0.399005150
## FALSE_688	1.399727924	-1.221893e-01	1.953585117
## TRUE_689	0.198243174	-1.813639e-01	0.385191606
## FALSE_690	1.700099111	2.168714e+00	1.169388361
## FALSE_691	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_692	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_693	0.798985549	5.272143e-01	-0.399005150
## TRUE_694	1.099356736	8.552572e-02	-0.399005150
## FALSE_695	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_696	5.004182173	1.806260e+00	2.737781872
## FALSE_697	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_698	0.498614361	5.439479e-01	-0.399005150
## FALSE_699	1.399727924	4.216537e-01	0.385191606
## FALSE_700	0.798985549	-1.334607e-01	-0.399005150
## FALSE_701	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_702	-0.402499201	-2.179958e-01	-0.399005150
## FALSE_703	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_704	-0.702870388	-4.603300e-01	0.385191606
## FALSE_705	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_706	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_707	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_708	-0.102128014	1.264188e+00	-0.399005150
## FALSE_709	0.198243174	-5.456115e-02	0.385191606
## FALSE_710	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_711	-0.402499201	6.780771e-01	-0.399005150
## FALSE_712	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_713	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_714	0.498614361	1.564569e+00	2.737781872
## FALSE_715	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_716	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_717	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_718	-0.402499201	-2.405386e-01	-0.399005150
## FALSE_719	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_720	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_721	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_722	-0.102128014	-2.264494e-01	1.169388361
## FALSE_723	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_724	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_725	-0.102128014	2.328585e-01	-0.399005150
## FALSE_726	0.198243174	-2.236315e-01	-0.399005150
## TRUE_727	-0.702870388	-4.603300e-01	0.385191606
## FALSE_728	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_729	-0.402499201	-3.363451e-01	-0.399005150
## FALSE_730	-0.102128014	7.787730e-02	-0.399005150
## FALSE_731	-0.102128014	-1.860603e-01	-0.399005150
## FALSE_732	0.798985549	1.200505e+00	4.306175383
## FALSE_733	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_734	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_735	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_736	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_737	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_738	0.198243174	2.441298e-01	0.385191606
## FALSE_739	0.198243174	-3.927019e-01	0.385191606
## FALSE_740	-0.402499201	-4.011554e-01	-0.399005150
## FALSE_741	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_742	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_743	0.198243174	9.760218e-02	-0.399005150
## TRUE_744	1.099356736	5.038407e-01	-0.399005150
## FALSE_745	1.399727924	4.385608e-01	-0.399005150
## FALSE_746	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_747	0.798985549	7.006198e-01	-0.399005150
## FALSE_748	-0.102128014	-2.349029e-01	1.169388361
## FALSE_749	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_750	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_751	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_752	1.099356736	1.017627e+00	1.953585117
## FALSE_753	-0.102128014	-2.123602e-01	-0.399005150
## FALSE_754	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_755	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_756	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_757	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_758	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_759	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_760	-0.102128014	-1.081001e-01	-0.399005150
## FALSE_761	3.802697423	4.821285e+00	1.953585117
## FALSE_762	-0.102128014	-1.898174e-01	-0.399005150
## FALSE_763	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_764	1.099356736	2.004667e+00	1.169388361
## FALSE_765	1.399727924	4.376215e-01	-0.399005150
## FALSE_766	-0.102128014	-2.771705e-01	-0.399005150
## FALSE_767	-0.702870388	-4.603300e-01	1.169388361
## FALSE_768	2.601212673	7.386137e-01	1.953585117
## FALSE_769	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_770	0.198243174	-3.682806e-01	-0.399005150
## FALSE_771	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_772	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_773	0.498614361	2.723082e-01	-0.399005150
## TRUE_774	0.498614361	-3.757949e-01	0.385191606
## FALSE_775	-0.702870388	-4.603300e-01	0.385191606
## FALSE_776	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_777	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_778	-0.102128014	-2.123602e-01	-0.399005150
## FALSE_779	2.000470298	3.314829e-01	-0.399005150
## FALSE_780	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_781	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_782	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_783	0.498614361	-1.447320e-01	0.385191606
## FALSE_784	0.198243174	1.123296e+00	-0.399005150
## FALSE_785	-0.102128014	3.560971e-02	-0.399005150
## FALSE_786	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_787	2.000470298	1.619001e-01	0.385191606
## FALSE_788	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_789	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_790	2.300841486	1.321336e+00	5.090372139
## FALSE_791	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_792	-0.102128014	-3.081667e-01	-0.399005150
## TRUE_793	0.198243174	-4.328980e-02	1.169388361
## FALSE_794	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_795	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_796	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_797	-0.402499201	-4.603300e-01	0.385191606
## FALSE_798	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_799	-0.102128014	3.286650e-01	-0.399005150
## FALSE_800	0.198243174	2.103158e-01	-0.399005150
## TRUE_801	1.399727924	1.239954e+00	4.306175383
## FALSE_802	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_803	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_804	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_805	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_806	1.099356736	1.793195e-01	-0.399005150
## FALSE_807	0.198243174	1.912291e+00	-0.399005150
## FALSE_808	-0.102128014	1.877730e-01	-0.399005150
## FALSE_809	-0.702870388	-4.603300e-01	1.169388361
## FALSE_810	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_811	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_812	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_813	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_814	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_815	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_816	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_817	-0.102128014	7.118912e-01	0.385191606
## FALSE_818	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_819	0.798985549	6.273560e-01	0.385191606
## FALSE_820	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_821	0.498614361	3.279187e-02	0.385191606
## FALSE_822	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_823	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_824	0.798985549	-2.226069e-01	-0.399005150
## FALSE_825	0.198243174	2.863974e-01	-0.399005150
## FALSE_826	1.399727924	4.620427e-01	-0.399005150
## FALSE_827	-0.102128014	7.431314e-03	-0.399005150
## TRUE_828	0.798985549	2.037408e-01	-0.399005150
## FALSE_829	0.198243174	7.505946e-02	-0.399005150
## FALSE_830	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_831	0.198243174	-1.221893e-01	-0.399005150
## FALSE_832	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_833	0.798985549	-1.475499e-01	-0.399005150
## FALSE_834	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_835	1.700099111	4.441964e-01	1.169388361
## TRUE_836	0.498614361	-9.776803e-02	0.385191606

## FALSE_837	0.498614361	-4.704692e-02	-0.399005150
## FALSE_838	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_839	2.000470298	7.526559e-01	3.521978628
## FALSE_840	0.498614361	-1.022204e-03	-0.399005150
## FALSE_841	-0.702870388	-4.603300e-01	0.385191606
## FALSE_842	1.399727924	6.752593e-01	-0.399005150
## FALSE_843	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_844	1.700099111	2.314772e+00	2.737781872
## FALSE_845	1.399727924	3.638880e-01	-0.399005150
## FALSE_846	0.798985549	4.203521e-01	2.737781872
## FALSE_847	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_848	0.498614361	-3.835775e-01	-0.399005150
## TRUE_849	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_850	-0.102128014	-3.814305e-01	-0.399005150
## FALSE_851	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_852	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_853	-0.402499201	-3.927019e-01	-0.399005150
## TRUE_854	1.099356736	1.526247e+00	-0.399005150
## FALSE_855	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_856	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_857	0.798985549	6.237918e-02	0.385191606
## FALSE_858	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_859	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_860	0.198243174	4.864640e-01	-0.399005150
## FALSE_861	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_862	0.798985549	5.512743e-01	-0.399005150
## FALSE_863	1.700099111	1.086664e+00	-0.399005150
## FALSE_864	0.198243174	-9.682875e-02	-0.399005150
## FALSE_865	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_866	-0.402499201	-4.377873e-01	1.169388361
## FALSE_867	2.000470298	5.071282e-01	1.953585117
## TRUE_868	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_869	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_870	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_871	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_872	2.000470298	1.297532e+00	-0.399005150
## FALSE_873	-0.402499201	9.478434e-02	-0.399005150
## FALSE_874	2.000470298	4.431003e+00	-0.399005150
## FALSE_875	0.198243174	3.681148e-01	-0.399005150
## FALSE_876	-0.102128014	-3.081667e-01	-0.399005150
## FALSE_877	0.198243174	1.412787e-01	-0.399005150
## FALSE_878	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_879	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_880	-0.402499201	-1.503677e-01	0.385191606
## FALSE_881	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_882	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_883	0.798985549	9.016257e-01	3.521978628
## FALSE_884	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_885	-0.402499201	-1.954531e-01	-0.399005150
## FALSE_886	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_887	0.198243174	-2.630813e-01	-0.399005150
## FALSE_888	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_889	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_890	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_891	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_892	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_893	0.198243174	-2.743526e-01	1.169388361
## TRUE_894	0.198243174	3.991110e-01	3.521978628
## FALSE_895	2.601212673	4.206309e+00	4.306175383
## FALSE_896	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_897	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_898	0.498614361	4.526499e-01	1.953585117
## FALSE_899	0.498614361	2.580119e+00	-0.399005150
## FALSE_900	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_901	0.498614361	2.187693e-01	-0.399005150
## FALSE_902	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_903	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_904	-0.402499201	-3.927019e-01	-0.399005150
## FALSE_905	2.901583861	1.145906e+00	-0.399005150
## FALSE_906	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_907	2.300841486	6.583522e-01	1.169388361
## FALSE_908	0.498614361	8.020620e-01	0.385191606
## FALSE_909	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_910	0.498614361	4.554678e-01	1.169388361
## FALSE_911	-0.102128014	-2.356492e-02	1.953585117
## FALSE_912	1.099356736	6.245382e-01	-0.399005150
## FALSE_913	1.099356736	3.782590e-01	2.737781872
## FALSE_914	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_915	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_916	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_917	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_918	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_919	0.498614361	8.111538e+00	1.169388361
## FALSE_920	3.201955048	1.723689e-01	-0.399005150
## FALSE_921	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_922	0.198243174	3.850218e-01	-0.399005150
## FALSE_923	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_924	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_925	-0.702870388	-4.603300e-01	2.737781872
## FALSE_926	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_927	0.498614361	4.836462e-01	-0.399005150
## FALSE_928	0.498614361	-1.390963e-01	0.385191606
## FALSE_929	0.798985549	1.483979e+00	-0.399005150
## FALSE_930	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_931	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_932	2.601212673	1.045336e+00	-0.399005150
## FALSE_933	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_934	0.198243174	2.328585e-01	-0.399005150
## FALSE_935	0.198243174	7.280275e+00	-0.399005150
## FALSE_936	0.798985549	-2.968953e-01	-0.399005150
## FALSE_937	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_938	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_939	1.700099111	-2.940775e-01	-0.399005150
## FALSE_940	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_941	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_942	0.798985549	-1.323284e-02	1.953585117
## FALSE_943	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_944	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_945	0.198243174	-3.701592e-01	-0.399005150
## FALSE_946	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_947	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_948	-0.102128014	-2.743526e-01	-0.399005150
## FALSE_949	0.198243174	3.230293e-01	-0.399005150
## FALSE_950	-0.102128014	-1.954531e-01	-0.399005150
## FALSE_951	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_952	-0.402499201	-1.531855e-01	-0.399005150
## FALSE_953	3.502326235	1.075392e+00	1.169388361
## FALSE_954	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_955	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_956	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_957	0.798985549	4.920997e-01	-0.399005150
## FALSE_958	0.498614361	-1.264161e-01	-0.399005150
## FALSE_959	0.498614361	5.259138e-01	-0.399005150
## FALSE_960	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_961	0.498614361	4.357429e-01	-0.399005150
## FALSE_962	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_963	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_964	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_965	2.601212673	9.335612e-01	1.169388361
## FALSE_966	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_967	-0.102128014	-1.886852e-02	-0.399005150
## FALSE_968	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_969	-0.402499201	-3.701592e-01	-0.399005150
## FALSE_970	-0.402499201	-4.152446e-01	-0.399005150
## FALSE_971	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_972	0.798985549	1.047214e+00	-0.399005150
## FALSE_973	-0.402499201	-3.814305e-01	-0.399005150
## FALSE_974	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_975	-0.102128014	-3.645235e-01	-0.399005150
## FALSE_976	-0.402499201	-3.927019e-01	-0.399005150
## FALSE_977	0.798985549	1.863641e-01	-0.399005150
## FALSE_978	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_979	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_980	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_981	-0.402499201	-4.039732e-01	-0.399005150
## FALSE_982	2.300841486	4.667391e-01	0.385191606
## FALSE_983	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_984	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_985	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_986	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_987	0.498614361	1.723496e+00	-0.399005150
## FALSE_988	-0.102128014	2.328585e-01	-0.399005150
## FALSE_989	0.498614361	1.075392e+00	-0.399005150
## FALSE_990	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_991	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_992	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_993	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_994	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_995	0.498614361	1.345905e+00	-0.399005150
## FALSE_996	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_997	-0.102128014	-2.630813e-01	-0.399005150
## FALSE_998	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_999	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1000	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1001	-0.102128014	-2.687170e-01	-0.399005150
## FALSE_1002	-0.102128014	-1.954531e-01	-0.399005150
## FALSE_1003	-0.102128014	-3.983376e-01	1.953585117
## FALSE_1004	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1005	0.198243174	-3.870662e-01	-0.399005150
## FALSE_1006	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1007	-0.102128014	-2.574456e-01	-0.399005150
## FALSE_1008	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1009	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1010	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1011	0.198243174	-2.743526e-01	-0.399005150
## FALSE_1012	1.399727924	8.633082e-02	4.306175383
## FALSE_1013	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1014	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1015	-0.402499201	-2.518099e-01	-0.399005150
## FALSE_1016	0.498614361	-1.503677e-01	-0.399005150
## FALSE_1017	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1018	0.198243174	-3.138024e-01	-0.399005150
## FALSE_1019	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1020	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1021	-0.102128014	-3.222559e-01	0.385191606
## FALSE_1022	-0.402499201	-3.250737e-01	1.953585117
## FALSE_1023	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1024	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1025	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1026	2.000470298	2.272228e-01	0.385191606
## TRUE_1027	-0.402499201	2.328585e-01	-0.399005150
## FALSE_1028	0.198243174	1.275459e+00	-0.399005150
## FALSE_1029	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1030	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1031	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1032	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1033	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1034	0.798985549	-5.174331e-02	-0.399005150
## TRUE_1035	-0.402499201	-3.419808e-01	0.385191606
## FALSE_1036	1.099356736	8.532528e-01	1.169388361
## FALSE_1037	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1038	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1039	0.498614361	1.314909e+00	-0.399005150
## FALSE_1040	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1041	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1042	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1043	1.099356736	6.245382e-01	-0.399005150
## FALSE_1044	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1045	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1046	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1047	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1048	0.198243174	-2.151780e-01	-0.399005150
## FALSE_1049	0.498614361	-3.201844e-02	-0.399005150
## FALSE_1050	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1051	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1052	-0.102128014	-2.630813e-01	-0.399005150

## FALSE_1053	0.198243174	-3.870662e-01	-0.399005150
## TRUE_1054	1.099356736	4.419153e-01	1.953585117
## FALSE_1055	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1056	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1057	-0.402499201	-2.067245e-01	-0.399005150
## FALSE_1058	0.498614361	5.381244e-01	-0.399005150
## FALSE_1059	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1060	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1061	0.498614361	-2.151780e-01	-0.399005150
## FALSE_1062	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1063	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1064	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1065	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1066	-0.702870388	-4.603300e-01	1.169388361
## FALSE_1067	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1068	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1069	0.798985549	4.357429e-01	-0.399005150
## FALSE_1070	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1071	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1072	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1073	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1074	-0.402499201	-1.560034e-01	0.385191606
## FALSE_1075	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1076	-0.102128014	-2.687170e-01	-0.399005150
## FALSE_1077	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1078	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1079	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1080	0.198243174	-2.574456e-01	-0.399005150
## FALSE_1081	1.399727924	6.442630e-01	1.953585117
## FALSE_1082	-0.402499201	-4.603300e-01	1.169388361
## FALSE_1083	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1084	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1085	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1086	-0.102128014	-3.419808e-01	0.385191606
## FALSE_1087	2.300841486	8.415118e-01	0.385191606
## FALSE_1088	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1089	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1090	3.802697423	5.239376e+00	1.169388361
## TRUE_1091	1.099356736	-1.221893e-01	1.169388361
## FALSE_1092	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1093	0.198243174	-1.165536e-01	-0.399005150
## FALSE_1094	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1095	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1096	0.198243174	8.189691e-01	-0.399005150
## FALSE_1097	-0.702870388	-4.603300e-01	3.521978628
## FALSE_1098	-0.402499201	2.154625e+00	-0.399005150
## FALSE_1099	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1100	-0.702870388	-4.603300e-01	1.953585117
## FALSE_1101	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1102	0.198243174	-7.060432e-03	-0.399005150
## FALSE_1103	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1104	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1105	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1106	0.198243174	-1.137358e-01	-0.399005150

## FALSE_1107	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1108	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1109	-0.402499201	-1.334607e-01	-0.399005150
## FALSE_1110	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1111	-0.102128014	9.091399e-01	-0.399005150
## FALSE_1112	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1113	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_1114	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1115	2.000470298	7.269197e-01	1.953585117
## FALSE_1116	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1117	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1118	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1119	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1120	-0.402499201	4.196410e-01	-0.399005150
## FALSE_1121	-0.102128014	-4.603300e-01	-0.399005150
## FALSE_1122	0.798985549	1.128931e+00	-0.399005150
## FALSE_1123	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1124	0.198243174	2.429834e+00	1.169388361
## FALSE_1125	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1126	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1127	-0.402499201	1.708660e-01	-0.399005150
## FALSE_1128	0.498614361	-4.610764e-02	-0.399005150
## FALSE_1129	0.198243174	5.805172e-01	-0.399005150
## FALSE_1130	0.798985549	-3.671484e-02	-0.399005150
## FALSE_1131	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1132	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1133	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1134	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_1135	1.099356736	1.241645e+00	-0.399005150
## FALSE_1136	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1137	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1138	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1139	-0.702870388	-4.603300e-01	0.385191606
## TRUE_1140	2.300841486	2.009230e-01	-0.399005150
## FALSE_1141	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1142	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_1143	-0.402499201	-4.603300e-01	-0.399005150
## TRUE_1144	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1145	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1146	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1147	-0.402499201	-3.814305e-01	-0.399005150
## FALSE_1148	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_1149	-0.102128014	1.426876e-01	-0.399005150
## FALSE_1150	-0.402499201	-2.856240e-01	1.953585117
## FALSE_1151	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1152	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1153	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1154	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1155	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_1156	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1157	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1158	-0.102128014	-1.672747e-01	0.385191606
## FALSE_1159	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1160	-0.402499201	-3.532521e-01	-0.399005150

## FALSE_1161	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1162	-0.402499201	-4.603300e-01	-0.399005150
## TRUE_1163	2.000470298	6.898181e-01	-0.399005150
## TRUE_1164	-0.102128014	3.906575e-01	-0.399005150
## FALSE_1165	1.099356736	9.196650e-02	-0.399005150
## TRUE_1166	1.099356736	-1.672747e-01	0.385191606
## FALSE_1167	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1168	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1169	0.498614361	2.923462e+00	-0.399005150
## FALSE_1170	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1171	0.498614361	2.835796e-01	-0.399005150
## FALSE_1172	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1173	0.198243174	-3.307094e-01	-0.399005150
## FALSE_1174	-0.102128014	-3.476165e-01	-0.399005150
## FALSE_1175	0.198243174	-2.405386e-01	-0.399005150
## TRUE_1176	-0.102128014	4.009896e-01	-0.399005150
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## FALSE_1182	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1183	-0.102128014	6.498987e-01	2.737781872
## FALSE_1184	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1188	0.798985549	3.542881e+00	-0.399005150
## FALSE_1189	0.498614361	1.306699e-02	-0.399005150
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## FALSE_1191	0.198243174	3.906575e-01	-0.399005150
## FALSE_1192	0.498614361	1.024915e-02	-0.399005150
## FALSE_1193	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1195	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1196	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1197	2.000470298	4.319531e+00	2.737781872
## TRUE_1198	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1200	0.198243174	2.770046e-01	0.385191606
## FALSE_1201	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1202	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1203	-0.102128014	-3.081667e-01	-0.399005150
## FALSE_1204	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1205	-0.702870388	-4.603300e-01	1.169388361
## FALSE_1206	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1208	-0.102128014	-3.927019e-01	-0.399005150
## FALSE_1209	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1211	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1213	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1214	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1215	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1219	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1221	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1223	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1224	0.198243174	-3.840044e-03	0.385191606
## FALSE_1225	-0.402499201	-4.293338e-01	-0.399005150
## FALSE_1226	0.498614361	-3.840044e-03	-0.399005150
## FALSE_1227	-0.402499201	-3.588878e-01	-0.399005150
## FALSE_1228	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_1230	0.198243174	5.251675e-02	1.169388361
## FALSE_1231	-0.102128014	2.152051e-02	-0.399005150
## FALSE_1232	-0.402499201	-2.236315e-01	1.169388361
## FALSE_1233	0.798985549	-2.555670e-01	1.953585117
## FALSE_1234	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1236	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1237	1.399727924	1.610036e-01	-0.399005150
## TRUE_1238	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1241	-0.102128014	-3.081667e-01	0.385191606
## FALSE_1242	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1243	0.498614361	4.160180e-01	-0.399005150
## FALSE_1244	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1245	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1246	0.798985549	2.287063e+00	-0.399005150
## FALSE_1247	-0.702870388	-4.603300e-01	1.953585117
## FALSE_1248	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1249	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1250	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1252	0.498614361	5.093632e+00	2.737781872
## FALSE_1253	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1257	-0.402499201	-4.603300e-01	-0.399005150
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## FALSE_1261	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1263	0.198243174	-3.201844e-02	-0.399005150
## FALSE_1264	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1266	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_1267	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1268	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1269	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1271	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1272	-0.402499201	-4.528158e-01	-0.399005150
## FALSE_1273	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1274	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1275	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1276	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1277	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1278	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1279	0.798985549	1.286730e+00	0.385191606
## FALSE_1280	0.798985549	7.528245e+00	-0.399005150
## FALSE_1281	0.198243174	4.949922e+00	-0.399005150
## TRUE_1282	-0.102128014	-3.588878e-01	-0.399005150
## FALSE_1283	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1284	-0.102128014	-1.672747e-01	-0.399005150
## FALSE_1285	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1286	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1288	-0.102128014	-3.570093e-01	-0.399005150
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## FALSE_1296	1.399727924	3.258472e-01	-0.399005150
## FALSE_1297	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1298	0.498614361	5.428208e-01	1.169388361
## TRUE_1299	0.198243174	5.540922e-01	-0.399005150
## FALSE_1300	-0.102128014	1.445662e-01	-0.399005150
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## FALSE_1302	-0.102128014	7.287982e-01	0.385191606
## FALSE_1303	-0.702870388	-4.603300e-01	1.169388361
## FALSE_1304	-0.402499201	-4.377873e-01	-0.399005150
## TRUE_1305	-0.402499201	-7.146819e-02	-0.399005150
## FALSE_1306	0.498614361	5.724081e-01	0.385191606
## FALSE_1307	-0.102128014	-1.503677e-01	-0.399005150
## FALSE_1308	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1309	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1310	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1311	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1312	-0.402499201	-4.434230e-01	1.169388361
## FALSE_1313	-0.402499201	2.998098e+00	-0.399005150
## FALSE_1314	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1315	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1316	-0.102128014	-3.931354e-01	1.169388361
## FALSE_1317	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1318	-0.402499201	-4.152446e-01	0.385191606
## FALSE_1319	-0.402499201	-4.208803e-01	5.090372139
## FALSE_1320	-0.102128014	1.145092e-01	-0.399005150
## FALSE_1321	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1322	-0.402499201	-4.208803e-01	-0.399005150

## FALSE_1323	0.198243174	7.990773e+00	0.385191606
## FALSE_1324	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1325	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1326	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1327	-0.402499201	-4.328980e-02	-0.399005150
## FALSE_1328	-0.102128014	6.432105e+00	2.737781872
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## FALSE_1332	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1334	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1340	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1349	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1350	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1373	-0.402499201	-3.617057e-01	-0.399005150
## FALSE_1374	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1375	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1376	-0.402499201	-3.814305e-01	-0.399005150

## FALSE_1377	0.798985549	-6.958963e-02	0.385191606
## FALSE_1378	-0.102128014	3.737504e-01	-0.399005150
## FALSE_1379	-0.402499201	1.870267e-02	2.737781872
## FALSE_1380	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1381	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1382	0.498614361	1.201449e-01	0.385191606
## FALSE_1383	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_1385	-0.102128014	-2.743526e-01	-0.399005150
## FALSE_1386	-0.402499201	-6.865035e-02	-0.399005150
## FALSE_1387	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1390	-0.102128014	6.942378e-02	-0.399005150
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## FALSE_1392	1.399727924	-9.884149e-02	0.385191606
## FALSE_1393	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_1395	0.498614361	3.455720e-01	0.385191606
## FALSE_1396	-0.402499201	-3.138024e-01	-0.399005150
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## FALSE_1399	0.498614361	2.046801e-01	1.953585117
## TRUE_1400	-0.402499201	-4.603300e-01	-0.399005150
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## FALSE_1403	0.198243174	2.384941e-01	-0.399005150
## TRUE_1404	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1405	-0.102128014	1.990444e-01	-0.399005150
## FALSE_1406	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1407	-0.102128014	-3.765412e-02	-0.399005150
## FALSE_1408	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1409	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1410	-0.102128014	6.942378e-02	-0.399005150
## FALSE_1411	0.198243174	7.738836e-01	-0.399005150
## FALSE_1412	-0.102128014	-2.067245e-01	-0.399005150
## FALSE_1413	0.198243174	-1.174929e-01	-0.399005150
## FALSE_1414	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1415	-0.702870388	-4.603300e-01	1.953585117
## FALSE_1416	-0.102128014	-3.814305e-01	-0.399005150
## FALSE_1417	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1418	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1419	1.700099111	5.690157e-01	4.306175383
## FALSE_1420	1.700099111	4.092083e-01	-0.399005150
## FALSE_1421	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1422	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1423	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1424	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1425	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1426	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1427	-0.102128014	-3.645235e-01	0.385191606
## FALSE_1428	-0.102128014	-2.799883e-01	0.385191606
## FALSE_1429	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1430	-0.702870388	-4.603300e-01	0.385191606

## FALSE_1431	0.798985549	1.494504e-01	-0.399005150
## FALSE_1432	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1433	2.300841486	8.329920e+00	0.385191606
## FALSE_1434	0.798985549	9.438933e-01	-0.399005150
## FALSE_1435	-0.102128014	-2.518099e-01	-0.399005150
## TRUE_1436	-0.402499201	-4.603300e-01	0.385191606
## FALSE_1437	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1438	0.798985549	-9.401091e-02	1.169388361
## FALSE_1439	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1440	1.099356736	3.465113e-01	-0.399005150
## FALSE_1441	0.498614361	-8.649667e-02	1.169388361
## FALSE_1442	0.498614361	-3.814305e-01	-0.399005150
## FALSE_1443	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1444	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1445	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1446	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1447	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1448	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1449	0.798985549	1.175149e-01	-0.399005150
## FALSE_1450	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1451	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1453	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1454	1.099356736	6.544073e-01	-0.399005150
## FALSE_1455	-0.402499201	-1.052823e-01	0.385191606
## FALSE_1456	0.198243174	-2.828062e-01	-0.399005150
## FALSE_1457	1.399727924	-2.431124e-03	-0.399005150
## FALSE_1458	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1459	-0.102128014	2.159514e-01	-0.399005150
## TRUE_1460	0.498614361	3.807950e-01	-0.399005150
## TRUE_1461	0.798985549	5.101339e-01	-0.399005150
## FALSE_1462	0.798985549	2.492296e+00	1.169388361
## FALSE_1463	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1464	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_1465	2.601212673	1.669017e+00	-0.399005150
## FALSE_1466	0.498614361	2.690207e-01	1.953585117
## FALSE_1467	2.000470298	1.222859e+00	-0.399005150
## FALSE_1468	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1469	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1470	0.198243174	-1.278250e-01	-0.399005150
## FALSE_1471	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1472	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1473	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1474	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_1475	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1476	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1477	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1478	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1479	6.506038110	4.477840e+00	3.521978628
## FALSE_1480	-0.402499201	7.787730e-02	-0.399005150
## TRUE_1481	1.099356736	2.708993e-01	-0.399005150
## TRUE_1482	1.099356736	1.840154e+00	-0.399005150
## FALSE_1483	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1484	-0.702870388	-4.603300e-01	-0.399005150

## TRUE_1485	-0.102128014	-3.226585e-01	5.090372139
## FALSE_1486	0.498614361	-1.653962e-01	0.385191606
## FALSE_1487	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1488	2.300841486	1.697196e+00	2.737781872
## FALSE_1489	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1490	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1491	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1492	-0.402499201	-3.053489e-01	-0.399005150
## FALSE_1493	1.099356736	2.216617e+00	-0.399005150
## FALSE_1494	-0.102128014	-4.265160e-01	-0.399005150
## FALSE_1495	-0.102128014	7.231625e-01	-0.399005150
## FALSE_1496	-0.102128014	-2.828062e-01	-0.399005150
## FALSE_1497	0.798985549	-2.010888e-01	0.385191606
## TRUE_1498	2.000470298	2.616751e+00	-0.399005150
## FALSE_1499	-0.402499201	-1.926353e-01	-0.399005150
## FALSE_1500	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1501	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1502	0.198243174	-1.879389e-01	-0.399005150
## FALSE_1503	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1504	0.198243174	-2.997132e-01	-0.399005150
## FALSE_1505	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1506	-0.402499201	-2.912597e-01	-0.399005150
## FALSE_1507	-0.102128014	-3.701592e-01	-0.399005150
## FALSE_1508	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1509	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1510	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1511	-0.402499201	-4.039732e-01	0.385191606
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## FALSE_1514	1.399727924	9.504683e-01	-0.399005150
## FALSE_1515	-0.102128014	-2.638276e-02	-0.399005150
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## FALSE_1518	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1519	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1520	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1521	0.498614361	-1.034037e-01	-0.399005150
## FALSE_1522	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1523	1.399727924	1.520804e-01	4.306175383
## FALSE_1524	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1525	1.399727924	8.368154e-01	1.953585117
## FALSE_1526	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_1527	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1528	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1529	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1530	-0.102128014	-3.757949e-01	-0.399005150
## FALSE_1531	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1532	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1533	-0.402499201	-3.588878e-01	2.737781872
## FALSE_1534	-0.402499201	-4.293338e-01	0.385191606
## TRUE_1535	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1536	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1537	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1538	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1539	0.198243174	-1.088464e-02	-0.399005150
## TRUE_1540	-0.102128014	-1.221893e-01	-0.399005150
## TRUE_1541	2.601212673	1.107723e+01	6.658765650
## FALSE_1542	0.198243174	-3.786127e-01	-0.399005150
## FALSE_1543	-0.402499201	-3.959223e-01	-0.399005150
## FALSE_1544	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1545	0.198243174	-2.799883e-01	-0.399005150
## FALSE_1546	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1547	2.601212673	1.504576e+00	0.385191606
## FALSE_1548	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1549	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1550	1.399727924	5.982383e-01	-0.399005150
## FALSE_1551	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_1552	0.798985549	5.785134e-01	0.385191606
## FALSE_1553	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1554	-0.102128014	-8.837523e-02	0.385191606
## FALSE_1555	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1556	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1557	-0.102128014	2.384941e-01	-0.399005150
## FALSE_1558	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1559	-0.102128014	-7.146819e-02	1.169388361
## FALSE_1560	-0.402499201	-2.292672e-01	-0.399005150
## FALSE_1561	-0.102128014	-3.814305e-01	-0.399005150
## FALSE_1562	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1563	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1564	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1565	-0.402499201	-3.250737e-01	0.385191606
## FALSE_1566	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1567	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1568	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_1569	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1570	-0.402499201	1.861570e+00	-0.399005150
## FALSE_1571	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1572	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1573	3.502326235	5.910822e+00	4.306175383
## FALSE_1574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1575	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1576	-0.702870388	-4.603300e-01	1.953585117
## FALSE_1577	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1578	0.798985549	2.862096e-01	-0.399005150
## FALSE_1579	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1580	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1581	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1582	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_1583	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1584	0.498614361	1.795635e-03	-0.399005150
## FALSE_1585	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1586	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1587	0.798985549	-4.610764e-02	-0.399005150
## FALSE_1588	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1589	0.498614361	-3.166202e-01	-0.399005150
## FALSE_1590	-0.102128014	8.696902e-01	-0.399005150
## FALSE_1591	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1592	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1593	0.498614361	4.319858e-01	0.385191606
## FALSE_1594	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1595	1.099356736	5.935419e-01	-0.399005150
## FALSE_1596	1.700099111	7.006198e-01	1.953585117
## FALSE_1597	-0.402499201	-2.292672e-01	-0.399005150
## FALSE_1598	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1600	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1601	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1602	1.399727924	4.977354e-01	-0.399005150
## FALSE_1603	-0.102128014	-4.096089e-01	0.385191606
## TRUE_1604	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1605	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1606	-0.402499201	2.997403e-02	1.953585117
## FALSE_1607	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1608	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1609	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1610	0.798985549	7.663694e-01	-0.399005150
## FALSE_1611	1.700099111	3.479949e+00	-0.399005150
## FALSE_1612	-0.402499201	-4.096089e-01	-0.399005150
## TRUE_1613	1.700099111	8.219712e-01	1.953585117
## FALSE_1614	-0.102128014	-2.074708e-02	-0.399005150
## FALSE_1615	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1616	-0.402499201	-4.335606e-01	1.169388361
## FALSE_1617	1.099356736	1.107521e-01	-0.399005150
## FALSE_1618	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1619	-0.402499201	-4.208803e-01	1.169388361
## FALSE_1620	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1621	0.198243174	-3.786127e-01	1.169388361
## FALSE_1622	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_1623	-0.102128014	-1.221893e-01	-0.399005150
## FALSE_1624	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1625	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_1626	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1627	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1628	-0.402499201	-1.560034e-01	-0.399005150
## FALSE_1629	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1630	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1631	1.099356736	6.120592e-01	4.306175383
## FALSE_1632	-0.102128014	-3.720377e-01	-0.399005150
## TRUE_1633	1.700099111	5.709992e-01	2.737781872
## FALSE_1634	-0.402499201	-3.814305e-01	-0.399005150
## TRUE_1635	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1636	0.798985549	9.401362e-01	-0.399005150
## FALSE_1637	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1638	-0.402499201	-3.194381e-01	-0.399005150
## TRUE_1639	-0.102128014	-3.419808e-01	-0.399005150
## FALSE_1640	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1641	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1642	-0.402499201	3.624791e-01	-0.399005150
## FALSE_1643	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1644	0.798985549	1.085725e+00	-0.399005150
## FALSE_1645	3.502326235	6.052636e+00	-0.399005150
## FALSE_1646	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1647	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1648	1.099356736	1.543154e+00	-0.399005150
## FALSE_1649	0.198243174	-2.630813e-01	-0.399005150
## FALSE_1650	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1651	1.099356736	9.760218e-02	0.385191606
## FALSE_1652	-0.702870388	-4.603300e-01	4.306175383
## FALSE_1653	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1654	-0.102128014	-3.419808e-01	-0.399005150
## FALSE_1655	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1656	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1657	0.498614361	-4.328980e-02	-0.399005150
## FALSE_1658	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1659	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1661	-0.102128014	-8.837523e-02	-0.399005150
## FALSE_1662	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1663	-0.402499201	-3.250737e-01	-0.399005150
## FALSE_1664	0.798985549	-2.799883e-01	1.169388361
## FALSE_1665	0.198243174	-2.074708e-02	-0.399005150
## FALSE_1666	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1667	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1668	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1669	-0.402499201	1.173271e-01	-0.399005150
## FALSE_1670	0.498614361	1.201449e-01	-0.399005150
## FALSE_1671	-0.102128014	-1.672747e-01	-0.399005150
## FALSE_1672	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1673	0.498614361	1.523429e+00	-0.399005150
## FALSE_1674	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1675	0.798985549	2.159514e-01	0.385191606
## FALSE_1676	2.000470298	4.529317e-01	-0.399005150
## FALSE_1677	-0.402499201	-3.138024e-01	0.385191606
## FALSE_1678	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1679	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1680	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1681	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1682	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1683	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1684	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1685	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_1686	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1687	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1688	1.099356736	-2.020281e-01	1.169388361
## FALSE_1689	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1690	-0.102128014	-2.356492e-02	-0.399005150
## FALSE_1691	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1692	0.498614361	3.061223e-01	-0.399005150
## FALSE_1693	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1694	-0.102128014	-3.201844e-02	-0.399005150
## FALSE_1695	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1696	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1697	0.198243174	1.089482e+00	0.385191606
## TRUE_1698	1.399727924	4.470143e-01	1.953585117
## FALSE_1699	0.198243174	7.043769e-01	-0.399005150
## FALSE_1700	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1701	-0.102128014	-3.025310e-01	-0.399005150
## FALSE_1702	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1703	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1704	-0.102128014	-3.250737e-01	-0.399005150
## FALSE_1705	0.798985549	8.830749e-01	-0.399005150
## FALSE_1706	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1707	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1708	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1709	-0.402499201	-4.377873e-01	1.169388361
## FALSE_1710	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1711	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1712	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1713	1.399727924	7.422769e-01	-0.399005150
## FALSE_1714	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1715	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1716	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1717	1.399727924	4.188359e-01	-0.399005150
## FALSE_1718	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1719	0.798985549	1.447591e-02	-0.399005150
## FALSE_1720	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1721	0.498614361	3.004866e-01	-0.399005150
## FALSE_1722	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1723	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1724	0.198243174	-2.179958e-01	-0.399005150
## FALSE_1725	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1726	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1727	1.700099111	1.667211e+00	1.953585117
## FALSE_1728	1.099356736	3.117580e-01	-0.399005150
## FALSE_1729	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1730	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1731	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_1732	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1733	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1734	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1735	-0.402499201	-3.814305e-01	0.385191606
## FALSE_1736	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1737	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1738	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1739	1.099356736	4.132002e-01	-0.399005150
## TRUE_1740	0.198243174	-2.202501e-01	1.169388361
## FALSE_1741	0.198243174	-1.109179e-01	1.169388361
## TRUE_1742	0.498614361	-1.461409e-01	-0.399005150
## FALSE_1743	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1744	-0.102128014	-3.138024e-01	-0.399005150
## TRUE_1745	0.198243174	-1.511140e-02	-0.399005150
## TRUE_1746	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1747	1.700099111	1.959255e+00	0.385191606
## FALSE_1748	1.099356736	1.652303e-01	-0.399005150
## FALSE_1749	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1750	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1751	-0.402499201	-2.349029e-01	3.521978628
## TRUE_1752	0.198243174	-4.892548e-02	-0.399005150
## FALSE_1753	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1754	0.498614361	-2.349029e-01	1.169388361

## FALSE_1755	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_1756	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1757	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1758	1.099356736	-1.503677e-01	0.385191606
## FALSE_1759	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1760	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1761	1.700099111	4.808283e-01	1.953585117
## FALSE_1762	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1763	1.099356736	3.230293e-01	-0.399005150
## FALSE_1764	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1765	-0.102128014	-3.363451e-01	0.385191606
## FALSE_1766	-0.102128014	2.948509e-01	-0.399005150
## FALSE_1767	0.198243174	-2.405386e-01	-0.399005150
## FALSE_1768	-0.702870388	-4.603300e-01	1.169388361
## FALSE_1769	-0.102128014	1.595946e-01	-0.399005150
## FALSE_1770	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1771	-0.102128014	-2.179958e-01	-0.399005150
## FALSE_1772	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1773	0.498614361	2.274853e+00	1.169388361
## FALSE_1774	-0.402499201	1.032379e-01	1.169388361
## FALSE_1775	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1776	0.498614361	-6.301467e-02	-0.399005150
## FALSE_1777	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1778	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1779	-0.102128014	-4.039732e-01	1.169388361
## FALSE_1780	0.198243174	4.441964e-01	-0.399005150
## FALSE_1781	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1782	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1783	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1784	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1785	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1786	0.798985549	6.770246e+00	1.953585117
## FALSE_1787	1.399727924	-1.024644e-01	3.521978628
## TRUE_1788	-0.102128014	-3.216923e-01	-0.399005150
## FALSE_1789	0.198243174	-3.316487e-01	-0.399005150
## FALSE_1790	2.901583861	5.951074e-01	1.953585117
## FALSE_1791	-0.102128014	9.337542e-02	-0.399005150
## FALSE_1792	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1793	0.198243174	-3.307094e-01	-0.399005150
## FALSE_1794	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1795	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1796	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1797	-0.102128014	4.124539e-02	1.953585117
## FALSE_1798	-0.402499201	-2.067245e-01	-0.399005150
## FALSE_1799	0.198243174	-2.822426e-01	-0.399005150
## FALSE_1800	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1801	0.198243174	3.191590e+00	2.737781872
## FALSE_1802	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1803	0.198243174	-3.546611e-01	-0.399005150
## FALSE_1804	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1805	-0.102128014	-3.025310e-01	1.169388361
## FALSE_1806	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1807	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1808	0.498614361	6.498987e-01	0.385191606

## FALSE_1809	1.399727924	7.316161e-01	-0.399005150
## FALSE_1810	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1811	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1812	0.798985549	2.324635e+00	-0.399005150
## FALSE_1813	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1814	2.300841486	2.422320e+00	2.737781872
## FALSE_1815	0.198243174	-1.330849e-01	-0.399005150
## FALSE_1816	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1817	-0.102128014	2.469477e-01	-0.399005150
## FALSE_1818	1.700099111	1.724059e+00	1.953585117
## TRUE_1819	0.798985549	3.502684e-01	0.385191606
## FALSE_1820	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_1821	-0.402499201	-3.955197e-01	-0.399005150
## FALSE_1822	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1823	0.798985549	3.343007e-01	-0.399005150
## FALSE_1824	-0.102128014	3.004866e-01	0.385191606
## FALSE_1825	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1826	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1827	0.498614361	-1.898174e-01	-0.399005150
## FALSE_1828	1.700099111	-1.387441e-01	1.953585117
## FALSE_1829	-0.102128014	-4.265160e-01	0.385191606
## FALSE_1830	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1831	-0.102128014	-4.208803e-01	-0.399005150
## FALSE_1832	0.498614361	-1.052823e-01	-0.399005150
## FALSE_1833	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1834	-0.402499201	-2.349029e-01	-0.399005150
## FALSE_1835	0.798985549	-3.025310e-01	-0.399005150
## FALSE_1836	-0.402499201	-3.880055e-01	1.953585117
## FALSE_1837	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1838	0.498614361	5.518782e-01	1.169388361
## FALSE_1839	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1840	1.099356736	3.041498e-01	-0.399005150
## FALSE_1841	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1842	0.498614361	-1.081001e-01	0.385191606
## FALSE_1843	-0.402499201	-2.912597e-01	-0.399005150
## FALSE_1844	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1845	-0.102128014	-3.419808e-01	-0.399005150
## FALSE_1846	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1847	0.498614361	-1.447320e-01	-0.399005150
## FALSE_1848	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1849	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1850	0.198243174	-2.349029e-01	-0.399005150
## FALSE_1851	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1852	0.198243174	-2.574456e-01	0.385191606
## TRUE_1853	0.498614361	-2.048459e-01	-0.399005150
## FALSE_1854	0.198243174	-2.371572e-01	-0.399005150
## FALSE_1855	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1856	-0.102128014	-2.630813e-01	-0.399005150
## FALSE_1857	1.099356736	8.246048e-01	3.521978628
## FALSE_1858	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1859	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1860	-0.402499201	-2.687170e-01	1.169388361
## FALSE_1861	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1862	2.000470298	1.281095e+00	-0.399005150

## TRUE_1863	3.201955048	2.115108e+00	1.953585117
## FALSE_1864	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1865	0.798985549	-1.792924e-02	0.385191606
## TRUE_1866	-0.402499201	-3.765412e-02	2.737781872
## TRUE_1867	0.498614361	1.004200e-01	-0.399005150
## FALSE_1868	-0.402499201	-3.025310e-01	-0.399005150
## FALSE_1869	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1870	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1871	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1872	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1873	0.498614361	-9.964659e-02	-0.399005150
## FALSE_1874	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_1875	1.099356736	4.620427e-01	7.442962406
## FALSE_1876	0.798985549	1.416351e+00	1.169388361
## FALSE_1877	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1878	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1879	-0.402499201	-1.729104e-01	1.169388361
## TRUE_1880	-0.402499201	-2.123602e-01	-0.399005150
## TRUE_1881	0.798985549	4.189105e+00	-0.399005150
## FALSE_1882	0.198243174	-2.123602e-01	-0.399005150
## FALSE_1883	0.498614361	6.884092e-01	-0.399005150
## FALSE_1884	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1885	1.700099111	6.404120e-01	-0.399005150
## FALSE_1886	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1887	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1888	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1889	-0.102128014	-4.067911e-01	-0.399005150
## TRUE_1890	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1891	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1892	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1893	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1894	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1895	2.000470298	-4.141124e-02	0.385191606
## FALSE_1896	-0.402499201	-4.208803e-01	0.385191606
## FALSE_1897	-0.402499201	-3.870662e-01	-0.399005150
## FALSE_1898	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1899	0.498614361	-1.475499e-01	-0.399005150
## FALSE_1900	-0.102128014	-5.718604e-03	-0.399005150
## TRUE_1901	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1902	1.399727924	4.228748e-01	-0.399005150
## FALSE_1903	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1904	0.198243174	5.090067e-01	-0.399005150
## FALSE_1905	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1906	0.798985549	3.624791e-01	-0.399005150
## FALSE_1907	0.198243174	-3.870662e-01	-0.399005150
## FALSE_1908	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1909	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1910	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_1911	0.198243174	-2.236315e-01	-0.399005150
## FALSE_1912	0.198243174	-2.743526e-01	-0.399005150
## FALSE_1913	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1914	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1915	-0.402499201	-2.461742e-01	-0.399005150
## FALSE_1916	2.000470298	1.367321e+00	2.737781872

## FALSE_1917	0.798985549	1.870023e+00	-0.399005150
## FALSE_1918	-0.702870388	-4.603300e-01	1.169388361
## FALSE_1919	0.798985549	-1.475499e-01	-0.399005150
## FALSE_1920	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1921	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1922	1.399727924	-3.737233e-02	-0.399005150
## FALSE_1923	0.198243174	-2.179958e-01	-0.399005150
## FALSE_1924	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1925	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1926	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1927	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1928	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1929	-0.102128014	-2.638276e-02	-0.399005150
## FALSE_1930	-0.402499201	-2.968953e-01	0.385191606
## FALSE_1931	0.198243174	-2.074708e-02	-0.399005150
## FALSE_1932	0.198243174	-1.672747e-01	-0.399005150
## FALSE_1933	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1934	1.700099111	1.539397e+00	0.385191606
## FALSE_1935	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1936	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1937	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1938	1.399727924	4.949175e-01	-0.399005150
## FALSE_1939	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1940	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1941	1.099356736	1.257806e-01	0.385191606
## TRUE_1942	-0.102128014	-4.377873e-01	-0.399005150
## TRUE_1943	2.000470298	-3.840044e-03	-0.399005150
## TRUE_1944	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1945	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1946	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1947	2.901583861	3.854721e+00	-0.399005150
## FALSE_1948	3.201955048	7.506779e-01	-0.399005150
## FALSE_1949	-0.402499201	3.455720e-01	2.737781872
## FALSE_1950	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1951	-0.102128014	-3.729770e-01	-0.399005150
## FALSE_1952	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1953	-0.102128014	-2.236315e-01	-0.399005150
## FALSE_1954	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1955	-0.402499201	3.495917e+00	-0.399005150
## TRUE_1956	0.498614361	-3.335273e-01	-0.399005150
## FALSE_1957	-0.402499201	-3.814305e-01	-0.399005150
## FALSE_1958	0.198243174	5.991776e-01	-0.399005150
## FALSE_1959	1.700099111	1.524798e+00	4.306175383
## TRUE_1960	0.498614361	-4.469872e-02	0.385191606
## FALSE_1961	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1962	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1963	-0.402499201	7.505946e-02	-0.399005150
## FALSE_1964	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1965	1.099356736	3.568434e-01	4.306175383
## FALSE_1966	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1967	0.198243174	7.879728e-01	2.737781872
## FALSE_1968	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1969	0.498614361	4.613474e-03	1.953585117
## FALSE_1970	1.099356736	5.815242e-02	1.953585117

## TRUE_1971	2.000470298	5.738170e-01	1.169388361
## FALSE_1972	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1973	-0.102128014	-2.574456e-01	-0.399005150
## TRUE_1974	1.700099111	3.268718e-01	5.874568895
## FALSE_1975	0.498614361	-1.757283e-01	1.953585117
## FALSE_1976	2.000470298	2.391986e-01	-0.399005150
## FALSE_1977	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1978	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1979	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_1980	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1981	-0.102128014	-1.926353e-01	-0.399005150
## FALSE_1982	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1983	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1984	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1985	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1986	0.498614361	-1.485318e-01	-0.399005150
## FALSE_1987	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1988	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1989	-0.402499201	5.822706e-01	4.306175383
## FALSE_1990	3.201955048	9.021893e-01	-0.399005150
## FALSE_1991	0.798985549	3.596612e-01	-0.399005150
## FALSE_1992	-0.102128014	4.413786e-01	-0.399005150
## TRUE_1993	-0.102128014	-2.987739e-01	-0.399005150
## FALSE_1994	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1995	1.099356736	9.654967e-01	-0.399005150
## FALSE_1996	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1997	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1998	-0.102128014	7.813979e-01	0.385191606
## FALSE_1999	1.399727924	2.049426e+00	0.385191606
## FALSE_2000	-0.102128014	-1.785461e-01	-0.399005150
## FALSE_2001	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2002	0.798985549	-3.201844e-02	-0.399005150
## TRUE_2003	3.201955048	3.229772e+00	5.874568895
## FALSE_2004	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_2005	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2006	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2007	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2008	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2009	0.798985549	2.997403e-02	-0.399005150
## FALSE_2010	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_2011	-0.102128014	-3.645235e-01	-0.399005150
## FALSE_2012	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2013	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2014	0.198243174	8.069514e-02	-0.399005150
## FALSE_2015	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2016	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2017	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_2018	0.498614361	-2.623768e-01	-0.399005150
## FALSE_2019	0.498614361	-5.737899e-02	-0.399005150
## TRUE_2020	2.000470298	7.936085e-01	1.169388361
## FALSE_2021	0.498614361	6.715021e-01	-0.399005150
## TRUE_2022	-0.102128014	-2.715348e-01	0.385191606
## TRUE_2023	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2024	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2025	1.399727924	2.187693e-01	-0.399005150
## TRUE_2026	0.798985549	9.128971e-01	0.385191606
## FALSE_2027	0.798985549	-1.616391e-01	0.385191606
## TRUE_2028	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2029	0.498614361	3.765683e-01	0.385191606
## FALSE_2030	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2031	-0.702870388	-4.603300e-01	0.385191606
## TRUE_2032	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_2033	-0.102128014	-3.138024e-01	-0.399005150
## FALSE_2034	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_2035	0.798985549	2.694904e-01	-0.399005150
## FALSE_2036	0.198243174	7.964264e-01	0.385191606
## FALSE_2037	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2038	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2039	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2040	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_2041	-0.102128014	5.251675e-02	1.953585117
## TRUE_2042	-0.402499201	-2.074708e-02	-0.399005150
## FALSE_2043	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2044	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2045	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2046	0.198243174	-1.982710e-01	-0.399005150
## TRUE_2047	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2048	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2049	-0.102128014	9.711324e-01	0.385191606
## FALSE_2050	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2051	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2052	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2053	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2054	0.798985549	2.245979e-02	-0.399005150
## FALSE_2055	0.198243174	4.103824e-01	-0.399005150
## FALSE_2056	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2057	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2058	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2059	1.399727924	2.909806e+00	1.953585117
## FALSE_2060	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2061	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_2062	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2063	-0.402499201	-4.208803e-01	-0.399005150
## TRUE_2064	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2065	0.198243174	8.187129e-01	-0.399005150
## TRUE_2066	1.099356736	9.130348e-02	1.169388361
## FALSE_2067	0.498614361	2.445426e+00	-0.399005150
## FALSE_2068	-0.402499201	1.779852e+00	1.953585117
## FALSE_2069	-0.102128014	-3.673413e-01	-0.399005150
## FALSE_2070	-0.102128014	-2.912597e-01	-0.399005150
## FALSE_2071	1.099356736	-1.221893e-01	0.385191606
## FALSE_2072	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2073	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2074	-0.402499201	-3.321183e-01	-0.399005150
## FALSE_2075	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2076	0.498614361	-1.982710e-01	-0.399005150
## FALSE_2077	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2078	0.198243174	-3.081667e-01	-0.399005150

## FALSE_2079	0.198243174	-3.307094e-01	-0.399005150
## FALSE_2080	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2081	0.198243174	-1.109179e-01	-0.399005150
## FALSE_2082	-0.102128014	1.145092e-01	-0.399005150
## FALSE_2083	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2084	0.198243174	-1.165536e-01	-0.399005150
## FALSE_2085	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2086	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2087	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2088	1.399727924	8.835915e-01	5.090372139
## FALSE_2089	-0.402499201	5.815242e-02	-0.399005150
## FALSE_2090	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2091	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2092	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2093	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2094	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2095	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2096	2.000470298	5.311737e-01	-0.399005150
## FALSE_2097	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2098	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2099	0.498614361	-1.954531e-01	-0.399005150
## FALSE_2100	0.498614361	5.815242e-02	-0.399005150
## FALSE_2101	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_2102	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2103	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2104	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2105	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2106	-0.102128014	3.345632e+00	-0.399005150
## FALSE_2107	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2108	-0.102128014	-2.518099e-01	0.385191606
## TRUE_2109	-0.102128014	2.666725e-01	-0.399005150
## FALSE_2110	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2111	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2112	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2113	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2114	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2115	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2116	-0.102128014	3.512077e-01	-0.399005150
## FALSE_2117	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_2118	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2119	-0.402499201	-4.603300e-01	-0.399005150
## TRUE_2120	1.399727924	4.406323e-02	-0.399005150
## FALSE_2121	0.198243174	5.674350e-02	-0.399005150
## FALSE_2122	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2123	-0.402499201	-3.840044e-03	-0.399005150
## FALSE_2124	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2125	0.198243174	1.207831e+00	-0.399005150
## FALSE_2126	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2127	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2128	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2129	0.198243174	1.056607e+00	-0.399005150
## TRUE_2130	0.198243174	4.906908e-01	-0.399005150
## FALSE_2131	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2132	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2133	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2134	0.198243174	1.967708e+00	0.385191606
## FALSE_2135	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2136	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2137	1.399727924	3.878396e-01	-0.399005150
## FALSE_2138	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2139	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2140	-0.102128014	-1.616391e-01	-0.399005150
## FALSE_2141	0.198243174	1.145092e-01	1.169388361
## FALSE_2142	0.798985549	-1.926353e-01	-0.399005150
## FALSE_2143	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2144	0.798985549	3.622719e+00	-0.399005150
## FALSE_2145	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2146	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2147	-0.402499201	-4.180624e-01	-0.399005150
## FALSE_2148	-0.402499201	-3.025310e-01	2.737781872
## FALSE_2149	0.498614361	2.751261e-01	1.169388361
## FALSE_2150	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2151	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2152	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2153	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2154	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2155	-0.102128014	8.069514e-02	-0.399005150
## FALSE_2156	1.399727924	8.253092e-01	-0.399005150
## FALSE_2157	1.399727924	2.901545e-01	1.169388361
## TRUE_2158	2.000470298	1.553016e+00	1.953585117
## FALSE_2159	-0.702870388	-4.603300e-01	1.953585117
## FALSE_2160	0.198243174	-3.814305e-01	-0.399005150
## FALSE_2161	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_2162	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2163	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2164	-0.102128014	1.899141e+00	-0.399005150
## FALSE_2165	1.099356736	1.428293e+00	0.385191606
## FALSE_2166	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2167	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2168	-0.402499201	-4.039732e-01	-0.399005150
## TRUE_2169	2.000470298	1.395486e+00	0.385191606
## FALSE_2170	1.099356736	5.806704e-02	1.953585117
## TRUE_2171	-0.102128014	-1.954531e-01	-0.399005150
## FALSE_2172	1.099356736	4.034787e-01	1.953585117
## FALSE_2173	0.498614361	2.433835e-02	-0.399005150
## FALSE_2174	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2175	1.099356736	4.124539e-02	1.953585117
## FALSE_2176	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2177	-0.102128014	-4.490587e-01	-0.399005150
## FALSE_2178	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2179	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2180	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_2181	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2182	-0.102128014	-1.898174e-01	-0.399005150
## FALSE_2183	2.300841486	2.509673e+00	1.953585117
## FALSE_2184	-0.402499201	3.033045e-01	-0.399005150
## FALSE_2185	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2186	0.198243174	2.920331e-01	2.737781872

## FALSE_2187	1.399727924	5.884698e-01	-0.399005150
## FALSE_2188	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2189	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2190	0.798985549	-7.146819e-02	2.737781872
## FALSE_2191	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2192	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2193	0.498614361	5.251675e-02	0.385191606
## FALSE_2194	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2195	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2196	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2197	0.798985549	-2.157416e-01	-0.399005150
## TRUE_2198	0.498614361	-2.762312e-01	-0.399005150
## FALSE_2199	1.099356736	2.546549e-02	-0.399005150
## FALSE_2200	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2201	-0.402499201	1.224738e+00	-0.399005150
## TRUE_2202	2.300841486	1.206107e+00	-0.399005150
## FALSE_2203	-0.102128014	-3.786127e-01	-0.399005150
## FALSE_2204	-0.402499201	-2.292672e-01	2.737781872
## FALSE_2205	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2206	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2207	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2208	0.198243174	5.371851e-01	-0.399005150
## FALSE_2209	0.198243174	-2.638276e-02	3.521978628
## FALSE_2210	0.798985549	5.950448e-01	1.169388361
## FALSE_2211	0.798985549	2.847813e+00	-0.399005150
## FALSE_2212	0.198243174	-2.920060e-02	1.169388361
## TRUE_2213	-0.402499201	-2.630813e-01	0.385191606
## TRUE_2214	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2215	-0.402499201	-4.208803e-01	0.385191606
## FALSE_2216	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2217	3.802697423	4.513222e-01	5.090372139
## FALSE_2218	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2219	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2220	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_2221	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2222	-0.402499201	-3.194381e-01	-0.399005150
## FALSE_2223	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2224	-0.102128014	-2.546278e-01	-0.399005150
## FALSE_2225	-0.102128014	3.568434e-01	-0.399005150
## TRUE_2226	-0.402499201	-3.870662e-01	-0.399005150
## FALSE_2227	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2228	-0.702870388	-4.603300e-01	4.306175383
## FALSE_2229	0.198243174	-9.475723e-03	-0.399005150
## FALSE_2230	1.399727924	-3.288547e-02	2.737781872
## FALSE_2231	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2232	1.399727924	4.667391e-01	-0.399005150
## TRUE_2233	0.498614361	1.281095e+00	-0.399005150
## FALSE_2234	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2235	0.198243174	-1.954531e-01	-0.399005150
## TRUE_2236	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2237	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2238	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2239	2.901583861	8.933600e-01	-0.399005150
## FALSE_2240	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2241	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2242	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2243	-0.102128014	2.328585e-01	-0.399005150
## FALSE_2244	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2245	-0.102128014	-2.950168e-01	-0.399005150
## FALSE_2246	-0.402499201	-1.954531e-01	-0.399005150
## FALSE_2247	0.798985549	4.012244e-01	1.169388361
## FALSE_2248	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2249	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2250	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2251	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2252	-0.402499201	-4.039732e-01	0.385191606
## FALSE_2253	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2254	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2255	0.498614361	8.351298e-02	-0.399005150
## TRUE_2256	0.198243174	-2.123602e-01	2.737781872
## FALSE_2257	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2258	-0.402499201	-2.630813e-01	-0.399005150
## TRUE_2259	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2260	0.798985549	-5.174331e-02	-0.399005150
## FALSE_2261	-0.402499201	-2.461742e-01	0.385191606
## FALSE_2262	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2263	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2264	0.198243174	-2.779168e-02	0.385191606
## FALSE_2265	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2266	-0.102128014	1.529065e+00	-0.399005150
## FALSE_2267	3.802697423	1.094613e+00	4.306175383
## FALSE_2268	0.498614361	1.285984e-01	2.737781872
## FALSE_2269	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2270	0.198243174	2.948509e-01	-0.399005150
## FALSE_2271	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2272	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2273	1.099356736	-2.174323e-01	-0.399005150
## TRUE_2274	1.700099111	2.103158e-01	-0.399005150
## FALSE_2275	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2276	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2277	0.498614361	-2.433564e-01	0.385191606
## FALSE_2278	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2279	-0.102128014	-3.664021e-01	-0.399005150
## FALSE_2280	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2281	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2282	-0.102128014	-3.588878e-01	2.737781872
## FALSE_2283	0.198243174	8.415118e-01	-0.399005150
## FALSE_2284	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2285	-0.402499201	-3.250737e-01	-0.399005150
## FALSE_2286	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2287	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_2288	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2289	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2290	0.498614361	5.956134e-02	0.385191606
## FALSE_2291	1.399727924	3.568434e-01	-0.399005150
## FALSE_2292	0.498614361	4.160180e-01	-0.399005150
## FALSE_2293	1.399727924	3.056527e-01	-0.399005150
## FALSE_2294	-0.702870388	-4.603300e-01	-0.399005150

## TRUE_2295	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2296	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2297	0.798985549	2.111611e-01	-0.399005150
## FALSE_2298	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2299	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2300	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2301	1.700099111	2.328585e-01	-0.399005150
## FALSE_2302	0.498614361	-1.278250e-01	-0.399005150
## FALSE_2303	0.498614361	1.456933e-01	1.169388361
## FALSE_2304	0.198243174	1.306699e-02	-0.399005150
## FALSE_2305	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2306	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2307	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2308	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2309	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2310	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2311	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2312	0.498614361	2.384941e-01	-0.399005150
## FALSE_2313	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2314	-0.102128014	-1.156143e-01	-0.399005150
## TRUE_2315	-0.102128014	-2.377207e-01	0.385191606
## FALSE_2316	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2317	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2318	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2319	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2320	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2321	1.700099111	7.626123e-01	1.169388361
## FALSE_2322	-0.402499201	-9.475723e-03	1.169388361
## FALSE_2323	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2324	1.099356736	2.413120e-01	3.521978628
## FALSE_2325	0.198243174	1.104510e+00	0.385191606
## FALSE_2326	1.700099111	1.786615e+00	-0.399005150
## FALSE_2327	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2328	-0.402499201	-1.447320e-01	-0.399005150
## FALSE_2329	-0.402499201	-2.968953e-01	-0.399005150
## FALSE_2330	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2331	0.798985549	3.723415e-01	-0.399005150
## FALSE_2332	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2333	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2334	0.498614361	3.822040e-01	1.953585117
## FALSE_2335	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2336	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2337	-0.102128014	-3.842484e-01	-0.399005150
## FALSE_2338	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2339	0.198243174	-2.217530e-01	-0.399005150
## FALSE_2340	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2341	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2342	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2343	1.099356736	-2.687170e-01	-0.399005150
## FALSE_2344	1.399727924	6.696236e-01	-0.399005150
## FALSE_2345	0.498614361	1.870267e-02	-0.399005150
## FALSE_2346	1.399727924	1.930137e+00	-0.399005150
## TRUE_2347	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2348	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2349	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2350	0.198243174	-9.307163e-02	1.169388361
## FALSE_2351	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2352	2.300841486	7.795193e-01	1.169388361
## FALSE_2353	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2354	1.099356736	1.736176e+00	1.953585117
## FALSE_2355	1.700099111	2.143354e+00	0.385191606
## FALSE_2356	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2357	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2358	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_2359	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2360	-0.102128014	-3.025310e-01	-0.399005150
## FALSE_2361	0.798985549	2.086251e-01	0.385191606
## FALSE_2362	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2363	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2364	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2365	0.198243174	-4.096089e-01	-0.399005150
## FALSE_2366	-0.102128014	4.547215e-02	0.385191606
## TRUE_2367	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2368	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2369	2.000470298	1.127523e+00	1.169388361
## FALSE_2370	2.300841486	2.433893e+00	6.658765650
## FALSE_2371	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_2372	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2373	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2374	0.498614361	-7.146819e-02	0.385191606
## FALSE_2375	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2376	0.198243174	2.821707e-01	-0.399005150
## FALSE_2377	0.498614361	-3.729770e-01	-0.399005150
## FALSE_2378	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2379	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_2380	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2381	-0.402499201	-4.349695e-01	-0.399005150
## FALSE_2382	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2383	2.601212673	3.502684e-01	1.953585117
## FALSE_2384	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2385	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2391	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2392	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2393	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2394	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2395	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_2396	1.700099111	5.606671e-01	1.953585117
## FALSE_2397	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2398	0.198243174	-2.067245e-01	-0.399005150
## FALSE_2399	-0.102128014	-2.743526e-01	-0.399005150
## FALSE_2400	0.198243174	-1.531855e-01	2.737781872
## FALSE_2401	-0.102128014	9.049878e+00	-0.399005150
## FALSE_2402	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2403	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2404	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2405	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2406	1.399727924	3.624791e-01	1.169388361
## FALSE_2407	-0.102128014	-3.476165e-01	-0.399005150
## FALSE_2408	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2409	0.498614361	1.968648e+00	-0.399005150
## FALSE_2410	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2411	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2412	2.601212673	7.279842e-01	-0.399005150
## FALSE_2413	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2414	0.198243174	-1.315821e-01	-0.399005150
## FALSE_2415	-0.102128014	-2.799883e-01	-0.399005150
## FALSE_2416	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_2417	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2418	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2419	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2420	0.798985549	-1.672747e-01	-0.399005150
## TRUE_2421	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2422	-0.402499201	-3.081667e-01	-0.399005150
## FALSE_2423	1.399727924	6.097026e-02	-0.399005150
## FALSE_2424	0.798985549	-6.583251e-02	-0.399005150
## FALSE_2425	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2426	0.198243174	-1.823032e-01	1.169388361
## FALSE_2427	0.798985549	1.946105e+00	1.169388361
## TRUE_2428	3.502326235	3.273509e+00	1.169388361
## FALSE_2429	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2430	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2431	0.798985549	3.067605e+00	0.385191606
## FALSE_2432	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2433	-0.102128014	1.539590e-01	3.521978628
## FALSE_2434	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2435	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2436	0.198243174	5.251675e-02	-0.399005150
## TRUE_2437	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2438	-0.102128014	-3.307094e-01	-0.399005150
## FALSE_2439	1.700099111	2.798225e-01	0.385191606
## FALSE_2440	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2441	2.000470298	2.642573e-01	0.385191606
## FALSE_2442	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2443	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2444	0.798985549	8.377547e-01	1.169388361
## FALSE_2445	-0.102128014	4.688107e-02	-0.399005150
## FALSE_2446	1.399727924	9.222899e-01	-0.399005150
## FALSE_2447	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2448	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2449	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2450	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2451	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2452	-0.402499201	1.438894e+00	0.385191606
## FALSE_2453	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2454	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2455	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2456	0.198243174	2.018622e-01	-0.399005150

## FALSE_2457	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2458	1.099356736	1.342341e-01	-0.399005150
## FALSE_2459	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2460	1.099356736	-1.081001e-01	-0.399005150
## FALSE_2461	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2462	0.798985549	9.091399e-01	-0.399005150
## FALSE_2463	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_2464	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2465	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2466	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2467	-0.102128014	-3.673413e-01	-0.399005150
## FALSE_2468	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_2469	-0.102128014	-2.349029e-01	-0.399005150
## FALSE_2470	-0.102128014	-3.927019e-01	-0.399005150
## FALSE_2471	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2472	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2473	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2474	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2475	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2476	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2477	-0.102128014	-1.334607e-01	3.521978628
## FALSE_2478	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2479	2.601212673	-1.088464e-02	-0.399005150
## FALSE_2480	1.099356736	1.567768e-01	0.385191606
## FALSE_2481	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2482	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2483	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2484	-0.402499201	-1.945138e-01	0.385191606
## FALSE_2485	-0.102128014	1.877730e-01	1.169388361
## FALSE_2486	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2487	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2488	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2489	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2490	0.498614361	-5.850613e-02	-0.399005150
## FALSE_2491	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2492	1.099356736	3.286650e-01	0.385191606
## FALSE_2493	2.300841486	3.770656e+00	1.953585117
## TRUE_2494	1.700099111	2.253442e-01	1.169388361
## FALSE_2495	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2496	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2497	0.798985549	9.091399e-01	1.953585117
## FALSE_2498	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2499	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2500	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2501	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2502	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2503	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2504	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2505	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2506	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2507	-0.702870388	-4.603300e-01	1.169388361
## TRUE_2508	0.498614361	-6.113611e-02	0.385191606
## FALSE_2509	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2510	1.099356736	2.480799e-02	-0.399005150

## FALSE_2511	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2512	2.300841486	9.626789e-01	1.169388361
## FALSE_2513	0.498614361	2.497655e-01	-0.399005150
## FALSE_2514	0.798985549	1.331816e+00	-0.399005150
## FALSE_2515	2.000470298	1.406019e+00	2.737781872
## FALSE_2516	2.000470298	4.949175e-01	1.169388361
## FALSE_2517	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2518	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2519	2.901583861	6.863696e-01	0.385191606
## FALSE_2520	-0.102128014	6.942378e-02	-0.399005150
## FALSE_2521	1.700099111	1.562879e+00	0.385191606
## FALSE_2522	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2523	1.399727924	3.033045e-01	1.169388361
## FALSE_2524	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2525	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2526	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2527	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2528	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2529	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2530	-0.402499201	-3.870662e-01	-0.399005150
## FALSE_2531	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2532	0.498614361	-3.419808e-01	-0.399005150
## FALSE_2533	0.198243174	1.539590e-01	-0.399005150
## TRUE_2534	0.198243174	6.048133e-01	0.385191606
## FALSE_2535	-0.402499201	-2.574456e-01	-0.399005150
## FALSE_2536	-0.102128014	-3.194381e-01	1.953585117
## FALSE_2537	-0.702870388	-4.603300e-01	2.737781872
## TRUE_2538	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2539	0.498614361	2.734915e-03	-0.399005150
## FALSE_2540	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2541	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2542	1.700099111	-1.052823e-01	-0.399005150
## FALSE_2543	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2544	-0.102128014	1.116914e-01	-0.399005150
## FALSE_2545	5.004182173	3.512091e+00	1.169388361
## FALSE_2546	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2547	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2548	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2549	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2550	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2551	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2552	-0.102128014	-3.081667e-01	1.169388361
## TRUE_2553	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2554	6.506038110	6.450441e-01	0.385191606
## FALSE_2555	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2556	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2557	1.399727924	1.835463e-01	0.385191606
## FALSE_2558	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2559	-0.102128014	1.032379e-01	-0.399005150
## FALSE_2560	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2561	2.901583861	1.977571e+00	1.953585117
## FALSE_2562	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2563	2.000470298	2.046801e-01	1.169388361
## FALSE_2564	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2565	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2566	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2567	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2568	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2570	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2571	1.700099111	1.593875e+00	-0.399005150
## FALSE_2572	2.901583861	1.488676e+00	-0.399005150
## FALSE_2573	-0.402499201	-3.959223e-01	1.169388361
## FALSE_2574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2575	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_2576	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2577	0.498614361	9.410755e-01	1.953585117
## FALSE_2578	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2579	0.798985549	4.864640e-01	-0.399005150
## FALSE_2580	0.798985549	1.388634e-01	2.737781872
## FALSE_2581	-0.102128014	-1.898174e-01	-0.399005150
## FALSE_2582	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2583	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2584	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2585	2.300841486	1.016218e+00	-0.399005150
## FALSE_2586	0.498614361	2.272228e-01	1.953585117
## FALSE_2587	-0.402499201	-3.983376e-01	1.953585117
## FALSE_2588	0.198243174	4.688107e-02	-0.399005150
## FALSE_2589	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2590	0.198243174	4.751927e-01	0.385191606
## FALSE_2591	3.502326235	8.364788e-01	-0.399005150
## FALSE_2592	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2593	-0.102128014	7.505946e-02	-0.399005150
## FALSE_2594	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2595	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2596	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2597	-0.102128014	-2.912597e-01	-0.399005150
## FALSE_2598	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_2599	0.498614361	2.072417e-01	-0.399005150
## FALSE_2600	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2601	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2602	2.300841486	4.235323e-01	1.169388361
## FALSE_2603	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2604	2.300841486	1.175895e+00	-0.399005150
## FALSE_2605	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2606	-0.402499201	1.765017e-01	-0.399005150
## FALSE_2607	-0.102128014	-2.067245e-01	-0.399005150
## FALSE_2608	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2609	-0.102128014	6.611701e-01	-0.399005150
## FALSE_2610	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2611	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2614	-0.102128014	4.470143e-01	-0.399005150
## FALSE_2615	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2616	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2617	1.700099111	2.558985e+00	1.169388361
## FALSE_2618	0.798985549	3.560971e-02	-0.399005150

## FALSE_2619	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2620	0.798985549	-5.216599e-02	1.169388361
## FALSE_2621	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2622	1.099356736	8.069514e-02	2.737781872
## TRUE_2623	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2624	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2625	-0.102128014	-9.401091e-02	-0.399005150
## FALSE_2626	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_2627	-0.102128014	8.633082e-02	-0.399005150
## FALSE_2628	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2629	0.798985549	-1.672747e-01	-0.399005150
## FALSE_2630	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2631	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2632	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_2633	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2634	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2635	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2636	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2637	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2638	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2639	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2640	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2641	0.198243174	5.721314e-02	-0.399005150
## FALSE_2642	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2643	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2644	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2645	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2646	1.099356736	2.077980e+00	-0.399005150
## FALSE_2647	-0.402499201	-3.363451e-01	-0.399005150
## FALSE_2648	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2649	-0.102128014	-3.138024e-01	-0.399005150
## FALSE_2650	-0.102128014	-3.814305e-01	-0.399005150
## FALSE_2651	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2652	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2653	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2654	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2655	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2656	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2657	2.300841486	4.804441e-01	1.169388361
## FALSE_2658	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2659	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2660	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2661	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2662	-0.402499201	-6.865035e-02	-0.399005150
## FALSE_2663	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2664	2.300841486	6.577887e-01	1.169388361
## FALSE_2665	0.498614361	3.042437e-01	-0.399005150
## FALSE_2666	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2667	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2668	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2669	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2670	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2671	0.798985549	7.689106e-02	-0.399005150
## FALSE_2672	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2673	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2674	-0.402499201	-3.701592e-01	-0.399005150
## TRUE_2675	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_2676	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2677	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2678	1.099356736	-2.339636e-01	-0.399005150
## FALSE_2679	2.300841486	1.228137e+00	1.169388361
## FALSE_2680	0.498614361	2.098268e+00	1.953585117
## FALSE_2681	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2682	0.798985549	-1.560034e-01	-0.399005150
## FALSE_2683	-0.402499201	-3.419808e-01	-0.399005150
## FALSE_2684	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2685	1.700099111	1.229627e-01	-0.399005150
## FALSE_2686	0.198243174	-2.039066e-01	-0.399005150
## FALSE_2687	-0.102128014	1.821374e-01	-0.399005150
## FALSE_2688	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2689	2.300841486	3.850218e-01	-0.399005150
## FALSE_2690	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2691	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_2692	1.700099111	9.222899e-01	2.737781872
## FALSE_2693	0.198243174	-2.236315e-01	-0.399005150
## TRUE_2694	1.099356736	-1.127965e-01	-0.399005150
## FALSE_2695	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2696	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2697	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2698	-0.402499201	1.821374e-01	0.385191606
## TRUE_2699	1.700099111	-1.417212e-02	1.169388361
## FALSE_2700	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2701	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2702	0.198243174	1.089482e+00	1.169388361
## FALSE_2703	0.198243174	-2.461742e-01	-0.399005150
## FALSE_2704	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2705	0.798985549	3.202115e-01	-0.399005150
## FALSE_2706	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_2707	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2708	0.498614361	-1.165536e-01	-0.399005150
## FALSE_2709	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2710	2.901583861	4.165816e-01	4.306175383
## FALSE_2711	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2712	2.300841486	1.000250e+00	-0.399005150
## FALSE_2713	0.198243174	-4.265160e-01	-0.399005150
## FALSE_2714	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2715	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2716	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2717	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2718	1.099356736	2.715619e-02	0.385191606
## FALSE_2719	2.000470298	1.225208e+00	0.385191606
## TRUE_2720	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2721	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2722	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2723	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2724	-0.102128014	4.751927e-01	1.169388361
## FALSE_2725	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2726	-0.402499201	-3.983376e-01	1.169388361

## FALSE_2727	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2728	0.798985549	1.201449e-01	-0.399005150
## FALSE_2729	2.601212673	1.661503e+00	2.737781872
## FALSE_2730	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2731	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2732	0.198243174	-7.146819e-02	-0.399005150
## FALSE_2733	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2734	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2735	0.798985549	8.372850e-01	1.169388361
## FALSE_2736	0.798985549	6.978020e-01	0.385191606
## TRUE_2737	-0.702870388	-4.603300e-01	0.385191606
## TRUE_2738	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2739	-0.102128014	-3.194381e-01	-0.399005150
## FALSE_2740	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2741	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2743	-0.102128014	-2.630813e-01	-0.399005150
## FALSE_2744	-0.402499201	-2.095423e-01	-0.399005150
## FALSE_2745	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2752	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2755	1.700099111	7.006198e-01	-0.399005150
## FALSE_2756	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2760	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2764	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_2766	-0.402499201	-3.152113e-01	1.953585117
## FALSE_2767	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2771	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2773	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2774	3.502326235	5.151121e-01	1.953585117
## FALSE_2775	0.198243174	-1.109179e-01	-0.399005150
## FALSE_2776	0.198243174	-2.518099e-01	-0.399005150
## FALSE_2777	2.300841486	3.039158e+00	3.521978628
## FALSE_2778	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2780	1.399727924	-8.931451e-02	-0.399005150

## FALSE_2781	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2782	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2785	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2786	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2787	0.498614361	-1.672747e-01	-0.399005150
## FALSE_2788	-0.102128014	-4.321516e-01	-0.399005150
## FALSE_2789	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2790	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_2791	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2792	1.399727924	6.921663e-01	1.169388361
## FALSE_2793	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2794	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2795	0.198243174	-1.653962e-01	3.521978628
## FALSE_2796	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2797	2.601212673	2.351310e+00	1.953585117
## FALSE_2798	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2800	-0.402499201	-3.870662e-01	-0.399005150
## FALSE_2801	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2802	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2803	0.498614361	1.088735e-01	-0.399005150
## FALSE_2804	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2805	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2806	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2807	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2808	-0.102128014	-1.503677e-01	-0.399005150
## FALSE_2809	1.099356736	8.227069e+00	-0.399005150
## FALSE_2810	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2811	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2812	2.300841486	6.508380e-01	-0.399005150
## TRUE_2813	1.099356736	-8.402038e-02	0.385191606
## FALSE_2814	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2815	0.498614361	1.795635e-03	-0.399005150
## FALSE_2816	-0.402499201	-9.401091e-02	-0.399005150
## FALSE_2817	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2818	0.798985549	2.715619e-02	-0.399005150
## FALSE_2819	-0.102128014	1.314163e-01	-0.399005150
## FALSE_2820	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2821	-0.102128014	-2.489921e-01	-0.399005150
## FALSE_2822	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2824	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_2826	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2827	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2828	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2830	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2831	0.798985549	6.480202e-01	-0.399005150
## FALSE_2832	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2833	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2834	0.798985549	5.991776e-01	-0.399005150

## FALSE_2835	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_2837	0.498614361	5.251675e-02	1.169388361
## FALSE_2838	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2839	-0.402499201	-3.025310e-01	-0.399005150
## FALSE_2840	1.099356736	4.532538e-01	-0.399005150
## FALSE_2841	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2842	-0.402499201	-2.518099e-01	-0.399005150
## FALSE_2843	1.099356736	-8.743595e-02	1.169388361
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## FALSE_2845	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2846	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2847	1.399727924	1.177774e+00	-0.399005150
## FALSE_2848	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2849	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2851	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2857	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2858	3.502326235	2.799910e+00	1.169388361
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## FALSE_2860	0.798985549	1.870267e-02	-0.399005150
## FALSE_2861	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2862	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2863	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2864	-0.402499201	-2.574456e-01	-0.399005150
## FALSE_2865	0.798985549	9.274559e-01	0.385191606
## TRUE_2866	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2867	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2868	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2870	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2871	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2872	-0.102128014	-3.532521e-01	-0.399005150
## FALSE_2873	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2874	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2875	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_2876	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2877	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2878	0.198243174	-1.503677e-01	-0.399005150
## FALSE_2879	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2880	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2881	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2882	-0.402499201	-7.710387e-02	-0.399005150
## FALSE_2883	0.198243174	2.384941e-01	-0.399005150
## FALSE_2884	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2885	-0.402499201	-2.968953e-01	1.169388361
## FALSE_2886	0.498614361	4.639213e-01	-0.399005150
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## FALSE_2888	-0.402499201	-4.152446e-01	-0.399005150

## FALSE_2889	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2890	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2891	1.700099111	4.874033e-01	-0.399005150
## FALSE_2892	2.901583861	1.406770e+00	-0.399005150
## FALSE_2893	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2894	0.798985549	2.629793e+00	4.306175383
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## FALSE_2896	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2898	-0.402499201	-2.067245e-01	-0.399005150
## FALSE_2899	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2901	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2912	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2913	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2914	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2915	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2916	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2917	1.099356736	1.314163e-01	0.385191606
## FALSE_2918	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2919	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2920	3.201955048	8.297708e-01	0.385191606
## TRUE_2921	1.700099111	9.429540e-01	0.385191606
## FALSE_2922	2.300841486	8.719914e-01	1.953585117
## FALSE_2923	-0.402499201	-4.349695e-01	1.953585117
## FALSE_2924	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2925	0.198243174	3.004866e-01	-0.399005150
## FALSE_2926	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2927	2.300841486	1.013400e+00	2.737781872
## TRUE_2928	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2929	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2930	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2931	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2932	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2933	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2934	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2937	0.198243174	-3.307094e-01	1.169388361
## FALSE_2938	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2939	0.798985549	-3.588878e-01	0.385191606
## FALSE_2940	-0.402499201	-9.964659e-02	-0.399005150
## FALSE_2941	-0.102128014	-3.307094e-01	-0.399005150
## FALSE_2942	-0.702870388	-4.603300e-01	-0.399005150

## TRUE_2943	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2945	0.498614361	4.780105e-01	0.385191606
## TRUE_2946	-0.102128014	-4.328980e-02	-0.399005150
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## FALSE_2950	0.198243174	5.315495e-01	-0.399005150
## FALSE_2951	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_2952	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2953	-0.402499201	-4.265160e-01	1.169388361
## FALSE_2954	0.498614361	-1.409749e-01	-0.399005150
## FALSE_2955	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2956	-0.402499201	-3.532521e-01	0.385191606
## FALSE_2957	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2959	0.198243174	-1.653962e-01	-0.399005150
## FALSE_2960	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2961	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2962	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2963	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2964	1.099356736	4.387537e-02	0.385191606
## FALSE_2965	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2966	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2967	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_2968	0.198243174	1.652303e-01	-0.399005150
## FALSE_2969	0.198243174	2.159514e-01	-0.399005150
## FALSE_2970	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2971	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2972	2.000470298	3.846461e-01	1.169388361
## FALSE_2973	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2974	0.198243174	-1.602301e-01	0.385191606
## FALSE_2975	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2976	-0.102128014	-1.221893e-01	4.306175383
## FALSE_2977	-0.402499201	8.633082e-02	-0.399005150
## FALSE_2978	-0.102128014	-3.419808e-01	-0.399005150
## FALSE_2979	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2980	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2981	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2982	0.798985549	2.344829e+00	0.385191606
## FALSE_2983	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2984	0.798985549	-9.401091e-02	-0.399005150
## FALSE_2985	0.198243174	3.793861e-01	-0.399005150
## FALSE_2986	0.798985549	1.325053e+00	-0.399005150
## FALSE_2987	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2988	0.198243174	-1.799550e-01	-0.399005150
## FALSE_2989	-0.102128014	-4.047196e-02	-0.399005150
## TRUE_2990	0.198243174	-2.349029e-01	-0.399005150
## FALSE_2991	0.198243174	-9.119307e-02	1.169388361
## FALSE_2992	2.000470298	8.556010e-01	1.169388361
## TRUE_2993	-0.402499201	-2.292672e-01	-0.399005150
## FALSE_2994	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2995	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2996	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2997	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2998	-0.102128014	3.831432e-01	-0.399005150
## FALSE_2999	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3000	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3001	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3002	0.498614361	5.090067e-01	-0.399005150
## FALSE_3003	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3004	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3005	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3006	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3007	0.798985549	4.301072e-01	-0.399005150
## FALSE_3008	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3009	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3010	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3011	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3012	1.399727924	2.948509e-01	1.169388361
## FALSE_3013	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3014	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3015	-0.402499201	-3.138024e-01	1.169388361
## FALSE_3016	-0.402499201	-2.461742e-01	1.169388361
## TRUE_3017	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3018	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3019	0.498614361	-3.138024e-01	-0.399005150
## FALSE_3020	-0.402499201	-1.390963e-01	1.953585117
## FALSE_3021	-0.102128014	-2.743526e-01	-0.399005150
## FALSE_3022	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3023	0.198243174	1.312091e+00	-0.399005150
## FALSE_3024	-0.102128014	-4.002161e-01	-0.399005150
## FALSE_3025	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3026	1.099356736	1.398698e-01	-0.399005150
## FALSE_3027	-0.102128014	7.431314e-03	-0.399005150
## FALSE_3028	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3029	-0.402499201	2.566030e+00	-0.399005150
## FALSE_3030	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3031	1.700099111	7.342326e-01	-0.399005150
## FALSE_3032	0.498614361	-7.146819e-02	0.385191606
## FALSE_3033	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3034	0.198243174	-3.504343e-01	-0.399005150
## FALSE_3035	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3036	0.198243174	-1.503677e-01	-0.399005150
## FALSE_3037	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3038	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3039	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_3040	1.099356736	5.259138e-01	0.385191606
## FALSE_3041	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3042	0.198243174	-3.840044e-03	-0.399005150
## FALSE_3043	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3044	1.399727924	1.417215e-01	-0.399005150
## FALSE_3045	2.300841486	4.510062e-01	0.385191606
## FALSE_3046	-0.402499201	-1.766675e-01	-0.399005150
## TRUE_3047	0.798985549	3.861296e+00	-0.399005150
## FALSE_3048	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3049	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3050	0.198243174	-2.950168e-01	-0.399005150

## FALSE_3051	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3052	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3053	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3054	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3055	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3056	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3057	0.498614361	2.751261e-01	-0.399005150
## FALSE_3058	2.601212673	6.388898e+00	-0.399005150
## FALSE_3059	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3060	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3061	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3062	-0.402499201	-7.146819e-02	-0.399005150
## TRUE_3063	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3064	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3065	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3066	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3067	-0.102128014	-4.208803e-01	0.385191606
## FALSE_3068	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3069	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3070	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_3071	-0.102128014	-1.362785e-01	-0.399005150
## FALSE_3072	0.198243174	3.775076e-01	-0.399005150
## TRUE_3073	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3074	1.700099111	3.981717e-01	-0.399005150
## FALSE_3075	1.399727924	1.823576e+00	0.385191606
## FALSE_3076	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3077	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3078	-0.402499201	-1.221893e-01	0.385191606
## FALSE_3079	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3080	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3081	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3082	-0.402499201	1.196560e+00	-0.399005150
## TRUE_3083	-0.102128014	-3.025310e-01	-0.399005150
## FALSE_3084	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3085	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3086	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3087	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3090	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3091	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3092	0.498614361	1.004200e-01	-0.399005150
## FALSE_3093	-0.102128014	-6.583251e-02	-0.399005150
## FALSE_3094	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3095	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3096	2.901583861	3.134889e+00	-0.399005150
## FALSE_3097	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3098	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3099	1.399727924	1.616662e-02	-0.399005150
## FALSE_3100	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3101	2.000470298	1.691748e+00	0.385191606
## TRUE_3102	1.700099111	8.743866e-01	-0.399005150
## FALSE_3103	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3104	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_3105	-0.102128014	-3.363451e-01	-0.399005150
## TRUE_3106	0.798985549	9.175935e-01	-0.399005150
## FALSE_3107	0.498614361	1.539590e-01	1.169388361
## FALSE_3108	-0.102128014	5.569100e-01	-0.399005150
## FALSE_3109	4.403439798	2.876000e+00	2.737781872
## FALSE_3110	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3111	0.198243174	1.427622e+00	-0.399005150
## FALSE_3112	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3113	-0.402499201	-1.334607e-01	-0.399005150
## FALSE_3114	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3115	2.300841486	2.046801e-01	-0.399005150
## FALSE_3116	0.198243174	-2.292672e-01	-0.399005150
## TRUE_3117	2.000470298	1.060176e+00	-0.399005150
## FALSE_3118	-0.402499201	-3.757949e-01	-0.399005150
## FALSE_3119	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3120	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3121	0.498614361	8.633082e-02	-0.399005150
## FALSE_3122	4.103068610	8.654634e-01	0.385191606
## FALSE_3123	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3124	0.498614361	9.196650e-02	2.737781872
## FALSE_3125	1.099356736	1.101692e+00	1.169388361
## FALSE_3126	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3127	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3128	0.198243174	-3.189684e-01	-0.399005150
## FALSE_3129	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3130	-0.402499201	-3.081667e-01	-0.399005150
## FALSE_3131	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3132	-0.102128014	2.384941e-01	0.385191606
## FALSE_3133	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3134	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3135	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3136	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3137	-0.402499201	-3.201844e-02	-0.399005150
## FALSE_3138	3.802697423	8.722069e+00	1.953585117
## FALSE_3139	-0.402499201	-1.081001e-01	1.953585117
## FALSE_3140	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3141	1.099356736	-1.729104e-01	-0.399005150
## FALSE_3142	-0.702870388	-4.603300e-01	0.385191606
## TRUE_3143	-0.402499201	-3.250737e-01	-0.399005150
## FALSE_3144	0.798985549	2.385688e+00	-0.399005150
## FALSE_3145	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3146	0.498614361	-2.461742e-01	1.953585117
## TRUE_3147	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3148	1.099356736	-2.771705e-01	1.169388361
## FALSE_3149	0.198243174	1.511411e-01	-0.399005150
## FALSE_3150	0.198243174	4.075645e-01	1.169388361
## FALSE_3151	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3152	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3153	0.498614361	2.097704e-01	4.306175383
## FALSE_3154	-0.402499201	-3.645235e-01	-0.399005150
## TRUE_3155	1.700099111	6.248512e-01	0.385191606
## FALSE_3156	-0.102128014	-2.349029e-01	0.385191606
## FALSE_3157	-0.102128014	1.044396e+00	-0.399005150
## FALSE_3158	1.099356736	1.426876e-01	0.385191606

## FALSE_3159	2.000470298	3.624791e-01	-0.399005150
## FALSE_3160	0.798985549	-1.513070e-01	-0.399005150
## FALSE_3161	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3162	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3163	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3164	-0.102128014	-2.968953e-01	0.385191606
## FALSE_3165	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3166	1.700099111	8.912936e-01	1.169388361
## FALSE_3167	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3168	0.498614361	7.259804e-01	-0.399005150
## FALSE_3169	-0.102128014	-2.551913e-01	-0.399005150
## FALSE_3170	0.198243174	-7.052891e-02	-0.399005150
## FALSE_3171	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3172	0.198243174	2.411988e+00	-0.399005150
## TRUE_3173	1.099356736	1.652303e-01	-0.399005150
## FALSE_3174	0.498614361	-3.476165e-01	-0.399005150
## FALSE_3175	-0.402499201	-2.010888e-01	-0.399005150
## FALSE_3176	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3177	-0.102128014	2.441298e-01	-0.399005150
## FALSE_3178	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3179	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_3180	2.300841486	9.408012e+00	1.953585117
## FALSE_3181	0.798985549	4.201504e+00	1.169388361
## FALSE_3182	-0.102128014	-1.503677e-01	-0.399005150
## FALSE_3183	-0.102128014	-3.194381e-01	-0.399005150
## FALSE_3184	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3185	-0.102128014	-3.757949e-01	-0.399005150
## FALSE_3186	-0.102128014	6.378810e-02	1.953585117
## FALSE_3187	0.498614361	-4.892548e-02	-0.399005150
## FALSE_3188	1.099356736	-2.638276e-02	-0.399005150
## FALSE_3189	-0.402499201	1.004946e+00	-0.399005150
## FALSE_3190	-0.102128014	-3.870662e-01	-0.399005150
## FALSE_3191	-0.102128014	-2.743526e-01	-0.399005150
## TRUE_3192	-0.102128014	2.729464e+00	-0.399005150
## FALSE_3193	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3194	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3195	0.198243174	-2.236315e-01	-0.399005150
## FALSE_3196	1.399727924	2.168489e-02	1.953585117
## FALSE_3197	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3198	0.498614361	6.160846e-01	-0.399005150
## FALSE_3199	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3200	1.700099111	5.907241e-01	-0.399005150
## FALSE_3201	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3202	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3203	0.498614361	-1.954531e-01	-0.399005150
## FALSE_3204	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3205	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3206	-0.402499201	-4.039732e-01	1.169388361
## FALSE_3207	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3208	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3209	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3210	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3211	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_3212	2.601212673	1.576834e+00	0.385191606

## FALSE_3213	-0.102128014	-2.799883e-01	-0.399005150
## FALSE_3214	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3215	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3216	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3217	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3218	0.498614361	-1.165536e-01	-0.399005150
## FALSE_3219	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3220	2.000470298	4.019377e+00	-0.399005150
## FALSE_3221	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3222	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3223	1.399727924	4.631750e-02	1.953585117
## FALSE_3224	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3225	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3226	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3227	-0.402499201	-3.081667e-01	-0.399005150
## FALSE_3228	0.798985549	4.554678e-01	0.385191606
## FALSE_3229	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3230	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3231	0.198243174	6.935752e-01	-0.399005150
## FALSE_3232	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3233	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3234	-0.102128014	-2.799883e-01	-0.399005150
## FALSE_3235	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3236	0.198243174	1.708660e-01	-0.399005150
## FALSE_3237	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3238	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_3239	1.099356736	5.533458e-02	-0.399005150
## FALSE_3240	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3241	0.798985549	1.926380e+00	1.169388361
## FALSE_3242	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3243	2.000470298	5.229550e-01	-0.399005150
## FALSE_3244	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3245	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3246	-0.402499201	-4.096089e-01	3.521978628
## FALSE_3247	-0.402499201	-3.138024e-01	-0.399005150
## FALSE_3248	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3249	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3250	-0.402499201	-2.292672e-01	-0.399005150
## FALSE_3251	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3252	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3253	0.198243174	-2.349029e-01	-0.399005150
## FALSE_3254	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3255	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3256	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3257	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3258	2.901583861	1.897262e+00	1.169388361
## FALSE_3259	-0.402499201	3.560971e-02	-0.399005150
## FALSE_3260	-0.102128014	2.433835e-02	-0.399005150
## FALSE_3261	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3262	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3263	-0.402499201	-4.321516e-01	1.169388361
## FALSE_3264	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3265	0.198243174	9.429540e-01	-0.399005150
## FALSE_3266	-0.402499201	-3.476165e-01	-0.399005150

## TRUE_3267	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3269	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3270	-0.402499201	-2.799883e-01	-0.399005150
## FALSE_3271	0.798985549	5.181229e-02	0.385191606
## FALSE_3272	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3273	-0.402499201	-4.039732e-01	-0.399005150
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## FALSE_3277	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3278	1.700099111	3.540256e-01	2.737781872
## FALSE_3279	1.099356736	7.287982e-01	0.385191606
## FALSE_3280	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3281	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3282	-0.402499201	-1.954531e-01	-0.399005150
## FALSE_3283	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3285	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3287	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3288	1.700099111	3.236675e+00	0.385191606
## FALSE_3289	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3290	-0.402499201	-4.265160e-01	0.385191606
## TRUE_3291	0.498614361	1.337452e+00	0.385191606
## FALSE_3292	-0.102128014	1.483233e-01	-0.399005150
## FALSE_3293	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3294	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3295	-0.702870388	-4.603300e-01	1.953585117
## FALSE_3296	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3297	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3298	1.700099111	1.345972e-01	3.521978628
## FALSE_3299	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3300	0.798985549	-3.476165e-01	-0.399005150
## FALSE_3301	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3302	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3303	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3307	0.198243174	-2.884418e-01	-0.399005150
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## FALSE_3309	2.300841486	1.463852e+00	-0.399005150
## TRUE_3310	0.198243174	1.314163e-01	-0.399005150
## FALSE_3311	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3312	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3313	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3314	0.798985549	9.854146e-02	0.385191606
## FALSE_3315	0.798985549	1.996826e+00	-0.399005150
## FALSE_3316	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3317	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3318	-0.402499201	-2.179958e-01	0.385191606
## FALSE_3319	1.700099111	1.182663e-01	-0.399005150
## FALSE_3320	1.399727924	6.435586e-01	1.169388361

## FALSE_3321	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3325	-0.402499201	9.767681e-01	-0.399005150
## FALSE_3326	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3327	-0.402499201	-4.321516e-01	0.385191606
## FALSE_3328	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3329	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3330	-0.402499201	-4.377873e-01	-0.399005150
## TRUE_3331	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3332	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3334	-0.102128014	-2.179958e-01	-0.399005150
## FALSE_3335	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3336	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3341	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_3343	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3344	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3345	-0.102128014	-2.499314e-01	-0.399005150
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## TRUE_3347	-0.102128014	-1.250071e-01	0.385191606
## TRUE_3348	2.601212673	1.436076e+00	-0.399005150
## FALSE_3349	-0.402499201	-1.052823e-01	-0.399005150
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## FALSE_3355	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_3356	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3357	3.802697423	4.888828e-01	1.169388361
## FALSE_3358	-0.102128014	-4.321516e-01	-0.399005150
## FALSE_3359	0.198243174	-3.945804e-01	-0.399005150
## FALSE_3360	1.399727924	-1.602301e-01	-0.399005150
## FALSE_3361	0.498614361	2.835796e-01	0.385191606
## FALSE_3362	1.399727924	-2.114209e-01	-0.399005150
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## FALSE_3364	-0.402499201	-3.250737e-01	-0.399005150
## FALSE_3365	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3368	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3369	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3370	1.099356736	-9.401091e-02	1.169388361
## FALSE_3371	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3372	1.700099111	2.737113e+00	0.385191606
## FALSE_3373	-0.102128014	-2.405386e-01	-0.399005150
## FALSE_3374	-0.102128014	-4.180624e-01	-0.399005150

## TRUE_3375	-0.402499201	-3.194381e-01	-0.399005150
## FALSE_3376	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3377	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3378	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3379	2.901583861	1.323644e+00	1.953585117
## TRUE_3380	-0.102128014	-1.231286e-01	-0.399005150
## FALSE_3381	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3383	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_3385	-0.102128014	-2.461742e-01	-0.399005150
## FALSE_3386	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3387	-0.402499201	-4.321516e-01	-0.399005150
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## FALSE_3394	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3396	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3397	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3399	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_3400	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3401	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3402	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3403	0.498614361	-2.794247e-01	0.385191606
## FALSE_3404	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3406	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3407	0.498614361	-2.687170e-01	-0.399005150
## FALSE_3408	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3409	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3412	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3413	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3414	-0.402499201	-2.940775e-01	-0.399005150
## FALSE_3415	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3416	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3417	-0.402499201	-2.461742e-01	-0.399005150
## TRUE_3418	-0.402499201	-2.781098e-01	0.385191606
## FALSE_3419	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3420	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3421	-0.402499201	-4.328980e-02	-0.399005150
## FALSE_3422	-0.402499201	-4.039732e-01	-0.399005150
## FALSE_3423	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3424	1.399727924	-6.019683e-02	-0.399005150
## FALSE_3425	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3426	-0.402499201	-3.081667e-01	-0.399005150
## FALSE_3427	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3428	0.498614361	-3.427271e-02	-0.399005150

## FALSE_3429	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3430	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3431	-0.102128014	-2.771705e-01	-0.399005150
## FALSE_3432	1.700099111	2.197086e-01	1.169388361
## FALSE_3433	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3434	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3435	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3436	0.498614361	2.638547e-01	-0.399005150
## FALSE_3437	-0.402499201	-3.025310e-01	-0.399005150
## TRUE_3438	0.198243174	-1.700926e-01	-0.399005150
## FALSE_3439	-0.102128014	-1.390963e-01	0.385191606
## FALSE_3440	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3441	3.502326235	9.324512e-01	1.169388361
## FALSE_3442	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3446	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3447	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3448	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3449	2.300841486	-3.107916e-02	-0.399005150
## FALSE_3450	0.498614361	6.780771e-01	-0.399005150
## FALSE_3451	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3452	-0.402499201	-3.588878e-01	-0.399005150
## FALSE_3453	1.399727924	4.426791e-01	-0.399005150
## FALSE_3454	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3455	-0.102128014	1.444529e+00	-0.399005150
## FALSE_3456	-0.702870388	-4.603300e-01	1.953585117
## FALSE_3457	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3459	-0.102128014	4.296183e+00	-0.399005150
## FALSE_3460	0.198243174	-4.610764e-02	1.953585117
## FALSE_3461	-0.102128014	-3.851877e-01	-0.399005150
## TRUE_3462	0.498614361	1.368448e+00	-0.399005150
## FALSE_3463	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3464	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3465	1.399727924	4.385608e-01	-0.399005150
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## FALSE_3467	0.498614361	-9.475723e-03	-0.399005150
## FALSE_3468	-0.402499201	-4.124268e-01	-0.399005150
## FALSE_3469	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3470	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3471	-0.402499201	8.978686e-01	-0.399005150
## FALSE_3472	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3473	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3474	4.103068610	1.144993e+00	-0.399005150
## TRUE_3475	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3476	1.399727924	-9.541983e-02	0.385191606
## FALSE_3477	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3478	-0.402499201	-4.490587e-01	-0.399005150
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## TRUE_3480	1.099356736	1.534893e-01	-0.399005150
## FALSE_3481	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3482	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_3483	0.198243174	-3.162177e-01	0.385191606
## FALSE_3484	0.498614361	2.328585e-01	0.385191606
## FALSE_3485	-0.402499201	-1.898174e-01	-0.399005150
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## TRUE_3487	0.498614361	-7.146819e-02	-0.399005150
## FALSE_3488	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3490	-0.102128014	-3.588878e-01	-0.399005150
## FALSE_3491	0.498614361	1.357176e+00	0.385191606
## FALSE_3492	-0.102128014	5.456387e-01	1.169388361
## FALSE_3493	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_3496	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3497	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3498	1.700099111	5.353066e-01	1.169388361
## FALSE_3499	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_3500	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3501	-0.402499201	1.895384e+00	1.953585117
## FALSE_3502	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3503	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3504	-0.402499201	-3.307094e-01	-0.399005150
## FALSE_3505	-0.402499201	-3.898841e-01	-0.399005150
## FALSE_3506	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3507	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3508	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3509	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3510	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3511	0.798985549	-8.292740e-02	1.169388361
## FALSE_3512	-0.402499201	2.159514e-01	0.385191606
## FALSE_3513	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3514	0.798985549	-1.560034e-01	-0.399005150
## FALSE_3515	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3516	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3517	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3518	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3519	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3520	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3521	1.399727924	1.649494e+00	-0.399005150
## FALSE_3522	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3523	-0.402499201	-4.293338e-01	-0.399005150
## FALSE_3524	-0.702870388	-4.603300e-01	6.658765650
## FALSE_3525	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3526	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3527	1.099356736	1.647414e+00	-0.399005150
## FALSE_3528	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3529	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3530	-0.702870388	-4.603300e-01	1.169388361
## TRUE_3531	-0.402499201	-2.292672e-01	-0.399005150
## FALSE_3532	-0.402499201	-3.757949e-01	-0.399005150
## FALSE_3533	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3534	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_3535	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3536	-0.702870388	-4.603300e-01	-0.399005150

## TRUE_3537	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_3538	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3539	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3540	1.399727924	-1.524170e-01	0.385191606
## FALSE_3541	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3542	-0.402499201	-2.067245e-01	-0.399005150
## TRUE_3543	-0.102128014	-2.104816e-01	-0.399005150
## FALSE_3544	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3545	0.498614361	3.698801e+00	-0.399005150
## FALSE_3546	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3547	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3548	-0.402499201	-5.456115e-02	-0.399005150
## FALSE_3549	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3550	-0.402499201	-3.927019e-01	-0.399005150
## TRUE_3551	2.000470298	2.179234e+00	0.385191606
## FALSE_3552	0.798985549	-1.475499e-01	-0.399005150
## FALSE_3553	0.198243174	1.138324e+00	0.385191606
## FALSE_3554	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3556	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3558	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3559	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3560	0.198243174	-1.588212e-01	-0.399005150
## FALSE_3561	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3562	1.700099111	2.835796e-01	-0.399005150
## FALSE_3563	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3564	0.198243174	1.088735e-01	-0.399005150
## FALSE_3565	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3566	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3567	-0.402499201	1.539590e-01	-0.399005150
## FALSE_3568	1.399727924	1.111085e+00	1.169388361
## FALSE_3569	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3570	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_3571	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3572	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3573	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3575	-0.402499201	-3.391629e-01	1.169388361
## FALSE_3576	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3577	0.498614361	9.534203e-01	0.385191606
## FALSE_3578	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3579	1.099356736	2.611115e+00	2.737781872
## FALSE_3580	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3581	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3582	1.099356736	-1.221893e-01	-0.399005150
## TRUE_3583	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3584	-0.402499201	-3.870662e-01	0.385191606
## FALSE_3585	0.198243174	-2.501192e-01	2.737781872
## FALSE_3586	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3587	0.798985549	-7.710387e-02	-0.399005150
## FALSE_3588	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3589	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3590	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_3591	0.498614361	8.800223e-01	-0.399005150
## FALSE_3592	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3593	0.198243174	2.197086e-01	-0.399005150
## FALSE_3594	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3595	0.198243174	2.103158e-01	0.385191606
## FALSE_3596	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3597	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3598	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3599	-0.102128014	-4.208803e-01	-0.399005150
## FALSE_3600	-0.402499201	-9.401091e-02	-0.399005150
## FALSE_3601	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3602	0.498614361	9.481008e+00	0.385191606
## FALSE_3603	-0.402499201	-7.710387e-02	-0.399005150
## FALSE_3604	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3605	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3606	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3607	-0.102128014	-1.015251e-01	-0.399005150
## FALSE_3608	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3609	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3610	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3611	-0.102128014	-2.489921e-01	-0.399005150
## FALSE_3612	2.300841486	1.298002e+00	-0.399005150
## FALSE_3613	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3614	1.099356736	1.224738e+00	0.385191606
## FALSE_3615	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3616	-0.402499201	-4.603300e-01	0.385191606
## FALSE_3617	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3618	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3619	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3620	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3621	1.099356736	6.660594e-02	-0.399005150
## FALSE_3622	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3623	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3624	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3625	-0.102128014	-8.273955e-02	-0.399005150
## FALSE_3626	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3627	2.901583861	9.591096e-01	-0.399005150
## FALSE_3628	0.198243174	2.215871e-01	-0.399005150
## FALSE_3629	0.198243174	-6.019683e-02	1.953585117
## FALSE_3630	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3631	0.798985549	1.595946e-01	-0.399005150
## FALSE_3632	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3633	1.399727924	3.098794e-01	0.385191606
## FALSE_3634	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3635	-0.402499201	-4.152446e-01	-0.399005150
## FALSE_3636	2.601212673	4.817676e-01	4.306175383
## FALSE_3637	-0.102128014	-3.757949e-01	-0.399005150
## FALSE_3638	0.798985549	3.438813e-01	-0.399005150
## FALSE_3639	-0.102128014	1.821374e-01	-0.399005150
## FALSE_3640	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3641	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3642	0.198243174	2.433835e-02	-0.399005150
## FALSE_3643	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3644	0.798985549	3.681148e-01	-0.399005150

## FALSE_3645	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3646	0.498614361	-1.954531e-01	-0.399005150
## FALSE_3647	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3648	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3649	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3650	1.700099111	1.100002e+00	-0.399005150
## FALSE_3651	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3652	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3653	-0.102128014	2.835796e-01	-0.399005150
## FALSE_3654	-0.402499201	-9.964659e-02	-0.399005150
## FALSE_3655	0.498614361	1.229627e-01	-0.399005150
## FALSE_3656	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3657	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3658	0.198243174	-3.307094e-01	-0.399005150
## FALSE_3659	0.798985549	6.985811e+00	-0.399005150
## FALSE_3660	1.399727924	6.137364e-01	1.169388361
## TRUE_3661	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_3662	0.498614361	-8.273955e-02	-0.399005150
## FALSE_3663	0.498614361	2.779439e-01	0.385191606
## FALSE_3664	-0.102128014	-2.010888e-01	-0.399005150
## FALSE_3665	0.198243174	-8.273955e-02	-0.399005150
## FALSE_3666	-0.402499201	-2.638276e-02	0.385191606
## FALSE_3667	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3668	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3669	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3670	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3671	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3672	-0.102128014	-4.208803e-01	-0.399005150
## FALSE_3673	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3674	-0.102128014	-3.757949e-01	-0.399005150
## FALSE_3675	1.399727924	1.781731e+00	-0.399005150
## FALSE_3676	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3677	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3678	0.198243174	9.542254e-01	1.169388361
## FALSE_3679	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3680	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3681	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3682	0.198243174	6.837128e-01	-0.399005150
## FALSE_3683	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3684	0.798985549	8.494017e-01	-0.399005150
## FALSE_3685	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3686	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3687	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3688	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3689	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3690	0.198243174	-3.344665e-01	0.385191606
## FALSE_3691	0.798985549	-1.560034e-01	-0.399005150
## FALSE_3692	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3693	-0.402499201	-3.307094e-01	-0.399005150
## FALSE_3694	-0.102128014	1.934087e-01	-0.399005150
## FALSE_3695	-0.102128014	-3.138024e-01	1.953585117
## FALSE_3696	0.498614361	4.969891e-02	-0.399005150
## FALSE_3697	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3698	2.000470298	4.397818e-01	0.385191606

## FALSE_3699	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3700	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3701	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3702	-0.402499201	-3.588878e-01	0.385191606
## FALSE_3703	-0.102128014	4.188359e-01	0.385191606
## FALSE_3704	0.198243174	-1.954531e-01	0.385191606
## FALSE_3705	0.498614361	3.861296e+00	-0.399005150
## FALSE_3706	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3707	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3708	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3709	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3710	0.498614361	1.335573e+00	-0.399005150
## FALSE_3711	1.099356736	-1.052823e-01	0.385191606
## FALSE_3712	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3713	-0.402499201	-3.814305e-01	-0.399005150
## FALSE_3714	-0.402499201	-4.299841e-01	-0.399005150
## FALSE_3715	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3716	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3717	-0.402499201	-3.757949e-01	-0.399005150
## TRUE_3718	0.498614361	3.709326e-01	0.385191606
## FALSE_3719	-0.102128014	-4.039732e-01	0.385191606
## FALSE_3720	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3721	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3722	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3723	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3724	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3725	0.798985549	2.790710e-01	1.953585117
## FALSE_3726	0.198243174	-1.137358e-01	-0.399005150
## FALSE_3727	-0.102128014	1.715042e+00	0.385191606
## FALSE_3728	0.198243174	5.512743e-01	-0.399005150
## FALSE_3729	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3730	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3731	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3732	-0.402499201	-2.039066e-01	1.953585117
## FALSE_3733	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3734	-0.102128014	-3.100453e-01	-0.399005150
## FALSE_3735	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3736	0.498614361	5.251675e-02	-0.399005150
## FALSE_3737	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3738	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3739	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3740	0.198243174	-2.081334e-01	-0.399005150
## FALSE_3741	0.798985549	-1.616391e-01	-0.399005150
## FALSE_3742	-0.402499201	-1.841818e-01	-0.399005150
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## FALSE_3744	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3745	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3746	-0.102128014	8.076977e-01	-0.399005150
## FALSE_3747	1.399727924	1.483233e-01	1.169388361
## FALSE_3748	-0.102128014	4.688107e-02	-0.399005150
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## FALSE_3750	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3751	0.798985549	-2.743526e-01	-0.399005150
## FALSE_3752	0.498614361	1.618296e+00	-0.399005150

## FALSE_3753	0.798985549	-4.610764e-02	0.385191606
## FALSE_3754	0.798985549	-7.334675e-02	-0.399005150
## FALSE_3755	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3756	0.198243174	-2.067245e-01	0.385191606
## FALSE_3757	1.700099111	4.268005e+00	-0.399005150
## FALSE_3758	2.901583861	1.808031e+00	-0.399005150
## FALSE_3759	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3760	-0.402499201	-2.743526e-01	-0.399005150
## FALSE_3761	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_3762	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3763	-0.402499201	-1.729104e-01	1.169388361
## FALSE_3764	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3765	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3766	-0.402499201	-2.856240e-01	-0.399005150
## FALSE_3767	-0.102128014	-3.401022e-01	-0.399005150
## FALSE_3768	1.099356736	-5.737899e-02	0.385191606
## FALSE_3769	1.399727924	-1.729104e-01	1.953585117
## FALSE_3770	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3771	-0.102128014	-5.174331e-02	-0.399005150
## FALSE_3772	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3773	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3774	-0.102128014	-5.850613e-02	-0.399005150
## FALSE_3775	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3776	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3777	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_3778	0.798985549	-2.518099e-01	0.385191606
## FALSE_3779	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3780	-0.102128014	-2.912597e-01	0.385191606
## FALSE_3781	-0.102128014	-3.307094e-01	-0.399005150
## FALSE_3782	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3783	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3784	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3785	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3786	-0.102128014	1.314163e-01	-0.399005150
## FALSE_3787	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3788	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3789	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3790	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3791	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3792	-0.402499201	-3.447986e-01	0.385191606
## FALSE_3793	-0.402499201	-2.461742e-01	-0.399005150
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## FALSE_3795	0.798985549	1.727446e-01	-0.399005150
## FALSE_3796	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3797	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3798	1.099356736	9.230413e-01	-0.399005150
## FALSE_3799	0.798985549	2.527763e-02	0.385191606
## FALSE_3800	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3801	-0.402499201	-4.039732e-01	1.953585117
## FALSE_3802	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3803	0.498614361	1.285984e-01	0.385191606
## FALSE_3804	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3805	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3806	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_3807	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3808	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3809	2.000470298	5.371851e-01	1.169388361
## TRUE_3810	-0.702870388	-4.603300e-01	3.521978628
## FALSE_3811	0.798985549	2.694904e-01	-0.399005150
## FALSE_3812	0.198243174	-1.672747e-01	-0.399005150
## FALSE_3813	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3814	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3815	-0.102128014	-3.166202e-01	-0.399005150
## FALSE_3816	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3817	-0.102128014	3.138295e-02	-0.399005150
## FALSE_3818	0.498614361	-1.362785e-01	-0.399005150
## FALSE_3819	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3820	0.798985549	-1.747890e-01	-0.399005150
## FALSE_3821	0.798985549	-2.292672e-01	0.385191606
## TRUE_3822	1.700099111	1.199377e+00	1.953585117
## FALSE_3823	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3824	0.498614361	1.579786e+00	0.385191606
## FALSE_3825	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3826	1.399727924	8.069514e-02	1.953585117
## FALSE_3827	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3828	0.498614361	4.244716e-01	-0.399005150
## FALSE_3829	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3830	1.700099111	4.165435e+00	0.385191606
## FALSE_3831	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3832	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3833	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3834	1.700099111	4.244716e-01	2.737781872
## FALSE_3835	0.498614361	1.325241e+00	0.385191606
## FALSE_3836	-0.102128014	-3.645235e-01	-0.399005150
## FALSE_3837	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3838	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3839	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3840	-0.102128014	8.640545e-01	-0.399005150
## TRUE_3841	2.000470298	1.607964e+00	-0.399005150
## FALSE_3842	0.498614361	-1.728020e-01	-0.399005150
## TRUE_3843	0.498614361	4.695570e-01	-0.399005150
## TRUE_3844	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3845	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3846	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3847	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3848	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3849	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3850	1.099356736	5.259138e-01	-0.399005150
## FALSE_3851	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3852	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3853	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3854	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3855	0.198243174	-2.452350e-01	-0.399005150
## FALSE_3856	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3857	3.502326235	1.654619e+00	-0.399005150
## FALSE_3858	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_3859	0.198243174	3.455720e-01	1.169388361
## FALSE_3860	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_3861	2.000470298	3.230293e-01	0.385191606
## TRUE_3862	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_3863	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3864	-0.402499201	-4.152446e-01	-0.399005150
## TRUE_3865	0.798985549	8.210406e-02	-0.399005150
## FALSE_3866	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3867	-0.402499201	-5.456115e-02	0.385191606
## FALSE_3868	1.099356736	-2.311458e-01	-0.399005150
## FALSE_3869	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3871	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3872	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3873	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3874	-0.102128014	-2.442957e-01	-0.399005150
## FALSE_3875	-0.702870388	-4.603300e-01	5.874568895
## FALSE_3876	0.798985549	1.858945e-01	-0.399005150
## FALSE_3877	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3878	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3879	-0.402499201	-4.096089e-01	0.385191606
## FALSE_3880	1.099356736	3.416271e-01	-0.399005150
## FALSE_3881	-0.102128014	5.540922e-01	1.953585117
## FALSE_3882	-0.102128014	2.997403e-02	-0.399005150
## FALSE_3883	0.798985549	1.451104e+00	-0.399005150
## FALSE_3884	-0.102128014	2.892153e-01	-0.399005150
## FALSE_3885	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3886	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3887	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3888	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3889	0.198243174	-9.964659e-02	-0.399005150
## FALSE_3890	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3891	-0.702870388	-4.603300e-01	0.385191606
## TRUE_3892	-0.402499201	-3.222559e-01	-0.399005150
## FALSE_3893	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3894	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3895	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3896	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3897	1.700099111	-2.292672e-01	-0.399005150
## FALSE_3898	-0.102128014	-1.022204e-03	0.385191606
## FALSE_3899	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3900	2.000470298	7.752926e-01	1.169388361
## FALSE_3901	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3902	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3903	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3904	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3905	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3906	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_3907	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3908	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3909	-0.402499201	-2.630813e-01	-0.399005150
## FALSE_3910	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3911	1.399727924	-1.905638e-02	3.521978628
## TRUE_3912	0.498614361	2.159514e-01	2.737781872
## FALSE_3913	-0.402499201	-4.321516e-01	-0.399005150
## TRUE_3914	-0.702870388	-4.603300e-01	1.953585117

## FALSE_3915	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3916	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3917	-0.102128014	-3.724134e-01	-0.399005150
## FALSE_3918	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3919	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3920	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3921	1.700099111	1.004007e+00	-0.399005150
## FALSE_3922	-0.402499201	-4.321516e-01	-0.399005150
## TRUE_3923	-0.402499201	-3.757949e-01	-0.399005150
## FALSE_3924	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3925	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3926	1.099356736	3.560971e-02	-0.399005150
## FALSE_3927	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3928	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3929	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3930	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3931	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3932	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3933	0.798985549	1.731949e+00	-0.399005150
## FALSE_3934	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3935	0.498614361	2.300406e-01	-0.399005150
## FALSE_3936	-0.102128014	2.554012e-01	-0.399005150
## FALSE_3937	-0.402499201	-4.603300e-01	0.385191606
## FALSE_3938	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3939	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3940	-0.102128014	3.230293e-01	0.385191606
## FALSE_3941	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3942	0.198243174	-1.792924e-02	-0.399005150
## FALSE_3943	-0.102128014	8.069514e-02	1.169388361
## FALSE_3944	-0.102128014	4.526499e-01	-0.399005150
## FALSE_3945	0.498614361	-2.273886e-01	-0.399005150
## FALSE_3946	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3947	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3948	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3949	-0.402499201	-7.146819e-02	0.385191606
## TRUE_3950	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3951	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3953	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3954	-0.102128014	1.588483e-02	-0.399005150
## FALSE_3955	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3956	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3957	0.498614361	1.870267e-02	-0.399005150
## FALSE_3958	0.198243174	-5.174331e-02	2.737781872
## FALSE_3959	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3960	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3961	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3962	-0.102128014	-4.321516e-01	-0.399005150
## FALSE_3963	-0.102128014	-4.892548e-02	-0.399005150
## FALSE_3964	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3966	0.798985549	-2.588545e-01	-0.399005150
## FALSE_3967	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3968	1.700099111	3.822040e-01	-0.399005150

## FALSE_3969	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3970	0.198243174	5.533458e-02	-0.399005150
## FALSE_3971	0.798985549	2.009230e-01	2.737781872
## FALSE_3972	3.201955048	1.728004e+00	5.874568895
## FALSE_3973	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3974	-0.402499201	-3.081667e-01	1.169388361
## FALSE_3975	1.700099111	9.208809e-01	0.385191606
## TRUE_3976	0.198243174	-3.870662e-01	-0.399005150
## FALSE_3977	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3978	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3979	0.498614361	7.457053e-01	0.385191606
## FALSE_3980	0.198243174	9.760218e-02	-0.399005150
## FALSE_3981	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3982	0.798985549	-1.644569e-01	-0.399005150
## FALSE_3983	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3984	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3985	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3986	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3987	0.798985549	3.427542e-01	0.385191606
## TRUE_3988	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3989	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3990	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3991	0.198243174	-2.518099e-01	0.385191606
## FALSE_3992	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3993	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3994	0.798985549	2.599844e+00	4.306175383
## TRUE_3995	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3996	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3997	0.798985549	-1.511140e-02	0.385191606
## FALSE_3998	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3999	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4000	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4001	1.700099111	3.465113e-01	0.385191606
## FALSE_4002	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4003	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4004	-0.102128014	3.698801e+00	-0.399005150
## FALSE_4005	0.498614361	2.835796e-01	-0.399005150
## FALSE_4006	-0.102128014	-4.086696e-01	1.169388361
## FALSE_4007	1.700099111	9.213506e-01	1.169388361
## FALSE_4008	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4009	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4010	1.700099111	9.288648e-01	-0.399005150
## FALSE_4011	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4012	0.498614361	-9.307163e-02	-0.399005150
## TRUE_4013	1.399727924	4.239080e-01	-0.399005150
## TRUE_4014	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4015	0.498614361	-4.208215e-02	-0.399005150
## FALSE_4016	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4017	0.798985549	7.275458e-01	1.953585117
## FALSE_4018	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4019	-0.702870388	-4.603300e-01	5.090372139
## FALSE_4020	0.198243174	5.909170e-02	0.385191606
## FALSE_4021	0.198243174	1.145092e-01	-0.399005150
## FALSE_4022	-0.402499201	-2.518099e-01	-0.399005150

## FALSE_4023	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4024	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4025	-0.102128014	-1.729104e-01	-0.399005150
## FALSE_4026	0.198243174	4.976152e-02	-0.399005150
## FALSE_4027	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4028	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_4029	1.700099111	5.822706e-01	-0.399005150
## FALSE_4030	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4031	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4032	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4033	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4034	-0.402499201	-3.419808e-01	-0.399005150
## FALSE_4035	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4036	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4037	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4038	0.198243174	2.779439e-01	-0.399005150
## FALSE_4039	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4040	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4041	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4042	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4043	0.498614361	4.695570e-01	-0.399005150
## FALSE_4044	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_4045	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_4046	0.198243174	-2.912597e-01	-0.399005150
## FALSE_4047	0.198243174	7.936085e-01	-0.399005150
## FALSE_4048	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4049	-0.102128014	-4.124268e-01	-0.399005150
## FALSE_4050	3.802697423	3.155159e+00	1.953585117
## FALSE_4051	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4052	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4053	2.300841486	4.137069e+00	1.953585117
## FALSE_4054	1.399727924	2.619761e-01	0.385191606
## FALSE_4055	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4056	1.099356736	6.865306e-01	-0.399005150
## TRUE_4057	2.300841486	6.705436e+00	-0.399005150
## FALSE_4058	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4059	2.601212673	2.324635e+00	2.737781872
## FALSE_4060	3.201955048	1.303825e+00	-0.399005150
## FALSE_4061	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4062	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4063	0.198243174	-1.154466e-01	-0.399005150
## FALSE_4064	-0.102128014	-4.039732e-01	3.521978628
## FALSE_4065	0.198243174	2.932349e+00	-0.399005150
## FALSE_4066	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4067	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4068	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4069	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4070	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4071	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4072	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4073	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4074	0.198243174	-3.532521e-01	-0.399005150
## TRUE_4075	2.601212673	4.248003e-01	3.521978628
## FALSE_4076	0.498614361	6.865306e-01	-0.399005150

## FALSE_4077	1.099356736	1.004200e-01	-0.399005150
## FALSE_4078	-0.102128014	1.114842e+00	-0.399005150
## TRUE_4079	2.601212673	1.426213e+00	-0.399005150
## FALSE_4080	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4081	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4082	0.498614361	3.540256e-01	-0.399005150
## FALSE_4083	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4084	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4085	-0.102128014	1.131749e+00	-0.399005150
## FALSE_4086	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4087	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4088	-0.102128014	-1.992102e-01	-0.399005150
## FALSE_4089	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4090	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4091	0.798985549	1.352480e+00	5.090372139
## TRUE_4092	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4093	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4094	-0.102128014	-2.968953e-01	-0.399005150
## FALSE_4095	1.399727924	1.682411e-02	1.169388361
## FALSE_4096	0.198243174	-1.560034e-01	-0.399005150
## FALSE_4097	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4098	0.498614361	6.942378e-02	-0.399005150
## FALSE_4099	-0.402499201	-6.583251e-02	-0.399005150
## FALSE_4100	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4101	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4102	2.300841486	9.705688e-01	5.090372139
## FALSE_4103	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4104	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4105	-0.102128014	-2.123602e-01	1.169388361
## FALSE_4106	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4107	1.399727924	1.356430e-01	-0.399005150
## FALSE_4108	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4109	1.700099111	2.018622e-01	-0.399005150
## FALSE_4110	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4111	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4112	-0.402499201	2.425138e+00	-0.399005150
## FALSE_4113	-0.102128014	1.032379e-01	0.385191606
## FALSE_4114	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4115	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4116	2.300841486	6.442630e-01	-0.399005150
## FALSE_4117	4.403439798	5.038684e+00	-0.399005150
## FALSE_4118	-0.402499201	-4.208803e-01	0.385191606
## FALSE_4119	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4120	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4121	-0.102128014	3.500806e-01	0.385191606
## FALSE_4122	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4123	0.198243174	-2.799883e-01	-0.399005150
## FALSE_4124	1.399727924	2.704297e-01	1.953585117
## FALSE_4125	2.300841486	1.363094e+00	-0.399005150
## TRUE_4126	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4127	0.498614361	6.583522e-01	-0.399005150
## TRUE_4128	0.498614361	4.033378e-01	-0.399005150
## FALSE_4129	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4130	-0.402499201	-4.603300e-01	1.169388361

## FALSE_4131	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4132	0.798985549	9.760218e-02	-0.399005150
## FALSE_4133	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_4134	0.498614361	1.567768e-01	-0.399005150
## FALSE_4135	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4136	1.399727924	7.849479e+00	1.169388361
## FALSE_4137	-0.102128014	-2.461742e-01	-0.399005150
## FALSE_4138	0.798985549	-4.892548e-02	-0.399005150
## FALSE_4139	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4140	0.198243174	-3.513736e-01	-0.399005150
## FALSE_4141	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4142	2.300841486	2.155470e+00	2.737781872
## FALSE_4143	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4144	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4145	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4146	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4147	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4148	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4149	1.099356736	2.489009e+00	1.953585117
## FALSE_4150	1.099356736	4.554678e-01	-0.399005150
## FALSE_4151	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4152	-0.102128014	-2.236315e-01	-0.399005150
## FALSE_4153	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4154	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4155	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4156	-0.102128014	5.146424e-01	-0.399005150
## FALSE_4157	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4158	0.198243174	-2.067245e-01	-0.399005150
## FALSE_4159	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4160	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4161	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4162	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4163	1.700099111	-2.638276e-02	-0.399005150
## FALSE_4164	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4165	0.498614361	9.196650e-02	0.385191606
## FALSE_4166	-0.402499201	-3.757949e-01	-0.399005150
## FALSE_4167	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4168	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4169	1.700099111	-2.850604e-01	8.227159161
## FALSE_4170	0.498614361	-3.107916e-02	-0.399005150
## FALSE_4171	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4172	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4173	2.000470298	1.228307e+00	2.737781872
## TRUE_4174	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4175	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4176	1.700099111	1.980483e+00	1.169388361
## FALSE_4177	0.198243174	-2.612027e-01	-0.399005150
## FALSE_4178	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4179	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4180	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4181	-0.402499201	-3.814305e-01	-0.399005150
## FALSE_4182	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4183	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4184	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4185	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4186	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4187	-0.102128014	-4.039732e-01	0.385191606
## FALSE_4188	1.099356736	3.305436e-01	-0.399005150
## TRUE_4189	0.498614361	2.554012e-01	-0.399005150
## FALSE_4190	0.798985549	6.668057e-01	0.385191606
## TRUE_4191	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4192	0.498614361	-2.095423e-01	-0.399005150
## FALSE_4193	0.498614361	-1.052823e-01	-0.399005150
## FALSE_4194	0.798985549	-2.356492e-02	-0.399005150
## FALSE_4195	0.198243174	1.061303e+00	0.385191606
## FALSE_4196	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4197	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4198	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4199	2.000470298	1.313357e-01	-0.399005150
## FALSE_4200	0.198243174	1.990444e-01	-0.399005150
## TRUE_4201	1.700099111	-1.362785e-01	-0.399005150
## FALSE_4202	-0.102128014	1.291561e+00	1.953585117
## FALSE_4203	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_4204	-0.102128014	3.560971e-02	1.169388361
## FALSE_4205	1.700099111	3.666396e+00	-0.399005150
## FALSE_4206	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4207	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4208	0.498614361	2.525833e-01	-0.399005150
## FALSE_4209	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_4210	2.300841486	3.258472e-01	-0.399005150
## FALSE_4211	-0.402499201	-2.236315e-01	0.385191606
## FALSE_4212	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4213	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4214	2.000470298	7.612034e-01	-0.399005150
## FALSE_4215	1.700099111	1.352104e+00	-0.399005150
## FALSE_4216	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_4217	2.000470298	3.293032e+00	-0.399005150
## FALSE_4218	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4219	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4220	1.700099111	1.414472e+00	5.874568895
## FALSE_4221	-0.102128014	1.877730e-01	3.521978628
## FALSE_4222	0.198243174	-3.645235e-01	-0.399005150
## FALSE_4223	-0.102128014	-2.067245e-01	-0.399005150
## TRUE_4224	0.198243174	-1.278250e-01	-0.399005150
## FALSE_4225	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4226	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_4227	0.798985549	3.264854e+00	1.953585117
## FALSE_4228	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4229	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4230	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4231	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4232	-0.402499201	-3.250737e-01	-0.399005150
## FALSE_4233	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4234	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4235	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4236	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4237	0.498614361	9.993108e-01	0.385191606
## FALSE_4238	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4239	0.498614361	-2.010888e-01	0.385191606
## FALSE_4240	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4241	3.802697423	2.874096e+00	-0.399005150
## FALSE_4242	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4243	1.700099111	8.293012e-01	0.385191606
## FALSE_4244	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4245	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4246	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4247	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4248	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4249	-0.402499201	-3.588878e-01	-0.399005150
## TRUE_4250	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4251	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4252	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4253	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4254	0.498614361	7.851550e-01	-0.399005150
## TRUE_4255	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4256	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4257	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4258	3.802697423	1.626421e+00	9.011355917
## FALSE_4259	1.099356736	-2.664627e-01	-0.399005150
## TRUE_4260	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4261	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4262	1.099356736	6.686843e-01	-0.399005150
## FALSE_4263	1.399727924	7.475838e-01	3.521978628
## FALSE_4264	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4265	2.000470298	7.141455e-01	-0.399005150
## FALSE_4266	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4267	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4268	2.000470298	3.931868e+00	2.737781872
## FALSE_4269	-0.402499201	-4.067911e-01	-0.399005150
## FALSE_4270	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4271	1.700099111	5.101339e-01	-0.399005150
## FALSE_4272	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4273	2.000470298	-9.914932e-02	0.385191606
## FALSE_4274	0.498614361	4.446661e-01	0.385191606
## FALSE_4275	0.798985549	-1.109179e-01	-0.399005150
## FALSE_4276	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4277	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4278	-0.102128014	-8.273955e-02	-0.399005150
## FALSE_4279	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4280	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4281	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4282	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4283	0.798985549	1.019036e+00	-0.399005150
## FALSE_4284	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4285	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4286	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4287	-0.102128014	-2.377207e-01	2.737781872
## FALSE_4288	0.498614361	2.997403e-02	-0.399005150
## FALSE_4289	0.498614361	9.147756e-01	-0.399005150
## FALSE_4290	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4291	-0.402499201	-3.419808e-01	-0.399005150
## FALSE_4292	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4293	2.300841486	1.190924e+00	-0.399005150
## FALSE_4294	1.399727924	1.459245e+00	1.169388361
## FALSE_4295	0.198243174	-2.884418e-01	-0.399005150
## FALSE_4296	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_4297	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4298	0.498614361	4.406323e-02	-0.399005150
## TRUE_4299	1.700099111	3.121807e-01	-0.399005150
## FALSE_4300	1.399727924	4.272894e-01	0.385191606
## TRUE_4301	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4302	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4303	0.498614361	-2.067245e-01	-0.399005150
## FALSE_4304	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4305	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4306	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4307	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4308	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4309	-0.102128014	3.560971e-02	-0.399005150
## FALSE_4310	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4311	-0.402499201	2.997403e-02	-0.399005150
## FALSE_4312	0.198243174	1.370519e-01	-0.399005150
## TRUE_4313	2.000470298	3.633239e+00	-0.399005150
## FALSE_4314	-0.402499201	-4.152446e-01	-0.399005150
## FALSE_4315	-0.402499201	-2.142387e-01	-0.399005150
## FALSE_4316	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4317	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4318	3.502326235	6.651427e+00	9.011355917
## FALSE_4319	0.198243174	-4.328980e-02	-0.399005150
## FALSE_4320	-0.102128014	-1.278250e-01	-0.399005150
## FALSE_4321	-0.102128014	-2.799883e-01	1.169388361
## FALSE_4322	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4323	1.399727924	2.356763e-01	-0.399005150
## FALSE_4324	0.498614361	-1.221893e-01	1.169388361
## FALSE_4325	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4326	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4327	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4328	1.099356736	8.020620e-01	-0.399005150
## FALSE_4329	1.700099111	-5.643971e-02	-0.399005150
## FALSE_4330	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4331	-0.102128014	-3.025310e-01	-0.399005150
## FALSE_4332	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4333	0.498614361	-1.137358e-01	-0.399005150
## FALSE_4334	-0.402499201	-4.490587e-01	0.385191606
## FALSE_4335	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4336	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4337	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4338	4.103068610	3.882524e+00	-0.399005150
## FALSE_4339	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4340	-0.402499201	1.088735e-01	-0.399005150
## FALSE_4341	1.099356736	5.927905e-01	-0.399005150
## FALSE_4342	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4343	-0.102128014	-1.588212e-01	-0.399005150
## FALSE_4344	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4345	0.498614361	5.552754e-03	-0.399005150
## TRUE_4346	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4347	2.300841486	8.747623e-01	-0.399005150
## FALSE_4348	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4349	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4350	0.798985549	-2.405386e-01	1.169388361
## FALSE_4351	-0.402499201	6.329917e-01	-0.399005150
## FALSE_4352	-0.102128014	-2.123602e-01	-0.399005150
## FALSE_4353	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4354	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4355	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4356	2.000470298	1.929198e+00	-0.399005150
## FALSE_4357	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4358	1.700099111	-1.081001e-01	-0.399005150
## FALSE_4359	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4360	0.498614361	2.976688e-01	1.169388361
## FALSE_4361	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4362	1.099356736	9.697235e-01	1.953585117
## FALSE_4363	0.798985549	-3.013988e-02	1.169388361
## FALSE_4364	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4365	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4366	0.498614361	4.301072e-01	-0.399005150
## FALSE_4367	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4368	0.198243174	-1.616391e-01	-0.399005150
## TRUE_4369	1.399727924	4.484232e-01	0.385191606
## FALSE_4370	-0.102128014	2.196893e+00	3.521978628
## FALSE_4371	2.300841486	-1.081001e-01	0.385191606
## FALSE_4372	0.198243174	3.033045e-01	-0.399005150
## TRUE_4373	-0.702870388	-4.603300e-01	0.385191606
## TRUE_4374	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4375	0.198243174	-9.475723e-03	0.385191606
## FALSE_4376	0.498614361	-3.765412e-02	-0.399005150
## FALSE_4377	-0.102128014	-1.390963e-01	-0.399005150
## FALSE_4378	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4379	1.099356736	-3.765412e-02	-0.399005150
## TRUE_4380	-0.402499201	4.124539e-02	-0.399005150
## FALSE_4381	3.201955048	1.304150e+00	2.737781872
## TRUE_4382	0.198243174	3.149515e-01	1.169388361
## FALSE_4383	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4384	0.798985549	-1.950506e-01	-0.399005150
## TRUE_4385	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4386	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4387	1.099356736	2.835796e-01	0.385191606
## FALSE_4388	0.198243174	-2.010888e-01	1.953585117
## FALSE_4389	-0.102128014	1.078210e+00	0.385191606
## FALSE_4390	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4391	0.198243174	1.314163e-01	-0.399005150
## FALSE_4392	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_4393	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4394	0.198243174	1.539590e-01	-0.399005150
## FALSE_4395	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4396	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_4397	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4398	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4399	-0.102128014	-4.603300e-01	-0.399005150
## FALSE_4400	0.198243174	1.823059e+00	1.169388361

## FALSE_4401	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4402	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4403	0.198243174	-3.171838e-01	-0.399005150
## FALSE_4404	-0.402499201	-1.672747e-01	-0.399005150
## FALSE_4405	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4406	0.498614361	5.202781e-01	-0.399005150
## FALSE_4407	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4408	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4409	2.000470298	1.830104e+00	-0.399005150
## FALSE_4410	-0.402499201	-4.242617e-01	-0.399005150
## FALSE_4411	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4412	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4413	-0.402499201	-3.588878e-01	-0.399005150
## FALSE_4414	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4415	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4416	-0.402499201	-1.052823e-01	-0.399005150
## FALSE_4417	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4418	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4419	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4420	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4421	-0.102128014	5.484565e-01	0.385191606
## TRUE_4422	1.399727924	1.068818e+00	-0.399005150
## FALSE_4423	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4424	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4425	1.399727924	1.117660e+00	-0.399005150
## FALSE_4426	0.198243174	4.864640e-01	0.385191606
## FALSE_4427	0.198243174	-1.898174e-01	-0.399005150
## FALSE_4428	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4429	1.700099111	3.338118e+00	-0.399005150
## FALSE_4430	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4431	1.399727924	-2.320850e-01	-0.399005150
## FALSE_4432	-0.102128014	4.160927e+00	-0.399005150
## FALSE_4433	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4434	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4435	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4436	0.498614361	1.257806e-01	0.385191606
## FALSE_4437	-0.402499201	1.483233e-01	-0.399005150
## FALSE_4438	0.498614361	-9.682875e-02	-0.399005150
## FALSE_4439	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4440	-0.402499201	-3.588878e-01	-0.399005150
## FALSE_4441	2.000470298	9.816523e-01	-0.399005150
## FALSE_4442	0.198243174	7.175269e-01	-0.399005150
## FALSE_4443	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4444	-0.402499201	-2.518099e-01	-0.399005150
## FALSE_4445	5.905295735	1.053645e+01	0.385191606
## TRUE_4446	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4447	1.099356736	-6.301467e-02	1.169388361
## FALSE_4448	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4449	-0.402499201	2.835796e-01	-0.399005150
## FALSE_4450	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4451	3.201955048	1.335875e+00	0.385191606
## FALSE_4452	2.000470298	9.728908e-02	0.385191606
## FALSE_4453	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4454	0.798985549	7.541588e-01	-0.399005150

## TRUE_4455	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4456	-0.102128014	-3.645235e-01	1.169388361
## FALSE_4457	3.802697423	1.597319e+00	2.737781872
## FALSE_4458	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4459	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4460	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4461	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4462	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4463	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4464	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4465	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4466	0.498614361	1.306699e-02	1.953585117
## FALSE_4467	0.198243174	2.103158e-01	-0.399005150
## FALSE_4468	0.798985549	1.494555e-02	0.385191606
## FALSE_4469	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4470	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4471	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4472	0.198243174	2.046801e-01	-0.399005150
## FALSE_4473	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4474	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4475	0.498614361	-2.574456e-01	-0.399005150
## FALSE_4476	1.099356736	1.483233e-01	1.169388361
## FALSE_4477	-0.102128014	-4.039732e-01	0.385191606
## FALSE_4478	0.198243174	1.664321e+00	-0.399005150
## FALSE_4479	-0.102128014	-2.743526e-01	-0.399005150
## FALSE_4480	0.498614361	4.132002e-01	-0.399005150
## FALSE_4481	0.198243174	-3.645235e-01	-0.399005150
## TRUE_4482	0.798985549	3.061223e-01	-0.399005150
## FALSE_4483	-0.402499201	-4.377873e-01	-0.399005150
## TRUE_4484	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4485	1.099356736	9.666290e-02	0.385191606
## FALSE_4486	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4487	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4488	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4489	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4490	-0.402499201	-2.179958e-01	-0.399005150
## FALSE_4491	2.901583861	3.109873e+00	-0.399005150
## FALSE_4492	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4493	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4494	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4495	-0.402499201	-3.307094e-01	1.169388361
## FALSE_4496	-0.702870388	-4.603300e-01	1.953585117
## FALSE_4497	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4498	-0.102128014	-2.067245e-01	1.169388361
## TRUE_4499	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4500	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4501	-0.102128014	-1.729104e-01	-0.399005150
## FALSE_4502	0.798985549	-1.935746e-01	-0.399005150
## FALSE_4503	0.198243174	-4.610764e-02	5.874568895
## FALSE_4504	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4505	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4506	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4507	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4508	0.798985549	1.586554e-01	0.385191606

## FALSE_4509	0.198243174	3.701055e+00	-0.399005150
## FALSE_4510	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4511	1.700099111	5.437601e-01	0.385191606
## FALSE_4512	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4513	0.498614361	5.160513e-01	-0.399005150
## FALSE_4514	-0.702870388	-4.603300e-01	1.953585117
## FALSE_4515	1.099356736	1.173271e-01	0.385191606
## FALSE_4516	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4517	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4518	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4519	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4520	1.099356736	1.125174e+00	1.953585117
## FALSE_4521	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4522	0.198243174	-3.765412e-02	-0.399005150
## FALSE_4523	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4524	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4525	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4526	0.198243174	2.442045e+00	-0.399005150
## FALSE_4527	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4528	0.198243174	6.386274e-01	-0.399005150
## FALSE_4529	-0.102128014	-2.837454e-01	1.169388361
## FALSE_4530	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4531	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4532	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4533	0.498614361	5.709992e-01	0.385191606
## FALSE_4534	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4535	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4536	2.601212673	5.536032e+00	0.385191606
## FALSE_4537	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4538	2.000470298	7.133940e-01	-0.399005150
## FALSE_4539	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4540	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4541	0.198243174	-3.786127e-01	-0.399005150
## FALSE_4542	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4543	0.498614361	1.708660e-01	-0.399005150
## FALSE_4544	0.498614361	1.201449e-01	-0.399005150
## FALSE_4545	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4546	0.798985549	-6.865035e-02	-0.399005150
## FALSE_4547	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4548	0.198243174	1.425368e+00	-0.399005150
## FALSE_4549	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4550	-0.102128014	-2.968953e-01	0.385191606
## FALSE_4551	0.798985549	1.883992e-01	1.169388361
## FALSE_4552	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4553	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4554	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4555	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4556	-0.102128014	-1.691533e-01	-0.399005150
## FALSE_4557	0.798985549	-1.849281e-02	-0.399005150
## TRUE_4558	-0.102128014	-1.334607e-01	-0.399005150
## FALSE_4559	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4560	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4561	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4562	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4563	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4564	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4565	1.700099111	-1.743193e-01	0.385191606
## FALSE_4566	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4567	0.498614361	-3.757949e-01	0.385191606
## FALSE_4568	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4569	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4570	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4571	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4572	0.498614361	9.924592e-02	-0.399005150
## FALSE_4573	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4575	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4576	0.198243174	9.760218e-02	-0.399005150
## FALSE_4577	1.399727924	3.057461e+00	1.953585117
## FALSE_4578	0.198243174	8.069514e-02	-0.399005150
## FALSE_4579	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4580	1.099356736	6.750521e+00	-0.399005150
## FALSE_4581	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4582	0.198243174	-2.687170e-01	0.385191606
## FALSE_4583	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4584	-0.402499201	5.202781e-01	-0.399005150
## FALSE_4585	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4586	1.099356736	-1.831486e-01	-0.399005150
## FALSE_4587	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4588	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4589	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4590	2.300841486	8.800223e-01	1.169388361
## TRUE_4591	-0.102128014	-3.757949e-01	-0.399005150
## TRUE_4592	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4593	0.798985549	5.533458e-02	-0.399005150
## TRUE_4594	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4595	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4596	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4597	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4598	1.700099111	8.274226e-01	-0.399005150
## FALSE_4599	2.300841486	1.050971e+00	-0.399005150
## FALSE_4600	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4601	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4602	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4603	-0.402499201	-1.560034e-01	-0.399005150
## FALSE_4604	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4605	1.399727924	3.725713e-01	1.169388361
## FALSE_4606	0.498614361	3.385945e-01	-0.399005150
## FALSE_4607	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4608	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4609	2.601212673	3.119166e-03	-0.399005150
## FALSE_4610	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4611	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4612	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4613	1.399727924	7.425117e-01	-0.399005150
## TRUE_4614	0.798985549	5.315495e-01	-0.399005150
## FALSE_4615	0.798985549	2.098268e+00	0.385191606
## FALSE_4616	4.103068610	1.308522e+00	1.953585117

## FALSE_4617	0.198243174	-3.183109e-01	-0.399005150
## FALSE_4618	0.198243174	3.962932e-01	-0.399005150
## FALSE_4619	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4620	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4621	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4622	-0.402499201	-2.334940e-01	-0.399005150
## FALSE_4623	0.198243174	-2.377207e-01	1.169388361
## FALSE_4624	-0.402499201	-2.856240e-01	1.169388361
## FALSE_4625	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4626	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4627	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4628	0.798985549	-2.010888e-01	0.385191606
## FALSE_4629	-0.402499201	-2.799883e-01	-0.399005150
## FALSE_4630	0.798985549	-2.137691e-01	0.385191606
## FALSE_4631	0.498614361	5.653635e-01	-0.399005150
## FALSE_4632	0.798985549	9.418269e-01	2.737781872
## FALSE_4633	-0.402499201	-3.757949e-01	0.385191606
## FALSE_4634	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4635	3.201955048	6.060617e-01	1.953585117
## FALSE_4636	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4637	0.498614361	4.575393e-02	0.385191606
## FALSE_4638	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4639	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4640	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_4642	0.198243174	-1.127965e-01	-0.399005150
## FALSE_4643	-0.402499201	1.088735e-01	-0.399005150
## FALSE_4644	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4645	-0.402499201	1.802588e-01	0.385191606
## FALSE_4646	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4647	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4648	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4649	-0.402499201	-3.513736e-01	0.385191606
## FALSE_4650	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4651	0.498614361	-3.765412e-02	-0.399005150
## FALSE_4652	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4653	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4654	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4655	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4656	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4657	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4658	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4659	0.198243174	-1.729104e-01	1.953585117
## FALSE_4660	1.399727924	5.118429e+00	-0.399005150
## FALSE_4661	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4662	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_4663	-0.102128014	-7.898243e-02	0.385191606
## FALSE_4664	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4665	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4666	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4667	0.498614361	1.219102e+00	0.385191606
## FALSE_4668	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4669	-0.102128014	1.426876e-01	-0.399005150
## FALSE_4670	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4671	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4672	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4673	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4674	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4675	0.198243174	-1.165536e-01	-0.399005150
## FALSE_4676	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4677	0.798985549	-3.262226e-02	-0.399005150
## FALSE_4678	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4679	0.198243174	-2.489921e-01	-0.399005150
## FALSE_4680	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4681	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4682	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4683	-0.402499201	-2.574456e-01	-0.399005150
## FALSE_4684	0.798985549	2.356763e-01	1.169388361
## TRUE_4685	-0.402499201	1.934087e-01	-0.399005150
## FALSE_4686	1.700099111	2.593462e-01	1.953585117
## FALSE_4687	-0.102128014	-1.560034e-01	-0.399005150
## FALSE_4688	-0.102128014	-3.250737e-01	-0.399005150
## FALSE_4689	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_4690	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4691	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4692	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4693	1.099356736	9.572362e-02	1.953585117
## FALSE_4694	-0.402499201	-2.856240e-01	1.169388361
## FALSE_4695	0.498614361	3.230293e-01	0.385191606
## TRUE_4696	-0.402499201	-3.250737e-01	0.385191606
## FALSE_4697	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_4698	-0.702870388	-4.603300e-01	1.169388361
## TRUE_4699	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4700	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4701	-0.402499201	-4.490587e-01	-0.399005150
## FALSE_4702	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4703	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4704	1.099356736	3.371185e-01	1.953585117
## FALSE_4705	-0.102128014	2.433835e-02	-0.399005150
## FALSE_4706	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4707	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4708	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4709	1.399727924	3.845522e-01	-0.399005150
## FALSE_4710	-0.402499201	-3.419808e-01	-0.399005150
## TRUE_4711	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4712	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_4713	1.700099111	-3.114542e-01	0.385191606
## FALSE_4714	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4715	-0.102128014	-1.851210e-01	4.306175383
## FALSE_4716	0.498614361	3.915214e-02	-0.399005150
## FALSE_4717	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4718	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4719	-0.102128014	-1.672747e-01	-0.399005150
## FALSE_4720	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4721	1.399727924	2.103158e-01	-0.399005150
## FALSE_4722	0.198243174	-2.405386e-01	-0.399005150
## FALSE_4723	2.901583861	-2.587671e-03	-0.399005150
## FALSE_4724	-0.702870388	-4.603300e-01	0.385191606

## TRUE_4725	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4726	0.498614361	5.439530e-02	-0.399005150
## FALSE_4727	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4728	2.000470298	5.618412e-01	-0.399005150
## FALSE_4729	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4730	0.498614361	1.877730e-01	-0.399005150
## FALSE_4731	-0.402499201	-3.645235e-01	-0.399005150
## FALSE_4732	0.198243174	-4.328980e-02	-0.399005150
## FALSE_4733	1.099356736	3.033045e-01	-0.399005150
## FALSE_4734	-0.702870388	-4.659657e-01	-0.399005150
## TRUE_4735	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4736	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4737	1.099356736	2.701286e+00	-0.399005150
## FALSE_4738	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4739	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4740	0.798985549	-1.221893e-01	0.385191606
## FALSE_4741	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4742	0.498614361	1.840159e-01	-0.399005150
## TRUE_4743	-0.102128014	-6.583251e-02	-0.399005150
## FALSE_4744	0.498614361	3.699933e-01	-0.399005150
## FALSE_4745	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_4746	-0.402499201	-1.447320e-01	-0.399005150
## FALSE_4747	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4748	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4749	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4750	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4751	1.099356736	1.760691e+00	2.737781872
## FALSE_4752	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4753	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4754	-0.102128014	-1.436049e-01	-0.399005150
## FALSE_4755	1.099356736	1.264210e-01	1.953585117
## FALSE_4756	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4757	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4758	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4759	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4760	-0.702870388	-4.603300e-01	1.953585117
## FALSE_4761	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4762	0.798985549	5.304970e+00	-0.399005150
## FALSE_4763	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4764	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4765	0.798985549	1.463691e+00	-0.399005150
## FALSE_4766	1.700099111	1.991786e-01	1.169388361
## FALSE_4767	0.198243174	3.850218e-01	-0.399005150
## FALSE_4768	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4769	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4770	1.099356736	2.071499e+00	-0.399005150
## FALSE_4771	-0.102128014	-3.814305e-01	1.169388361
## FALSE_4772	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4773	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4774	-0.702870388	-4.603300e-01	1.169388361
## TRUE_4775	1.700099111	2.225264e-01	-0.399005150
## FALSE_4776	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4777	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4778	2.000470298	3.638880e-01	-0.399005150

## FALSE_4779	1.399727924	8.527832e-01	-0.399005150
## FALSE_4780	-0.102128014	3.004866e-01	-0.399005150
## FALSE_4781	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4782	-0.102128014	2.554012e-01	-0.399005150
## FALSE_4783	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4784	0.798985549	8.053495e-01	3.521978628
## FALSE_4785	-0.402499201	-3.307094e-01	-0.399005150
## FALSE_4786	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4787	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4788	2.300841486	1.050032e+00	1.169388361
## FALSE_4789	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4790	-0.402499201	-3.701592e-01	-0.399005150
## FALSE_4791	-0.102128014	-1.503677e-01	0.385191606
## FALSE_4792	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4793	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4794	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4795	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4796	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4797	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4798	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4799	-0.402499201	-4.603300e-01	1.953585117
## FALSE_4800	0.198243174	-2.743526e-01	-0.399005150
## FALSE_4801	-0.402499201	-3.757949e-01	0.385191606
## FALSE_4802	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4803	0.498614361	-1.988345e-01	-0.399005150
## FALSE_4804	2.901583861	3.327383e+00	1.169388361
## FALSE_4805	0.198243174	2.946438e+00	4.306175383
## FALSE_4806	-0.402499201	4.688107e-02	-0.399005150
## FALSE_4807	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4808	1.399727924	6.001169e-01	-0.399005150
## FALSE_4809	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4810	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4811	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4812	0.498614361	1.795635e-03	-0.399005150
## FALSE_4813	-0.402499201	5.428208e-01	-0.399005150
## FALSE_4814	0.498614361	5.371851e-01	-0.399005150
## FALSE_4815	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4816	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4817	0.798985549	1.169113e+01	1.169388361
## FALSE_4818	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4819	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4820	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4821	0.798985549	1.342341e-01	-0.399005150
## TRUE_4822	1.099356736	2.220844e+00	0.385191606
## FALSE_4823	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4824	-0.402499201	-2.912597e-01	-0.399005150
## FALSE_4825	1.099356736	-1.454783e-02	-0.399005150
## FALSE_4826	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4827	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4828	-0.402499201	-2.687170e-01	-0.399005150
## FALSE_4829	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4830	1.099356736	2.893462e+00	1.953585117
## FALSE_4831	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4832	1.399727924	-4.328980e-02	1.953585117

## FALSE_4833	1.099356736	7.344339e-01	0.385191606
## TRUE_4834	0.198243174	-3.051610e-01	0.385191606
## TRUE_4835	0.498614361	2.925027e-01	1.169388361
## FALSE_4836	2.601212673	3.080009e-01	1.169388361
## FALSE_4837	2.000470298	1.891157e+00	-0.399005150
## FALSE_4838	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4839	-0.402499201	-1.447320e-01	-0.399005150
## FALSE_4840	0.498614361	-2.320850e-01	-0.399005150
## FALSE_4841	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4842	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4843	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4844	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4845	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4846	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4847	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_4848	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4849	-0.402499201	4.688107e-02	-0.399005150
## FALSE_4850	1.700099111	1.849552e-01	-0.399005150
## FALSE_4851	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4852	1.099356736	2.433471e-01	1.953585117
## FALSE_4853	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4854	0.198243174	-1.560034e-01	-0.399005150
## FALSE_4855	-0.102128014	-1.916960e-01	-0.399005150
## FALSE_4856	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4857	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4858	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4859	0.198243174	-1.221893e-01	-0.399005150
## TRUE_4860	0.798985549	8.710991e-01	-0.399005150
## FALSE_4861	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4862	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_4863	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4864	-0.102128014	-1.390963e-01	-0.399005150
## FALSE_4865	1.700099111	-1.343999e-01	0.385191606
## FALSE_4866	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4867	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4868	1.700099111	2.019956e+00	5.090372139
## FALSE_4869	6.506038110	1.178866e+00	4.306175383
## FALSE_4870	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4871	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4872	0.498614361	-9.475723e-03	-0.399005150
## TRUE_4873	-0.102128014	-3.645235e-01	-0.399005150
## FALSE_4874	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4875	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4876	-0.702870388	-4.603300e-01	0.385191606
## TRUE_4877	-0.102128014	3.388839e+00	-0.399005150
## FALSE_4878	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4879	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_4880	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4881	0.498614361	5.251675e-02	1.953585117
## FALSE_4882	-0.102128014	1.911544e-01	1.169388361
## FALSE_4883	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4884	1.399727924	5.024318e-01	0.385191606
## TRUE_4885	1.399727924	-8.273955e-02	1.169388361
## FALSE_4886	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4887	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4888	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4889	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4890	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4891	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4892	-0.102128014	-2.208137e-01	-0.399005150
## FALSE_4893	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4894	-0.102128014	-4.377873e-01	-0.399005150
## FALSE_4895	2.000470298	1.338315e-01	0.385191606
## FALSE_4896	-0.402499201	-3.363451e-01	-0.399005150
## FALSE_4897	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4898	-0.402499201	-2.074708e-02	0.385191606
## FALSE_4899	1.700099111	6.536558e-01	-0.399005150
## FALSE_4900	0.198243174	3.737504e-01	1.169388361
## FALSE_4901	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4902	-0.102128014	-4.603300e-01	-0.399005150
## FALSE_4903	-0.102128014	-3.048792e-01	-0.399005150
## FALSE_4904	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4905	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4906	-0.702870388	-4.603300e-01	1.169388361
## TRUE_4907	-0.702870388	-4.603300e-01	1.953585117
## FALSE_4908	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4909	-0.402499201	-3.814305e-01	0.385191606
## FALSE_4910	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4911	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4912	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4913	0.798985549	-8.292463e-05	-0.399005150
## FALSE_4914	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4915	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4916	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4917	0.198243174	-1.954531e-01	-0.399005150
## TRUE_4918	-0.402499201	-1.503677e-01	1.169388361
## FALSE_4919	0.198243174	2.188439e+00	-0.399005150
## FALSE_4920	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4921	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4922	0.798985549	-4.610764e-02	0.385191606
## FALSE_4923	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4924	0.198243174	2.173604e-01	3.521978628
## FALSE_4925	0.198243174	4.233444e-01	2.737781872
## FALSE_4926	0.498614361	1.889748e+00	-0.399005150
## FALSE_4927	-0.402499201	-4.208803e-01	-0.399005150
## TRUE_4928	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4929	-0.102128014	-3.983376e-01	0.385191606
## TRUE_4930	0.198243174	1.150347e+00	0.385191606
## FALSE_4931	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4932	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4933	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_4934	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4935	-0.402499201	-3.025310e-01	-0.399005150
## FALSE_4936	-0.102128014	6.144686e+00	-0.399005150
## TRUE_4937	0.798985549	6.696236e-01	-0.399005150
## FALSE_4938	0.798985549	8.767348e-01	-0.399005150
## FALSE_4939	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4940	1.399727924	7.851550e-01	-0.399005150

## FALSE_4941	3.201955048	2.983335e+00	5.090372139
## FALSE_4942	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4943	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4944	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4945	-0.702870388	-4.603300e-01	1.953585117
## FALSE_4946	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4947	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4948	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4949	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4950	-0.402499201	-3.645235e-01	2.737781872
## FALSE_4951	1.700099111	8.020620e-01	-0.399005150
## FALSE_4952	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_4953	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4954	-0.402499201	-3.814305e-01	0.385191606
## TRUE_4955	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4956	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4957	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4958	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4959	2.300841486	2.845830e+00	1.953585117
## FALSE_4960	0.198243174	-3.814305e-01	-0.399005150
## TRUE_4961	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4962	2.300841486	1.587300e+00	-0.399005150
## FALSE_4963	2.300841486	4.120261e-01	1.169388361
## TRUE_4964	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4965	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4966	-0.402499201	-3.617057e-01	-0.399005150
## FALSE_4967	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4968	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4969	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4970	2.000470298	5.749911e-01	0.385191606
## FALSE_4971	-0.402499201	-2.743526e-01	0.385191606
## FALSE_4972	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4973	0.198243174	1.708660e-01	-0.399005150
## FALSE_4974	-0.402499201	-3.201844e-02	-0.399005150
## FALSE_4975	4.703810985	9.808070e-01	-0.399005150
## FALSE_4976	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4977	0.198243174	7.431314e-03	-0.399005150
## FALSE_4978	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4979	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4980	-0.402499201	-1.729104e-01	-0.399005150
## FALSE_4981	2.901583861	6.331959e-01	1.953585117
## FALSE_4982	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4983	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4984	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4985	-0.402499201	-1.390963e-01	1.953585117
## TRUE_4986	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4987	-0.102128014	-3.955197e-01	-0.399005150
## FALSE_4988	-0.402499201	-4.096089e-01	0.385191606
## FALSE_4989	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4990	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4991	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4992	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4993	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4994	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4995	-0.102128014	-3.757949e-01	-0.399005150
## FALSE_4996	1.700099111	6.743200e-01	1.169388361
## TRUE_4997	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4998	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4999	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5000	0.198243174	-3.138024e-01	-0.399005150
## FALSE_5001	1.399727924	2.990777e-01	-0.399005150
## FALSE_5002	-0.102128014	-3.701592e-01	-0.399005150
## FALSE_5003	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5004	0.498614361	1.934087e-01	0.385191606
## FALSE_5005	0.198243174	-2.236315e-01	-0.399005150
## FALSE_5006	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5007	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5008	-0.102128014	-2.968953e-01	0.385191606
## FALSE_5009	-0.102128014	-3.927019e-01	-0.399005150
## FALSE_5010	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5011	-0.402499201	-4.603300e-01	0.385191606
## FALSE_5012	-0.402499201	-2.179958e-01	-0.399005150
## FALSE_5013	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5014	0.198243174	1.483233e-01	-0.399005150
## FALSE_5015	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5016	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5017	0.198243174	-1.390963e-01	0.385191606
## FALSE_5018	1.099356736	1.595946e-01	-0.399005150
## FALSE_5019	2.901583861	1.290300e+00	-0.399005150
## FALSE_5020	0.498614361	3.479010e+00	-0.399005150
## FALSE_5021	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5022	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5023	1.700099111	2.152051e-02	-0.399005150
## FALSE_5024	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_5025	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_5026	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5027	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5028	-0.102128014	9.373183e-01	0.385191606
## TRUE_5029	0.198243174	-1.616391e-01	1.169388361
## FALSE_5030	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5031	2.000470298	1.590353e+00	-0.399005150
## FALSE_5032	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5033	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5034	-0.402499201	1.877730e-01	-0.399005150
## FALSE_5035	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5036	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_5037	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_5038	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5039	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5040	1.700099111	1.086664e+00	-0.399005150
## FALSE_5041	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5042	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5043	-0.102128014	5.428208e-01	-0.399005150
## FALSE_5044	1.099356736	-3.645235e-01	-0.399005150
## FALSE_5045	0.798985549	-2.074708e-02	-0.399005150
## FALSE_5046	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5047	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5048	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_5049	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5050	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5051	0.798985549	5.991776e-01	-0.399005150
## FALSE_5052	-0.402499201	-4.659657e-01	-0.399005150
## FALSE_5053	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5054	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5055	0.798985549	-3.765412e-02	-0.399005150
## FALSE_5056	0.498614361	-2.444522e-01	-0.399005150
## FALSE_5057	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5058	0.798985549	2.741868e-01	0.385191606
## FALSE_5059	-0.402499201	-3.025310e-01	-0.399005150
## FALSE_5060	-0.402499201	1.078210e+00	1.169388361
## FALSE_5061	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5062	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5063	1.099356736	4.124539e-02	0.385191606
## FALSE_5064	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5065	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5066	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5067	0.798985549	2.835549e-01	-0.399005150
## FALSE_5068	0.498614361	3.718719e-01	1.169388361
## TRUE_5069	-0.402499201	-3.560700e-01	-0.399005150
## TRUE_5070	-0.102128014	-2.074708e-02	-0.399005150
## FALSE_5071	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5072	0.198243174	-3.138024e-01	-0.399005150
## TRUE_5073	2.000470298	9.457719e-01	-0.399005150
## FALSE_5074	1.399727924	1.545972e+00	0.385191606
## FALSE_5075	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5076	-0.102128014	-3.194381e-01	-0.399005150
## FALSE_5077	1.099356736	4.952933e-01	-0.399005150
## FALSE_5078	1.099356736	-1.995518e-01	-0.399005150
## FALSE_5079	0.498614361	-4.141124e-02	1.953585117
## FALSE_5080	4.403439798	1.435730e+01	18.421716983
## FALSE_5081	0.198243174	5.815242e-02	-0.399005150
## FALSE_5082	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5083	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5084	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5085	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5086	-0.102128014	-1.229356e-02	1.169388361
## FALSE_5087	-0.102128014	-6.207539e-02	0.385191606
## FALSE_5088	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5089	2.000470298	3.850218e-01	-0.399005150
## FALSE_5090	-0.102128014	-1.982710e-01	0.385191606
## FALSE_5091	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5092	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5093	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5094	-0.402499201	-2.123602e-01	-0.399005150
## FALSE_5095	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5096	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5097	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5098	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5099	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5101	-0.102128014	-2.799883e-01	-0.399005150
## TRUE_5102	1.399727924	5.343673e-01	-0.399005150

## FALSE_5103	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5107	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5110	2.000470298	-9.119307e-02	-0.399005150
## FALSE_5111	-0.102128014	1.116914e-01	-0.399005150
## FALSE_5112	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5113	2.000470298	2.991716e-01	-0.399005150
## FALSE_5114	0.198243174	4.357429e-01	1.169388361
## FALSE_5115	0.498614361	5.815242e-02	-0.399005150
## TRUE_5116	1.399727924	5.944812e-01	1.169388361
## FALSE_5117	-0.402499201	-2.884418e-01	0.385191606
## TRUE_5118	0.798985549	-2.010888e-01	-0.399005150
## TRUE_5119	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5120	-0.402499201	-4.011554e-01	-0.399005150
## FALSE_5121	-0.402499201	-4.321516e-01	1.953585117
## FALSE_5122	2.000470298	2.388506e+00	-0.399005150
## FALSE_5123	0.198243174	3.173937e-01	1.169388361
## FALSE_5124	-0.402499201	-3.955197e-01	-0.399005150
## FALSE_5125	-0.102128014	7.964264e-01	-0.399005150
## FALSE_5126	-0.402499201	6.942378e-02	-0.399005150
## FALSE_5127	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5129	1.099356736	3.504370e+00	1.953585117
## FALSE_5130	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5131	-0.102128014	-2.518099e-01	-0.399005150
## TRUE_5132	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5133	0.798985549	1.373144e+00	2.737781872
## TRUE_5134	1.700099111	6.118579e-01	0.385191606
## FALSE_5135	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5136	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5137	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5138	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5139	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5140	0.498614361	1.257806e-01	-0.399005150
## TRUE_5141	0.198243174	3.117580e-01	2.737781872
## FALSE_5142	0.198243174	1.088735e-01	-0.399005150
## FALSE_5143	3.802697423	6.060209e-01	5.874568895
## FALSE_5144	0.498614361	2.771976e-02	-0.399005150
## FALSE_5145	-0.402499201	-1.616391e-01	-0.399005150
## FALSE_5146	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5147	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5148	0.498614361	5.709992e-01	1.953585117
## FALSE_5149	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5150	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5151	0.198243174	8.832158e-01	-0.399005150
## FALSE_5152	-0.102128014	1.821374e-01	-0.399005150
## FALSE_5153	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5155	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5157	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5161	0.798985549	-1.644569e-01	-0.399005150
## FALSE_5162	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5163	2.300841486	6.700932e-01	0.385191606
## FALSE_5164	-0.402499201	-2.405386e-01	-0.399005150
## FALSE_5165	1.099356736	1.298002e+00	0.385191606
## FALSE_5166	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5167	-0.102128014	1.010582e+00	-0.399005150
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## TRUE_5174	-0.102128014	-2.123602e-01	-0.399005150
## FALSE_5175	0.798985549	-9.475723e-03	-0.399005150
## FALSE_5176	-0.702870388	-4.603300e-01	1.953585117
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## FALSE_5178	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_5179	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5180	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_5185	-0.102128014	-2.968953e-01	0.385191606
## FALSE_5186	-0.402499201	-2.912597e-01	1.953585117
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## FALSE_5189	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5191	-0.402499201	-3.701592e-01	0.385191606
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## FALSE_5198	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5199	-0.402499201	-1.898174e-01	-0.399005150
## FALSE_5200	1.399727924	7.524681e-01	-0.399005150
## TRUE_5201	0.198243174	-1.101128e-01	-0.399005150
## FALSE_5202	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5203	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5204	-0.402499201	-1.616391e-01	-0.399005150
## FALSE_5205	1.099356736	7.259804e-01	-0.399005150
## FALSE_5206	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5207	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5208	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5209	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5210	0.198243174	-2.898507e-01	-0.399005150

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## FALSE_5215	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5216	-0.702870388	-4.603300e-01	0.385191606
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## FALSE_5219	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5230	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5231	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5232	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5233	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5235	-0.402499201	1.877730e-01	-0.399005150
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## FALSE_5239	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_5240	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5242	0.798985549	-1.588212e-01	-0.399005150
## FALSE_5243	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5244	0.498614361	-1.019009e-01	-0.399005150
## FALSE_5245	-0.402499201	-2.638276e-02	-0.399005150
## FALSE_5246	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5247	-0.402499201	-2.912597e-01	0.385191606
## FALSE_5248	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5250	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5256	2.000470298	2.037919e+00	0.385191606
## FALSE_5257	-0.402499201	-2.757616e-01	0.385191606
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## FALSE_5259	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5260	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5261	-0.102128014	-1.729104e-01	1.169388361
## FALSE_5262	-0.402499201	-1.109179e-01	0.385191606
## FALSE_5263	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5264	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_5265	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5269	0.198243174	-2.123602e-01	-0.399005150
## FALSE_5270	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5281	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5282	0.498614361	6.697578e-01	-0.399005150
## FALSE_5283	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5284	-0.402499201	-4.321516e-01	0.385191606
## FALSE_5285	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5286	0.498614361	3.192722e-01	-0.399005150
## TRUE_5287	-0.102128014	4.301072e-01	-0.399005150
## FALSE_5288	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5289	-0.102128014	2.997403e-02	-0.399005150
## FALSE_5290	1.399727924	-1.043430e-01	-0.399005150
## FALSE_5291	1.700099111	-6.677179e-02	0.385191606
## FALSE_5292	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5293	1.099356736	1.303637e+00	1.169388361
## FALSE_5294	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5295	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5296	0.498614361	1.186362e+00	0.385191606
## FALSE_5297	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5304	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5309	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5310	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5311	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_5312	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5317	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5318	0.498614361	9.485897e-01	-0.399005150

## TRUE_5319	-0.402499201	4.688107e-02	0.385191606
## FALSE_5320	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5321	0.198243174	-2.074708e-02	-0.399005150
## FALSE_5322	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5323	2.601212673	3.890012e+00	1.169388361
## FALSE_5324	-0.402499201	-2.687170e-01	-0.399005150
## FALSE_5325	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5326	-0.102128014	7.505946e-02	1.953585117
## FALSE_5327	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5328	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5329	0.198243174	1.205952e+00	-0.399005150
## FALSE_5330	-0.402499201	-3.476165e-01	-0.399005150
## TRUE_5331	-0.102128014	-2.912597e-01	-0.399005150
## FALSE_5332	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5333	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5334	2.000470298	5.766349e-01	3.521978628
## FALSE_5335	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5336	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5337	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5338	0.498614361	-1.390963e-01	-0.399005150
## FALSE_5339	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5340	0.798985549	4.122609e-01	5.090372139
## FALSE_5341	-0.102128014	-2.067245e-01	1.169388361
## FALSE_5342	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5343	0.498614361	-2.856240e-01	0.385191606
## TRUE_5344	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_5345	-0.402499201	-2.687170e-01	-0.399005150
## FALSE_5346	1.099356736	6.680581e-01	1.169388361
## FALSE_5347	-0.102128014	-2.349029e-01	-0.399005150
## FALSE_5348	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5349	0.798985549	-2.705955e-01	-0.399005150
## FALSE_5350	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_5351	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5352	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5353	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5354	0.498614361	-3.241345e-01	-0.399005150
## FALSE_5355	2.000470298	6.353399e-01	1.169388361
## TRUE_5356	0.498614361	-1.334607e-01	-0.399005150
## FALSE_5357	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5358	-0.702870388	-4.603300e-01	0.385191606
## TRUE_5359	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_5360	-0.402499201	3.822040e-01	-0.399005150
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## TRUE_5362	-0.402499201	-2.799883e-01	-0.399005150
## FALSE_5363	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5364	0.198243174	1.126307e-01	-0.399005150
## FALSE_5365	-0.102128014	-1.278250e-01	-0.399005150
## FALSE_5366	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5367	0.498614361	1.323362e+00	-0.399005150
## FALSE_5368	2.000470298	1.282504e+00	-0.399005150
## FALSE_5369	0.198243174	-2.602634e-01	-0.399005150
## FALSE_5370	0.798985549	-6.865035e-02	2.737781872
## FALSE_5371	-0.102128014	-2.236315e-01	-0.399005150
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## FALSE_5373	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5375	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5382	1.399727924	-1.430413e-01	-0.399005150
## FALSE_5383	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5384	-0.402499201	-2.394114e-01	1.169388361
## TRUE_5385	0.198243174	4.462679e-02	-0.399005150
## FALSE_5386	-0.102128014	1.274713e-01	-0.399005150
## FALSE_5387	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5388	0.498614361	6.904756e-01	-0.399005150
## FALSE_5389	4.403439798	5.548436e-01	0.385191606
## FALSE_5390	-0.402499201	-3.927019e-01	-0.399005150
## FALSE_5391	-0.102128014	-3.870662e-01	-0.399005150
## FALSE_5392	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5393	0.198243174	-2.281401e-01	-0.399005150
## FALSE_5394	0.498614361	1.133821e-01	-0.399005150
## TRUE_5395	-0.402499201	-3.126752e-01	-0.399005150
## TRUE_5396	-0.102128014	-1.172999e-02	1.953585117
## FALSE_5397	0.498614361	4.357429e-01	-0.399005150
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## FALSE_5399	-0.102128014	-1.931989e-01	-0.399005150
## TRUE_5400	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5401	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_5402	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5403	-0.102128014	6.476444e-01	-0.399005150
## TRUE_5404	0.198243174	-2.732255e-01	-0.399005150
## FALSE_5405	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5406	0.198243174	-4.067911e-01	-0.399005150
## FALSE_5407	-0.102128014	-1.481134e-01	-0.399005150
## FALSE_5408	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5409	2.300841486	6.428724e+00	-0.399005150
## FALSE_5410	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5411	0.198243174	-3.829334e-01	0.385191606
## TRUE_5412	-0.402499201	-3.295823e-01	-0.399005150
## FALSE_5413	0.798985549	3.889668e-01	-0.399005150
## FALSE_5414	0.798985549	-8.499382e-02	-0.399005150
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## FALSE_5418	3.201955048	5.248933e+00	1.169388361
## FALSE_5419	-0.402499201	-1.875632e-01	-0.399005150
## FALSE_5420	-0.402499201	-1.368421e-01	-0.399005150
## FALSE_5421	1.399727924	1.216848e+00	-0.399005150
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## FALSE_5426	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_5427	-0.102128014	-1.405992e-01	-0.399005150
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## FALSE_5429	1.399727924	-2.427928e-01	-0.399005150
## TRUE_5430	1.099356736	2.614778e+00	1.953585117
## FALSE_5431	0.198243174	7.280519e-02	-0.399005150
## FALSE_5432	1.099356736	-1.616391e-01	-0.399005150
## FALSE_5433	0.198243174	-2.980225e-01	3.521978628
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## TRUE_5435	-0.402499201	-2.270129e-01	-0.399005150
## FALSE_5436	1.099356736	2.584630e-03	-0.399005150
## TRUE_5437	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5438	0.198243174	1.780979e+00	2.737781872
## FALSE_5439	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5440	4.103068610	4.796615e+00	-0.399005150
## FALSE_5441	0.198243174	-1.402235e-01	0.385191606
## FALSE_5442	-0.402499201	-4.039732e-01	-0.399005150
## FALSE_5443	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5444	2.300841486	4.676835e-02	-0.399005150
## TRUE_5445	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5446	-0.402499201	-7.992171e-02	-0.399005150
## FALSE_5447	3.201955048	8.616124e-01	-0.399005150
## FALSE_5448	-0.102128014	-1.024644e-01	-0.399005150
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## FALSE_5453	0.798985549	1.066939e+00	1.169388361
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## FALSE_5455	-0.402499201	-1.082880e-01	-0.399005150
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## FALSE_5457	4.703810985	6.063046e-01	-0.399005150
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## FALSE_5460	-0.102128014	7.336876e-02	-0.399005150
## FALSE_5461	-0.402499201	-2.044702e-01	-0.399005150
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## FALSE_5464	0.798985549	5.177042e-03	0.385191606
## FALSE_5465	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5467	0.798985549	4.329997e+00	-0.399005150
## FALSE_5468	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5469	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5470	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5471	0.498614361	2.841051e+00	-0.399005150
## FALSE_5472	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5473	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5474	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5475	2.300841486	2.310545e+00	-0.399005150
## TRUE_5476	2.300841486	1.460873e+00	1.953585117
## TRUE_5477	-0.102128014	1.753745e-01	-0.399005150
## FALSE_5478	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5479	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5480	-0.702870388	-4.603300e-01	-0.399005150

## TRUE_5481	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5482	4.403439798	3.474125e+00	0.385191606
## FALSE_5483	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5484	0.198243174	-2.788612e-01	-0.399005150
## FALSE_5485	-0.402499201	-3.667778e-01	-0.399005150
## FALSE_5486	0.498614361	-1.548762e-01	0.385191606
## FALSE_5487	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5488	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_5489	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5490	2.601212673	2.104280e+00	1.953585117
## FALSE_5491	-0.102128014	-2.788612e-01	0.385191606
## TRUE_5492	0.498614361	2.931785e+00	-0.399005150
## FALSE_5493	-0.402499201	3.089401e-01	-0.399005150
## FALSE_5494	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5495	0.498614361	-1.824911e-01	-0.399005150
## FALSE_5496	2.300841486	1.110146e+00	-0.399005150
## FALSE_5497	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5498	-0.402499201	2.091886e-01	-0.399005150
## FALSE_5499	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5500	-0.102128014	-3.870662e-01	-0.399005150
## TRUE_5501	-0.402499201	-2.123602e-01	-0.399005150
## FALSE_5502	-0.402499201	-4.377873e-01	-0.399005150
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## FALSE_5504	-0.102128014	-3.737233e-02	-0.399005150
## TRUE_5505	-0.402499201	-3.639599e-01	0.385191606
## FALSE_5506	-0.402499201	-4.490587e-01	4.306175383
## TRUE_5507	-0.402499201	-4.377873e-01	-0.399005150
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## FALSE_5509	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5510	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5511	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5512	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5513	-0.102128014	1.050483e+00	-0.399005150
## TRUE_5514	-0.402499201	-3.352180e-01	-0.399005150
## FALSE_5515	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5516	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5517	1.399727924	-7.484960e-02	-0.399005150
## FALSE_5518	6.506038110	2.177735e+00	4.306175383
## FALSE_5519	0.198243174	-2.168687e-01	-0.399005150
## FALSE_5520	-0.102128014	2.835796e-01	0.385191606
## FALSE_5521	1.099356736	-2.065366e-01	0.385191606
## FALSE_5522	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5523	-0.402499201	-6.094315e-03	-0.399005150
## FALSE_5524	0.498614361	-3.126752e-01	-0.399005150
## FALSE_5525	2.901583861	3.168301e-01	-0.399005150
## FALSE_5526	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5527	-0.102128014	-4.062275e-01	1.953585117
## FALSE_5528	-0.102128014	4.481414e-01	-0.399005150
## FALSE_5529	2.000470298	1.236009e+00	-0.399005150
## FALSE_5530	-0.102128014	-2.055973e-01	-0.399005150
## FALSE_5531	-0.102128014	4.830826e-01	-0.399005150
## FALSE_5532	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5533	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5534	-0.102128014	-3.509979e-01	1.953585117

## FALSE_5535	0.198243174	4.267258e-01	-0.399005150
## FALSE_5536	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5537	0.798985549	-1.402235e-01	-0.399005150
## FALSE_5538	0.498614361	2.129264e+00	2.737781872
## FALSE_5539	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5540	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5541	-0.102128014	-2.225044e-01	-0.399005150
## FALSE_5542	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5543	-0.402499201	-3.927019e-01	-0.399005150
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## FALSE_5545	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5546	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5547	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5549	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_5556	0.498614361	8.407655e-02	-0.399005150
## FALSE_5557	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5558	1.700099111	3.080943e+00	0.385191606
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## FALSE_5567	0.198243174	-3.949562e-01	-0.399005150
## FALSE_5568	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5569	-0.102128014	-2.676972e-01	-0.399005150
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## TRUE_5571	0.198243174	2.349619e+00	0.385191606
## TRUE_5572	-0.402499201	-3.295823e-01	-0.399005150
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## FALSE_5574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5575	0.198243174	-2.988678e-01	-0.399005150
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## FALSE_5578	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5579	0.798985549	-2.086030e-01	0.385191606
## TRUE_5580	-0.102128014	1.081272e-02	0.385191606
## FALSE_5581	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5582	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5583	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_5584	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5586	1.399727924	-1.398427e-02	-0.399005150
## FALSE_5587	-0.702870388	-4.603300e-01	0.385191606
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## FALSE_5589	0.198243174	-1.233728e-01	-0.399005150
## FALSE_5590	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5591	-0.402499201	-3.746677e-01	-0.399005150
## FALSE_5592	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5593	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5594	0.498614361	8.294941e-02	-0.399005150
## FALSE_5595	0.798985549	-2.638276e-02	-0.399005150
## FALSE_5596	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5597	-0.402499201	-4.603300e-01	-0.399005150
## TRUE_5598	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5599	-0.102128014	-4.152446e-01	1.169388361
## FALSE_5600	-0.702870388	-4.603300e-01	2.737781872
## FALSE_5601	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5602	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_5603	-0.402499201	-8.612096e-02	-0.399005150
## TRUE_5604	0.498614361	-2.983982e-01	-0.399005150
## FALSE_5605	1.099356736	3.269174e+00	4.306175383
## FALSE_5606	-0.402499201	-1.593848e-01	-0.399005150
## FALSE_5607	-0.102128014	-3.262009e-01	-0.399005150
## FALSE_5608	-0.102128014	-3.870662e-01	-0.399005150
## FALSE_5609	-0.402499201	-3.252992e-01	-0.399005150
## FALSE_5610	2.000470298	-9.682875e-02	1.953585117
## TRUE_5611	2.000470298	1.558699e+00	1.953585117
## FALSE_5612	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5613	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5614	-0.102128014	5.177042e-03	-0.399005150
## FALSE_5615	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5616	-0.102128014	-2.844969e-01	-0.399005150
## FALSE_5617	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5618	1.399727924	6.659604e-01	-0.399005150
## FALSE_5619	-0.402499201	-4.293338e-01	4.306175383
## FALSE_5620	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5621	0.498614361	-9.626518e-02	1.169388361
## FALSE_5622	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5623	-0.102128014	-1.593848e-01	-0.399005150
## FALSE_5624	0.798985549	-1.227529e-01	1.169388361
## FALSE_5625	-0.402499201	-3.295823e-01	-0.399005150
## FALSE_5626	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_5627	-0.402499201	-1.988345e-01	-0.399005150
## TRUE_5628	1.700099111	5.329584e-01	0.385191606
## FALSE_5629	2.000470298	-7.484960e-02	0.385191606
## FALSE_5630	0.798985549	1.033369e+00	0.385191606
## TRUE_5631	0.498614361	-7.297104e-02	-0.399005150
## FALSE_5632	2.000470298	7.791436e-01	-0.399005150
## FALSE_5633	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5634	-0.102128014	-6.245110e-02	-0.399005150
## FALSE_5635	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5636	-0.402499201	-6.583251e-02	-0.399005150
## FALSE_5637	1.700099111	4.791376e-01	-0.399005150
## FALSE_5638	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5639	-0.402499201	-1.537491e-01	-0.399005150
## FALSE_5640	0.798985549	3.968567e-01	-0.399005150
## FALSE_5641	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5642	-0.702870388	-4.603300e-01	-0.399005150

## TRUE_5643	-0.102128014	-1.312064e-01	-0.399005150
## FALSE_5644	-0.402499201	1.415605e-01	-0.399005150
## FALSE_5645	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5646	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5647	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5648	0.198243174	5.177042e-03	-0.399005150
## FALSE_5649	1.399727924	1.089958e+00	-0.399005150
## FALSE_5650	-0.402499201	-3.633964e-01	-0.399005150
## FALSE_5651	2.601212673	6.075372e-01	0.385191606
## TRUE_5652	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5653	0.498614361	-4.047196e-02	-0.399005150
## FALSE_5654	0.198243174	-2.709712e-01	-0.399005150
## FALSE_5655	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5656	0.498614361	1.256298e+00	-0.399005150
## FALSE_5657	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5658	-0.402499201	-4.293338e-01	-0.399005150
## FALSE_5659	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5660	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5661	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5662	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5663	-0.102128014	-3.352180e-01	-0.399005150
## FALSE_5664	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5665	0.198243174	1.190178e-01	-0.399005150
## FALSE_5666	0.498614361	1.531319e+00	1.169388361
## TRUE_5667	0.798985549	3.925360e-01	-0.399005150
## FALSE_5668	-0.102128014	-2.563185e-01	1.953585117
## FALSE_5669	2.300841486	7.147842e-01	-0.399005150
## FALSE_5670	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5671	0.498614361	5.307980e-01	-0.399005150
## FALSE_5672	0.798985549	-2.912597e-01	0.385191606
## TRUE_5673	-0.402499201	-3.126752e-01	-0.399005150
## FALSE_5674	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5675	1.099356736	8.962713e+00	-0.399005150
## TRUE_5676	0.798985549	5.941055e-01	-0.399005150
## FALSE_5677	1.700099111	2.911877e-01	1.169388361
## FALSE_5678	2.000470298	2.753510e+00	-0.399005150
## FALSE_5679	3.802697423	8.848153e-01	-0.399005150
## FALSE_5680	1.099356736	3.559041e-01	-0.399005150
## FALSE_5681	-0.102128014	-2.303943e-01	-0.399005150
## TRUE_5682	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5684	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5685	-0.102128014	-3.183109e-01	2.737781872
## FALSE_5686	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5687	-0.102128014	-4.469872e-02	-0.399005150
## FALSE_5688	-0.102128014	-7.372246e-02	-0.399005150
## FALSE_5689	-0.402499201	-3.509979e-01	-0.399005150
## FALSE_5690	2.300841486	9.070735e-01	2.737781872
## TRUE_5691	0.198243174	-3.591952e-01	0.385191606
## FALSE_5692	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5693	1.099356736	-6.657883e-03	0.385191606
## FALSE_5694	0.498614361	4.312344e-01	-0.399005150
## FALSE_5695	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5696	0.198243174	5.586007e-01	-0.399005150

## FALSE_5697	1.399727924	1.487153e+01	1.953585117
## FALSE_5698	-0.102128014	4.109459e-01	1.169388361
## FALSE_5699	-0.402499201	2.441298e-01	-0.399005150
## FALSE_5700	-0.102128014	-3.427271e-02	0.385191606
## FALSE_5701	-0.102128014	-4.022825e-01	-0.399005150
## FALSE_5702	0.498614361	2.418756e-01	-0.399005150
## FALSE_5703	2.901583861	3.250957e-01	-0.399005150
## TRUE_5704	-0.402499201	-3.923262e-01	-0.399005150
## FALSE_5705	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5706	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5708	0.198243174	-2.022159e-01	-0.399005150
## FALSE_5709	-0.402499201	-3.746677e-01	-0.399005150
## FALSE_5710	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5711	0.498614361	2.937238e-01	1.169388361
## FALSE_5712	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5713	-0.402499201	-3.408536e-01	-0.399005150
## FALSE_5714	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5715	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5716	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5717	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5718	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5719	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5720	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5721	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5722	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5723	-0.102128014	-3.307094e-01	0.385191606
## TRUE_5724	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5725	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5726	2.000470298	1.900273e-01	-0.399005150
## TRUE_5727	2.000470298	7.287982e-01	0.385191606
## FALSE_5728	-0.402499201	-3.014039e-01	0.385191606
## FALSE_5729	-0.102128014	-2.298308e-01	-0.399005150
## TRUE_5730	2.300841486	1.091360e+00	0.385191606
## FALSE_5731	-0.102128014	-2.619541e-01	-0.399005150
## FALSE_5732	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5733	1.700099111	9.290527e-01	-0.399005150
## FALSE_5734	0.498614361	9.249198e-01	0.385191606
## FALSE_5735	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5736	4.103068610	1.747071e+00	-0.399005150
## TRUE_5737	0.498614361	-2.153659e-01	-0.399005150
## FALSE_5738	1.700099111	2.089815e+00	-0.399005150
## FALSE_5739	1.399727924	2.339856e-01	-0.399005150
## FALSE_5740	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5741	-0.102128014	-2.613906e-01	-0.399005150
## TRUE_5742	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5743	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5744	0.498614361	8.520368e-02	0.385191606
## FALSE_5745	0.498614361	1.201449e-01	-0.399005150
## FALSE_5746	-0.102128014	-3.746677e-01	-0.399005150
## FALSE_5747	0.498614361	-5.625186e-02	-0.399005150
## FALSE_5748	1.099356736	3.096388e+00	1.953585117
## FALSE_5749	1.399727924	7.415775e-02	-0.399005150
## FALSE_5750	2.601212673	6.451084e-01	-0.399005150

## FALSE_5751	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5752	-0.402499201	7.547223e-01	1.169388361
## FALSE_5753	1.099356736	3.718770e-02	-0.399005150
## FALSE_5754	0.798985549	1.071166e+00	0.385191606
## FALSE_5755	-0.702870388	-4.603300e-01	1.169388361
## TRUE_5756	-0.402499201	-4.146810e-01	-0.399005150
## TRUE_5757	0.198243174	6.408816e-01	1.169388361
## FALSE_5758	0.198243174	-2.563185e-01	-0.399005150
## TRUE_5759	0.498614361	-5.831827e-02	-0.399005150
## FALSE_5760	-0.702870388	-4.603300e-01	1.953585117
## FALSE_5761	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5762	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5763	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5764	0.198243174	-3.160567e-01	-0.399005150
## FALSE_5765	1.099356736	1.252170e-01	1.953585117
## FALSE_5766	2.601212673	2.942493e+00	1.169388361
## FALSE_5767	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5768	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5769	-0.402499201	-3.633964e-01	-0.399005150
## FALSE_5770	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5771	0.198243174	-1.142994e-01	0.385191606
## TRUE_5772	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5773	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5774	-0.102128014	-1.137358e-01	-0.399005150
## FALSE_5775	0.498614361	2.954145e-01	-0.399005150
## FALSE_5776	-0.402499201	-9.175664e-02	-0.399005150
## FALSE_5777	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5778	-0.102128014	-1.481134e-01	-0.399005150
## FALSE_5779	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5780	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5781	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5782	2.601212673	2.110855e+00	0.385191606
## FALSE_5783	-0.102128014	7.675016e-02	-0.399005150
## FALSE_5784	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5785	1.399727924	-6.301467e-02	-0.399005150
## FALSE_5786	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5787	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5788	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5789	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5790	-0.402499201	-4.039732e-01	0.385191606
## FALSE_5791	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5792	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_5793	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5794	-0.402499201	-3.712863e-01	1.953585117
## TRUE_5795	0.498614361	-7.334675e-02	-0.399005150
## FALSE_5796	-0.402499201	-2.863754e-01	1.953585117
## FALSE_5797	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5798	1.700099111	2.351766e+00	4.306175383
## FALSE_5799	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5800	0.798985549	1.501386e-02	1.953585117
## FALSE_5801	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5802	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_5803	-0.402499201	-2.760433e-01	-0.399005150
## FALSE_5804	0.498614361	2.012606e+00	-0.399005150

## FALSE_5805	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5806	2.000470298	5.643303e-01	-0.399005150
## FALSE_5807	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5808	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5809	-0.402499201	-1.819275e-01	-0.399005150
## TRUE_5810	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5811	1.099356736	3.346294e-01	-0.399005150
## FALSE_5812	0.798985549	1.252170e-01	0.385191606
## FALSE_5813	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5814	1.700099111	1.723876e-01	-0.399005150
## FALSE_5815	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5816	0.498614361	8.216742e-01	1.953585117
## FALSE_5817	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5818	-0.102128014	-2.506828e-01	-0.399005150
## FALSE_5819	-0.102128014	1.048905e+00	-0.399005150
## FALSE_5820	0.198243174	1.471962e-01	-0.399005150
## FALSE_5821	2.901583861	8.490663e-01	0.385191606
## FALSE_5822	0.198243174	-1.732139e-01	0.385191606
## FALSE_5823	3.502326235	2.943056e+00	1.169388361
## TRUE_5824	0.798985549	4.875912e-01	-0.399005150
## FALSE_5825	-0.402499201	-3.577607e-01	-0.399005150
## FALSE_5826	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5827	-0.402499201	-4.293338e-01	1.953585117
## FALSE_5828	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5829	0.498614361	8.899786e-01	1.169388361
## FALSE_5830	2.300841486	5.108540e-01	-0.399005150
## FALSE_5831	0.198243174	-2.388479e-01	-0.399005150
## FALSE_5832	-0.402499201	-3.014039e-01	-0.399005150
## FALSE_5833	-0.102128014	7.490867e-01	1.953585117
## FALSE_5834	0.798985549	4.086917e-01	-0.399005150
## TRUE_5835	-0.102128014	4.703084e-01	-0.399005150
## FALSE_5836	-0.402499201	-3.352180e-01	-0.399005150
## FALSE_5837	2.901583861	9.245441e-01	2.737781872
## FALSE_5838	3.802697423	4.922876e-01	-0.399005150
## FALSE_5839	1.099356736	5.349309e-01	1.169388361
## TRUE_5840	-0.102128014	-3.588878e-01	1.169388361
## FALSE_5841	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5842	0.198243174	-4.586366e-04	-0.399005150
## FALSE_5843	0.498614361	3.290407e-01	-0.399005150
## FALSE_5844	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5845	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5846	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5847	2.000470298	9.636235e-01	0.385191606
## FALSE_5848	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5849	0.798985549	-2.161642e-01	0.385191606
## TRUE_5850	0.498614361	3.027409e-01	-0.399005150
## FALSE_5851	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5852	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5853	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5854	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5855	0.798985549	-7.702336e-02	0.385191606
## FALSE_5856	-0.402499201	2.666725e-01	0.385191606
## FALSE_5857	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5858	2.601212673	1.581476e+00	-0.399005150

## FALSE_5859	0.198243174	5.082604e-02	1.953585117
## FALSE_5860	1.700099111	3.827858e+00	1.953585117
## FALSE_5861	1.099356736	-8.048528e-02	-0.399005150
## FALSE_5862	-0.402499201	-3.633964e-01	-0.399005150
## FALSE_5863	-0.402499201	8.368525e+00	-0.399005150
## FALSE_5864	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5865	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5866	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5867	0.198243174	-1.266978e-01	-0.399005150
## FALSE_5868	0.198243174	-1.777007e-01	-0.399005150
## FALSE_5869	1.700099111	4.777851e-01	0.385191606
## FALSE_5870	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5871	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_5872	0.798985549	8.998411e-01	-0.399005150
## FALSE_5873	0.498614361	-1.851261e-01	2.737781872
## FALSE_5874	0.198243174	-1.212500e-01	-0.399005150
## FALSE_5875	0.498614361	2.801982e-01	-0.399005150
## FALSE_5876	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5877	0.498614361	-2.225044e-01	-0.399005150
## TRUE_5878	0.198243174	-1.058458e-01	0.385191606
## FALSE_5879	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5880	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5881	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5882	0.198243174	-6.094315e-03	1.169388361
## FALSE_5883	0.198243174	-3.870662e-01	0.385191606
## FALSE_5884	0.198243174	4.575393e-02	-0.399005150
## FALSE_5885	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5886	1.099356736	5.405665e-01	-0.399005150
## TRUE_5887	0.498614361	1.246534e-01	-0.399005150
## FALSE_5888	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5889	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5890	0.198243174	8.364397e-01	-0.399005150
## FALSE_5891	2.300841486	8.265772e-01	-0.399005150
## FALSE_5892	2.901583861	1.689681e+00	0.385191606
## FALSE_5893	1.099356736	6.019954e-01	-0.399005150
## FALSE_5894	-0.402499201	-2.506828e-01	-0.399005150
## FALSE_5895	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_5896	-0.102128014	-2.675898e-01	-0.399005150
## FALSE_5897	0.498614361	-1.593848e-01	-0.399005150
## FALSE_5898	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5899	1.700099111	4.874033e-01	-0.399005150
## FALSE_5900	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5901	-0.102128014	-2.281401e-01	-0.399005150
## FALSE_5902	0.498614361	4.425057e-01	1.169388361
## TRUE_5903	-0.102128014	-4.096089e-01	-0.399005150
## FALSE_5904	0.198243174	7.490867e-01	-0.399005150
## TRUE_5905	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5906	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5907	0.198243174	-2.957682e-01	-0.399005150
## FALSE_5908	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5909	0.498614361	-3.138024e-01	-0.399005150
## FALSE_5910	0.498614361	-1.229783e-01	0.385191606
## TRUE_5911	2.000470298	1.792814e+00	3.521978628
## FALSE_5912	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_5913	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5914	1.099356736	1.479471e+00	1.953585117
## TRUE_5915	0.498614361	1.513290e-01	-0.399005150
## FALSE_5916	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5917	-0.702870388	-4.603300e-01	1.953585117
## FALSE_5918	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5919	3.201955048	1.842408e+00	-0.399005150
## FALSE_5920	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5921	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5922	-0.402499201	-3.408536e-01	-0.399005150
## TRUE_5923	-0.102128014	5.589815e-02	1.169388361
## FALSE_5924	-0.402499201	-2.581919e-02	-0.399005150
## TRUE_5925	0.198243174	-8.048528e-02	1.169388361
## FALSE_5926	1.099356736	5.253610e+00	0.385191606
## FALSE_5927	1.399727924	2.028015e-01	-0.399005150
## FALSE_5928	0.798985549	1.800423e+00	-0.399005150
## FALSE_5929	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5930	0.498614361	7.020287e-01	-0.399005150
## FALSE_5931	0.198243174	2.651692e+00	0.385191606
## FALSE_5932	1.099356736	2.751261e-01	1.169388361
## FALSE_5933	0.498614361	-9.062950e-02	-0.399005150
## FALSE_5934	-0.702870388	-4.603300e-01	0.385191606
## TRUE_5935	1.099356736	-1.937624e-01	-0.399005150
## FALSE_5936	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5937	0.198243174	-1.357149e-01	-0.399005150
## FALSE_5938	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5939	-0.402499201	-1.481134e-01	-0.399005150
## FALSE_5940	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5941	1.700099111	1.988879e-01	6.658765650
## FALSE_5942	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5943	1.700099111	4.833644e-01	0.385191606
## FALSE_5944	0.498614361	-2.788612e-01	1.169388361
## FALSE_5945	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5946	1.099356736	1.038014e-01	-0.399005150
## FALSE_5947	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5948	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5949	1.099356736	-6.921392e-02	0.385191606
## FALSE_5950	1.099356736	1.162745e+00	-0.399005150
## FALSE_5951	2.901583861	5.979096e-01	-0.399005150
## FALSE_5952	0.198243174	-2.405386e-01	-0.399005150
## FALSE_5953	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5954	-0.102128014	-3.419808e-01	-0.399005150
## FALSE_5955	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5956	0.498614361	-1.374056e-01	-0.399005150
## FALSE_5957	0.198243174	-2.315215e-01	-0.399005150
## FALSE_5958	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5959	1.099356736	5.364388e-02	0.385191606
## FALSE_5960	-0.102128014	-3.633964e-01	-0.399005150
## TRUE_5961	0.198243174	-3.138024e-01	-0.399005150
## FALSE_5962	0.798985549	1.193935e-01	-0.399005150
## FALSE_5963	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5964	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5965	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5966	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_5967	2.601212673	1.640280e-01	3.521978628
## FALSE_5968	-0.402499201	-3.803034e-01	1.169388361
## FALSE_5969	-0.102128014	-2.394114e-01	-0.399005150
## FALSE_5970	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5971	0.798985549	1.415605e-01	-0.399005150
## TRUE_5972	0.798985549	7.290800e-01	-0.399005150
## FALSE_5973	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_5974	2.300841486	3.488214e+00	-0.399005150
## FALSE_5975	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5976	-0.102128014	-3.893205e-01	-0.399005150
## FALSE_5977	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5978	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5979	0.198243174	1.178906e-01	-0.399005150
## FALSE_5980	1.700099111	3.241565e-01	-0.399005150
## TRUE_5981	1.099356736	2.968798e-01	-0.399005150
## FALSE_5982	0.498614361	-8.893880e-02	-0.399005150
## FALSE_5983	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5984	0.498614361	-7.015320e-02	1.953585117
## FALSE_5985	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5986	-0.402499201	-5.117975e-02	-0.399005150
## FALSE_5987	3.502326235	6.420351e+00	2.737781872
## FALSE_5988	1.099356736	3.791978e+00	-0.399005150
## FALSE_5989	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5990	-0.402499201	-2.010888e-01	-0.399005150
## FALSE_5991	-0.402499201	-3.014039e-01	-0.399005150
## FALSE_5992	1.099356736	1.765017e-01	-0.399005150
## FALSE_5993	1.700099111	5.249579e+00	2.737781872
## TRUE_5994	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5995	1.700099111	2.779439e-01	-0.399005150
## FALSE_5996	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5997	0.498614361	1.161999e-01	-0.399005150
## TRUE_5998	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5999	0.498614361	9.948074e-02	0.385191606
## TRUE_6000	-0.102128014	-3.633964e-01	-0.399005150
## FALSE_6001	0.198243174	-1.387155e-02	1.169388361
## FALSE_6002	-0.402499201	-1.706561e-01	-0.399005150
## FALSE_6003	1.099356736	6.137281e-02	0.385191606
## FALSE_6004	-0.102128014	1.759381e-01	-0.399005150
## FALSE_6005	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6006	0.198243174	-8.161241e-02	-0.399005150
## FALSE_6007	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6008	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6009	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6010	0.498614361	-6.602037e-02	-0.399005150
## FALSE_6011	0.798985549	-1.717782e-02	-0.399005150
## TRUE_6012	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6013	1.099356736	5.916634e-01	1.169388361
## FALSE_6014	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6015	-0.102128014	3.579705e-01	-0.399005150
## FALSE_6016	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6017	1.099356736	1.380664e-01	1.169388361
## FALSE_6018	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6019	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6020	0.798985549	3.320464e-01	-0.399005150

## FALSE_6021	-0.102128014	-2.459488e-01	-0.399005150
## FALSE_6022	-0.102128014	-4.096089e-01	-0.399005150
## FALSE_6023	1.099356736	2.020955e+00	0.385191606
## FALSE_6024	2.000470298	7.582728e-01	0.385191606
## FALSE_6025	1.399727924	4.098188e-01	-0.399005150
## FALSE_6026	0.798985549	4.019288e-01	-0.399005150
## FALSE_6027	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6028	-0.402499201	-2.394114e-01	-0.399005150
## FALSE_6029	0.198243174	-2.484285e-01	-0.399005150
## FALSE_6030	-0.402499201	-2.044702e-01	-0.399005150
## TRUE_6031	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6032	0.198243174	4.801330e-03	0.385191606
## FALSE_6033	-0.402499201	8.223505e-01	-0.399005150
## FALSE_6034	-0.102128014	2.666725e-01	-0.399005150
## FALSE_6035	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6036	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6037	0.198243174	1.081930e+00	-0.399005150
## TRUE_6038	0.798985549	-2.766069e-01	-0.399005150
## FALSE_6039	-0.102128014	-3.352180e-01	-0.399005150
## FALSE_6040	0.498614361	1.691372e+00	-0.399005150
## FALSE_6041	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6042	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6043	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6044	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6045	-0.702870388	-4.603300e-01	1.953585117
## FALSE_6046	0.498614361	1.924126e+00	-0.399005150
## FALSE_6047	0.198243174	1.246534e-01	-0.399005150
## FALSE_6048	3.802697423	1.294694e-01	0.385191606
## FALSE_6049	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6050	0.498614361	7.333068e-01	-0.399005150
## FALSE_6051	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6052	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6053	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6054	1.399727924	-1.512533e-01	5.090372139
## FALSE_6055	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6056	-0.402499201	-4.203167e-01	-0.399005150
## FALSE_6057	2.601212673	1.035567e+00	1.169388361
## FALSE_6058	-0.402499201	-2.450471e-01	-0.399005150
## FALSE_6059	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6060	-0.402499201	6.521530e-01	-0.399005150
## FALSE_6061	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6062	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6063	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6064	-0.402499201	-1.312064e-01	-0.399005150
## FALSE_6065	1.099356736	1.429130e-01	1.953585117
## FALSE_6066	-0.102128014	-3.014039e-01	0.385191606
## FALSE_6067	0.498614361	7.203447e-01	-0.399005150
## FALSE_6068	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6069	0.198243174	-3.307094e-01	-0.399005150
## FALSE_6070	0.498614361	1.917180e-01	-0.399005150
## FALSE_6071	0.198243174	-2.281401e-01	0.385191606
## FALSE_6072	2.901583861	9.796799e-01	-0.399005150
## FALSE_6073	1.700099111	1.522683e-01	-0.399005150
## FALSE_6074	0.498614361	-2.675898e-01	-0.399005150

## FALSE_6075	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6076	0.198243174	-2.394114e-01	-0.399005150
## FALSE_6077	0.498614361	8.601095e-01	-0.399005150
## TRUE_6078	0.798985549	-2.122662e-01	-0.399005150
## FALSE_6079	0.498614361	-3.476165e-01	-0.399005150
## TRUE_6080	1.700099111	1.988230e-01	2.737781872
## FALSE_6081	0.198243174	3.410635e-01	-0.399005150
## FALSE_6082	2.000470298	2.365869e+00	-0.399005150
## FALSE_6083	1.099356736	7.067788e-01	0.385191606
## TRUE_6084	-0.402499201	-3.803034e-01	-0.399005150
## FALSE_6085	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6086	2.300841486	1.310714e+01	1.953585117
## TRUE_6087	1.099356736	-1.201229e-01	1.953585117
## FALSE_6088	1.099356736	-1.785410e-02	0.385191606
## FALSE_6089	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_6090	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6091	0.498614361	2.008478e-01	1.169388361
## FALSE_6092	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6093	-0.102128014	-7.935814e-02	-0.399005150
## FALSE_6094	-0.102128014	-3.427271e-02	1.169388361
## FALSE_6095	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6096	-0.402499201	3.145758e-01	0.385191606
## TRUE_6097	0.198243174	4.265431e-02	-0.399005150
## FALSE_6098	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6099	2.000470298	5.762587e+00	-0.399005150
## FALSE_6100	-0.402499201	-1.424777e-01	0.385191606
## TRUE_6101	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6102	0.198243174	-4.554407e-02	-0.399005150
## FALSE_6103	0.198243174	3.962932e-01	0.385191606
## FALSE_6104	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6105	-0.402499201	-9.175664e-02	-0.399005150
## FALSE_6106	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6107	1.700099111	1.113527e+00	-0.399005150
## FALSE_6108	0.798985549	1.333319e+00	-0.399005150
## FALSE_6109	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6110	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6111	2.901583861	7.662705e-01	2.737781872
## FALSE_6112	1.399727924	1.331333e+00	2.737781872
## TRUE_6113	0.498614361	-2.895690e-01	-0.399005150
## TRUE_6114	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6115	1.700099111	1.168381e+00	-0.399005150
## FALSE_6116	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6117	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6118	0.198243174	-2.717226e-01	-0.399005150
## FALSE_6119	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6120	0.198243174	-1.764421e-01	2.737781872
## FALSE_6121	0.498614361	-1.732861e-01	-0.399005150
## FALSE_6122	0.498614361	-2.022159e-01	1.169388361
## FALSE_6123	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6124	-0.402499201	-4.603300e-01	0.385191606
## FALSE_6125	1.399727924	1.778525e+00	0.385191606
## TRUE_6126	1.399727924	1.340462e-01	-0.399005150
## FALSE_6127	2.000470298	1.266780e+00	-0.399005150
## FALSE_6128	0.198243174	-7.785529e-02	1.169388361

## TRUE_6129	0.798985549	3.320464e-01	-0.399005150
## FALSE_6130	0.798985549	-1.176808e-01	-0.399005150
## FALSE_6131	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6132	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6133	0.198243174	8.520368e-02	-0.399005150
## FALSE_6134	2.000470298	3.929864e+00	-0.399005150
## FALSE_6135	1.399727924	3.926482e+00	-0.399005150
## FALSE_6136	-0.102128014	-3.022090e-01	-0.399005150
## TRUE_6137	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6138	-0.102128014	-2.863703e-02	-0.399005150
## FALSE_6139	-0.102128014	2.948509e-01	-0.399005150
## FALSE_6140	-0.402499201	-3.577607e-01	-0.399005150
## FALSE_6141	0.798985549	1.615854e+00	-0.399005150
## FALSE_6142	1.399727924	-1.541248e-01	-0.399005150
## TRUE_6143	0.798985549	3.448257e-02	-0.399005150
## FALSE_6144	1.399727924	-1.300793e-01	-0.399005150
## FALSE_6145	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6146	-0.102128014	6.127032e-01	0.385191606
## FALSE_6147	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6148	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6149	-0.102128014	7.434510e-01	2.737781872
## FALSE_6150	3.502326235	1.194493e+00	1.953585117
## FALSE_6151	-0.102128014	-4.208803e-01	-0.399005150
## TRUE_6152	-0.402499201	-3.352180e-01	-0.399005150
## FALSE_6153	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6154	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6155	1.700099111	2.497655e-01	0.385191606
## FALSE_6156	0.498614361	-1.507434e-01	-0.399005150
## FALSE_6157	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6158	-0.402499201	-3.070396e-01	-0.399005150
## TRUE_6159	1.099356736	1.356331e+00	-0.399005150
## TRUE_6160	-0.402499201	-1.650205e-01	-0.399005150
## FALSE_6161	2.000470298	8.174713e-02	0.385191606
## TRUE_6162	4.103068610	9.725596e-01	1.953585117
## TRUE_6163	0.498614361	4.932268e-01	-0.399005150
## TRUE_6164	0.198243174	2.969225e-02	4.306175383
## FALSE_6165	0.798985549	-1.796732e-01	-0.399005150
## TRUE_6166	-0.102128014	-3.757949e-01	-0.399005150
## FALSE_6167	-0.702870388	-4.603300e-01	0.385191606
## TRUE_6168	-0.102128014	1.220229e+00	-0.399005150
## FALSE_6169	0.498614361	1.090045e+00	0.385191606
## TRUE_6170	-0.402499201	-2.957682e-01	0.385191606
## FALSE_6171	-0.102128014	-1.593848e-01	-0.399005150
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## FALSE_6173	0.798985549	2.097522e-01	2.737781872
## FALSE_6174	2.601212673	4.970779e-01	1.169388361
## FALSE_6175	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6176	-0.402499201	-3.927019e-01	-0.399005150
## FALSE_6177	-0.402499201	-3.408536e-01	-0.399005150
## TRUE_6178	-0.402499201	-3.126752e-01	-0.399005150
## FALSE_6179	0.498614361	7.009955e-01	-0.399005150
## FALSE_6180	-0.402499201	-4.434230e-01	-0.399005150
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## FALSE_6182	2.300841486	1.032561e+00	0.385191606

## FALSE_6183	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6186	-0.402499201	-2.957682e-01	-0.399005150
## FALSE_6187	1.399727924	1.093432e-01	-0.399005150
## FALSE_6188	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6189	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6190	-0.402499201	-2.394114e-01	-0.399005150
## TRUE_6191	1.099356736	1.419394e+00	-0.399005150
## TRUE_6192	2.901583861	2.751021e+00	-0.399005150
## FALSE_6193	0.498614361	-1.853089e-01	-0.399005150
## FALSE_6194	3.802697423	1.256204e+00	-0.399005150
## FALSE_6195	-0.402499201	-3.577607e-01	-0.399005150
## FALSE_6196	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6197	-0.102128014	-3.014039e-01	-0.399005150
## FALSE_6198	-0.102128014	5.177042e-03	4.306175383
## FALSE_6199	0.798985549	-2.360300e-01	1.169388361
## FALSE_6200	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6201	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6202	0.198243174	-1.585772e-03	-0.399005150
## TRUE_6203	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6204	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6205	0.198243174	-1.875632e-01	-0.399005150
## FALSE_6206	-0.402499201	-3.977740e-01	-0.399005150
## FALSE_6207	-0.102128014	-1.568487e-01	-0.399005150
## FALSE_6208	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6209	1.700099111	4.631750e-02	1.953585117
## FALSE_6210	-0.102128014	-3.295823e-01	-0.399005150
## TRUE_6211	-0.402499201	-2.957682e-01	-0.399005150
## FALSE_6212	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6213	-0.102128014	-3.055367e-01	1.953585117
## TRUE_6214	0.798985549	1.901019e+00	-0.399005150
## FALSE_6215	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6217	1.099356736	1.055386e+00	1.169388361
## FALSE_6218	2.000470298	5.457514e-01	1.953585117
## FALSE_6219	-0.102128014	5.270409e-01	-0.399005150
## FALSE_6220	0.498614361	8.286624e-01	-0.399005150
## FALSE_6221	0.198243174	-6.094315e-03	-0.399005150
## FALSE_6222	1.700099111	3.654848e-01	-0.399005150
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## FALSE_6224	1.700099111	1.096786e-01	-0.399005150
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## FALSE_6226	-0.402499201	2.687014e-01	-0.399005150
## TRUE_6227	1.399727924	3.419089e-01	-0.399005150
## TRUE_6228	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6229	-0.402499201	-2.788612e-01	-0.399005150
## TRUE_6230	0.198243174	-1.484891e-01	-0.399005150
## TRUE_6231	2.000470298	1.254049e-01	-0.399005150
## FALSE_6232	5.604924547	4.294779e-01	1.953585117
## TRUE_6233	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6234	0.498614361	4.425619e-03	-0.399005150
## FALSE_6235	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6236	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_6237	-0.402499201	7.393233e-02	-0.399005150
## TRUE_6238	-0.402499201	-3.408536e-01	-0.399005150
## TRUE_6239	-0.102128014	-7.146819e-02	-0.399005150
## FALSE_6240	1.700099111	1.889002e-01	0.385191606
## FALSE_6241	0.498614361	2.091886e-01	-0.399005150
## FALSE_6242	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6244	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6245	2.601212673	1.577531e+00	2.737781872
## FALSE_6246	1.399727924	-1.161028e-01	-0.399005150
## FALSE_6247	1.099356736	-5.737899e-02	-0.399005150
## FALSE_6248	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6254	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_6259	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6260	-0.402499201	-3.014039e-01	-0.399005150
## FALSE_6261	-0.402499201	-3.464893e-01	4.306175383
## FALSE_6262	-0.102128014	-1.312064e-01	-0.399005150
## FALSE_6263	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6264	0.198243174	-2.318033e-01	-0.399005150
## FALSE_6265	-0.402499201	-3.295823e-01	-0.399005150
## FALSE_6266	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6267	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6268	2.601212673	2.197606e+00	2.737781872
## FALSE_6269	-0.102128014	9.012500e-01	-0.399005150
## FALSE_6270	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6271	0.498614361	-9.175664e-02	-0.399005150
## FALSE_6272	0.498614361	-3.927019e-01	-0.399005150
## FALSE_6273	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6274	0.498614361	-1.210622e-01	-0.399005150
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## FALSE_6276	0.198243174	2.035529e-01	-0.399005150
## FALSE_6277	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6279	2.000470298	5.505900e-01	-0.399005150
## FALSE_6280	-0.702870388	-4.603300e-01	1.953585117
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## TRUE_6283	1.099356736	4.338857e-01	0.385191606
## FALSE_6284	-0.102128014	-3.239466e-01	-0.399005150
## FALSE_6285	-0.402499201	-3.070396e-01	-0.399005150
## FALSE_6286	-0.102128014	-3.464893e-01	-0.399005150
## FALSE_6287	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6288	0.198243174	1.549353e+00	-0.399005150
## FALSE_6289	-0.102128014	-3.250737e-01	-0.399005150
## FALSE_6290	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_6291	-0.402499201	9.474626e-01	1.169388361
## TRUE_6292	1.700099111	1.319675e+00	2.737781872
## FALSE_6293	-0.402499201	-4.603300e-01	1.169388361
## FALSE_6294	-0.402499201	-3.752313e-01	-0.399005150
## TRUE_6295	0.498614361	-3.487436e-01	-0.399005150
## FALSE_6296	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6297	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6298	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6299	-0.102128014	-2.675898e-01	-0.399005150
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## FALSE_6301	0.498614361	-9.017865e-02	0.385191606
## FALSE_6302	-0.102128014	1.889002e-01	-0.399005150
## FALSE_6303	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6304	-0.402499201	-4.603300e-01	1.953585117
## FALSE_6305	1.399727924	3.337371e-01	0.385191606
## FALSE_6306	-0.402499201	-3.983376e-01	-0.399005150
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## TRUE_6308	0.198243174	-8.649667e-02	-0.399005150
## FALSE_6309	-0.102128014	-3.921383e-01	-0.399005150
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## FALSE_6311	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6312	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6313	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6314	-0.402499201	-9.739231e-02	-0.399005150
## FALSE_6315	0.198243174	3.579705e-01	-0.399005150
## FALSE_6316	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6317	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6318	-0.102128014	-3.239466e-01	-0.399005150
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## FALSE_6321	-0.402499201	-4.152446e-01	-0.399005150
## FALSE_6322	-0.102128014	-1.312064e-01	-0.399005150
## FALSE_6323	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6324	0.198243174	5.807677e-01	-0.399005150
## FALSE_6325	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_6327	-0.102128014	-1.819275e-01	-0.399005150
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## TRUE_6330	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6331	-0.402499201	-4.039732e-01	-0.399005150
## TRUE_6332	1.099356736	1.975410e+00	-0.399005150
## FALSE_6333	-0.102128014	3.230293e-01	-0.399005150
## FALSE_6334	2.601212673	9.559673e-01	1.169388361
## FALSE_6335	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6338	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6339	0.198243174	1.770652e-01	-0.399005150
## FALSE_6340	0.198243174	-2.444835e-01	-0.399005150
## FALSE_6341	-0.102128014	-2.138630e-01	-0.399005150
## FALSE_6342	2.300841486	2.798600e-01	1.169388361
## TRUE_6343	1.399727924	3.089401e-01	0.385191606
## FALSE_6344	0.498614361	1.090045e+00	1.169388361

## FALSE_6345	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6346	2.601212673	1.712600e+00	-0.399005150
## FALSE_6347	0.498614361	-1.248193e-01	-0.399005150
## FALSE_6348	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6349	-0.402499201	-1.537491e-01	-0.399005150
## FALSE_6350	-0.102128014	-9.739231e-02	-0.399005150
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## TRUE_6352	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_6354	-0.402499201	-4.603300e-01	-0.399005150
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## FALSE_6356	1.399727924	2.125700e-01	-0.399005150
## FALSE_6357	0.198243174	-3.295823e-01	-0.399005150
## FALSE_6358	-0.402499201	-3.352180e-01	1.169388361
## FALSE_6359	0.198243174	7.189785e-03	-0.399005150
## FALSE_6360	-0.402499201	-4.490587e-01	-0.399005150
## TRUE_6361	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6362	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6363	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6364	-0.402499201	-7.372246e-02	0.385191606
## FALSE_6365	-0.402499201	-4.377873e-01	0.385191606
## FALSE_6366	0.198243174	-1.199350e-01	-0.399005150
## FALSE_6367	-0.102128014	4.312395e-02	-0.399005150
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## FALSE_6369	1.399727924	9.459648e-02	-0.399005150
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## TRUE_6373	1.099356736	7.007889e-01	-0.399005150
## FALSE_6374	0.198243174	5.177042e-03	-0.399005150
## FALSE_6375	3.201955048	2.351310e+00	-0.399005150
## FALSE_6376	-0.102128014	1.584675e-01	-0.399005150
## FALSE_6377	1.700099111	1.917180e-01	-0.399005150
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## FALSE_6381	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6383	2.601212673	4.632633e+00	0.385191606
## FALSE_6384	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6385	-0.402499201	-4.554407e-02	0.385191606
## FALSE_6386	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6387	-0.102128014	-3.014039e-01	-0.399005150
## TRUE_6388	2.000470298	8.741987e-01	-0.399005150
## FALSE_6389	-0.102128014	-3.243223e-01	-0.399005150
## TRUE_6390	0.198243174	-3.307094e-01	-0.399005150
## FALSE_6391	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6392	0.198243174	-6.094315e-03	1.169388361
## FALSE_6393	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6394	1.099356736	1.858254e-03	1.169388361
## FALSE_6395	3.502326235	1.885240e+00	-0.399005150
## FALSE_6396	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6397	1.399727924	2.466847e-01	0.385191606
## TRUE_6398	0.198243174	1.339706e+00	0.385191606

## FALSE_6399	0.498614361	2.035529e-01	-0.399005150
## FALSE_6400	-0.102128014	2.497655e-01	0.385191606
## FALSE_6401	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_6402	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6403	1.399727924	1.832645e-01	-0.399005150
## FALSE_6404	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6405	-0.102128014	4.706841e-01	-0.399005150
## FALSE_6406	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6407	-0.102128014	6.183389e-01	-0.399005150
## FALSE_6408	3.502326235	2.269940e+00	1.169388361
## FALSE_6409	3.802697423	1.902031e+00	-0.399005150
## FALSE_6410	0.498614361	3.847400e-01	-0.399005150
## FALSE_6411	0.798985549	-2.525613e-01	-0.399005150
## FALSE_6412	0.198243174	-1.172999e-02	-0.399005150
## FALSE_6413	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6414	0.798985549	-6.808678e-02	1.953585117
## TRUE_6415	-0.102128014	-1.312064e-01	-0.399005150
## FALSE_6416	0.198243174	6.788285e-01	-0.399005150
## FALSE_6417	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6418	-0.402499201	-2.670262e-01	-0.399005150
## FALSE_6419	-0.702870388	-4.603300e-01	1.953585117
## FALSE_6420	0.198243174	-6.057255e-02	1.953585117
## FALSE_6421	3.201955048	9.128031e-01	-0.399005150
## TRUE_6422	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6423	2.300841486	4.985807e-01	-0.399005150
## FALSE_6424	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6425	-0.402499201	2.948509e-01	-0.399005150
## TRUE_6426	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6427	-0.102128014	-7.992171e-02	1.169388361
## FALSE_6428	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6429	-0.402499201	-2.901325e-01	-0.399005150
## FALSE_6430	0.198243174	-1.830546e-01	-0.399005150
## FALSE_6431	-0.102128014	-4.586366e-04	0.385191606
## FALSE_6432	0.198243174	9.253007e-02	1.169388361
## FALSE_6433	-0.102128014	-8.273955e-02	-0.399005150
## FALSE_6434	2.300841486	3.521596e+00	-0.399005150
## FALSE_6435	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6436	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6437	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6438	-0.102128014	3.899112e-02	-0.399005150
## FALSE_6439	1.399727924	4.132002e-01	-0.399005150
## FALSE_6440	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6441	0.798985549	-1.830546e-01	2.737781872
## TRUE_6442	-0.102128014	1.644840e-02	-0.399005150
## FALSE_6443	-0.402499201	1.926624e-02	-0.399005150
## TRUE_6444	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6445	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6446	-0.102128014	-3.239466e-01	-0.399005150
## FALSE_6447	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6448	-0.402499201	-2.844969e-01	-0.399005150
## FALSE_6449	-0.102128014	5.758886e-02	-0.399005150
## FALSE_6450	-0.102128014	-2.822426e-01	-0.399005150
## FALSE_6451	-0.102128014	9.872931e-02	-0.399005150
## FALSE_6452	1.099356736	5.264773e-01	-0.399005150

## FALSE_6453	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6454	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6455	2.300841486	-9.100011e-03	0.385191606
## FALSE_6456	0.498614361	-6.301467e-02	-0.399005150
## FALSE_6457	1.099356736	2.638547e-01	0.385191606
## FALSE_6458	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6459	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6460	-0.402499201	-3.295823e-01	-0.399005150
## FALSE_6461	0.498614361	-3.983376e-01	-0.399005150
## TRUE_6462	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6463	0.798985549	5.200902e-01	-0.399005150
## FALSE_6464	0.798985549	5.219688e-01	-0.399005150
## FALSE_6465	-0.402499201	-4.208803e-01	-0.399005150
## TRUE_6466	0.798985549	1.881576e+00	-0.399005150
## FALSE_6467	-0.102128014	-3.408536e-01	-0.399005150
## TRUE_6468	-0.402499201	-1.255707e-01	-0.399005150
## FALSE_6469	0.798985549	1.922816e-01	-0.399005150
## FALSE_6470	0.798985549	1.789433e+00	1.169388361
## FALSE_6471	0.798985549	1.421240e-01	-0.399005150
## FALSE_6472	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6473	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6474	0.798985549	-2.799883e-01	-0.399005150
## FALSE_6475	0.498614361	-1.537491e-01	-0.399005150
## FALSE_6476	-0.102128014	7.674965e-01	-0.399005150
## FALSE_6477	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6478	0.198243174	7.378153e-01	-0.399005150
## FALSE_6479	-0.402499201	4.425057e-01	-0.399005150
## FALSE_6480	1.700099111	2.142039e-02	0.385191606
## FALSE_6481	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6482	-0.402499201	4.932268e-01	-0.399005150
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## TRUE_6484	-0.402499201	-3.352180e-01	-0.399005150
## FALSE_6485	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6487	2.300841486	4.076937e-01	-0.399005150
## FALSE_6488	0.198243174	2.887644e-01	2.737781872
## TRUE_6489	3.502326235	1.009095e+00	1.953585117
## FALSE_6490	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6491	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6492	2.000470298	4.561722e-01	-0.399005150
## FALSE_6493	0.198243174	-5.117975e-02	-0.399005150
## FALSE_6494	0.198243174	6.153383e-02	-0.399005150
## FALSE_6495	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6497	0.798985549	-2.179958e-01	-0.399005150
## FALSE_6498	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6499	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6500	0.498614361	-4.586366e-04	-0.399005150
## FALSE_6501	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6502	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6503	-0.102128014	1.159928e+00	1.169388361
## TRUE_6504	1.099356736	6.093218e-01	-0.399005150
## FALSE_6505	1.700099111	2.717447e-01	-0.399005150
## FALSE_6506	0.198243174	-1.781704e-01	-0.399005150

## FALSE_6507	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6508	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_6509	0.198243174	-2.619541e-01	-0.399005150
## FALSE_6510	0.798985549	-2.816790e-01	1.953585117
## FALSE_6511	1.099356736	4.396879e-01	0.385191606
## FALSE_6512	0.798985549	9.294284e-01	-0.399005150
## FALSE_6513	-0.102128014	8.223505e-01	-0.399005150
## FALSE_6514	2.000470298	7.541588e-01	0.385191606
## FALSE_6515	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6516	-0.402499201	-3.014039e-01	0.385191606
## FALSE_6517	1.700099111	5.169618e-01	-0.399005150
## TRUE_6518	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6519	1.700099111	7.648666e-01	1.169388361
## FALSE_6520	-0.102128014	-3.352180e-01	-0.399005150
## FALSE_6521	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6522	4.703810985	2.966952e+00	4.306175383
## FALSE_6523	0.198243174	2.045856e+00	-0.399005150
## FALSE_6524	1.700099111	1.660564e+00	1.953585117
## FALSE_6525	-0.402499201	-4.586366e-04	-0.399005150
## FALSE_6526	-0.102128014	-2.850604e-01	1.953585117
## FALSE_6527	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6528	2.000470298	1.200272e+00	1.169388361
## FALSE_6529	-0.102128014	-3.295823e-01	-0.399005150
## FALSE_6530	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6531	0.198243174	-1.943260e-01	-0.399005150
## FALSE_6532	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6533	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6534	4.103068610	1.312119e+00	-0.399005150
## TRUE_6535	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6536	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6537	-0.702870388	-4.603300e-01	1.169388361
## TRUE_6538	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6539	-0.102128014	3.296043e-01	2.737781872
## TRUE_6540	2.300841486	2.445501e+00	1.953585117
## FALSE_6541	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6542	-0.102128014	-3.464893e-01	-0.399005150
## FALSE_6543	-0.402499201	-3.521250e-01	-0.399005150
## FALSE_6544	-0.402499201	-1.931989e-01	-0.399005150
## FALSE_6545	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6546	1.399727924	4.904090e-01	-0.399005150
## TRUE_6547	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6548	0.798985549	5.480056e-01	0.385191606
## FALSE_6549	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6550	-0.102128014	-3.126752e-01	-0.399005150
## FALSE_6551	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6552	1.399727924	-1.993981e-01	-0.399005150
## FALSE_6553	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6554	0.798985549	7.186540e-01	-0.399005150
## FALSE_6555	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6556	-0.102128014	-1.481134e-01	1.169388361
## FALSE_6557	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6558	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6559	1.399727924	1.235263e-01	-0.399005150
## FALSE_6560	-0.102128014	5.676178e-01	-0.399005150

## FALSE_6561	3.802697423	6.135486e-01	1.169388361
## TRUE_6562	0.798985549	4.476212e-01	3.521978628
## FALSE_6563	-0.102128014	-2.732255e-01	-0.399005150
## FALSE_6564	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6565	1.700099111	1.278761e+00	-0.399005150
## TRUE_6566	0.498614361	8.896588e+00	-0.399005150
## TRUE_6567	-0.102128014	-2.563185e-01	-0.399005150
## FALSE_6568	3.201955048	4.687988e+00	1.953585117
## FALSE_6569	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6570	1.099356736	5.544679e-01	-0.399005150
## TRUE_6571	-0.402499201	-3.464893e-01	-0.399005150
## FALSE_6572	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6573	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6575	0.798985549	-4.103552e-02	-0.399005150
## FALSE_6576	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6577	0.198243174	7.280519e-02	-0.399005150
## FALSE_6578	-0.702870388	-4.603300e-01	0.385191606
## TRUE_6579	-0.102128014	-4.352462e-02	-0.399005150
## FALSE_6580	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6581	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6582	2.000470298	5.383123e-01	-0.399005150
## FALSE_6583	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6584	0.498614361	7.430804e-02	-0.399005150
## FALSE_6585	-0.102128014	-2.720984e-01	-0.399005150
## FALSE_6586	-0.102128014	3.500806e-01	1.169388361
## TRUE_6587	1.399727924	1.383865e+00	2.737781872
## TRUE_6588	-0.102128014	-3.690320e-01	-0.399005150
## FALSE_6589	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6590	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6591	0.798985549	-1.368421e-01	-0.399005150
## FALSE_6592	1.399727924	5.916634e-01	5.090372139
## TRUE_6593	0.198243174	-1.514948e-01	0.385191606
## FALSE_6594	-0.402499201	-3.070396e-01	-0.399005150
## FALSE_6595	5.004182173	1.466039e+00	0.385191606
## FALSE_6596	0.498614361	-6.094315e-03	-0.399005150
## FALSE_6597	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6598	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6599	0.198243174	8.967414e-01	0.385191606
## TRUE_6600	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6601	0.198243174	-3.701592e-01	-0.399005150
## FALSE_6602	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6603	-0.402499201	-1.650205e-01	-0.399005150
## TRUE_6604	-0.402499201	-4.152446e-01	-0.399005150
## FALSE_6605	5.304553360	6.637415e-01	5.090372139
## FALSE_6606	0.198243174	3.294159e+00	3.521978628
## FALSE_6607	0.198243174	-4.321516e-01	-0.399005150
## FALSE_6608	1.099356736	2.055343e+00	-0.399005150
## FALSE_6609	0.198243174	1.404333e-01	-0.399005150
## FALSE_6610	2.901583861	7.892573e-01	2.737781872
## FALSE_6611	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6612	4.703810985	4.808283e-01	-0.399005150
## TRUE_6613	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_6614	2.300841486	3.378700e-01	-0.399005150

## TRUE_6615	-0.102128014	-2.613906e-01	-0.399005150
## FALSE_6616	-0.402499201	-3.126752e-01	-0.399005150
## FALSE_6617	-0.102128014	-1.988345e-01	-0.399005150
## FALSE_6618	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6619	-0.702870388	-4.603300e-01	1.169388361
## TRUE_6620	-0.102128014	3.117580e-01	-0.399005150
## TRUE_6621	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6622	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6623	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6624	0.198243174	1.235263e-01	-0.399005150
## FALSE_6625	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6626	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6627	1.099356736	3.343007e-01	-0.399005150
## TRUE_6628	0.498614361	1.744911e+00	-0.399005150
## FALSE_6629	1.099356736	-4.723477e-02	0.385191606
## FALSE_6630	0.498614361	-2.337757e-01	0.385191606
## FALSE_6631	-0.102128014	5.445115e-01	1.169388361
## TRUE_6632	0.498614361	5.366967e-01	0.385191606
## FALSE_6633	0.198243174	-3.098574e-01	1.169388361
## FALSE_6634	2.901583861	5.464840e-01	-0.399005150
## FALSE_6635	0.498614361	-5.289729e-02	0.385191606
## FALSE_6636	1.099356736	2.723082e-01	1.169388361
## FALSE_6637	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6638	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6639	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6640	1.399727924	1.518263e+00	0.385191606
## TRUE_6641	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6642	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6643	0.198243174	1.810102e-01	-0.399005150
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## FALSE_6645	1.399727924	3.471500e-01	-0.399005150
## FALSE_6646	0.798985549	3.350897e-01	-0.399005150
## FALSE_6647	1.399727924	3.020834e-01	1.953585117
## FALSE_6648	2.300841486	2.464587e+00	-0.399005150
## TRUE_6649	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6650	-0.102128014	-2.863703e-02	-0.399005150
## FALSE_6651	-0.102128014	-1.819275e-01	1.169388361
## FALSE_6652	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6653	-0.402499201	-2.938897e-01	-0.399005150
## FALSE_6654	-0.102128014	-2.619541e-01	1.169388361
## FALSE_6655	0.498614361	-2.337757e-01	0.385191606
## FALSE_6656	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6657	-0.402499201	-3.239466e-01	-0.399005150
## FALSE_6658	-0.402499201	7.603580e-01	-0.399005150
## TRUE_6659	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6660	0.498614361	9.534791e-02	-0.399005150
## FALSE_6661	0.198243174	-1.285713e-02	-0.399005150
## FALSE_6662	2.000470298	2.301372e-01	-0.399005150
## FALSE_6663	0.498614361	1.471962e-01	1.953585117
## FALSE_6664	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6665	0.798985549	-6.695965e-02	-0.399005150
## TRUE_6666	-0.702870388	-4.603300e-01	3.521978628
## FALSE_6667	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6668	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_6669	1.099356736	6.786407e-01	-0.399005150
## FALSE_6670	0.798985549	1.964195e-02	2.737781872
## FALSE_6671	-0.102128014	-3.070396e-01	-0.399005150
## TRUE_6672	-0.402499201	6.153383e-02	-0.399005150
## FALSE_6673	0.498614361	3.089401e-01	-0.399005150
## TRUE_6674	0.198243174	-1.500859e-01	-0.399005150
## FALSE_6675	-0.402499201	-3.690320e-01	0.385191606
## FALSE_6676	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6677	0.498614361	-3.414172e-01	1.169388361
## FALSE_6678	2.901583861	1.963897e+00	10.579749428
## FALSE_6679	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6680	-0.402499201	-5.681543e-02	-0.399005150
## TRUE_6681	0.798985549	-1.599484e-01	-0.399005150
## FALSE_6682	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_6683	-0.402499201	5.286189e-01	-0.399005150
## FALSE_6684	0.498614361	8.294941e-02	1.169388361
## FALSE_6685	1.700099111	1.161055e+00	-0.399005150
## FALSE_6686	2.901583861	3.857732e-01	-0.399005150
## FALSE_6687	-0.102128014	-6.245110e-02	-0.399005150
## TRUE_6688	0.198243174	-2.225044e-01	-0.399005150
## TRUE_6689	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6690	-0.102128014	9.685585e-03	1.169388361
## FALSE_6691	3.201955048	3.317646e-01	0.385191606
## FALSE_6692	2.000470298	2.074692e+00	-0.399005150
## FALSE_6693	1.399727924	2.353006e-01	-0.399005150
## FALSE_6694	0.198243174	-8.048528e-02	-0.399005150
## FALSE_6695	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6696	-0.402499201	-1.736567e-02	-0.399005150
## FALSE_6697	1.099356736	-1.633298e-01	-0.399005150
## FALSE_6698	1.399727924	-3.117309e-02	-0.399005150
## FALSE_6699	2.300841486	-1.773628e-03	-0.399005150
## FALSE_6700	0.198243174	-1.128904e-01	5.090372139
## FALSE_6701	1.700099111	5.974869e-01	-0.399005150
## FALSE_6702	2.300841486	2.803479e+00	-0.399005150
## FALSE_6703	-0.402499201	3.624791e-01	-0.399005150
## TRUE_6704	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6705	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6706	0.498614361	-3.472407e-01	0.385191606
## FALSE_6707	0.798985549	-1.116643e-02	-0.399005150
## FALSE_6708	1.700099111	4.507821e-01	-0.399005150
## FALSE_6709	0.198243174	1.047214e+00	-0.399005150
## FALSE_6710	0.198243174	1.146966e+00	-0.399005150
## TRUE_6711	-0.402499201	-3.014039e-01	-0.399005150
## FALSE_6712	3.201955048	9.290527e-01	-0.399005150
## FALSE_6713	0.798985549	1.804467e-01	-0.399005150
## TRUE_6714	2.300841486	7.527189e-01	1.169388361
## FALSE_6715	-0.102128014	-2.920111e-01	1.169388361
## FALSE_6716	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6717	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6718	0.498614361	-1.593848e-01	1.169388361
## FALSE_6719	-0.102128014	2.655454e-01	1.169388361
## TRUE_6720	0.198243174	7.400696e-01	-0.399005150
## FALSE_6721	-0.402499201	5.177042e-03	-0.399005150
## FALSE_6722	-0.402499201	-4.603300e-01	-0.399005150

## FALSE_6723	3.502326235	1.442162e+00	-0.399005150
## FALSE_6724	0.798985549	-6.639608e-02	-0.399005150
## FALSE_6725	0.198243174	6.829665e-02	-0.399005150
## FALSE_6726	-0.102128014	-2.863703e-02	-0.399005150
## TRUE_6727	-0.402499201	-1.988345e-01	-0.399005150
## TRUE_6728	-0.402499201	-3.577607e-01	-0.399005150
## FALSE_6729	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6730	2.300841486	7.501199e-01	1.953585117
## FALSE_6731	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6732	0.198243174	1.907219e+00	1.169388361
## TRUE_6733	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6734	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6735	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6736	1.099356736	3.899112e-02	-0.399005150
## TRUE_6737	-0.402499201	4.199630e-01	-0.399005150
## FALSE_6738	0.498614361	1.028241e+00	0.385191606
## FALSE_6739	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6740	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6741	3.201955048	9.819300e-01	-0.399005150
## FALSE_6742	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6743	0.798985549	-1.142994e-01	0.385191606
## TRUE_6744	-0.402499201	-3.927019e-01	-0.399005150
## FALSE_6745	5.004182173	8.381013e-01	1.953585117
## FALSE_6746	-0.702870388	-4.603300e-01	1.953585117
## FALSE_6747	-0.402499201	-3.521250e-01	-0.399005150
## FALSE_6748	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6749	-0.402499201	-3.408536e-01	0.385191606
## FALSE_6750	-0.402499201	-3.464893e-01	-0.399005150
## FALSE_6751	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6752	2.601212673	3.679828e+00	-0.399005150
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## FALSE_6754	2.601212673	1.312660e-01	1.169388361
## FALSE_6755	0.198243174	-1.362785e-01	1.169388361
## FALSE_6756	-0.402499201	-3.295823e-01	-0.399005150
## FALSE_6757	-0.402499201	-3.746677e-01	1.169388361
## FALSE_6758	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6759	2.000470298	2.838614e-01	2.737781872
## FALSE_6760	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6761	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6762	0.198243174	-1.312064e-01	-0.399005150
## FALSE_6763	0.798985549	8.065706e-01	-0.399005150
## FALSE_6764	0.498614361	-1.824911e-01	-0.399005150
## FALSE_6765	0.498614361	9.080128e-01	-0.399005150
## FALSE_6766	-0.402499201	-1.424777e-01	0.385191606
## FALSE_6767	-0.102128014	5.617994e-02	-0.399005150
## FALSE_6768	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6769	1.700099111	2.468723e-02	1.169388361
## FALSE_6770	1.099356736	8.465839e-01	-0.399005150
## FALSE_6771	0.498614361	3.951660e-01	-0.399005150
## FALSE_6772	-0.702870388	-4.603300e-01	0.385191606
## TRUE_6773	2.601212673	6.894878e+00	2.737781872
## FALSE_6774	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6775	0.798985549	1.562132e-01	2.737781872
## FALSE_6776	0.498614361	-2.750990e-02	-0.399005150

## FALSE_6777	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6778	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6779	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_6780	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6781	0.198243174	2.193328e-01	1.953585117
## FALSE_6782	0.498614361	1.627882e-01	-0.399005150
## FALSE_6783	1.700099111	3.658605e-01	0.385191606
## TRUE_6784	0.798985549	3.703690e-01	-0.399005150
## FALSE_6785	0.198243174	-1.909446e-01	-0.399005150
## FALSE_6786	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6787	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_6788	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6789	2.601212673	7.455487e-01	2.737781872
## FALSE_6790	2.300841486	7.581925e+00	0.385191606
## FALSE_6791	3.502326235	1.203322e+00	1.953585117
## FALSE_6792	1.700099111	6.473627e-01	-0.399005150
## TRUE_6793	-0.102128014	-3.526886e-01	-0.399005150
## FALSE_6794	1.099356736	-2.796126e-01	-0.399005150
## FALSE_6795	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6796	-0.402499201	-3.352180e-01	-0.399005150
## FALSE_6797	0.498614361	9.663421e-01	-0.399005150
## TRUE_6798	1.700099111	1.190924e+00	-0.399005150
## TRUE_6799	0.198243174	-1.988345e-01	-0.399005150
## FALSE_6800	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6801	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_6802	-0.402499201	-4.039732e-01	-0.399005150
## FALSE_6803	2.000470298	1.093652e+00	0.385191606
## FALSE_6804	0.798985549	1.384791e+00	-0.399005150
## FALSE_6805	0.498614361	5.743806e-01	-0.399005150
## FALSE_6806	1.399727924	2.835796e-01	2.737781872
## FALSE_6807	1.099356736	1.100007e-01	1.169388361
## TRUE_6808	-0.402499201	-3.893205e-01	-0.399005150
## FALSE_6809	0.198243174	-1.250071e-01	-0.399005150
## FALSE_6810	0.798985549	-2.992435e-01	-0.399005150
## TRUE_6811	0.198243174	-4.039732e-01	-0.399005150
## FALSE_6812	2.601212673	5.872453e-02	-0.399005150
## TRUE_6813	1.700099111	1.113602e+00	-0.399005150
## FALSE_6814	2.000470298	1.853398e+00	-0.399005150
## TRUE_6815	0.498614361	2.779439e-01	-0.399005150
## TRUE_6816	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6817	-0.402499201	-3.464893e-01	-0.399005150
## FALSE_6818	2.601212673	4.165816e-01	-0.399005150
## FALSE_6819	3.502326235	5.722104e+00	0.385191606
## TRUE_6820	-0.702870388	-4.603300e-01	0.385191606
## TRUE_6821	-0.102128014	9.658724e-01	0.385191606
## FALSE_6822	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_6823	0.198243174	1.081272e-02	-0.399005150
## TRUE_6824	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6825	0.498614361	1.156363e-01	-0.399005150
## FALSE_6826	4.403439798	8.160026e-02	3.521978628
## TRUE_6827	0.798985549	5.353817e-01	1.953585117
## FALSE_6828	-0.402499201	-1.509313e-01	-0.399005150
## FALSE_6829	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6830	-0.402499201	3.861489e-01	0.385191606

## FALSE_6831	-0.402499201	-3.070396e-01	-0.399005150
## FALSE_6832	1.399727924	9.902937e-01	-0.399005150
## FALSE_6833	-0.102128014	-3.996257e-01	-0.399005150
## FALSE_6834	-0.402499201	3.955468e-02	-0.399005150
## FALSE_6835	0.198243174	9.588144e-01	1.169388361
## FALSE_6836	-0.102128014	2.148243e-01	0.385191606
## FALSE_6837	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6838	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_6839	1.099356736	1.157110e+00	-0.399005150
## FALSE_6840	0.198243174	-2.608270e-01	-0.399005150
## FALSE_6841	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6842	2.601212673	1.478907e+00	1.169388361
## FALSE_6843	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6844	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6845	0.198243174	2.104821e-01	1.169388361
## FALSE_6846	0.498614361	2.937238e-01	-0.399005150
## FALSE_6847	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6848	0.798985549	-1.075365e-01	-0.399005150
## FALSE_6849	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6850	0.498614361	-1.109179e-01	0.385191606
## FALSE_6851	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6852	-0.102128014	-7.372246e-02	-0.399005150
## FALSE_6853	2.300841486	-1.567497e-02	-0.399005150
## FALSE_6854	0.798985549	1.964195e-02	0.385191606
## FALSE_6855	-0.402499201	-3.498707e-01	-0.399005150
## FALSE_6856	3.502326235	3.668317e-02	3.521978628
## FALSE_6857	0.498614361	1.269077e-01	-0.399005150
## FALSE_6858	0.198243174	5.026247e-02	-0.399005150
## TRUE_6859	1.700099111	2.114612e+00	-0.399005150
## TRUE_6860	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6861	3.201955048	1.951866e+00	1.169388361
## TRUE_6862	3.201955048	6.989291e-01	-0.399005150
## FALSE_6863	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6864	0.798985549	-2.365936e-01	-0.399005150
## TRUE_6865	-0.402499201	-1.706561e-01	-0.399005150
## FALSE_6866	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6867	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6868	1.700099111	7.870148e-01	1.169388361
## TRUE_6869	0.198243174	-1.960167e-01	-0.399005150
## FALSE_6870	2.000470298	2.408987e-01	-0.399005150
## FALSE_6871	0.498614361	1.795635e-03	-0.399005150
## FALSE_6872	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6873	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6874	0.498614361	-2.822426e-01	-0.399005150
## TRUE_6875	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6876	0.498614361	3.256438e+00	1.953585117
## FALSE_6877	2.000470298	3.010502e-01	-0.399005150
## FALSE_6878	1.099356736	1.573680e+00	2.737781872
## FALSE_6879	4.103068610	2.049520e+00	-0.399005150
## FALSE_6880	0.198243174	-1.819275e-01	-0.399005150
## FALSE_6881	0.498614361	-2.863703e-02	5.090372139
## FALSE_6882	0.198243174	-2.506828e-01	0.385191606
## FALSE_6883	0.198243174	-1.593848e-01	-0.399005150
## FALSE_6884	-0.402499201	-4.603300e-01	0.385191606

## FALSE_6885	0.198243174	-3.352180e-01	-0.399005150
## FALSE_6886	-0.102128014	-2.168687e-01	-0.399005150
## FALSE_6887	-0.102128014	-1.300793e-01	-0.399005150
## TRUE_6888	-0.402499201	-3.667778e-01	-0.399005150
## FALSE_6889	3.201955048	7.765606e-01	-0.399005150
## FALSE_6890	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6891	1.099356736	4.912543e-01	-0.399005150
## TRUE_6892	0.498614361	5.871599e-02	1.169388361
## FALSE_6893	-0.402499201	-4.406052e-01	-0.399005150
## FALSE_6894	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6895	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6896	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6897	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6898	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6899	2.000470298	1.227274e+00	1.169388361
## FALSE_6900	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6901	-0.102128014	1.442275e+00	-0.399005150
## FALSE_6902	0.498614361	2.210235e-01	-0.399005150
## FALSE_6903	0.198243174	-1.150508e-01	-0.399005150
## FALSE_6904	-0.402499201	4.537771e-01	-0.399005150
## FALSE_6905	-0.102128014	-2.157416e-01	-0.399005150
## FALSE_6906	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6907	-0.102128014	-1.368421e-01	1.169388361
## FALSE_6908	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6909	1.399727924	1.567768e-01	-0.399005150
## FALSE_6910	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6911	0.198243174	-8.273955e-02	-0.399005150
## FALSE_6912	3.201955048	1.312715e+00	-0.399005150
## TRUE_6913	-0.402499201	-3.126752e-01	0.385191606
## FALSE_6914	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6915	0.798985549	1.802588e-01	-0.399005150
## FALSE_6916	0.198243174	9.083936e-02	-0.399005150
## FALSE_6917	0.198243174	-1.819275e-01	2.737781872
## TRUE_6918	2.300841486	2.633658e+00	3.521978628
## FALSE_6919	0.498614361	-6.357824e-02	1.169388361
## FALSE_6920	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6921	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6922	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6923	0.798985549	-1.646447e-01	0.385191606
## FALSE_6924	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6925	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6926	0.198243174	-1.250071e-01	-0.399005150
## FALSE_6927	2.300841486	2.884258e+00	0.385191606
## FALSE_6928	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6929	0.198243174	-2.920060e-02	-0.399005150
## FALSE_6930	0.798985549	-2.112330e-01	3.521978628
## TRUE_6931	1.399727924	1.782670e+00	-0.399005150
## FALSE_6932	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6933	0.798985549	-3.476165e-01	-0.399005150
## FALSE_6934	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6935	0.498614361	-1.526220e-01	1.169388361
## FALSE_6936	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6937	-0.402499201	-2.157416e-01	-0.399005150
## TRUE_6938	-0.102128014	-4.103552e-02	-0.399005150

## FALSE_6939	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6940	2.300841486	2.616809e-01	-0.399005150
## FALSE_6941	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6942	-0.102128014	1.158237e+00	-0.399005150
## FALSE_6943	1.700099111	-2.126419e-01	0.385191606
## FALSE_6944	-0.402499201	-2.957682e-01	-0.399005150
## FALSE_6945	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6946	-0.102128014	-6.245110e-02	-0.399005150
## FALSE_6947	-0.102128014	-1.988345e-01	0.385191606
## FALSE_6948	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_6949	-0.102128014	-1.993981e-01	-0.399005150
## FALSE_6950	1.700099111	-8.724809e-02	1.953585117
## FALSE_6951	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6952	0.198243174	-1.702053e-01	-0.399005150
## FALSE_6953	-0.102128014	-2.394114e-01	-0.399005150
## FALSE_6954	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6955	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6956	3.201955048	1.484073e+00	-0.399005150
## FALSE_6957	-0.402499201	2.148243e-01	-0.399005150
## TRUE_6958	0.798985549	7.727565e-01	-0.399005150
## FALSE_6959	2.601212673	1.645272e+00	6.658765650
## FALSE_6960	0.498614361	6.296103e-01	-0.399005150
## FALSE_6961	0.198243174	1.332943e+00	-0.399005150
## FALSE_6962	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6963	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6964	-0.102128014	-3.250737e-01	-0.399005150
## TRUE_6965	2.601212673	8.089376e-01	1.169388361
## FALSE_6966	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6967	0.198243174	-1.819275e-01	1.169388361
## FALSE_6968	0.198243174	-1.030280e-01	-0.399005150
## FALSE_6969	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_6970	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6971	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6972	-0.102128014	3.376821e-01	-0.399005150
## FALSE_6973	2.601212673	8.927965e-01	0.385191606
## FALSE_6974	-0.402499201	-4.603300e-01	1.953585117
## FALSE_6975	1.099356736	1.550861e-01	-0.399005150
## FALSE_6976	-0.102128014	-3.427271e-02	1.169388361
## FALSE_6977	0.198243174	1.489615e+00	0.385191606
## FALSE_6978	0.198243174	-1.180565e-01	-0.399005150
## FALSE_6979	1.700099111	1.825882e-01	-0.399005150
## TRUE_6980	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6981	0.798985549	5.430138e-02	-0.399005150
## FALSE_6982	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6983	2.300841486	5.029560e-01	-0.399005150
## FALSE_6984	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6985	2.000470298	3.641698e-01	2.737781872
## FALSE_6986	-0.102128014	-2.585727e-01	-0.399005150
## FALSE_6987	-0.102128014	-5.117975e-02	-0.399005150
## FALSE_6988	-0.402499201	-3.295823e-01	-0.399005150
## TRUE_6989	0.798985549	4.051224e-01	-0.399005150
## FALSE_6990	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6991	-0.102128014	-3.295823e-01	-0.399005150
## FALSE_6992	-0.102128014	5.236595e-01	-0.399005150

## FALSE_6993	4.103068610	5.473268e-01	1.169388361
## FALSE_6994	-0.402499201	2.610369e-01	1.169388361
## FALSE_6995	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6996	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6997	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6998	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6999	0.798985549	1.742488e+00	1.169388361
## TRUE_7000	2.300841486	1.180981e+00	-0.399005150
## FALSE_7001	-0.102128014	-1.193715e-01	-0.399005150
## TRUE_7002	0.498614361	7.736958e-01	-0.399005150
## TRUE_7003	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7004	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7005	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7006	1.700099111	1.136701e-01	2.737781872
## FALSE_7007	1.399727924	1.825220e+00	0.385191606
## FALSE_7008	0.198243174	-3.539985e-02	-0.399005150
## TRUE_7009	0.198243174	-3.427271e-02	-0.399005150
## FALSE_7010	1.099356736	2.415049e-02	0.385191606
## FALSE_7011	1.700099111	6.241624e-01	1.169388361
## TRUE_7012	0.798985549	3.066859e-01	-0.399005150
## FALSE_7013	-0.102128014	-2.337757e-01	1.169388361
## FALSE_7014	0.798985549	2.206285e+00	1.169388361
## FALSE_7015	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7016	0.498614361	1.464818e+00	-0.399005150
## TRUE_7017	-0.102128014	-3.183109e-01	-0.399005150
## TRUE_7018	-0.702870388	-4.603300e-01	3.521978628
## FALSE_7019	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7020	-0.402499201	-2.270129e-01	-0.399005150
## FALSE_7021	0.198243174	-9.851435e-03	-0.399005150
## FALSE_7022	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7023	1.099356736	6.803314e-01	0.385191606
## FALSE_7024	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7025	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7026	1.700099111	2.969549e-01	1.953585117
## FALSE_7027	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7028	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7029	-0.102128014	-3.464893e-01	-0.399005150
## FALSE_7030	0.498614361	6.716951e-02	-0.399005150
## FALSE_7031	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7032	-0.102128014	4.887183e-01	-0.399005150
## FALSE_7033	1.099356736	1.573404e-01	-0.399005150
## FALSE_7034	0.798985549	-1.405992e-01	0.385191606
## FALSE_7035	1.700099111	1.704715e-01	-0.399005150
## FALSE_7036	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7037	-0.402499201	-3.014039e-01	-0.399005150
## FALSE_7038	0.498614361	1.444529e+00	-0.399005150
## FALSE_7039	-0.102128014	5.591643e-01	-0.399005150
## FALSE_7040	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7041	2.300841486	1.443966e+00	0.385191606
## FALSE_7042	0.498614361	2.739989e-01	1.169388361
## FALSE_7043	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_7044	0.198243174	-1.878450e-01	1.169388361
## FALSE_7045	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7046	-0.102128014	-2.901325e-01	-0.399005150

## FALSE_7047	0.198243174	5.421445e-01	-0.399005150
## FALSE_7048	1.399727924	8.608610e-01	-0.399005150
## FALSE_7049	2.300841486	1.683670e+00	-0.399005150
## FALSE_7050	1.099356736	1.167635e-01	1.169388361
## TRUE_7051	-0.402499201	3.805133e-01	-0.399005150
## FALSE_7052	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7053	-0.402499201	2.272228e-01	-0.399005150
## FALSE_7054	3.802697423	1.694453e+00	1.169388361
## FALSE_7055	1.099356736	1.042706e+00	-0.399005150
## FALSE_7056	0.498614361	2.381743e+00	-0.399005150
## FALSE_7057	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7058	-0.402499201	-3.295823e-01	-0.399005150
## TRUE_7059	-0.402499201	5.177042e-03	-0.399005150
## TRUE_7060	2.000470298	3.448257e-02	0.385191606
## FALSE_7061	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7062	0.198243174	9.530982e-01	1.169388361
## FALSE_7063	0.798985549	5.024318e-01	-0.399005150
## FALSE_7064	0.798985549	9.829673e-01	1.169388361
## FALSE_7065	1.399727924	1.302510e+00	0.385191606
## FALSE_7066	1.099356736	1.000344e+00	-0.399005150
## FALSE_7067	1.399727924	1.236448e+00	-0.399005150
## FALSE_7068	-0.402499201	1.387426e-01	-0.399005150
## FALSE_7069	0.798985549	1.945359e-01	-0.399005150
## FALSE_7070	-0.102128014	-2.382843e-01	-0.399005150
## FALSE_7071	0.798985549	-2.712908e-03	-0.399005150
## FALSE_7072	0.198243174	-2.275765e-01	-0.399005150
## FALSE_7073	2.901583861	9.675682e-02	0.385191606
## FALSE_7074	-0.402499201	-2.873147e-01	-0.399005150
## FALSE_7075	-0.102128014	-1.137358e-01	-0.399005150
## FALSE_7076	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7077	-0.402499201	-2.450471e-01	0.385191606
## FALSE_7078	-0.702870388	-4.603300e-01	0.385191606
## FALSE_7079	3.802697423	4.226426e+00	-0.399005150
## FALSE_7080	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7081	-0.102128014	-4.554407e-02	-0.399005150
## FALSE_7082	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7083	2.000470298	1.186979e+00	-0.399005150
## FALSE_7084	-0.102128014	-3.160567e-01	-0.399005150
## TRUE_7085	-0.402499201	-4.039732e-01	-0.399005150
## FALSE_7086	0.798985549	1.432131e+00	-0.399005150
## FALSE_7087	2.901583861	6.852908e-01	2.737781872
## FALSE_7088	1.399727924	1.246717e+00	-0.399005150
## TRUE_7089	-0.102128014	-3.464893e-01	-0.399005150
## FALSE_7090	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7091	0.198243174	-1.931989e-01	-0.399005150
## FALSE_7092	-0.402499201	-1.142994e-01	-0.399005150
## TRUE_7093	1.700099111	1.533010e+00	4.306175383
## FALSE_7094	0.498614361	1.329191e-01	-0.399005150
## FALSE_7095	2.000470298	5.867791e-01	-0.399005150
## FALSE_7096	1.099356736	-2.625177e-01	-0.399005150
## FALSE_7097	0.798985549	3.618216e-01	-0.399005150
## TRUE_7098	-0.102128014	1.979173e-01	-0.399005150
## TRUE_7099	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7100	1.099356736	5.245049e-01	1.169388361

## FALSE_7101	-0.102128014	3.675512e-01	-0.399005150
## FALSE_7102	-0.402499201	1.528318e-01	-0.399005150
## FALSE_7103	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7104	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7105	2.000470298	1.984427e+00	1.169388361
## FALSE_7106	-0.402499201	-2.957682e-01	-0.399005150
## FALSE_7107	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_7108	0.198243174	7.844087e-02	-0.399005150
## TRUE_7109	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7110	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7111	1.399727924	6.899120e-01	-0.399005150
## FALSE_7112	0.498614361	-2.781098e-01	-0.399005150
## TRUE_7113	1.700099111	1.797605e+00	-0.399005150
## FALSE_7114	0.198243174	2.077797e-01	-0.399005150
## FALSE_7115	-0.102128014	3.962932e-01	-0.399005150
## FALSE_7116	2.000470298	9.885654e-01	1.169388361
## TRUE_7117	-0.102128014	-2.694684e-01	2.737781872
## FALSE_7118	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7119	0.198243174	1.306699e-02	-0.399005150
## TRUE_7120	-0.102128014	-4.096089e-01	-0.399005150
## TRUE_7121	-0.102128014	-3.803034e-01	-0.399005150
## TRUE_7122	1.700099111	8.971223e-02	-0.399005150
## FALSE_7123	-0.402499201	-1.931989e-01	-0.399005150
## FALSE_7124	-0.702870388	-4.603300e-01	0.385191606
## FALSE_7125	2.000470298	4.321111e-01	1.953585117
## FALSE_7126	0.198243174	1.027489e+00	-0.399005150
## TRUE_7127	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_7128	-0.702870388	-4.603300e-01	5.090372139
## FALSE_7129	-0.702870388	-4.659657e-01	-0.399005150
## TRUE_7130	0.198243174	5.026247e-02	-0.399005150
## FALSE_7131	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7132	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7133	-0.402499201	-4.034097e-01	-0.399005150
## FALSE_7134	-0.702870388	-4.603300e-01	0.385191606
## FALSE_7135	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7136	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7137	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7138	0.498614361	1.208958e+00	-0.399005150
## FALSE_7139	-0.402499201	-1.481134e-01	-0.399005150
## FALSE_7140	-0.402499201	8.347490e-01	-0.399005150
## FALSE_7141	-0.402499201	-2.672141e-01	1.169388361
## FALSE_7142	0.498614361	-2.634570e-01	-0.399005150
##	Informational_Duration	ProductRelated	ProductRelated_Duration
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## FALSE_2	-0.2463912944	-0.674267360	-0.5951807969
## FALSE_3	-0.2534639819	-0.696699452	-0.6290466509
## FALSE_4	-0.2463912944	-0.674267360	-0.6271362694
## FALSE_5	-0.2463912944	-0.494810625	-0.3015898934
## FALSE_6	-0.2463912944	-0.292921799	-0.5481767283
## FALSE_7	-0.2534639819	-0.696699452	-0.6290466509
## FALSE_8	-0.2534639819	-0.696699452	-0.6290466509
## FALSE_9	-0.2463912944	-0.674267360	-0.6092481517
## FALSE_10	-0.2463912944	-0.651835269	-0.2440179416
## FALSE_11	-0.2463912944	-0.651835269	-0.4227254481

## FALSE_12	-0.2463912944	-0.360218074	-0.4160825306
## FALSE_13	-0.2463912944	-0.562106901	-0.4823814525
## FALSE_14	-0.2463912944	-0.584538993	-0.5774663502
## FALSE_15	-0.2463912944	-0.674267360	-0.5930967444
## FALSE_16	-0.2463912944	-0.203193431	0.2406728278
## FALSE_17	-0.2534639819	-0.696699452	-0.6290466509
## FALSE_18	-0.2463912944	-0.427514350	-0.4540036035
## FALSE_19	-0.2463912944	-0.674267360	-0.6118532174
## FALSE_20	-0.2463912944	-0.270489707	0.9247013635
## FALSE_21	-0.2463912944	-0.539674809	-0.5575810154
## FALSE_22	-0.2534639819	-0.696699452	-0.6290466509
## FALSE_23	-0.2463912944	-0.651835269	-0.5738192583
## FALSE_24	-0.2463912944	-0.674267360	-0.6207104407
## FALSE_25	-0.2534639819	-0.696699452	-0.6290466509
## FALSE_26	-0.2463912944	-0.606971085	-0.5472475882
## FALSE_27	-0.2463912944	-0.001304604	-0.0369441645
## FALSE_28	-0.2463912944	-0.629403177	-0.5889286393
## FALSE_29	-0.2463912944	-0.629403177	-0.5957018101
## FALSE_30	-0.2463912944	0.290312590	0.1961079070
## FALSE_31	-0.2463912944	-0.674267360	-0.6102901780
## FALSE_32	-0.2463912944	-0.651835269	-0.5878866130
## FALSE_33	-0.2463912944	-0.539674809	-0.5193733853
## FALSE_34	-0.2463912944	-0.494810625	-0.5328328914
## FALSE_35	-0.2463912944	-0.405082258	-0.4302801386
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## FALSE_37	-0.2463912944	-0.539674809	-0.4263725401
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## FALSE_2	-0.4506018761	1.265601e+00	-0.3188628891 -0.3101433
## FALSE_3	3.9566048140	3.428959e+00	-0.3188628891 -0.3101433
## FALSE_4	0.6511997965	2.130944e+00	-0.3188628891 -0.3101433
## FALSE_5	-0.0098812071	1.839229e-01	-0.3188628891 -0.3101433
## FALSE_6	-0.1026644988	-3.664048e-01	-0.3188628891 -0.3101433
## FALSE_7	3.9566048140	3.428959e+00	-0.3188628891 1.6936451
## FALSE_8	3.9566048140	3.428959e+00	-0.3188628891 -0.3101433
## FALSE_9	-0.4506018761	1.265601e+00	-0.3188628891 3.6974335
## FALSE_10	-0.4506018761	-4.170096e-01	-0.3188628891 1.6936451
## FALSE_11	-0.4506018761	5.444825e-01	-0.3188628891 -0.3101433
## FALSE_12	-0.0374262489	-3.388884e-01	-0.3188628891 1.6936451
## FALSE_13	-0.4506018761	-2.796536e-01	-0.3188628891 -0.3101433
## FALSE_14	-0.4506018761	5.444825e-01	-0.3188628891 -0.3101433
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## FALSE_85      3.9566048140  3.428959e+00 -0.3188628891  3.6974335
## FALSE_86      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_87      0.8086000322  9.565505e-01 -0.3188628891 -0.3101433
## FALSE_88     -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_89      0.1789990891 -3.826706e-01 -0.3188628891  1.6936451
## FALSE_90     -0.4506018761 -7.269643e-01 -0.3188628891 -0.3101433
## FALSE_91     -0.4506018761 -6.432430e-01 -0.3188628891  1.6936451
## FALSE_92      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_93     -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_94     -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_95     -0.3689869308 -3.368853e-01 -0.3188628891  2.6955393
## FALSE_96     -0.4506018761  1.265601e+00 -0.3188628891  0.6917509
## FALSE_97      0.6511997965  5.444825e-01 -0.3188628891  0.6917509
## FALSE_98     -0.4506018761 -3.569164e-01 -0.3188628891  2.6955393
## FALSE_99      0.3888660628  8.535335e-01 -0.3188628891  2.6955393
## FALSE_100    -0.3587850627 -2.126925e-01 -0.3188628891 -0.3101433
## FALSE_101    -0.4506018761 -7.041921e-01 -0.3188628891  1.6936451
## TRUE_102     -0.4506018761 -3.139926e-01  0.6214255158  4.6993277
## FALSE_103    -0.4506018761 -1.766366e-01 -0.3188628891  1.6936451
## FALSE_104    -0.4506018761 -6.054807e-01 -0.3188628891  3.6974335

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## FALSE_105 -0.2950533943 -5.159867e-01 -0.3188628891 -0.3101433
## FALSE_106 2.8548031415 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_107 0.5287773786 7.047311e-01 -0.3188628891 3.6974335
## FALSE_108 0.6511997965 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_109 0.6511997965 5.444825e-01 -0.3188628891 3.6974335
## FALSE_110 -0.4317676562 -5.101151e-01 -0.3188628891 -0.3101433
## FALSE_111 -0.4506018761 -5.371961e-01 -0.3188628891 2.6955393
## FALSE_112 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_113 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_114 -0.2743136085 -3.785499e-01 -0.3188628891 0.6917509
## FALSE_115 -0.1662659563 -1.301128e-01 -0.3188628891 0.6917509
## FALSE_116 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_117 -0.4506018761 -6.173205e-01 -0.3188628891 3.6974335
## FALSE_118 -0.0499467264 -3.077492e-01 -0.3188628891 0.6917509
## FALSE_119 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_120 -0.4506018761 1.505975e+00 -0.3188628891 -0.3101433
## FALSE_121 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_122 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_123 -0.4506018761 -1.541016e-01 -0.3188628891 3.6974335
## FALSE_124 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_125 0.1664070605 1.687971e+00 -0.3188628891 -0.3101433
## FALSE_126 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_127 -0.4506018761 -1.638791e-02 -0.3188628891 1.6936451
## FALSE_128 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## FALSE_129 -0.4506018761 -7.344834e-01 -0.3188628891 2.6955393
## FALSE_130 2.4875359100 2.707840e+00 -0.3188628891 -0.3101433
## FALSE_131 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_132 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_133 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_134 -0.4506018761 -6.573826e-01 -0.3188628891 3.6974335
## FALSE_135 -0.4506018761 -4.971339e-01 -0.3188628891 2.6955393
## FALSE_136 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_137 -0.3281794582 1.037986e-01 -0.3188628891 -0.3101433
## FALSE_138 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_139 0.6511997965 2.347280e+00 -0.3188628891 1.6936451
## FALSE_140 -0.4506018761 -5.075030e-01 -0.3188628891 0.6917509
## FALSE_141 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_142 -0.4506018761 -6.413578e-01 -0.3188628891 0.6917509
## FALSE_143 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_144 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_145 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_146 1.0184670280 5.444825e-01 -0.3188628891 1.6936451
## FALSE_147 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_148 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_149 -0.2932016403 -2.410222e-01 -0.3188628891 -0.3101433
## FALSE_150 -0.4506018761 -3.077492e-01 -0.3188628891 3.6974335
## FALSE_151 -0.2853316252 -2.884100e-01 -0.3188628891 -0.3101433
## FALSE_152 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_153 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_154 -0.4506018761 -3.284511e-01 -0.3188628891 0.6917509
## FALSE_155 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_156 0.2839325649 1.824261e-01 -0.3188628891 -0.3101433
## FALSE_157 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_158 -0.4506018761 -1.766366e-01 -0.3188628891 3.6974335

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## FALSE_159    3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_160   -0.2589841977   -4.901666e-01   -0.3188628891    2.6955393
## FALSE_161    0.2171567067   -1.930152e-02   -0.3188628891   -0.3101433
## FALSE_162   -0.1152709390   -6.281198e-01   -0.3188628891   -0.3101433
## FALSE_163   -0.4506018761   -5.371961e-01   -0.3188628891    1.6936451
## FALSE_164   -0.2589841977   -6.469316e-01   -0.3188628891    2.6955393
## FALSE_165   -0.4506018761   -1.766366e-01   -0.3188628891   -0.3101433
## FALSE_166   -0.4506018761   -3.241279e-02   -0.3188628891   -0.3101433
## FALSE_167    1.4591876970    2.707840e+00   -0.3188628891   -0.3101433
## FALSE_168   -0.0499467264    4.789262e-01   -0.3188628891   -0.3101433
## FALSE_169   -0.4506018761   -5.840689e-01   -0.3188628891    3.6974335
## FALSE_170   -0.4506018761   -4.831122e-01   -0.3188628891    3.6974335
## FALSE_171   -0.2057570624   -1.766366e-01   -0.3188628891   -0.3101433
## FALSE_172    1.0184670280    1.265601e+00   -0.3188628891    2.6955393
## FALSE_173    3.9566048140    3.428959e+00   -0.3188628891    3.6974335
## FALSE_174   -0.4506018761   -7.116604e-01   -0.3188628891    4.6993277
## FALSE_175   -0.4506018761   -5.649315e-01   -0.3188628891   -0.3101433
## FALSE_176   -0.4506018761   -5.887046e-01   -0.3188628891   -0.3101433
## FALSE_177   -0.2138510958    1.190792e-01   -0.3188628891   -0.3101433
## FALSE_178    0.2839325649   -1.766366e-01   -0.3188628891    2.6955393
## FALSE_179   -0.4506018761   -6.432430e-01   -0.3188628891   -0.3101433
## FALSE_180    3.9566048140    3.428959e+00   -0.3188628891    2.6955393
## FALSE_181    3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_182   -0.2669682713   -3.569164e-01   -0.3188628891    3.6974335
## FALSE_183   -0.3806462182   -6.216204e-01   -0.3188628891   -0.3101433
## FALSE_184   -0.2057570624   -3.082694e-01    0.1101415229   -0.3101433
## FALSE_185   -0.4506018761   -7.606016e-01   -0.3188628891   -0.3101433
## FALSE_186   -0.4073939743   -6.054988e-01   -0.3188628891   -0.3101433
## TRUE_187    -0.4506018761   -4.497487e-01   -0.2273853659   -0.3101433
## FALSE_188   -0.2932016403   -5.358716e-01    2.1761123962   -0.3101433
## FALSE_189    3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_190    0.3468926637    1.179067e+00   -0.3188628891   -0.3101433
## FALSE_191   -0.4506018761   -4.650842e-01   -0.3188628891   -0.3101433
## FALSE_192   -0.4506018761    5.444825e-01   -0.3188628891   -0.3101433
## FALSE_193   -0.2502743013    3.496867e-01   -0.3188628891   -0.3101433
## FALSE_194   -0.4051667483   -6.776673e-01   -0.3188628891   -0.3101433
## TRUE_195    -0.4506018761   -7.723436e-01    0.7183013599   -0.3101433
## FALSE_196   -0.1626309804    4.306808e-01   -0.3188628891   -0.3101433
## TRUE_197    -0.4506018761   -8.616997e-01    5.5352182767   -0.3101433
## TRUE_198    -0.4506018761   -8.604564e-01    4.8423928872   -0.3101433
## TRUE_199    -0.4506018761   -8.112214e-01    7.9088540721   -0.3101433
## FALSE_200   -0.4506018761   -3.241279e-02   -0.3188628891   -0.3101433
## FALSE_201   -0.4506018761   -8.076158e-01   -0.3188628891   -0.3101433
## FALSE_202   -0.4506018761    1.025228e+00   -0.3188628891   -0.3101433
## FALSE_203   -0.4506018761   -7.174759e-01   -0.3188628891   -0.3101433
## FALSE_204   -0.4506018761   -7.838947e-01   -0.3188628891   -0.3101433
## TRUE_205    -0.4506018761   -6.273360e-01    1.4934897218   -0.3101433
## FALSE_206   -0.4506018761   -2.796536e-01   -0.3188628891   -0.3101433
## FALSE_207   -0.4506018761   -5.371961e-01   -0.3188628891   -0.3101433
## FALSE_208   -0.4506018761    4.871311e-02   -0.3188628891   -0.3101433
## FALSE_209    0.2839325649   -8.649671e-02   -0.3188628891   -0.3101433
## FALSE_210    0.3783727240    1.736212e-01   -0.3188628891   -0.3101433
## FALSE_211   -0.4506018761    1.839229e-01   -0.3188628891   -0.3101433
## FALSE_212   -0.3036949791   -1.766366e-01   -0.3188628891   -0.3101433

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## FALSE_213 -0.4506018761 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_214 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_215 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_216 -0.3246816786 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_217 -0.0833346446 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_218 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_219 -0.4506018761 -6.093080e-01 1.5628336333 -0.3101433
## FALSE_220 1.3122808000 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_221 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_222 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_223 -0.4179559112 -6.998014e-01 -0.3188628891 -0.3101433
## FALSE_224 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_225 -0.4506018761 -7.554295e-01 -0.3188628891 -0.3101433
## FALSE_226 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## TRUE_227 -0.4506018761 -6.093080e-01 0.6335817178 -0.3101433
## FALSE_228 -0.2186436246 -4.423120e-01 -0.3188628891 -0.3101433
## FALSE_229 -0.3624577423 -4.506618e-01 0.0643238119 -0.3101433
## FALSE_230 -0.4506018761 -5.804633e-01 -0.3188628891 -0.3101433
## FALSE_231 -0.2057570624 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_232 -0.4506018761 -4.817254e-01 0.8625471220 -0.3101433
## FALSE_233 -0.3346227503 5.867593e-02 -0.3188628891 -0.3101433
## FALSE_234 -0.4506018761 -5.931196e-01 -0.3188628891 -0.3101433
## FALSE_235 -0.2986292255 -6.684343e-01 -0.3188628891 -0.3101433
## FALSE_236 -0.1954478127 -2.005990e-01 -0.3188628891 -0.3101433
## FALSE_237 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_238 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_239 0.0519743355 -1.070467e-01 -0.3188628891 -0.3101433
## FALSE_240 -0.0499467264 -2.094147e-01 -0.3188628891 -0.3101433
## FALSE_241 0.0678930338 1.075691e-01 -0.3188628891 -0.3101433
## FALSE_242 -0.0833346446 -2.307205e-01 -0.3188628891 -0.3101433
## FALSE_243 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_244 -0.4506018761 -4.790413e-01 -0.3188628891 -0.3101433
## FALSE_245 -0.1115859853 -1.022451e-02 -0.3188628891 -0.3101433
## FALSE_246 0.2839325649 1.438608e-01 -0.3188628891 -0.3101433
## TRUE_247 -0.3404217088 -5.072100e-01 -0.0846205223 -0.3101433
## FALSE_248 -0.1712718820 -5.688992e-01 -0.3188628891 -0.3101433
## FALSE_249 -0.2909204701 -4.163242e-01 -0.3188628891 -0.3101433
## FALSE_250 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_251 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_252 1.3122808000 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_253 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_254 -0.2302415416 -3.424940e-01 -0.3188628891 -0.3101433
## FALSE_255 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_256 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_257 -0.4506018761 -6.734075e-01 -0.3188628891 -0.3101433
## FALSE_258 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_259 -0.1078191237 -1.651903e-01 -0.3188628891 -0.3101433
## FALSE_260 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_261 -0.3084339162 -4.929985e-01 0.1515222656 -0.3101433
## FALSE_262 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_263 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_264 -0.4506018761 -8.257188e-01 2.4406300623 -0.3101433
## FALSE_265 -0.4506018761 -6.453640e-01 -0.3188628891 -0.3101433
## FALSE_266 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433

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## FALSE_267 -0.4506018761 -1.655425e-01 -0.3188628891 -0.3101433
## FALSE_268 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_269 0.3363993249 2.611857e-01 -0.3188628891 -0.3101433
## FALSE_270 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_271 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_272 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_273 -0.0098812071 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_274 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_275 -0.4506018761 -5.371961e-01 1.7718037835 -0.3101433
## FALSE_276 -0.0833346446 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_277 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_278 -0.1292430623 -4.142678e-02 -0.3188628891 -0.3101433
## FALSE_279 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_280 -0.4506018761 -4.650842e-01 2.5760696865 -0.3101433
## FALSE_281 -0.2161759855 -3.312534e-01 0.0474618267 -0.3101433
## FALSE_282 -0.4506018761 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_283 -0.0098812071 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_284 -0.4506018761 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_285 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_286 -0.1987615032 -3.620672e-01 -0.3188628891 -0.3101433
## FALSE_287 -0.4032125488 -7.306929e-01 -0.3188628891 -0.3101433
## FALSE_288 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_289 -0.2172791754 -4.079058e-01 -0.3188628891 -0.3101433
## FALSE_290 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_291 -0.1531154245 -8.701181e-02 -0.3188628891 -0.3101433
## FALSE_292 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_293 -0.4506018761 -6.273360e-01 2.0768647060 -0.3101433
## TRUE_294 -0.4506018761 -5.887046e-01 2.8871196457 -0.3101433
## FALSE_295 -0.4506018761 -4.126392e-01 -0.3188628891 -0.3101433
## FALSE_296 -0.3504380776 -2.074866e-01 -0.3188628891 -0.3101433
## FALSE_297 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_298 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_299 -0.4506018761 -8.485884e-01 -0.3188628891 -0.3101433
## FALSE_300 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_301 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_302 -0.1735774461 7.060422e-02 -0.3188628891 -0.3101433
## FALSE_303 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_304 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_305 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_306 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_307 0.2839325649 -3.448977e-01 -0.3188628891 -0.3101433
## FALSE_308 -0.4506018761 -5.516185e-01 -0.3188628891 -0.3101433
## FALSE_309 -0.1466565970 -2.711281e-01 -0.3188628891 -0.3101433
## FALSE_310 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_311 0.6511997965 1.481937e+00 -0.3188628891 -0.3101433
## FALSE_312 -0.3689869308 -5.772583e-01 -0.3188628891 -0.3101433
## FALSE_313 -0.4506018761 -7.099381e-01 -0.3188628891 -0.3101433
## FALSE_314 -0.4506018761 -6.879755e-01 -0.3188628891 -0.3101433
## FALSE_315 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_316 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_317 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_318 -0.4506018761 -6.734075e-01 -0.3188628891 -0.3101433
## TRUE_319 0.0543905645 -6.761026e-02 0.0620052548 -0.3101433
## FALSE_320 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433

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## FALSE_321 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_322 -0.3375965792 -5.427432e-01 -0.3188628891 -0.3101433
## FALSE_323 -0.4506018761 -8.939569e-01 -0.3188628891 -0.3101433
## FALSE_324 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_325 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_326 -0.1567881041 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_327 -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
## FALSE_328 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_329 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_330 -0.4506018761 -8.496810e-01 -0.3188628891 -0.3101433
## FALSE_331 -0.2669682713 -3.869630e-01 -0.3188628891 -0.3101433
## FALSE_332 -0.3827986979 -6.984309e-01 -0.3188628891 -0.3101433
## FALSE_333 -0.3926123132 -5.229635e-01 -0.3188628891 -0.3101433
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## FALSE_335 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_336 -0.4506018761 -6.402131e-01 -0.3188628891 -0.3101433
## FALSE_337 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_338 -0.4506018761 -7.883445e-01 -0.3188628891 -0.3101433
## FALSE_339 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_340 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_341 1.7530014690 1.806441e+00 -0.3188628891 -0.3101433
## FALSE_342 -0.2743136085 -9.010232e-02 -0.3188628891 -0.3101433
## FALSE_343 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_344 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_345 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_346 -0.3375965792 -4.354998e-01 -0.3188628891 -0.3101433
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## FALSE_348 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_349 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
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## FALSE_353 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## TRUE_354 -0.4506018761 -8.256437e-01 0.1758943155 -0.3101433
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## FALSE_356 -0.4506018761 -2.913601e-01 -0.3188628891 -0.3101433
## FALSE_357 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_358 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_359 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_360 0.1789990891 6.474994e-01 -0.3188628891 -0.3101433
## FALSE_361 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_362 0.1462073559 1.386026e-01 -0.3188628891 -0.3101433
## FALSE_363 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## TRUE_364 -0.4506018761 -7.313435e-01 1.5276166385 -0.3101433
## FALSE_365 -0.4506018761 2.671290e-01 -0.3188628891 -0.3101433
## FALSE_366 -0.4484357340 -6.935688e-01 0.3254724017 -0.3101433
## FALSE_367 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_368 -0.1241421172 -2.389555e-01 -0.3188628891 -0.3101433
## FALSE_369 -0.1445458535 -2.975935e-01 -0.3188628891 -0.3101433
## FALSE_370 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_371 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_372 -0.2545365990 -2.610577e-01 -0.3188628891 -0.3101433
## FALSE_373 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_374 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433

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## FALSE_375 -0.4506018761 -6.686943e-01 -0.3188628891 -0.3101433
## FALSE_376 -0.3330763717 -1.729280e-01 -0.3188628891 -0.3101433
## FALSE_377 -0.2037983014 -1.420229e-01 -0.3188628891 -0.3101433
## TRUE_378 -0.4506018761 -5.948856e-01 0.5467792821 -0.3101433
## FALSE_379 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_380 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_381 -0.0308679066 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_382 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_383 -0.2302415416 -4.509139e-01 -0.1681454757 -0.3101433
## FALSE_384 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_385 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_386 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_387 -0.4506018761 4.367829e-01 -0.3188628891 -0.3101433
## FALSE_388 0.1002989602 -1.405806e-01 -0.3188628891 -0.3101433
## TRUE_389 -0.2318043811 -4.694679e-01 1.1433104607 -0.3101433
## FALSE_390 0.8086000322 9.565505e-01 -0.3188628891 -0.3101433
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## FALSE_394 -0.3606588748 -7.571059e-01 -0.3188628891 -0.3101433
## FALSE_395 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_396 -0.3504380776 -4.511405e-01 -0.3188628891 -0.3101433
## FALSE_397 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
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## TRUE_399 -0.4506018761 -5.427432e-01 3.9136693017 -0.3101433
## FALSE_400 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
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## FALSE_402 -0.3568315242 -4.553670e-01 -0.3188628891 -0.3101433
## FALSE_403 -0.4506018761 -5.892769e-01 -0.3188628891 -0.3101433
## FALSE_404 -0.4506018761 -5.462101e-01 -0.3188628891 -0.3101433
## FALSE_405 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_406 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_407 -0.4506018761 -7.223483e-01 0.5331180232 -0.3101433
## FALSE_408 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_409 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_410 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_411 -0.4506018761 -8.607752e-01 -0.3188628891 -0.3101433
## FALSE_412 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_413 0.1789990891 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_414 -0.2986292255 -4.750307e-01 -0.3188628891 -0.3101433
## TRUE_415 -0.4506018761 -6.273360e-01 0.3243450241 -0.3101433
## FALSE_416 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_417 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_418 -0.3732824589 -5.182193e-01 -0.3188628891 -0.3101433
## FALSE_419 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_420 -0.3314881907 -4.884719e-01 -0.3188628891 -0.3101433
## FALSE_421 0.0390877513 3.041094e-01 -0.3188628891 -0.3101433
## TRUE_422 -0.3653010957 -7.401524e-01 0.6660426821 -0.3101433
## FALSE_423 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_424 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_425 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_426 -0.4506018761 -8.145496e-01 -0.3188628891 -0.3101433
## FALSE_427 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_428 -0.1567881041 -2.279788e-02 -0.3188628891 -0.3101433

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## FALSE_429 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_430 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_431 -0.4506018761 -7.666431e-01 -0.3188628891 -0.3101433
## FALSE_432 1.2021006327 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_433 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_434 -0.0308679066 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_435 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_436 -0.4506018761 -3.139926e-01 -0.3188628891 -0.3101433
## FALSE_437 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_438 -0.4506018761 -8.349485e-01 -0.3188628891 -0.3101433
## FALSE_439 -0.1026644988 -7.795714e-02 -0.3188628891 -0.3101433
## FALSE_440 -0.4506018761 1.007169e-01 -0.3188628891 -0.3101433
## FALSE_441 -0.4506018761 -8.496810e-01 -0.3188628891 -0.3101433
## FALSE_442 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_443 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_444 -0.4021710377 -8.075153e-02 -0.3188628891 -0.3101433
## FALSE_445 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_446 -0.3624577423 -4.799187e-01 0.6209803078 -0.3101433
## FALSE_447 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_448 0.4308394619 2.560348e-01 -0.3188628891 -0.3101433
## FALSE_449 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_450 -0.0308679066 -1.079586e-01 -0.3188628891 -0.3101433
## FALSE_451 -0.4506018761 -1.189471e-01 -0.3188628891 -0.3101433
## FALSE_452 -0.4506018761 -7.581842e-01 -0.3188628891 -0.3101433
## FALSE_453 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_454 -0.4506018761 -6.273360e-01 3.0023694364 -0.3101433
## FALSE_455 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_456 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_457 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_458 -0.3719017472 2.611857e-01 -0.3188628891 -0.3101433
## FALSE_459 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_460 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
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## FALSE_462 0.4308394619 3.969304e-01 -0.3188628891 -0.3101433
## FALSE_463 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_464 -0.1751514579 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_465 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
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## FALSE_467 -0.1662659563 -4.869612e-02 0.1467108270 -0.3101433
## FALSE_468 1.2633118416 1.626161e+00 -0.3188628891 -0.3101433
## FALSE_469 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_470 0.0014193336 -1.211659e-01 -0.3188628891 -0.3101433
## FALSE_471 -0.4506018761 -4.290283e-01 -0.3188628891 -0.3101433
## FALSE_472 -0.4506018761 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_473 -0.4506018761 -7.136401e-01 0.2013701165 -0.3101433
## FALSE_474 -0.4506018761 -4.678577e-01 0.0702198375 -0.3101433
## FALSE_475 -0.0308679066 -1.972400e-01 -0.3188628891 -0.3101433
## FALSE_476 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_477 -0.0736697284 1.212994e-01 -0.3188628891 -0.3101433
## FALSE_478 -0.0308679066 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_479 -0.1501105028 -1.438585e-01 -0.3188628891 -0.3101433
## FALSE_480 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_481 0.2274299275 7.663652e-01 -0.3188628891 -0.3101433
## FALSE_482 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433

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## FALSE_483 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_484 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_485 -0.2873720076 -5.772583e-01 0.2228241926 -0.3101433
## FALSE_486 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_487 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_488 -0.1358014045 -1.251281e-01 -0.3188628891 -0.3101433
## FALSE_489 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_490 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_491 -0.4506018761 -2.211110e-02 -0.3188628891 -0.3101433
## FALSE_492 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_493 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_494 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_495 -0.0127063367 1.049266e+00 -0.3188628891 -0.3101433
## FALSE_496 0.4308394619 6.165944e-01 -0.3188628891 -0.3101433
## FALSE_497 -0.4506018761 -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_498 -0.3771484386 -5.947007e-01 1.0735039590 -0.3101433
## TRUE_499 -0.1987615032 -5.243658e-01 0.1724277594 -0.3101433
## FALSE_500 -0.4506018761 -6.707367e-01 -0.2188187902 -0.3101433
## FALSE_501 -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
## FALSE_502 -0.2810939197 -6.569521e-02 -0.3188628891 -0.3101433
## FALSE_503 -0.2986292255 -5.993616e-01 -0.3188628891 -0.3101433
## FALSE_504 0.1837687885 1.265612e-01 -0.3188628891 -0.3101433
## FALSE_505 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_506 -0.4506018761 -7.371182e-01 1.4834210995 -0.3101433
## FALSE_507 -0.3209781486 -4.520467e-01 -0.3188628891 -0.3101433
## FALSE_508 -0.3036949791 -6.093080e-01 0.0655762064 -0.3101433
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## FALSE_510 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_511 -0.4506018761 -5.796149e-01 -0.3188628891 -0.3101433
## FALSE_512 -0.3375965792 -6.155786e-01 -0.3188628891 -0.3101433
## FALSE_513 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_514 -0.4506018761 -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_515 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_516 -0.3624577423 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_517 0.0579219711 -1.100718e-01 -0.3188628891 -0.3101433
## FALSE_518 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_519 0.3969378619 3.694856e-01 -0.3188628891 -0.3101433
## FALSE_520 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_521 -0.0499467264 -4.388617e-01 -0.3188628891 -0.3101433
## FALSE_522 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_523 0.0390877513 6.646689e-01 -0.3188628891 -0.3101433
## FALSE_524 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_525 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_526 -0.4506018761 -5.811668e-01 -0.3188628891 -0.3101433
## FALSE_527 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_528 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_529 0.1002989602 9.378304e-02 -0.3188628891 -0.3101433
## FALSE_530 -0.4506018761 -8.720014e-01 -0.3188628891 -0.3101433
## FALSE_531 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_532 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_533 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_534 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_535 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_536 -0.4506018761 -4.874638e-01 -0.3188628891 -0.3101433

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## FALSE_537 -0.3281794582 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_538 -0.4506018761 -5.941266e-01 -0.3188628891 -0.3101433
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## FALSE_541 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_542 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_543 -0.2407348803 -4.856876e-01 -0.3188628891 -0.3101433
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## FALSE_545 -0.4219836574 -3.405170e-02 -0.3188628891 -0.3101433
## FALSE_546 0.0390877513 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_547 -0.3228567645 -5.266565e-01 -0.3188628891 -0.3101433
## FALSE_548 0.3507084232 6.755950e-01 -0.3188628891 -0.3101433
## FALSE_549 -0.0499467264 2.822574e-01 -0.3188628891 -0.3101433
## FALSE_550 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_551 -0.3926123132 -7.269643e-01 -0.3188628891 -0.3101433
## FALSE_552 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_553 -0.3504380776 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_554 -0.4506018761 -5.408017e-01 -0.3188628891 -0.3101433
## FALSE_555 -0.0499467264 2.822574e-01 -0.3188628891 -0.3101433
## FALSE_556 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
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## FALSE_558 -0.4506018761 -8.220381e-01 -0.3188628891 -0.3101433
## FALSE_559 -0.3404217088 -4.110003e-01 -0.3188628891 -0.3101433
## FALSE_560 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_561 -0.1751514579 -2.217065e-01 -0.3188628891 -0.3101433
## FALSE_562 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_563 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_564 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_565 0.1789990891 9.565505e-01 -0.3188628891 -0.3101433
## FALSE_566 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_567 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_568 -0.4506018761 -8.045498e-01 -0.3188628891 -0.3101433
## FALSE_569 -0.3043751212 -3.098696e-01 -0.1289845722 -0.3101433
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## FALSE_571 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_572 0.1370256900 3.642027e-01 -0.3188628891 -0.3101433
## FALSE_573 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_574 0.2705774065 -1.655425e-01 -0.3188628891 -0.3101433
## FALSE_575 0.4675661917 2.547471e-01 -0.3188628891 -0.3101433
## FALSE_576 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## FALSE_577 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_578 -0.4506018761 -8.462471e-01 -0.3188628891 -0.3101433
## FALSE_579 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_580 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_581 -0.4506018761 -7.452112e-01 0.1795284333 -0.3101433
## FALSE_582 -0.3246816786 -3.867913e-01 -0.3188628891 -0.3101433
## FALSE_583 -0.1913544211 -6.961517e-03 -0.3188628891 -0.3101433
## FALSE_584 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_585 -0.4506018761 -2.281451e-01 -0.3188628891 -0.3101433
## FALSE_586 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_587 -0.3128766670 -4.600309e-01 -0.3188628891 -0.3101433
## FALSE_588 -0.2589841977 -1.319823e-01 -0.3188628891 -0.3101433
## FALSE_589 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_590 -0.3036949791 3.281467e-01 -0.3188628891 -0.3101433

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## FALSE_591 -0.4506018761 -3.077492e-01 -0.3188628891 -0.3101433
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## FALSE_593 -0.4506018761 -6.882697e-01 -0.3188628891 -0.3101433
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## FALSE_595 0.2274299275 1.007169e-01 -0.3188628891 -0.3101433
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## FALSE_597 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_598 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_599 -0.3314881907 -8.731371e-01 -0.3188628891 -0.3101433
## FALSE_600 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_601 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_602 -0.4506018761 -2.796536e-01 2.5302286807 -0.3101433
## TRUE_603 -0.1649495898 -1.781775e-01 0.1548120392 -0.3101433
## FALSE_604 -0.3948214476 -6.654727e-01 -0.3188628891 -0.3101433
## TRUE_605 -0.3658478979 -5.753322e-01 0.2495631415 -0.3101433
## FALSE_606 -0.3456683782 -3.826706e-01 -0.0232002512 -0.3101433
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## FALSE_611 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_612 -0.4042102302 -6.912879e-01 -0.3188628891 -0.3101433
## FALSE_613 -0.4506018761 -8.470520e-01 -0.3188628891 -0.3101433
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## FALSE_615 -0.1751514579 -3.569164e-01 -0.3188628891 -0.3101433
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## FALSE_618 -0.4506018761 -8.016064e-01 -0.3188628891 -0.3101433
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## FALSE_622 -0.3746155508 -3.009675e-01 -0.3188628891 -0.3101433
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## FALSE_628 -0.3526639594 -7.054572e-01 -0.3188628891 -0.3101433
## FALSE_629 1.7530014690 1.806441e+00 -0.3188628891 -0.3101433
## TRUE_630 -0.4506018761 -7.375070e-01 2.7766192812 -0.3101433
## FALSE_631 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_632 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_633 -0.2502743013 -3.077492e-01 -0.3188628891 -0.3101433
## TRUE_634 -0.3504380776 -3.249187e-01 -0.2073034597 -0.3101433
## FALSE_635 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_636 0.7736222143 6.474994e-01 -0.3188628891 -0.3101433
## FALSE_637 -0.4506018761 4.524620e-02 -0.3188628891 -0.3101433
## FALSE_638 -0.1358014045 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_639 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_640 -0.4506018761 -5.683353e-01 2.1172099775 -0.3101433
## FALSE_641 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_642 -0.3968554616 -7.460568e-01 -0.3188628891 -0.3101433
## FALSE_643 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_644 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433

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## TRUE_645      -0.4506018761 -7.010868e-01  0.2598614589 -0.3101433
## FALSE_646     -0.4506018761 -7.936490e-01 -0.3188628891 -0.3101433
## FALSE_647     -0.3404217088  8.476906e-02 -0.3188628891 -0.3101433
## FALSE_648     -0.3961919126 -3.849599e-01 -0.3188628891 -0.3101433
## FALSE_649     -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_650     -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_651      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_652     -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_653     -0.1751514579  4.871311e-02 -0.3188628891 -0.3101433
## FALSE_654     -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_655     -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_656     -0.4506018761  3.642027e-01 -0.3188628891 -0.3101433
## TRUE_657      -0.4506018761 -5.918263e-01  0.1359859235 -0.3101433
## FALSE_658      0.2530697779  3.411769e-02 -0.3188628891 -0.3101433
## FALSE_659     -0.4138751463 -2.667765e-01 -0.3188628891 -0.3101433
## FALSE_660     -0.4506018761 -7.054572e-01 -0.3188628891 -0.3101433
## FALSE_661     -0.3547930369 -6.720140e-01 -0.3188628891 -0.3101433
## FALSE_662      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_663     -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_664     -0.4506018761 -8.462471e-01 -0.3188628891 -0.3101433
## FALSE_665     -0.2057570624 -6.333453e-01 -0.3188628891 -0.3101433
## FALSE_666      0.0678930338 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_667     -0.4506018761 -6.917216e-01  0.6776629463 -0.3101433
## FALSE_668     -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_669      0.1789990891 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_670     -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
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## FALSE_672     -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_673     -0.3526639594 -6.669975e-01 -0.3188628891 -0.3101433
## TRUE_674      -0.4506018761 -7.263421e-01 -0.1538275137 -0.3101433
## FALSE_675     -0.4506018761 -7.690135e-01 -0.3188628891 -0.3101433
## FALSE_676     -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_677     -0.4506018761 -8.616997e-01 -0.3188628891 -0.3101433
## FALSE_678     -0.4506018761 -9.250604e-02 -0.3188628891 -0.3101433
## FALSE_679     -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_680     -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_681     -0.3696531903 -3.188982e-01 -0.3188628891 -0.3101433
## FALSE_682     -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_683     -0.2810939197  2.255259e-01 -0.3188628891 -0.3101433
## FALSE_684     -0.3170501595 -6.430387e-01 -0.3188628891 -0.3101433
## FALSE_685     -0.2743136085 -3.497052e-01 -0.3188628891 -0.3101433
## TRUE_686      -0.4506018761 -1.211659e-01  0.0287485571 -0.3101433
## TRUE_687      -0.4506018761 -8.504692e-01  3.4040376019 -0.3101433
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## FALSE_690     -0.2975738758 -6.603394e-01 -0.3188628891 -0.3101433
## FALSE_691     -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_692     -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_693     -0.3547930369 -3.804311e-01 -0.3188628891 -0.3101433
## TRUE_694      -0.4506018761 -4.497877e-01  0.7382503131 -0.3101433
## FALSE_695      0.2839325649  1.839229e-01 -0.3188628891 -0.3101433
## TRUE_696      -0.3948144401 -5.453462e-01 -0.0699561260 -0.3101433
## FALSE_697     -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_698     -0.0098812071  1.839229e-01 -0.3188628891 -0.3101433

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## FALSE_699 -0.4506018761 -8.333700e-01 -0.3188628891 -0.3101433
## FALSE_700 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_701 1.4382009974 1.883704e+00 -0.3188628891 -0.3101433
## FALSE_702 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_703 0.5287773786 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_704 1.0184670280 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_705 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_706 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_707 -0.0308679066 -1.251281e-01 -0.3188628891 -0.3101433
## FALSE_708 -0.4506018761 -2.281451e-01 -0.3188628891 -0.3101433
## FALSE_709 -0.2302415416 -3.857611e-01 -0.3188628891 -0.3101433
## FALSE_710 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_711 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_712 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_713 0.1789990891 -1.560332e-01 -0.3188628891 -0.3101433
## TRUE_714 -0.2186436246 -5.193037e-01 -0.0778522277 -0.3101433
## FALSE_715 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_716 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_717 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_718 -0.4506018761 -4.245213e-01 -0.3188628891 -0.3101433
## FALSE_719 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_720 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_721 -0.1358014045 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_722 -0.3547930369 -4.274606e-01 -0.3188628891 -0.3101433
## FALSE_723 -0.4506018761 -7.294945e-01 -0.3188628891 -0.3101433
## FALSE_724 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_725 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_726 -0.3876417774 -6.968725e-01 -0.3188628891 -0.3101433
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## FALSE_728 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_729 -0.4105363567 -4.781955e-01 0.1037948035 -0.3101433
## FALSE_730 -0.4506018761 -8.400661e-01 -0.3188628891 -0.3101433
## FALSE_731 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
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## FALSE_733 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## FALSE_734 -0.1965278868 -1.783954e-01 -0.3188628891 -0.3101433
## FALSE_735 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_736 -0.4506018761 -8.770537e-01 -0.3188628891 -0.3101433
## FALSE_737 -0.4506018761 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_738 -0.4506018761 -5.597311e-01 -0.3188628891 -0.3101433
## FALSE_739 0.2839325649 9.050420e-01 -0.3188628891 -0.3101433
## FALSE_740 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_741 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## TRUE_742 -0.4206208830 -5.207192e-01 -0.1253248234 -0.3101433
## FALSE_743 -0.2766331875 -3.948700e-01 -0.3188628891 -0.3101433
## TRUE_744 -0.4506018761 -6.093080e-01 2.4752083882 -0.3101433
## FALSE_745 -0.1913544211 -6.961517e-03 -0.3188628891 -0.3101433
## FALSE_746 -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
## FALSE_747 -0.4506018761 -4.978073e-01 -0.3188628891 -0.3101433
## FALSE_748 0.0906340441 -1.007293e-01 1.4315924501 -0.3101433
## FALSE_749 0.1789990891 6.474994e-01 -0.3188628891 -0.3101433
## TRUE_750 -0.4506018761 -5.649315e-01 1.3599674577 -0.3101433
## FALSE_751 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_752 -0.4438006306 -3.224791e-01 2.0062135186 -0.3101433

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## FALSE_753 -0.2810939197 -4.262547e-01 -0.3188628891 -0.3101433
## FALSE_754 -0.1751514579 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_755 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_756 -0.0499467264 4.789262e-01 -0.3188628891 -0.3101433
## FALSE_757 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_758 -0.4506018761 4.871311e-02 -0.3188628891 -0.3101433
## FALSE_759 -0.4506018761 -6.472617e-01 -0.3188628891 -0.3101433
## FALSE_760 -0.4506018761 -2.190554e-01 -0.3188628891 -0.3101433
## FALSE_761 -0.4322385222 -7.821147e-01 -0.1833842106 -0.3101433
## FALSE_762 -0.4263864569 -5.422389e-01 -0.3188628891 -0.3101433
## FALSE_763 -0.1834984430 -5.830855e-01 -0.3188628891 -0.3101433
## TRUE_764 -0.4021710377 -7.914021e-01 -0.2069986297 -0.3101433
## FALSE_765 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_766 -0.3194350092 -5.177617e-02 -0.3188628891 -0.3101433
## FALSE_767 -0.4506018761 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_768 -0.4506018761 -5.507990e-01 0.1422764667 -0.3101433
## FALSE_769 -0.4506018761 -4.501645e-01 -0.3188628891 -0.3101433
## TRUE_770 -0.2743136085 -2.487485e-01 0.1717697682 -0.3101433
## FALSE_771 0.0390877513 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_772 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_773 -0.4506018761 -8.231571e-01 -0.3188628891 -0.3101433
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## FALSE_776 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_777 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_778 -0.3281794582 -3.368853e-01 -0.3188628891 -0.3101433
## FALSE_779 -0.1492544029 -5.323094e-01 -0.3188628891 -0.3101433
## FALSE_780 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_781 -0.4506018761 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_782 0.9054617311 1.099189e+00 -0.3188628891 -0.3101433
## FALSE_783 -0.4506018761 -6.783294e-01 -0.3188628891 -0.3101433
## FALSE_784 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_785 0.1002989602 2.515278e-01 -0.3188628891 -0.3101433
## FALSE_786 -0.1049385955 1.711973e-01 -0.3188628891 -0.3101433
## FALSE_787 -0.4381872155 -5.213984e-01 0.1042663294 -0.3101433
## FALSE_788 0.0836049901 2.494792e-01 -0.3188628891 -0.3101433
## FALSE_789 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_790 -0.4358620614 -7.463553e-01 -0.2605152064 -0.3101433
## FALSE_791 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_792 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_793 -0.3719017472 -7.818615e-01 2.0732586422 -0.3101433
## FALSE_794 0.4308394619 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_795 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_796 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_797 -0.4506018761 -3.241279e-02 2.6225174473 -0.3101433
## FALSE_798 0.1002989602 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_799 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_800 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## TRUE_801 -0.3258696192 -4.351510e-01 0.3783033786 -0.3101433
## FALSE_802 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_803 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_804 -0.2407348803 -2.796536e-01 0.9607169591 -0.3101433
## FALSE_805 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_806 -0.4506018761 -7.880201e-01 -0.3188628891 -0.3101433

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## FALSE_807 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_808 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_809 -0.3504380776 -1.522020e-01 -0.3188628891 -0.3101433
## FALSE_810 0.2839325649 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_811 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_812 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_813 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_814 0.9660002680 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_815 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_816 -0.4289979252 -4.005134e-01 -0.3188628891 -0.3101433
## FALSE_817 -0.4506018761 -4.380422e-01 -0.3188628891 -0.3101433
## FALSE_818 -0.4506018761 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_819 -0.3516645812 -6.215965e-01 1.2607004748 -0.3101433
## FALSE_820 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_821 -0.4506018761 -6.638792e-01 -0.3188628891 -0.3101433
## FALSE_822 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_823 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_824 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_825 -0.4506018761 -7.418380e-01 -0.3188628891 -0.3101433
## FALSE_826 -0.1115859853 -3.985194e-01 -0.3188628891 -0.3101433
## FALSE_827 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## TRUE_828 -0.2245912822 -9.897762e-02 -0.1500322851 -0.3101433
## FALSE_829 -0.2986292255 -6.739601e-01 -0.3188628891 -0.3101433
## FALSE_830 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_831 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_832 -0.4506018761 2.079602e-01 -0.3188628891 -0.3101433
## FALSE_833 -0.3587850627 -5.518439e-01 -0.3188628891 -0.3101433
## FALSE_834 -0.3128766670 -3.118464e-01 -0.3188628891 -0.3101433
## FALSE_835 -0.4506018761 -2.264835e-01 -0.3188628891 -0.3101433
## TRUE_836 -0.4506018761 -5.034492e-01 -0.1209308140 -0.3101433
## FALSE_837 -0.4506018761 -7.079875e-01 -0.3188628891 -0.3101433
## FALSE_838 0.1789990891 6.474994e-01 -0.3188628891 -0.3101433
## FALSE_839 -0.3456683782 -4.896121e-01 0.5030925306 -0.3101433
## FALSE_840 -0.4506018761 -8.400661e-01 -0.3188628891 -0.3101433
## FALSE_841 0.1370256900 -7.087247e-02 -0.3188628891 -0.3101433
## FALSE_842 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_843 1.7530014690 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_844 -0.2906629129 -5.033002e-01 0.2767358468 -0.3101433
## FALSE_845 -0.4506018761 -7.096376e-01 -0.3188628891 -0.3101433
## FALSE_846 -0.4506018761 -7.741352e-01 -0.3188628891 -0.3101433
## FALSE_847 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_848 -0.4506018761 -4.581056e-01 0.1368013967 -0.3101433
## TRUE_849 -0.4506018761 -2.796536e-01 1.0317324469 -0.3101433
## FALSE_850 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_851 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_852 -0.4506018761 -3.799851e-01 -0.3188628891 -0.3101433
## FALSE_853 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## TRUE_854 -0.4506018761 -6.273360e-01 3.7063174267 -0.3101433
## FALSE_855 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_856 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_857 -0.4506018761 -8.444912e-01 -0.3188628891 -0.3101433
## FALSE_858 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_859 -0.3799735683 -5.556863e-01 -0.3188628891 -0.3101433
## FALSE_860 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433

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## FALSE_861      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_862     -0.4506018761 -8.027790e-01 -0.3188628891 -0.3101433
## FALSE_863     -0.4506018761 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_864     -0.4506018761 -7.396233e-01 -0.3188628891 -0.3101433
## FALSE_865      1.7530014690  1.986721e+00 -0.3188628891 -0.3101433
## FALSE_866     -0.0932607979 -2.156160e-01  0.1480825697 -0.3101433
## FALSE_867     -0.0908298928 -1.913533e-01  0.8191733287 -0.3101433
## TRUE_868      -0.4506018761 -3.569164e-01  0.6215349592 -0.3101433
## FALSE_869     -0.0499467264  1.511448e-01 -0.3188628891 -0.3101433
## FALSE_870      0.8086000322  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_871     -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_872     -0.4005199879 -5.093347e-01 -0.3188628891 -0.3101433
## FALSE_873     -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_874     -0.4506018761 -7.883775e-01  0.2135995634 -0.3101433
## FALSE_875     -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_876      0.0133146269 -1.007293e-01 -0.3188628891 -0.3101433
## FALSE_877     -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_878      0.4308394619  1.698273e+00 -0.3188628891 -0.3101433
## FALSE_879     -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_880     -0.4506018761 -6.256564e-01 -0.3188628891 -0.3101433
## FALSE_881     -0.0980253409 -2.054814e-01 -0.3188628891 -0.3101433
## FALSE_882     -0.1241421172 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_883     -0.2110797781 -5.826580e-01  0.1221218527 -0.3101433
## FALSE_884      0.4675661917  5.084265e-01 -0.3188628891 -0.3101433
## TRUE_885      -0.4506018761 -3.241279e-02  1.3534559667 -0.3101433
## FALSE_886      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_887     -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_888     -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_889      0.1370256900 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_890     -0.3036949791  3.281467e-01  2.0295672541 -0.3101433
## FALSE_891     -0.4506018761 -5.516185e-01 -0.3188628891 -0.3101433
## TRUE_892      -0.4506018761 -4.170096e-01  3.0907629734 -0.3101433
## FALSE_893     -0.4506018761 -6.669975e-01 -0.3188628891 -0.3101433
## TRUE_894      -0.4506018761 -6.453640e-01 -0.1413208372 -0.3101433
## FALSE_895     -0.3771484386 -6.999630e-01 -0.1419857324 -0.3101433
## FALSE_896     -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_897     -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_898     -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_899     -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_900     -0.4506018761  6.373641e-02 -0.3188628891 -0.3101433
## FALSE_901     -0.3857900234 -6.021748e-01 -0.3188628891 -0.3101433
## FALSE_902     -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_903     -0.3658478979 -5.233284e-01 -0.3188628891 -0.3101433
## FALSE_904      0.1789990891 -2.211110e-02 -0.3188628891 -0.3101433
## FALSE_905     -0.4309268494 -1.793291e-01 -0.3188628891 -0.3101433
## FALSE_906     -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_907     -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_908     -0.4506018761 -8.388888e-01 -0.3188628891 -0.3101433
## FALSE_909     -0.3036949791 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_910     -0.4506018761 -4.507810e-01 -0.3188628891 -0.3101433
## FALSE_911     -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_912     -0.3739548003 -7.848848e-01 -0.3188628891 -0.3101433
## FALSE_913     -0.2102087819 -3.106628e-01 -0.3188628891 -0.3101433
## FALSE_914      0.3757493783  4.543426e-01 -0.3188628891 -0.3101433

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## FALSE_915 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_916 -0.1751514579 -4.921262e-01 -0.3188628891 -0.3101433
## FALSE_917 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_918 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_919 -0.0240979964 2.690506e-02 -0.1953037606 -0.3101433
## FALSE_920 -0.4506018761 -8.218484e-01 -0.3188628891 -0.3101433
## FALSE_921 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_922 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_923 -0.4506018761 3.643173e-03 -0.3188628891 -0.3101433
## FALSE_924 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_925 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_926 -0.4506018761 -5.690102e-01 -0.3188628891 -0.3101433
## TRUE_927 -0.4506018761 -3.268697e-01 1.4792110298 -0.3101433
## FALSE_928 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_929 0.2104791274 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_930 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_931 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_932 -0.3587850627 -6.498710e-01 0.7598499535 -0.3101433
## FALSE_933 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_934 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_935 -0.4506018761 -6.604136e-01 -0.1625314453 -0.3101433
## FALSE_936 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_937 -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433
## FALSE_938 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_939 -0.3114269384 -2.460375e-01 -0.3188628891 -0.3101433
## FALSE_940 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_941 -0.4506018761 -7.174759e-01 1.6027430660 -0.3101433
## FALSE_942 -0.3003561894 -4.971059e-01 3.0146680493 -0.3101433
## FALSE_943 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_944 0.6511997965 9.050420e-01 -0.3188628891 -0.3101433
## FALSE_945 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_946 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_947 -0.4506018761 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_948 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_949 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_950 -0.4506018761 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_951 -0.3128766670 -3.091953e-01 -0.3188628891 -0.3101433
## FALSE_952 -0.3765311652 -6.496541e-01 -0.0992710949 -0.3101433
## FALSE_953 -0.3817392715 -5.840869e-01 -0.3188628891 -0.3101433
## FALSE_954 -0.4506018761 -6.220821e-01 -0.3188628891 -0.3101433
## FALSE_955 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_956 -0.4506018761 -7.269643e-01 -0.3188628891 -0.3101433
## FALSE_957 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_958 -0.1115859853 -2.154661e-01 -0.3188628891 -0.3101433
## FALSE_959 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_960 0.2839325649 9.451041e-01 -0.3188628891 -0.3101433
## FALSE_961 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_962 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_963 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_964 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## TRUE_965 -0.4278843122 -8.130056e-01 0.4030880716 -0.3101433
## FALSE_966 -0.4506018761 9.378304e-02 -0.3188628891 -0.3101433
## FALSE_967 0.1789990891 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_968 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433

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## TRUE_969      -0.4506018761 -6.974448e-01  1.2036054580 -0.3101433
## FALSE_970     -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_971      0.1789990891  3.384484e-01 -0.3188628891 -0.3101433
## FALSE_972      0.0390877513  6.373641e-02 -0.3188628891 -0.3101433
## FALSE_973     -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_974     -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_975     -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_976     -0.0833346446 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_977     -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_978     -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_979      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_980     -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_981     -0.1869228426 -5.126305e-01 -0.3188628891 -0.3101433
## FALSE_982     -0.4506018761 -6.911066e-01 -0.3188628891 -0.3101433
## FALSE_983      0.0390877513  6.373641e-02 -0.3188628891 -0.3101433
## FALSE_984     -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_985     -0.1115859853 -4.318018e-01 -0.3188628891 -0.3101433
## FALSE_986     -0.4506018761 -6.780397e-01 -0.3188628891 -0.3101433
## FALSE_987     -0.2810939197 -3.333413e-01 -0.3188628891 -0.3101433
## FALSE_988     -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_989     -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_990      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_991     -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_992     -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_993     -0.3437604984 -3.211584e-01 -0.3188628891 -0.3101433
## FALSE_994     -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_995     -0.4506018761 -8.131025e-01 -0.3188628891 -0.3101433
## FALSE_996     -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_997     -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_998     -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_999     -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1000     0.1789990891 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1001    -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_1002    -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_1003     0.0258529096  1.546884e-01 -0.3188628891 -0.3101433
## FALSE_1004    -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1005    -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1006    -0.4506018761 -1.045247e-01 -0.3188628891 -0.3101433
## FALSE_1007    -0.4506018761 -8.016064e-01 -0.3188628891 -0.3101433
## FALSE_1008     3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1009     3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1010    -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1011    -0.3170501595 -6.566022e-01 -0.3188628891 -0.3101433
## FALSE_1012    -0.2750400704 -4.652900e-01  0.0364618501 -0.3101433
## FALSE_1013     0.6511997965  7.247622e-01 -0.3188628891 -0.3101433
## FALSE_1014     0.2839325649  9.050420e-01 -0.3188628891 -0.3101433
## TRUE_1015     -0.4506018761 -5.371961e-01  0.2620791886 -0.3101433
## FALSE_1016    -0.3771484386 -1.766366e-01  0.6926841156 -0.3101433
## FALSE_1017     0.8086000322  9.565505e-01 -0.3188628891 -0.3101433
## TRUE_1018     -0.2502743013 -5.044180e-01  1.3246324643 -0.3101433
## FALSE_1019    -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1020     1.0184670280  2.707840e+00 -0.3188628891 -0.3101433
## FALSE_1021    -0.3080157825 -5.052811e-01 -0.3188628891 -0.3101433
## FALSE_1022    -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433

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## FALSE_1023 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_1024 -0.4506018761 -3.826706e-01 -0.3188628891 -0.3101433
## FALSE_1025 -0.1913544211 -2.887433e-01 -0.3188628891 -0.3101433
## FALSE_1026 -0.2538515869 -5.050033e-01 -0.3188628891 -0.3101433
## TRUE_1027 -0.4506018761 -3.569164e-01 3.1521317348 -0.3101433
## FALSE_1028 -0.3732824589 -6.173205e-01 -0.3188628891 -0.3101433
## FALSE_1029 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1030 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1031 -0.3587850627 3.368980e-02 -0.3188628891 -0.3101433
## FALSE_1032 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1033 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## TRUE_1034 -0.4506018761 -8.752207e-01 1.5634225370 -0.3101433
## TRUE_1035 -0.4506018761 -8.804488e-01 7.4236006857 -0.3101433
## FALSE_1036 -0.4138751463 -6.952911e-01 -0.3188628891 -0.3101433
## FALSE_1037 0.2023176417 2.926631e-01 -0.3188628891 -0.3101433
## FALSE_1038 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1039 -0.4506018761 -3.733054e-01 -0.3188628891 -0.3101433
## FALSE_1040 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_1041 -0.4138751463 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1042 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1043 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_1044 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1045 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1046 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1047 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1048 -0.4506018761 -6.724059e-01 -0.3188628891 -0.3101433
## FALSE_1049 -0.4506018761 -4.252983e-01 -0.3188628891 -0.3101433
## FALSE_1050 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1051 -0.1567881041 -3.208604e-01 -0.3188628891 -0.3101433
## TRUE_1052 -0.4506018761 -6.917216e-01 2.9008118657 -0.3101433
## FALSE_1053 -0.4506018761 -8.604564e-01 -0.3188628891 -0.3101433
## TRUE_1054 -0.4212205055 -7.270358e-01 -0.0132983161 -0.3101433
## FALSE_1055 0.5287773786 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_1056 0.2104791274 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_1057 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_1058 -0.2777702468 -5.018471e-01 -0.3188628891 -0.3101433
## FALSE_1059 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1060 -0.3314881907 -4.007682e-01 -0.3188628891 -0.3101433
## FALSE_1061 -0.4243685071 -6.598354e-01 -0.3188628891 -0.3101433
## FALSE_1062 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_1063 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1064 -0.2873720076 -5.318545e-01 0.1652455736 -0.3101433
## FALSE_1065 -0.0232363875 -3.507961e-01 0.3124483966 -0.3101433
## FALSE_1066 -0.1115859853 1.007169e-01 -0.3188628891 -0.3101433
## FALSE_1067 -0.3314881907 -5.859204e-01 -0.3188628891 -0.3101433
## FALSE_1068 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_1069 -0.3838260178 -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_1070 -0.4506018761 -8.112214e-01 -0.3188628891 -0.3101433
## FALSE_1071 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1072 -0.2302415416 -4.290283e-01 -0.3188628891 -0.3101433
## FALSE_1073 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_1074 -0.1567881041 -1.670217e-01 -0.3188628891 -0.3101433
## FALSE_1075 -0.2407348803 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_1076 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433

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## FALSE_1077 -0.4506018761 -4.588136e-01 0.8567799196 -0.3101433
## FALSE_1078 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1079 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1080 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1081 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_1082 -0.3456683782 -3.826706e-01 -0.3188628891 -0.3101433
## FALSE_1083 1.3857342375 1.157434e+00 -0.3188628891 -0.3101433
## FALSE_1084 -0.4506018761 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_1085 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1086 -0.0499467264 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1087 -0.3778413837 -6.142483e-01 -0.3188628891 -0.3101433
## FALSE_1088 -0.4506018761 -5.822661e-01 -0.3188628891 -0.3101433
## FALSE_1089 1.7530014690 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_1090 -0.4506018761 -7.651970e-01 1.6875198333 -0.3101433
## TRUE_1091 -0.4506018761 -7.439169e-01 1.4585442289 -0.3101433
## FALSE_1092 -0.2669682713 -2.066832e-01 -0.3188628891 -0.3101433
## FALSE_1093 0.3612519821 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1094 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1095 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_1096 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1097 -0.2873720076 -9.822921e-02 -0.3188628891 -0.3101433
## FALSE_1098 -0.0098812071 -2.217065e-01 -0.3188628891 -0.3101433
## FALSE_1099 0.2452728564 1.459693e-01 -0.3188628891 -0.3101433
## TRUE_1100 -0.3036949791 -8.496810e-01 1.8684924253 -0.3101433
## FALSE_1101 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1102 -0.4506018761 -7.417102e-01 -0.3188628891 -0.3101433
## FALSE_1103 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1104 -0.3149955198 6.743447e-02 -0.3188628891 -0.3101433
## FALSE_1105 -0.4506018761 1.238297e-01 -0.3188628891 -0.3101433
## FALSE_1106 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_1107 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1108 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1109 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1110 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1111 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_1112 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_1113 -0.4506018761 -4.612888e-01 -0.3188628891 -0.3101433
## FALSE_1114 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1115 -0.3084339162 -4.615949e-01 0.4684613332 -0.3101433
## FALSE_1116 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1117 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1118 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1119 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1120 -0.4506018761 1.457460e-01 -0.3188628891 -0.3101433
## FALSE_1121 -0.4506018761 -2.538993e-01 -0.3188628891 -0.3101433
## FALSE_1122 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1123 -0.4506018761 -8.634166e-01 -0.3188628891 -0.3101433
## FALSE_1124 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1125 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1126 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_1127 -0.3281794582 -5.371961e-01 0.3437721272 -0.3101433
## FALSE_1128 -0.3940992166 -8.026630e-01 -0.3188628891 -0.3101433
## FALSE_1129 -0.4506018761 -7.001286e-01 -0.3188628891 -0.3101433
## FALSE_1130 0.1789990891 2.939742e-02 -0.3188628891 -0.3101433

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## FALSE_1131 -0.4506018761 -7.291824e-01 -0.3188628891 -0.3101433
## FALSE_1132 -0.3689869308 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1133 0.0133146269 2.408534e-01 -0.3188628891 -0.3101433
## FALSE_1134 -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_1135 -0.3456683782 -4.376130e-01 -0.3188628891 -0.3101433
## FALSE_1136 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1137 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1138 0.6511997965 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1139 -0.1751514579 -8.649671e-02 -0.3188628891 -0.3101433
## TRUE_1140 -0.0617306936 -4.046375e-01 0.2261995736 -0.3101433
## FALSE_1141 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_1142 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_1143 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_1144 0.0390877513 -1.766366e-01 0.3934091525 -0.3101433
## FALSE_1145 1.7530014690 1.505975e+00 -0.3188628891 -0.3101433
## FALSE_1146 -0.4506018761 -2.023908e-01 -0.3188628891 -0.3101433
## FALSE_1147 -0.4506018761 -4.380422e-01 -0.3188628891 -0.3101433
## FALSE_1148 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1149 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1150 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1151 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1152 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_1153 -0.4506018761 -8.290776e-01 1.4762349500 -0.3101433
## FALSE_1154 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1155 -0.4506018761 -7.485586e-01 -0.3188628891 -0.3101433
## FALSE_1156 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_1157 -0.4506018761 -7.432301e-01 0.8097776250 -0.3101433
## FALSE_1158 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_1159 -0.4506018761 -1.045247e-01 -0.3188628891 -0.3101433
## FALSE_1160 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1161 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1162 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_1163 -0.4506018761 -7.463206e-01 0.7511746831 -0.3101433
## TRUE_1164 -0.3456683782 -5.543656e-01 0.2639532351 -0.3101433
## FALSE_1165 -0.0221234577 -2.006739e-01 -0.3188628891 -0.3101433
## TRUE_1166 -0.3759034468 -5.775299e-01 0.2372053149 -0.3101433
## FALSE_1167 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1168 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_1169 -0.4340334232 -6.151925e-01 -0.3123908889 -0.3101433
## FALSE_1170 0.1789990891 -6.505148e-01 -0.3188628891 -0.3101433
## FALSE_1171 0.3426953281 -2.642011e-01 -0.3188628891 -0.3101433
## FALSE_1172 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1173 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1174 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1175 -0.1834984430 -3.733054e-01 -0.3188628891 -0.3101433
## TRUE_1176 -0.2057570624 -5.371961e-01 1.8983522303 -0.3101433
## FALSE_1177 -0.3829473971 -3.980328e-01 -0.3188628891 -0.3101433
## FALSE_1178 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1179 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1180 0.8086000322 1.162584e+00 -0.3188628891 -0.3101433
## FALSE_1181 -0.3857900234 -6.199127e-01 -0.3188628891 -0.3101433
## FALSE_1182 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1183 -0.2903398206 -7.797543e-01 -0.3188628891 -0.3101433
## FALSE_1184 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433

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## FALSE_1185  0.1572887042 -1.219310e-01 -0.3188628891 -0.3101433
## FALSE_1186 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1187 -0.0833346446 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1188 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_1189 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_1190 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1191 -0.4506018761 -4.971339e-01 -0.3188628891 -0.3101433
## FALSE_1192 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1193 -0.1913544211 -7.280806e-01 -0.3188628891 -0.3101433
## FALSE_1194 -0.1358014045 -3.826706e-01 -0.3188628891 -0.3101433
## FALSE_1195 -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1196 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1197 -0.4506018761 -7.971344e-01 -0.3188628891 -0.3101433
## TRUE_1198  -0.4506018761 -4.650842e-01  3.8613980445 -0.3101433
## FALSE_1199 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1200 -0.4506018761 -8.526857e-01 -0.3188628891 -0.3101433
## FALSE_1201 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1202 -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1203 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_1204 -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1205 -0.4317676562 -5.398376e-01 -0.3188628891 -0.3101433
## FALSE_1206 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1207 -0.3375965792 -2.531656e-01 -0.3188628891 -0.3101433
## FALSE_1208 -0.2502743013 -3.487218e-01 -0.3188628891 -0.3101433
## FALSE_1209 -0.0833346446  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1210 -0.4506018761 -6.324877e-01 -0.0426812853 -0.3101433
## FALSE_1211 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_1212  -0.2903398206 -6.486418e-01  0.7709155353 -0.3101433
## FALSE_1213 -0.4506018761 -5.083514e-01 -0.3188628891 -0.3101433
## FALSE_1214  0.4308394619  8.329301e-01 -0.3188628891 -0.3101433
## FALSE_1215  3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1216 -0.2407348803 -2.281451e-01 -0.3188628891 -0.3101433
## FALSE_1217 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1218  1.7530014690  1.746348e+00 -0.3188628891 -0.3101433
## FALSE_1219  0.1002989602  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1220 -0.4161705738 -4.752249e-01 -0.3188628891 -0.3101433
## FALSE_1221  0.4308394619  8.329301e-01 -0.3188628891 -0.3101433
## FALSE_1222 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1223 -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1224 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1225  0.1002989602  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1226 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1227 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1228 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_1229  0.2505446468  5.772606e-01 -0.3188628891 -0.3101433
## TRUE_1230  -0.4506018761 -7.535318e-01  2.1343003974 -0.3101433
## FALSE_1231 -0.4506018761 -8.533791e-01  1.1357586375 -0.3101433
## FALSE_1232 -0.4506018761 -5.642381e-01 -0.3188628891 -0.3101433
## FALSE_1233 -0.3940992166 -6.065345e-01 -0.3188628891 -0.3101433
## FALSE_1234 -0.2057570624 -7.489533e-01 -0.3188628891 -0.3101433
## FALSE_1235 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1236 -0.4506018761 -4.423120e-01 -0.3188628891 -0.3101433
## FALSE_1237 -0.2057570624 -3.775442e-02 -0.3188628891 -0.3101433
## TRUE_1238  -0.4506018761 -3.241279e-02  1.5841317303 -0.3101433

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## FALSE_1239 -0.0374262489 -1.315666e-01 -0.3188628891 -0.3101433
## FALSE_1240 0.0678930338 1.733182e-01 -0.3188628891 -0.3101433
## FALSE_1241 -0.0833346446 -3.311621e-01 0.5572668560 -0.3101433
## FALSE_1242 -0.2057570624 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_1243 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_1244 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1245 0.1370256900 -3.928058e-02 -0.3188628891 -0.3101433
## FALSE_1246 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1247 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1248 -0.0098812071 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_1249 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1250 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
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## FALSE_1253 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1254 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1255 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
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## FALSE_1257 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
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## FALSE_1261 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_1262 -0.3848226635 -6.398031e-01 0.1405275653 -0.3101433
## FALSE_1263 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_1264 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
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## FALSE_1266 -0.2302415416 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1267 0.5593829831 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1268 2.7813497040 3.140511e+00 -0.3188628891 -0.3101433
## FALSE_1269 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1270 -0.4506018761 -7.666431e-01 -0.3188628891 -0.3101433
## FALSE_1271 0.1789990891 -1.251281e-01 -0.3188628891 -0.3101433
## FALSE_1272 -0.3170501595 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1273 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1274 -0.3110070859 -3.809392e-01 -0.3188628891 -0.3101433
## FALSE_1275 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_1276 -0.4506018761 -4.170096e-01 2.5367193251 -0.3101433
## FALSE_1277 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1278 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1279 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1280 -0.4506018761 -8.481455e-01 -0.3188628891 -0.3101433
## FALSE_1281 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## TRUE_1282 -0.1751514579 4.543426e-01 1.2491773308 -0.3101433
## FALSE_1283 2.1937221380 2.563616e+00 -0.3188628891 -0.3101433
## FALSE_1284 0.1309045647 3.942493e-01 -0.3188628891 -0.3101433
## FALSE_1285 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1286 0.6511997965 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_1287 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1288 -0.3346227503 -3.474280e-01 -0.3188628891 -0.3101433
## FALSE_1289 -0.4506018761 -6.739601e-01 -0.3188628891 -0.3101433
## FALSE_1290 0.1789990891 -1.405806e-01 -0.3188628891 -0.3101433
## FALSE_1291 -0.4506018761 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_1292 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433

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## TRUE_1293 -0.4506018761 -5.887046e-01 1.4726009101 -0.3101433
## FALSE_1294 -0.1707792224 7.060422e-02 1.4280053653 -0.3101433
## FALSE_1295 -0.4506018761 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1296 -0.3170501595 -6.191415e-01 -0.3188628891 -0.3101433
## FALSE_1297 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1298 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## TRUE_1299 -0.4506018761 -6.093080e-01 1.1695936159 -0.3101433
## FALSE_1300 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## TRUE_1301 -0.3674470308 -4.351510e-01 0.5898150539 -0.3101433
## FALSE_1302 -0.4216071057 -5.732521e-01 -0.3188628891 -0.3101433
## FALSE_1303 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1304 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## TRUE_1305 -0.4506018761 -3.569164e-01 1.1852451488 -0.3101433
## FALSE_1306 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_1307 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1308 0.5510359980 4.395924e-01 -0.3188628891 -0.3101433
## FALSE_1309 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_1310 -0.4506018761 -7.246871e-01 4.6400872654 -0.3101433
## FALSE_1311 -0.4506018761 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_1312 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1313 3.1171368752 1.185529e+00 -0.3188628891 -0.3101433
## FALSE_1314 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_1315 -0.4506018761 -3.569164e-01 -0.0722618112 -0.3101433
## TRUE_1316 -0.3598781381 -7.835376e-01 0.5862899401 -0.3101433
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## FALSE_1318 -0.1115859853 -3.707840e-01 -0.3188628891 -0.3101433
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## FALSE_1321 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1322 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_1323 -0.4506018761 -6.767675e-01 -0.3188628891 -0.3101433
## FALSE_1324 -0.1639542883 -1.414600e-01 -0.3188628891 -0.3101433
## FALSE_1325 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1326 -0.3504380776 -2.429913e-01 -0.0888684899 -0.3101433
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## FALSE_1328 -0.3504380776 -3.011935e-01 -0.3188628891 -0.3101433
## FALSE_1329 -0.3658478979 -5.996007e-01 -0.3188628891 -0.3101433
## TRUE_1330 -0.4506018761 -7.174759e-01 0.9590889325 -0.3101433
## FALSE_1331 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1332 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1333 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1334 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1335 -0.4506018761 -5.863633e-01 -0.3188628891 -0.3101433
## FALSE_1336 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1337 -0.4506018761 -5.543656e-01 -0.3188628891 -0.3101433
## TRUE_1338 -0.2515667366 -3.540313e-01 3.8820742376 -0.3101433
## FALSE_1339 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1340 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1341 -0.4506018761 -6.402131e-01 -0.3188628891 -0.3101433
## FALSE_1342 -0.2302415416 -4.170096e-01 -0.3188628891 -0.3101433
## TRUE_1343 -0.4423486764 -7.050503e-01 0.0300372275 -0.3101433
## FALSE_1344 -0.4506018761 -7.494111e-01 -0.3188628891 -0.3101433
## FALSE_1345 1.0184670280 9.050420e-01 -0.3188628891 -0.3101433
## FALSE_1346 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433

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## TRUE_1347 -0.4506018761 -6.481375e-01 -0.2019844466 -0.3101433
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## FALSE_1349 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_1350 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
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## FALSE_1352 -0.2057570624 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1353 -0.4506018761 -5.233284e-01 -0.3188628891 -0.3101433
## FALSE_1354 -0.4126087134 -6.820050e-01 0.5015341040 -0.3101433
## FALSE_1355 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1356 0.2839325649 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_1357 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_1358 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1359 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_1360 -0.0527290401 1.186788e-01 -0.3188628891 -0.3101433
## FALSE_1361 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## TRUE_1362 -0.4506018761 -8.155228e-01 3.0242807926 -0.3101433
## FALSE_1363 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1364 -0.3366223881 -6.668554e-01 -0.3188628891 -0.3101433
## FALSE_1365 -0.3838260178 -7.140240e-01 -0.3188628891 -0.3101433
## FALSE_1366 -0.4506018761 -6.588849e-01 -0.3188628891 -0.3101433
## FALSE_1367 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1368 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
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## FALSE_1371 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1372 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1373 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1374 -0.4506018761 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_1375 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1376 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_1377 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1378 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_1379 -0.4506018761 -8.129181e-01 -0.3188628891 -0.3101433
## FALSE_1380 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1381 1.7530014690 1.626161e+00 -0.3188628891 -0.3101433
## FALSE_1382 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_1383 -0.2810939197 -2.459750e-01 -0.3188628891 -0.3101433
## FALSE_1384 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_1385 -0.4506018761 -7.313435e-01 2.9139321707 -0.3101433
## FALSE_1386 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1387 0.7736222143 9.050420e-01 1.1107334443 -0.3101433
## FALSE_1388 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1389 -0.2407348803 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1390 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1391 0.6511997965 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_1392 -0.2589841977 -1.296071e-01 -0.3188628891 -0.3101433
## FALSE_1393 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1394 0.2839325649 6.373641e-02 -0.3188628891 -0.3101433
## TRUE_1395 -0.4506018761 -5.649315e-01 3.1450270071 -0.3101433
## FALSE_1396 -0.4506018761 -6.273360e-01 0.7675736746 -0.3101433
## FALSE_1397 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_1398 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1399 -0.3606588748 -5.798746e-01 -0.3188628891 -0.3101433
## TRUE_1400 -0.4506018761 -3.826706e-01 0.2297761445 -0.3101433

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## FALSE_1401 0.1789990891 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1402 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1403 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_1404 -0.4506018761 -5.044180e-01 3.6537791330 -0.3101433
## FALSE_1405 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1406 0.8086000322 1.574653e+00 -0.3188628891 -0.3101433
## TRUE_1407 -0.4506018761 -5.887046e-01 0.9084633559 -0.3101433
## FALSE_1408 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1409 -0.4506018761 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_1410 -0.4506018761 -6.897405e-01 -0.3188628891 -0.3101433
## FALSE_1411 0.0390877513 3.693535e-01 -0.3188628891 -0.3101433
## FALSE_1412 -0.2873720076 -6.703150e-01 -0.3188628891 -0.3101433
## FALSE_1413 0.0133146269 -7.742922e-03 -0.3188628891 -0.3101433
## FALSE_1414 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1415 -0.2302415416 1.690492e-01 -0.3188628891 -0.3101433
## FALSE_1416 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_1417 -0.4506018761 -7.045988e-01 -0.3188628891 -0.3101433
## FALSE_1418 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1419 -0.4164374742 -5.051294e-01 0.4490911526 -0.3101433
## FALSE_1420 -0.3346227503 -5.854515e-01 0.2674688185 -0.3101433
## FALSE_1421 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1422 0.1789990891 9.120763e-02 -0.3188628891 -0.3101433
## FALSE_1423 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1424 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_1425 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1426 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
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## FALSE_1429 -0.4506018761 -8.139046e-01 -0.3188628891 -0.3101433
## FALSE_1430 0.0053160536 2.229280e-02 -0.3188628891 -0.3101433
## FALSE_1431 -0.3346227503 -2.904975e-01 -0.3188628891 -0.3101433
## FALSE_1432 0.2104791274 5.156377e-01 -0.3188628891 -0.3101433
## TRUE_1433 -0.3547930369 -5.528726e-01 0.4122341405 -0.3101433
## FALSE_1434 -0.4506018761 -8.708816e-01 -0.3188628891 -0.3101433
## FALSE_1435 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_1436 0.0182499051 -5.389293e-02 0.3837417280 -0.3101433
## FALSE_1437 -0.3281794582 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1438 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1439 -0.2302415416 3.969911e-02 -0.3188628891 -0.3101433
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## FALSE_1442 -0.1751514579 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_1443 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1444 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1445 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1446 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1447 -0.2810939197 -6.204022e-01 -0.3188628891 -0.3101433
## FALSE_1448 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1449 -0.3911254098 -4.575158e-01 0.4872304737 -0.3101433
## FALSE_1450 0.1789990891 7.505165e-01 -0.3188628891 -0.3101433
## FALSE_1451 -0.4506018761 -3.785499e-01 -0.3188628891 -0.3101433
## FALSE_1452 -0.4506018761 -8.016064e-01 -0.3188628891 -0.3101433
## FALSE_1453 2.1937221380 2.130944e+00 -0.3188628891 -0.3101433
## FALSE_1454 -0.4506018761 -7.279922e-01 0.2953445464 -0.3101433

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## FALSE_1455 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
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## FALSE_1458 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1459 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## TRUE_1460 -0.4506018761 -4.441485e-01 0.4796606978 -0.3101433
## TRUE_1461 -0.4506018761 -6.659674e-01 13.7024532484 -0.3101433
## FALSE_1462 -0.4506018761 -3.929723e-01 -0.3188628891 -0.3101433
## FALSE_1463 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1464 -0.4506018761 -7.309662e-01 -0.3188628891 -0.3101433
## FALSE_1465 -0.2589841977 -4.152295e-01 -0.3188628891 -0.3101433
## FALSE_1466 -0.3568315242 -5.699278e-01 -0.3188628891 -0.3101433
## FALSE_1467 -0.4506018761 -6.644524e-01 0.9124865707 -0.3101433
## FALSE_1468 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1469 -0.3860274175 -4.417018e-01 -0.3188628891 -0.3101433
## FALSE_1470 -0.4506018761 -6.526462e-01 -0.3188628891 -0.3101433
## FALSE_1471 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1472 0.8086000322 2.192755e+00 -0.3188628891 -0.3101433
## FALSE_1473 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_1474 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1475 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1476 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1477 -0.4234806092 5.727290e-01 -0.3188628891 -0.3101433
## FALSE_1478 -0.4506018761 -4.380422e-01 1.4682023132 -0.3101433
## FALSE_1479 -0.4506018761 -5.991971e-01 -0.3188628891 -0.3101433
## FALSE_1480 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_1481 -0.4506018761 -7.826834e-01 0.6974206386 -0.3101433
## TRUE_1482 -0.4506018761 -4.553394e-01 0.7195263399 -0.3101433
## FALSE_1483 -0.2669682713 -3.869630e-01 -0.3188628891 -0.3101433
## FALSE_1484 0.4308394619 4.002586e-01 -0.3188628891 -0.3101433
## TRUE_1485 -0.3968554616 -3.603084e-01 0.1439749747 -0.3101433
## FALSE_1486 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_1487 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_1488 -0.4440435338 -6.616750e-01 0.3295259256 -0.3101433
## FALSE_1489 -0.1358014045 -5.423470e-01 -0.3188628891 -0.3101433
## FALSE_1490 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_1491 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1492 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_1493 0.3999116907 3.198261e-01 -0.3188628891 -0.3101433
## FALSE_1494 -0.4164374742 -2.269472e-01 -0.3188628891 -0.3101433
## FALSE_1495 -0.0098812071 -5.516185e-01 -0.3188628891 -0.3101433
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## FALSE_1497 -0.4506018761 -5.629504e-01 0.2626205978 -0.3101433
## TRUE_1498 -0.2302415416 -2.487485e-01 -0.1145376070 -0.3101433
## FALSE_1499 -0.4506018761 -7.868142e-01 -0.3188628891 -0.3101433
## FALSE_1500 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1501 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1502 -0.1358014045 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1503 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1504 -0.4506018761 -1.342178e-01 -0.3188628891 -0.3101433
## FALSE_1505 -0.4506018761 7.787600e-02 -0.3188628891 -0.3101433
## FALSE_1506 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1507 -0.3170501595 -4.224726e-01 0.2775814831 -0.3101433
## FALSE_1508 -0.2057570624 -2.567609e-01 -0.3188628891 -0.3101433

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## FALSE_1509 -0.4506018761 -6.758729e-01 -0.3188628891 -0.3101433
## FALSE_1510 -0.2810939197 -1.489012e-01 -0.3188628891 -0.3101433
## FALSE_1511 -0.3867293093 -7.011026e-01 -0.3188628891 -0.3101433
## FALSE_1512 -0.3431090251 -4.620691e-01 0.1852315695 -0.3101433
## FALSE_1513 -0.4506018761 -8.279699e-01 -0.3188628891 -0.3101433
## FALSE_1514 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1515 -0.4005199879 -5.535852e-01 -0.3188628891 -0.3101433
## FALSE_1516 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1517 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1518 -0.4506018761 -2.702884e-01 -0.3188628891 -0.3101433
## FALSE_1519 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_1520 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## TRUE_1521 -0.4506018761 -8.616997e-01 1.1453205067 -0.3101433
## FALSE_1522 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1523 -0.4478746525 -7.649555e-01 -0.3188628891 -0.3101433
## FALSE_1524 -0.2669682713 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1525 -0.4202073548 -6.169397e-01 -0.3188628891 -0.3101433
## FALSE_1526 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1527 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1528 -0.1707792224 -2.041078e-01 -0.3188628891 -0.3101433
## FALSE_1529 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1530 -0.1358014045 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1531 0.6511997965 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1532 -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## TRUE_1533 -0.4506018761 -8.204929e-01 0.8027895097 -0.3101433
## FALSE_1534 -0.2502743013 -3.667498e-01 -0.3188628891 -0.3101433
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## FALSE_1536 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1537 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1538 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1539 0.4308394619 7.848555e-01 -0.3188628891 -0.3101433
## TRUE_1540 -0.4506018761 -7.947386e-01 2.9088164927 -0.3101433
## TRUE_1541 -0.3925031026 -5.881474e-01 0.0969047136 -0.3101433
## FALSE_1542 -0.4506018761 -3.727810e-01 -0.3188628891 -0.3101433
## FALSE_1543 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_1544 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1545 -0.4506018761 -8.748630e-01 -0.3188628891 -0.3101433
## FALSE_1546 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1547 -0.4506018761 -8.438047e-01 2.6276563933 -0.3101433
## FALSE_1548 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1549 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## TRUE_1550 -0.4506018761 -7.039210e-01 -0.0643936957 -0.3101433
## FALSE_1551 0.3757493783 9.378304e-02 -0.3188628891 -0.3101433
## FALSE_1552 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1553 0.2839325649 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_1554 0.4937995607 3.899569e-01 0.7286128561 -0.3101433
## FALSE_1555 0.4308394619 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1556 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1557 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1558 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_1559 -0.4506018761 -3.726202e-01 -0.1055453736 -0.3101433
## FALSE_1560 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1561 -0.3587850627 -5.711488e-01 -0.3188628891 -0.3101433
## FALSE_1562 -0.2186436246 8.903884e-02 -0.3188628891 -0.3101433

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## FALSE_1563 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1564 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_1565 -0.0833346446 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1566 0.2602379233 3.048848e-01 -0.3188628891 -0.3101433
## FALSE_1567 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1568 -0.0308679066 -2.281451e-01 -0.3188628891 -0.3101433
## FALSE_1569 -0.4506018761 2.560348e-01 -0.3188628891 -0.3101433
## FALSE_1570 -0.4506018761 -7.876211e-01 -0.3188628891 -0.3101433
## FALSE_1571 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1572 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1573 -0.1026644988 -5.208416e-01 0.7698703865 -0.3101433
## FALSE_1574 0.3158688593 6.071884e-01 -0.3188628891 -0.3101433
## FALSE_1575 -0.3314881907 -4.884719e-01 -0.3188628891 -0.3101433
## FALSE_1576 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_1577 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1578 -0.4506018761 -6.434851e-01 0.0283792124 -0.3101433
## FALSE_1579 1.2021006327 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_1580 1.7530014690 1.806441e+00 -0.3188628891 -0.3101433
## FALSE_1581 0.4937995607 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1582 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1583 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_1584 -0.2873720076 -3.769474e-01 -0.3188628891 -0.3101433
## FALSE_1585 -0.4506018761 -6.054101e-01 -0.3188628891 -0.3101433
## FALSE_1586 -0.4506018761 -5.930247e-01 -0.3188628891 -0.3101433
## FALSE_1587 -0.4506018761 -8.686195e-01 -0.3188628891 -0.3101433
## FALSE_1588 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1589 -0.3084339162 -2.938408e-01 0.9750410725 -0.3101433
## FALSE_1590 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1591 -0.4506018761 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_1592 0.8715601310 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_1593 -0.3281794582 -7.226267e-01 -0.3188628891 -0.3101433
## FALSE_1594 -0.4506018761 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1595 -0.2810939197 -6.758729e-01 -0.3188628891 -0.3101433
## FALSE_1596 -0.4506018761 -7.096376e-01 -0.3188628891 -0.3101433
## FALSE_1597 -0.4506018761 -6.027524e-01 -0.3188628891 -0.3101433
## FALSE_1598 -0.4506018761 -5.215196e-01 -0.3188628891 -0.3101433
## FALSE_1599 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1600 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_1601 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_1602 -0.3771484386 -3.929723e-01 1.2552390212 -0.3101433
## FALSE_1603 -0.1987615032 -2.159704e-01 -0.3188628891 -0.3101433
## TRUE_1604 -0.4506018761 -3.569164e-01 4.0376757230 -0.3101433
## FALSE_1605 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1606 -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433
## FALSE_1607 -0.1751514579 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1608 -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433
## FALSE_1609 0.4308394619 4.002586e-01 -0.3188628891 -0.3101433
## TRUE_1610 -0.4506018761 -4.665559e-01 1.4583991149 -0.3101433
## FALSE_1611 -0.2335305077 -5.166654e-02 -0.3188628891 -0.3101433
## FALSE_1612 -0.4506018761 -8.850673e-01 -0.3188628891 -0.3101433
## TRUE_1613 -0.0981329649 -3.452066e-01 0.0764110568 -0.3101433
## FALSE_1614 -0.4506018761 -8.720014e-01 -0.3188628891 -0.3101433
## FALSE_1615 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1616 -0.3848226635 -6.593558e-01 -0.3188628891 -0.3101433

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## FALSE_1617 0.1789990891 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1618 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_1619 -0.2123744832 -5.969837e-02 -0.3188628891 -0.3101433
## FALSE_1620 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1621 -0.1389812041 5.749296e-02 0.1071958653 -0.3101433
## FALSE_1622 -0.0833346446 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_1623 -0.4179559112 -5.516185e-01 -0.3188628891 -0.3101433
## FALSE_1624 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1625 -0.1358014045 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_1626 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1627 0.1789990891 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1628 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1629 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1630 -0.4506018761 -8.216560e-01 -0.3188628891 -0.3101433
## TRUE_1631 -0.4506018761 -7.936285e-01 1.3379051922 -0.3101433
## FALSE_1632 -0.1466565970 -1.965295e-01 -0.3188628891 -0.3101433
## TRUE_1633 -0.4506018761 -6.814199e-01 0.5086872174 -0.3101433
## FALSE_1634 -0.4506018761 -3.929723e-01 -0.3188628891 -0.3101433
## TRUE_1635 -0.4506018761 -8.076158e-01 0.6476658797 -0.3101433
## FALSE_1636 -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
## FALSE_1637 0.1370256900 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1638 -0.2932016403 1.066602e-01 -0.3188628891 -0.3101433
## TRUE_1639 -0.4506018761 -8.331778e-01 4.0072797438 -0.3101433
## FALSE_1640 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1641 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1642 -0.0499467264 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_1643 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1644 -0.4506018761 -8.553369e-01 -0.3188628891 -0.3101433
## FALSE_1645 -0.4506018761 -6.165192e-01 -0.3188628891 -0.3101433
## FALSE_1646 0.0390877513 1.032020e-02 -0.3188628891 -0.3101433
## FALSE_1647 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1648 -0.1567881041 -7.823766e-01 -0.3188628891 -0.3101433
## FALSE_1649 -0.4506018761 2.408534e-01 -0.3188628891 -0.3101433
## FALSE_1650 1.3122808000 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_1651 -0.4506018761 -8.443394e-01 -0.3188628891 -0.3101433
## FALSE_1652 -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433
## FALSE_1653 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1654 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1655 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_1656 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1657 -0.3375965792 -4.734048e-01 -0.3188628891 -0.3101433
## FALSE_1658 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1659 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1660 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1661 0.0133146269 -2.145902e-01 -0.3188628891 -0.3101433
## FALSE_1662 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## TRUE_1663 -0.4506018761 -4.423120e-01 3.7984837549 -0.3101433
## FALSE_1664 -0.4506018761 -4.592373e-01 -0.3188628891 -0.3101433
## FALSE_1665 -0.4506018761 -3.985194e-01 -0.3188628891 -0.3101433
## FALSE_1666 -0.4506018761 -5.215196e-01 -0.3188628891 -0.3101433
## FALSE_1667 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1668 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1669 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1670 -0.4506018761 -2.355035e-01 -0.3188628891 -0.3101433

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## FALSE_1671 -0.4506018761 -8.598020e-01 -0.3188628891 -0.3101433
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## FALSE_1673 -0.2057570624 -2.166988e-01 -0.3188628891 -0.3101433
## FALSE_1674 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_1675 -0.4506018761 -2.858971e-01 1.8062659002 -0.3101433
## FALSE_1676 -0.4506018761 -6.988263e-01 -0.3188628891 -0.3101433
## FALSE_1677 -0.1358014045 -2.211110e-02 -0.3188628891 -0.3101433
## FALSE_1678 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_1679 -0.0098812071 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1680 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_1681 -0.4506018761 4.335411e-01 -0.3188628891 -0.3101433
## FALSE_1682 -0.4506018761 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_1683 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1684 0.1370256900 2.560348e-01 -0.3188628891 -0.3101433
## TRUE_1685 -0.1913544211 -3.208604e-01 2.5069699851 -0.3101433
## FALSE_1686 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1687 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_1688 -0.4506018761 -7.510874e-01 0.0710696522 -0.3101433
## FALSE_1689 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1690 -0.4506018761 -8.408252e-01 -0.3188628891 -0.3101433
## FALSE_1691 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## TRUE_1692 -0.4506018761 -7.666431e-01 0.2513651332 -0.3101433
## FALSE_1693 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1694 -0.3431090251 -5.462452e-01 -0.3188628891 -0.3101433
## FALSE_1695 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1696 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_1697 -0.4506018761 -5.135230e-01 1.6104629779 -0.3101433
## TRUE_1698 -0.2743136085 -3.352828e-01 0.4372159798 -0.3101433
## FALSE_1699 -0.0374262489 1.130392e+00 -0.3188628891 -0.3101433
## FALSE_1700 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1701 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_1702 -0.4506018761 -7.214821e-01 -0.3188628891 -0.3101433
## FALSE_1703 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_1704 -0.4506018761 -3.953760e-01 -0.0283656159 -0.3101433
## FALSE_1705 -0.2538515869 -5.200266e-01 1.1330708874 -0.3101433
## FALSE_1706 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1707 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1708 1.0749696654 1.321072e+00 -0.3188628891 -0.3101433
## FALSE_1709 -0.3719017472 -6.183220e-01 -0.3188628891 -0.3101433
## FALSE_1710 -0.4506018761 -4.394173e-01 -0.3188628891 -0.3101433
## FALSE_1711 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1712 -0.2792104999 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1713 -0.4506018761 -5.110004e-01 -0.3188628891 -0.3101433
## FALSE_1714 -0.4506018761 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_1715 -0.0833346446 3.643173e-03 -0.3188628891 -0.3101433
## FALSE_1716 0.1002989602 4.242959e-01 -0.3188628891 -0.3101433
## FALSE_1717 -0.2723814891 -5.285434e-01 -0.3188628891 -0.3101433
## FALSE_1718 -0.4506018761 -7.502540e-01 -0.3188628891 -0.3101433
## FALSE_1719 -0.4506018761 -6.729913e-01 -0.3188628891 -0.3101433
## FALSE_1720 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1721 -0.4506018761 -5.516185e-01 -0.3188628891 -0.3101433
## FALSE_1722 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_1723 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1724 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433

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## FALSE_1725 -0.4506018761 -7.868142e-01 -0.3188628891 -0.3101433
## FALSE_1726 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_1727 -0.1418844956 -3.227318e-01 -0.2274361883 -0.3101433
## FALSE_1728 -0.4506018761 -5.725844e-01 -0.3188628891 -0.3101433
## FALSE_1729 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1730 -0.2302415416 -1.457315e-01 -0.3188628891 -0.3101433
## FALSE_1731 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_1732 -0.4506018761 1.007169e-01 -0.3188628891 -0.3101433
## FALSE_1733 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_1734 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1735 -0.4506018761 -5.131588e-01 -0.3188628891 -0.3101433
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## FALSE_1737 -0.4506018761 -7.711201e-01 -0.3188628891 -0.3101433
## FALSE_1738 -0.4506018761 2.939742e-02 -0.3188628891 -0.3101433
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## FALSE_1744 -0.4506018761 -7.723436e-01 -0.3188628891 -0.3101433
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## FALSE_1749 -0.1466565970 -5.247630e-01 -0.3188628891 -0.3101433
## FALSE_1750 -0.1358014045 4.414654e-01 -0.3188628891 -0.3101433
## TRUE_1751 -0.4289979252 -7.413364e-01 0.2969490465 -0.3101433
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## FALSE_1754 -0.4506018761 -6.716420e-01 4.2792556995 -0.3101433
## FALSE_1755 -0.2502743013 9.028136e-03 -0.3188628891 -0.3101433
## FALSE_1756 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1757 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1758 -0.3209781486 -4.805965e-01 -0.3188628891 -0.3101433
## FALSE_1759 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1760 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1761 -0.2502743013 -2.297840e-01 -0.3188628891 -0.3101433
## FALSE_1762 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
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## FALSE_1764 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1765 -0.4506018761 -7.096376e-01 -0.3188628891 -0.3101433
## FALSE_1766 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1767 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1768 -0.0499467264 4.395924e-01 -0.3188628891 -0.3101433
## FALSE_1769 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1770 0.1002989602 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_1771 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1772 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1773 -0.4506018761 -7.723436e-01 -0.3188628891 -0.3101433
## FALSE_1774 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1775 0.1002989602 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1776 -0.4506018761 -4.939290e-01 1.8667808562 -0.3101433
## FALSE_1777 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1778 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433

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## FALSE_1779 -0.3084339162 -3.893169e-01 0.1082062894 -0.3101433
## FALSE_1780 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1781 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1782 0.5664458183 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1783 0.8715601310 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_1784 -0.2743136085 -2.920156e-01 -0.3188628891 -0.3101433
## FALSE_1785 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1786 -0.4506018761 -8.145496e-01 -0.3188628891 -0.3101433
## FALSE_1787 -0.4506018761 -7.983581e-01 -0.3188628891 -0.3101433
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## FALSE_1789 -0.4506018761 -8.109333e-01 -0.3188628891 -0.3101433
## FALSE_1790 -0.3571156789 4.789841e-02 -0.1401812210 -0.3101433
## FALSE_1791 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1792 -0.4506018761 -3.123766e-01 -0.3188628891 -0.3101433
## FALSE_1793 -0.4506018761 -6.949409e-01 2.3978232225 -0.3101433
## FALSE_1794 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1795 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_1796 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1797 -0.3526639594 -3.101772e-01 -0.3188628891 -0.3101433
## FALSE_1798 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_1799 -0.1567881041 -3.260113e-01 -0.1903021706 -0.3101433
## FALSE_1800 -0.4506018761 -2.166988e-01 -0.3188628891 -0.3101433
## FALSE_1801 -0.4383596255 -4.323936e-01 0.0531693607 -0.3101433
## FALSE_1802 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1803 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1804 -0.3314881907 -3.910233e-01 -0.3188628891 -0.3101433
## TRUE_1805 -0.3036949791 -5.804633e-01 1.8108020362 -0.3101433
## FALSE_1806 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1807 -0.1567881041 -2.247112e-01 -0.3188628891 -0.3101433
## FALSE_1808 -0.4506018761 -7.246871e-01 0.7495728437 -0.3101433
## FALSE_1809 -0.1980251251 -4.860333e-02 -0.3188628891 -0.3101433
## FALSE_1810 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1811 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1812 -0.4506018761 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_1813 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1814 -0.4506018761 -6.735052e-01 1.2947314203 -0.3101433
## FALSE_1815 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1816 0.0390877513 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_1817 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1818 -0.4113685916 -6.618406e-01 0.0279460406 -0.3101433
## TRUE_1819 -0.4506018761 -6.065345e-01 1.3726750530 -0.3101433
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## FALSE_1821 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1822 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
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## FALSE_1824 -0.4506018761 -7.861539e-01 -0.3188628891 -0.3101433
## FALSE_1825 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1826 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1827 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_1828 -0.0221234577 5.125184e-01 -0.3188628891 -0.3101433
## FALSE_1829 -0.1358014045 2.939742e-02 -0.3188628891 -0.3101433
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## FALSE_1831 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1832 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433

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## FALSE_1833 0.3507084232 1.213465e-01 -0.3188628891 -0.3101433
## FALSE_1834 -0.0374262489 2.740628e-01 -0.3188628891 -0.3101433
## FALSE_1835 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1836 -0.4506018761 -6.177918e-01 0.2345906115 -0.3101433
## FALSE_1837 -0.4506018761 -6.381528e-01 -0.3188628891 -0.3101433
## FALSE_1838 -0.4506018761 -7.332696e-01 -0.3188628891 -0.3101433
## FALSE_1839 0.1789990891 6.474994e-01 -0.3188628891 -0.3101433
## FALSE_1840 -0.4506018761 -4.484870e-01 -0.3188628891 -0.3101433
## FALSE_1841 0.8715601310 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1842 -0.3771484386 -7.816370e-01 -0.3188628891 -0.3101433
## FALSE_1843 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1844 -0.0098812071 -2.247112e-01 -0.3188628891 -0.3101433
## FALSE_1845 -0.2057570624 -8.726715e-02 0.2140399079 -0.3101433
## FALSE_1846 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1847 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
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## FALSE_1850 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
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## TRUE_1853 -0.1701432625 -4.223718e-01 -0.2298463783 -0.3101433
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## FALSE_1855 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1856 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1857 -0.4506018761 -8.228702e-01 -0.3188628891 -0.3101433
## FALSE_1858 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1859 -0.0980253409 -3.568032e-03 -0.3188628891 -0.3101433
## FALSE_1860 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1861 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1862 -0.0499467264 -8.485780e-02 -0.3188628891 -0.3101433
## TRUE_1863 -0.3587850627 -6.874293e-01 1.8074819331 -0.3101433
## FALSE_1864 -0.1062888534 -3.231139e-01 -0.3188628891 -0.3101433
## FALSE_1865 -0.4506018761 -7.725193e-01 1.2366909740 -0.3101433
## TRUE_1866 -0.4506018761 -8.742409e-01 2.1385318338 -0.3101433
## TRUE_1867 -0.4506018761 -5.371961e-01 0.3531715833 -0.3101433
## FALSE_1868 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_1869 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1870 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1871 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1872 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1873 -0.4105363567 -5.076958e-01 -0.3188628891 -0.3101433
## FALSE_1874 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
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## FALSE_1876 0.2349636066 4.964078e-01 -0.3188628891 -0.3101433
## FALSE_1877 2.6344428070 2.707840e+00 -0.3188628891 -0.3101433
## FALSE_1878 -0.1751514579 -5.672427e-01 -0.3188628891 -0.3101433
## FALSE_1879 -0.3209781486 -7.054572e-01 -0.3188628891 -0.3101433
## TRUE_1880 -0.4506018761 -2.672916e-01 0.2364962507 -0.3101433
## TRUE_1881 -0.4506018761 -7.808174e-01 0.7996393608 -0.3101433
## FALSE_1882 -0.4506018761 -7.818615e-01 -0.3188628891 -0.3101433
## FALSE_1883 -0.4506018761 -8.616997e-01 -0.3188628891 -0.3101433
## FALSE_1884 -0.4506018761 4.543426e-01 -0.3188628891 -0.3101433
## FALSE_1885 -0.4506018761 -4.856876e-01 2.5899930322 -0.3101433
## FALSE_1886 -0.4506018761 -2.875780e-01 -0.3188628891 -0.3101433

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## FALSE_1887 -0.4506018761 -2.693519e-01 -0.3188628891 -0.3101433
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## FALSE_1893 -0.4506018761 -7.054572e-01 -0.3188628891 -0.3101433
## FALSE_1894 -0.4506018761 -2.094147e-01 -0.3188628891 -0.3101433
## FALSE_1895 -0.3876417774 -6.196097e-01 -0.3188628891 -0.3101433
## FALSE_1896 -0.3918391129 -3.834776e-01 -0.3188628891 -0.3101433
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## FALSE_1898 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1899 -0.3246816786 -6.968725e-01 -0.3188628891 -0.3101433
## FALSE_1900 0.2274299275 1.118110e-01 -0.3188628891 -0.3101433
## TRUE_1901 -0.4506018761 -4.170096e-01 4.4418197661 -0.3101433
## FALSE_1902 -0.2932016403 -6.692220e-01 -0.3188628891 -0.3101433
## FALSE_1903 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1904 -0.4506018761 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_1905 -0.0833346446 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1906 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1907 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1908 0.1002989602 9.951818e-01 -0.3188628891 -0.3101433
## FALSE_1909 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1910 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1911 -0.4506018761 -8.218484e-01 -0.3188628891 -0.3101433
## FALSE_1912 -0.4506018761 -2.217065e-01 -0.3188628891 -0.3101433
## FALSE_1913 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1914 -0.4119421675 -1.956134e-01 -0.3188628891 -0.3101433
## FALSE_1915 0.2839325649 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1916 -0.4506018761 -8.400661e-01 -0.3188628891 -0.3101433
## FALSE_1917 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1918 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1919 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_1920 -0.4506018761 4.543426e-01 -0.3188628891 -0.3101433
## FALSE_1921 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## TRUE_1922 -0.2057570624 -4.170096e-01 1.1493890019 -0.3101433
## FALSE_1923 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1924 0.5863879437 4.596449e-01 -0.3188628891 -0.3101433
## FALSE_1925 -0.1913544211 -1.342178e-01 -0.3188628891 -0.3101433
## TRUE_1926 -0.4506018761 -6.355305e-01 0.5994140301 -0.3101433
## TRUE_1927 -0.4506018761 -6.069818e-01 0.1665686550 -0.3101433
## FALSE_1928 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1929 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1930 -0.4506018761 -7.249875e-01 -0.3188628891 -0.3101433
## FALSE_1931 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1932 -0.3036949791 -6.475432e-01 -0.3188628891 -0.3101433
## FALSE_1933 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1934 -0.2669682713 -5.221728e-01 -0.3188628891 -0.3101433
## FALSE_1935 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1936 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_1937 1.0184670280 1.025228e+00 -0.3188628891 -0.3101433
## FALSE_1938 -0.2589841977 -8.257760e-02 -0.3188628891 -0.3101433
## FALSE_1939 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1940 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433

```



```

## FALSE_1941 -0.4506018761 -4.311492e-01 -0.3188628891 -0.3101433
## TRUE_1942 -0.4506018761 -5.371961e-01 1.4682225228 -0.3101433
## TRUE_1943 -0.2959630417 -4.097803e-01 0.1914668109 -0.3101433
## TRUE_1944 -0.4506018761 -4.891215e-01 0.0180912855 -0.3101433
## FALSE_1945 -0.1380340293 -2.555798e-01 -0.3188628891 -0.3101433
## FALSE_1946 -0.4506018761 -2.968231e-01 -0.3188628891 -0.3101433
## FALSE_1947 -0.1115859853 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1948 -0.4506018761 -4.978409e-01 -0.0794256099 -0.3101433
## FALSE_1949 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_1950 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1951 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_1952 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1953 -0.4506018761 -8.279699e-01 -0.3188628891 -0.3101433
## FALSE_1954 -0.2084476621 -2.162585e-01 -0.3188628891 -0.3101433
## TRUE_1955 -0.1799839160 -5.599683e-01 0.1686968758 -0.3101433
## TRUE_1956 -0.4506018761 -4.170096e-01 2.7892102604 -0.3101433
## FALSE_1957 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1958 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_1959 -0.2502743013 -5.419412e-01 -0.1664567198 -0.3101433
## TRUE_1960 -0.4506018761 -5.612334e-01 0.2592742759 -0.3101433
## FALSE_1961 -0.0833346446 1.085322e+00 -0.3188628891 -0.3101433
## FALSE_1962 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1963 -0.4506018761 -5.772583e-01 -0.3188628891 -0.3101433
## FALSE_1964 0.4937995607 1.033813e+00 -0.3188628891 -0.3101433
## TRUE_1965 -0.4506018761 -7.520602e-01 2.3337695062 -0.3101433
## FALSE_1966 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1967 -0.4506018761 -6.316284e-01 -0.3188628891 -0.3101433
## FALSE_1968 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_1969 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_1970 -0.3431090251 -3.604340e-01 0.0322453224 -0.3101433
## TRUE_1971 -0.2547260207 -6.759742e-01 -0.2214624837 -0.3101433
## FALSE_1972 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1973 -0.3587850627 -6.724059e-01 0.4661198895 -0.3101433
## TRUE_1974 -0.2932016403 -7.344001e-01 -0.0198358411 -0.3101433
## FALSE_1975 -0.4506018761 -7.552089e-01 -0.3188628891 -0.3101433
## FALSE_1976 -0.2535316677 -2.344266e-01 -0.3188628891 -0.3101433
## FALSE_1977 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1978 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1979 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1980 0.1002989602 -2.217065e-01 -0.3188628891 -0.3101433
## FALSE_1981 -0.4506018761 -7.741352e-01 -0.3188628891 -0.3101433
## FALSE_1982 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_1983 -0.3848226635 -7.686000e-01 5.5747047501 -0.3101433
## FALSE_1984 -0.4506018761 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_1985 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1986 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_1987 0.1002989602 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_1988 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1989 -0.4506018761 -4.817254e-01 -0.3188628891 -0.3101433
## FALSE_1990 -0.4065298092 -1.045247e-01 -0.3188628891 -0.3101433
## FALSE_1991 -0.4506018761 -7.411490e-01 -0.3188628891 -0.3101433
## FALSE_1992 -0.2186436246 -5.941266e-01 -0.3188628891 -0.3101433
## TRUE_1993 -0.4506018761 -3.929723e-01 2.0798361804 -0.3101433
## FALSE_1994 -0.2669682713 -6.917216e-01 -0.3188628891 -0.3101433

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## FALSE_1995 -0.3658478979 -6.342698e-01 -0.3188628891 -0.3101433
## FALSE_1996 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1997 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1998 -0.1924654779 -3.058101e-01 -0.0094206297 -0.3101433
## FALSE_1999 -0.3335743640 -6.123479e-01 -0.1153373188 -0.3101433
## FALSE_2000 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2001 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2002 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## TRUE_2003 -0.4254178410 -8.588265e-01 0.6113972489 -0.3101433
## FALSE_2004 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2005 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2006 1.1234005038 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2007 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2008 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2009 -0.4016329177 -5.572272e-01 -0.3188628891 -0.3101433
## FALSE_2010 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2011 0.3757493783 1.536021e+00 -0.3188628891 -0.3101433
## FALSE_2012 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2013 -0.3404217088 1.373769e+00 -0.3188628891 -0.3101433
## FALSE_2014 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2015 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_2016 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2017 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2018 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_2019 -0.3526639594 -5.612334e-01 -0.3188628891 -0.3101433
## TRUE_2020 -0.4179559112 -5.088444e-01 0.5483321343 -0.3101433
## FALSE_2021 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## TRUE_2022 -0.4506018761 -6.488533e-01 -0.2334574025 -0.3101433
## TRUE_2023 -0.4506018761 -8.850673e-01 2.6129149890 -0.3101433
## FALSE_2024 2.8548031415 2.617700e+00 -0.3188628891 -0.3101433
## FALSE_2025 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## TRUE_2026 -0.4506018761 -6.814199e-01 4.6131586690 -0.3101433
## FALSE_2027 -0.4506018761 -8.510353e-01 -0.3188628891 -0.3101433
## TRUE_2028 -0.4506018761 -7.313435e-01 0.3241895163 -0.3101433
## FALSE_2029 -0.4506018761 -7.758132e-01 1.4683512089 -0.3101433
## FALSE_2030 -0.3084339162 -5.488271e-01 -0.3188628891 -0.3101433
## TRUE_2031 -0.3209781486 -5.159867e-01 1.8183822000 -0.3101433
## TRUE_2032 0.1370256900 6.887062e-01 0.7533343611 -0.3101433
## FALSE_2033 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_2034 0.8086000322 1.574653e+00 -0.3188628891 -0.3101433
## FALSE_2035 -0.0833346446 -2.893114e-01 -0.3188628891 -0.3101433
## FALSE_2036 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_2037 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2038 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2039 0.1002989602 9.951818e-01 -0.3188628891 -0.3101433
## TRUE_2040 -0.1567881041 -4.481167e-01 1.0817150992 -0.3101433
## FALSE_2041 -0.4506018761 -7.485586e-01 -0.3188628891 -0.3101433
## TRUE_2042 -0.4506018761 -8.462471e-01 1.0082721635 -0.3101433
## FALSE_2043 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## FALSE_2044 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2045 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2046 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_2047 -0.4506018761 -7.868142e-01 2.6291969637 -0.3101433
## FALSE_2048 -0.4506018761 -8.664026e-01 -0.3188628891 3.6974335

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## TRUE_2049    -0.3597316425 -5.665951e-01 -0.0165444938 -0.3101433
## FALSE_2050    0.6511997965  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2051   -0.4056303864 -3.629753e-01 -0.3188628891  2.6955393
## FALSE_2052   -0.3149955198 -6.312442e-01 -0.3188628891 -0.3101433
## FALSE_2053    3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## TRUE_2054    -0.4506018761 -7.313435e-01  0.2988050223 -0.3101433
## FALSE_2055   -0.4506018761  1.238297e-01 -0.3188628891 -0.3101433
## FALSE_2056    0.2274299275 -3.430487e-01 -0.3188628891 -0.3101433
## FALSE_2057   -0.1913544211  5.020637e-01 -0.3188628891  3.6974335
## FALSE_2058    2.9772255594  2.948213e+00 -0.3188628891 -0.3101433
## FALSE_2059   -0.1969165143 -4.743336e-02 -0.3188628891  1.6936451
## FALSE_2060    3.9566048140  3.428959e+00 -0.3188628891  2.6955393
## FALSE_2061   -0.4506018761 -8.422849e-01 -0.3188628891 -0.3101433
## FALSE_2062    3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2063   -0.2484816479 -4.415144e-01 -0.3188628891  2.6955393
## TRUE_2064    -0.2669682713 -3.569164e-01  0.4687967182  2.6955393
## FALSE_2065   -0.3771484386 -3.932336e-01 -0.3188628891 -0.3101433
## TRUE_2066    -0.2664297547 -1.627902e-01  0.0429956397 -0.3101433
## FALSE_2067   -0.4506018761 -8.408252e-01 -0.3188628891 -0.3101433
## FALSE_2068    1.0184670280  1.085322e+00 -0.3188628891 -0.3101433
## FALSE_2069   -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2070   -0.0833346446 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2071   -0.3704708373 -7.010868e-01  0.7667057107 -0.3101433
## FALSE_2072    0.1002989602  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2073    0.1002989602  7.247622e-01 -0.3188628891 -0.3101433
## FALSE_2074   -0.4506018761 -6.498710e-01  0.6458250849 -0.3101433
## FALSE_2075   -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2076   -0.4506018761 -6.054101e-01 -0.3188628891  2.6955393
## FALSE_2077   -0.4506018761  8.329301e-01 -0.3188628891  2.6955393
## TRUE_2078    -0.1115859853  1.751083e-02  0.2681340467  2.6955393
## FALSE_2079   -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_2080   -0.2186436246 -2.335671e-01 -0.3188628891  3.6974335
## FALSE_2081   -0.1751514579 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2082   -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_2083    0.2274299275  8.218359e-01 -0.3188628891  2.6955393
## FALSE_2084   -0.3162358179 -3.701076e-01 -0.3188628891 -0.3101433
## FALSE_2085   -0.4506018761  1.265601e+00 -0.3188628891  3.6974335
## FALSE_2086    3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## TRUE_2087    -0.4506018761 -7.096376e-01  2.1480291325 -0.3101433
## FALSE_2088   -0.3294036921 -2.342153e-02  0.1145356902 -0.3101433
## FALSE_2089   -0.2986292255  6.751441e-03 -0.3188628891 -0.3101433
## FALSE_2090   -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2091   -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2092   -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_2093   -0.2123744832 -1.961263e-01 -0.3188628891  0.6917509
## FALSE_2094   -0.1913544211 -4.099398e-01 -0.3188628891  0.6917509
## FALSE_2095    0.2274299275  6.831592e-01 -0.3188628891  3.6974335
## FALSE_2096   -0.3209781486 -5.287124e-01 -0.3188628891  4.6993277
## FALSE_2097   -0.0499467264  2.822574e-01 -0.3188628891  2.6955393
## FALSE_2098    3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2099   -0.4506018761 -4.674104e-01 -0.3188628891 -0.3101433
## FALSE_2100   -0.1834984430 -3.506587e-01  1.4004860958 -0.3101433
## FALSE_2101    0.2839325649  9.050420e-01 -0.3188628891 -0.3101433
## FALSE_2102   -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433

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## FALSE_2103 -0.3036949791 -2.247112e-01 -0.3188628891 2.6955393
## FALSE_2104 1.3857342375 1.772102e+00 -0.3188628891 1.6936451
## FALSE_2105 -0.1200613743 8.476906e-02 -0.3188628891 -0.3101433
## FALSE_2106 -0.4506018761 -8.094553e-01 -0.3188628891 3.6974335
## FALSE_2107 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_2108 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## TRUE_2109 -0.1899606200 -1.600210e-01 0.6522855007 -0.3101433
## FALSE_2110 0.0740655912 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_2111 1.4382009974 2.192755e+00 -0.3188628891 -0.3101433
## FALSE_2112 -0.4506018761 -1.766366e-01 -0.3188628891 2.6955393
## FALSE_2113 1.1383910224 9.737200e-01 -0.3188628891 4.6993277
## FALSE_2114 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## FALSE_2115 -0.2057570624 4.242959e-01 -0.3188628891 3.6974335
## FALSE_2116 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_2117 -0.0406291643 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2118 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2119 0.9266502146 1.626161e+00 -0.3188628891 3.6974335
## TRUE_2120 -0.4506018761 -6.949409e-01 1.1279881025 -0.3101433
## FALSE_2121 -0.3806462182 -4.959893e-01 -0.3188628891 -0.3101433
## FALSE_2122 2.4875359100 2.467467e+00 -0.3188628891 3.6974335
## FALSE_2123 -0.4506018761 -8.311908e-01 -0.3188628891 4.6993277
## FALSE_2124 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_2125 -0.4506018761 -7.775691e-01 1.2038724033 -0.3101433
## FALSE_2126 -0.4506018761 -4.921262e-01 -0.3188628891 3.6974335
## TRUE_2127 -0.4506018761 -4.001835e-01 0.5833061619 -0.3101433
## FALSE_2128 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_2129 0.0543905645 1.017955e-01 -0.3188628891 -0.3101433
## TRUE_2130 -0.4506018761 -8.100520e-01 0.7747014405 -0.3101433
## FALSE_2131 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2132 2.4875359100 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_2133 1.0184670280 1.626161e+00 -0.3188628891 1.6936451
## TRUE_2134 0.0678930338 -2.723818e-01 0.1964057152 2.6955393
## FALSE_2135 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2136 -0.2669682713 -4.470562e-01 -0.3188628891 1.6936451
## TRUE_2137 -0.4506018761 -6.041572e-01 -0.1760533934 -0.3101433
## FALSE_2138 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2139 0.4308394619 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2140 0.1370256900 3.137244e-01 -0.3188628891 1.6936451
## FALSE_2141 -0.3704708373 -6.981028e-01 -0.3188628891 -0.3101433
## FALSE_2142 -0.4506018761 -6.355305e-01 -0.1696428898 1.6936451
## FALSE_2143 1.1048828316 1.159555e+00 -0.3188628891 4.6993277
## TRUE_2144 -0.4506018761 -8.798767e-01 2.8977288616 -0.3101433
## FALSE_2145 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2146 -0.3224355457 4.329785e-02 -0.3188628891 -0.3101433
## FALSE_2147 0.3888660628 3.727874e-01 -0.3188628891 2.6955393
## FALSE_2148 -0.1513470989 -4.555456e-01 0.8134053059 -0.3101433
## FALSE_2149 -0.3624577423 -8.112214e-01 0.4742928283 -0.3101433
## FALSE_2150 0.4675661917 6.346223e-01 -0.3188628891 1.6936451
## FALSE_2151 0.3158688593 6.071884e-01 -0.3188628891 2.6955393
## FALSE_2152 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_2153 -0.4506018761 -6.273360e-01 -0.3188628891 2.6955393
## FALSE_2154 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2155 0.1789990891 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2156 -0.3926123132 -5.725916e-01 -0.0771267506 -0.3101433

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## FALSE_2157 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## TRUE_2158 -0.4506018761 -7.463206e-01 2.6289771193 -0.3101433
## FALSE_2159 -0.3424146256 -4.458760e-01 0.2287265028 -0.3101433
## FALSE_2160 -0.2669682713 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_2161 -0.0833346446 1.839229e-01 -0.3188628891 1.6936451
## FALSE_2162 1.0184670280 1.011874e+00 -0.3188628891 1.6936451
## FALSE_2163 0.5287773786 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2164 -0.0365915460 -3.798611e-01 0.9181104238 -0.3101433
## FALSE_2165 -0.3634537269 -5.844736e-01 -0.1662168937 4.6993277
## FALSE_2166 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2167 -0.4506018761 -4.570718e-01 -0.3188628891 3.6974335
## FALSE_2168 -0.4506018761 -8.449908e-01 -0.3188628891 4.6993277
## TRUE_2169 -0.2123744832 -3.374266e-01 1.0022614132 -0.3101433
## FALSE_2170 -0.3746155508 -6.723615e-01 -0.3188628891 -0.3101433
## TRUE_2171 -0.4506018761 -7.947386e-01 0.6300376523 4.6993277
## FALSE_2172 -0.1567881041 -2.454707e-01 0.8789781197 -0.3101433
## FALSE_2173 -0.3116359061 -6.619495e-02 -0.0408156281 -0.3101433
## FALSE_2174 -0.4506018761 2.560348e-01 -0.3188628891 3.6974335
## TRUE_2175 -0.0069590087 1.069009e-01 -0.0843049271 0.6917509
## FALSE_2176 0.1789990891 -2.796536e-01 -0.3188628891 1.6936451
## FALSE_2177 1.7530014690 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2178 -0.1358014045 -1.251281e-01 1.9971328085 -0.3101433
## FALSE_2179 -0.2186436246 -2.145902e-01 -0.3188628891 2.6955393
## FALSE_2180 -0.1200613743 -2.848045e-01 -0.3188628891 -0.3101433
## FALSE_2181 -0.4506018761 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_2182 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2183 -0.4506018761 -8.233175e-01 -0.3188628891 -0.3101433
## FALSE_2184 -0.4506018761 -8.129181e-01 -0.3188628891 -0.3101433
## FALSE_2185 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_2186 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2187 -0.3375965792 -3.430487e-01 0.8027147969 -0.3101433
## FALSE_2188 -0.4506018761 5.444825e-01 -0.3188628891 0.6917509
## FALSE_2189 1.3857342375 1.025228e+00 -0.3188628891 -0.3101433
## FALSE_2190 -0.4506018761 -3.929723e-01 -0.1594373949 -0.3101433
## FALSE_2191 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2192 1.7530014690 2.707840e+00 -0.3188628891 2.6955393
## FALSE_2193 -0.3431090251 -5.219948e-01 -0.2876154923 -0.3101433
## FALSE_2194 -0.1680886228 -4.381413e-01 -0.3188628891 -0.3101433
## FALSE_2195 1.2021006327 1.806441e+00 -0.3188628891 4.6993277
## FALSE_2196 -0.3036949791 -3.929723e-01 -0.3188628891 -0.3101433
## FALSE_2197 -0.2465645350 -1.025216e-01 1.1045223932 -0.3101433
## TRUE_2198 -0.2766331875 -5.263522e-01 0.6715037018 -0.3101433
## FALSE_2199 -0.2186436246 -5.578598e-01 -0.0841700969 1.6936451
## FALSE_2200 -0.1668044729 -5.371857e-02 -0.3188628891 -0.3101433
## FALSE_2201 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_2202 -0.4506018761 -8.657059e-01 1.5574108048 -0.3101433
## FALSE_2203 -0.2669682713 -2.307205e-01 -0.3188628891 4.6993277
## FALSE_2204 0.0836049901 2.003223e-02 0.7204015716 -0.3101433
## FALSE_2205 -0.1567881041 6.373641e-02 -0.3188628891 1.6936451
## TRUE_2206 0.6511997965 7.292692e-01 0.3505432169 1.6936451
## FALSE_2207 -0.3036949791 1.478670e-01 -0.3188628891 2.6955393
## FALSE_2208 0.4308394619 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2209 -0.4449516167 -6.988007e-01 -0.3188628891 -0.3101433
## FALSE_2210 -0.3803420548 -5.081812e-01 -0.0575177929 -0.3101433

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## FALSE_2211 -0.1766088771 -3.816486e-01 -0.3188628891 2.6955393
## FALSE_2212 -0.4506018761 -5.789451e-01 -0.3188628891 -0.3101433
## TRUE_2213 -0.4506018761 -4.539901e-01 1.4477209579 0.6917509
## TRUE_2214 -0.4506018761 -7.646260e-01 7.3602238173 -0.3101433
## FALSE_2215 -0.3437604984 -5.353515e-01 1.4339775142 -0.3101433
## FALSE_2216 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_2217 0.1678447354 -9.888319e-02 -0.1348793791 -0.3101433
## FALSE_2218 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2219 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2220 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2221 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_2222 -0.4506018761 -8.341275e-01 0.3821348108 -0.3101433
## FALSE_2223 2.4416275143 2.752910e+00 -0.3188628891 2.6955393
## FALSE_2224 -0.4506018761 -5.901454e-01 -0.3188628891 -0.3101433
## FALSE_2225 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_2226 -0.4506018761 -6.093080e-01 1.5021565775 -0.3101433
## FALSE_2227 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2228 -0.3209781486 -5.159867e-01 -0.3188628891 -0.3101433
## FALSE_2229 -0.2561662959 -3.887304e-01 2.4220727285 -0.3101433
## FALSE_2230 0.0215988313 -2.697847e-01 -0.3188628891 -0.3101433
## FALSE_2231 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_2232 -0.3926123132 -3.250624e-01 -0.0907475085 -0.3101433
## TRUE_2233 -0.4506018761 -7.375070e-01 2.0660378157 -0.3101433
## FALSE_2234 -0.0308679066 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_2235 -0.4506018761 -2.343261e-01 -0.3188628891 -0.3101433
## TRUE_2236 -0.4506018761 -6.739601e-01 1.0700878069 -0.3101433
## FALSE_2237 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2238 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_2239 -0.4051667483 -5.865097e-01 -0.2265193943 -0.3101433
## FALSE_2240 3.1696036131 2.862365e+00 -0.3188628891 2.6955393
## FALSE_2241 0.4781198431 5.469691e-01 -0.3188628891 -0.3101433
## FALSE_2242 0.4308394619 6.887062e-01 -0.3188628891 -0.3101433
## FALSE_2243 -0.4506018761 -3.826706e-01 -0.3188628891 -0.3101433
## FALSE_2244 -0.2968621119 -1.347111e-01 -0.3188628891 2.6955393
## TRUE_2245 -0.2482301506 -5.914156e-01 0.5416728403 -0.3101433
## FALSE_2246 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2247 -0.3606588748 -5.759852e-01 0.8085000963 0.6917509
## FALSE_2248 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_2249 -0.4506018761 -3.038929e-01 -0.3188628891 3.6974335
## FALSE_2250 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2251 -0.4506018761 -5.120408e-01 0.0848627185 -0.3101433
## FALSE_2252 -0.1466565970 7.202514e-02 -0.3188628891 1.6936451
## FALSE_2253 0.1002989602 1.839229e-01 -0.3188628891 2.6955393
## FALSE_2254 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2255 -0.4506018761 -6.545876e-01 1.5704040290 -0.3101433
## TRUE_2256 -0.2465645350 -2.607672e-01 0.0117080274 3.6974335
## FALSE_2257 0.3888660628 7.299131e-01 -0.3188628891 3.6974335
## FALSE_2258 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## TRUE_2259 -0.4506018761 -7.355039e-01 1.3535846561 2.6955393
## FALSE_2260 -0.3346227503 -3.284511e-01 -0.3188628891 -0.3101433
## FALSE_2261 0.1370256900 -3.064380e-01 -0.3188628891 -0.3101433
## FALSE_2262 -0.4506018761 -7.666431e-01 -0.3188628891 -0.3101433
## FALSE_2263 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_2264 -0.2810939197 -5.675729e-01 0.6995364142 -0.3101433

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## FALSE_2265 0.1327048866 3.960168e-01 -0.3188628891 3.6974335
## FALSE_2266 0.1002989602 -3.491901e-01 -0.3188628891 -0.3101433
## FALSE_2267 -0.2880409775 -4.847534e-01 0.1860967670 -0.3101433
## FALSE_2268 0.2839325649 -2.755814e-01 -0.3188628891 -0.3101433
## FALSE_2269 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2270 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2271 -0.4506018761 -4.341791e-01 -0.3188628891 4.6993277
## FALSE_2272 -0.0098812071 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_2273 0.1334132128 2.992682e-01 -0.0956264691 0.6917509
## TRUE_2274 -0.4506018761 -8.129181e-01 0.3586016812 -0.3101433
## FALSE_2275 -0.4506018761 -5.869285e-01 -0.3188628891 -0.3101433
## FALSE_2276 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2277 -0.4506018761 -4.245213e-01 -0.3188628891 -0.3101433
## FALSE_2278 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_2279 1.5081566553 1.746348e+00 -0.3188628891 0.6917509
## FALSE_2280 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2281 0.9516911697 1.462270e+00 -0.3188628891 3.6974335
## FALSE_2282 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2283 -0.4506018761 -3.038929e-01 -0.3188628891 0.6917509
## FALSE_2284 -0.4506018761 -7.868142e-01 -0.3188628891 4.6993277
## FALSE_2285 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_2286 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_2287 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2288 3.9566048140 3.428959e+00 -0.3188628891 4.6993277
## FALSE_2289 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_2290 -0.4506018761 -3.440140e-01 0.1107213014 1.6936451
## FALSE_2291 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_2292 -0.4506018761 -7.096376e-01 -0.3188628891 -0.3101433
## FALSE_2293 -0.3547930369 -3.302663e-01 -0.0913674479 -0.3101433
## FALSE_2294 1.7530014690 2.347280e+00 -0.3188628891 1.6936451
## TRUE_2295 -0.0374262489 1.433600e-01 0.8945654006 1.6936451
## FALSE_2296 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2297 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_2298 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2299 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_2300 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2301 -0.2502743013 -3.077492e-01 -0.3188628891 1.6936451
## FALSE_2302 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_2303 -0.1913544211 -5.796149e-01 -0.3188628891 -0.3101433
## FALSE_2304 -0.4506018761 -5.371961e-01 -0.3188628891 2.6955393
## FALSE_2305 -0.0098812071 3.281467e-01 -0.3188628891 2.6955393
## FALSE_2306 1.7530014690 2.467467e+00 -0.3188628891 1.6936451
## FALSE_2307 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_2308 -0.4506018761 -4.073947e-01 -0.3188628891 1.6936451
## FALSE_2309 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2310 0.0390877513 1.438608e-01 -0.3188628891 -0.3101433
## FALSE_2311 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2312 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2313 1.3122808000 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_2314 -0.2669682713 -3.569164e-01 1.4398588394 -0.3101433
## TRUE_2315 -0.2123744832 -4.388617e-01 0.9468612027 0.6917509
## FALSE_2316 -0.0268320071 -6.178808e-01 -0.3188628891 -0.3101433
## FALSE_2317 -0.4506018761 -4.921262e-01 -0.3188628891 -0.3101433
## FALSE_2318 3.9566048140 3.428959e+00 -0.3188628891 1.6936451

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## FALSE_2319 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2320 -0.4506018761 -1.766366e-01 -0.3188628891 0.6917509
## FALSE_2321 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2322 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_2323 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2324 -0.3624577423 -6.790162e-01 -0.3188628891 -0.3101433
## FALSE_2325 -0.3281794582 -5.257498e-01 -0.3188628891 -0.3101433
## FALSE_2326 -0.4506018761 -6.711182e-01 0.7418247660 1.6936451
## FALSE_2327 0.0782629267 2.946662e-01 -0.3188628891 -0.3101433
## FALSE_2328 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_2329 -0.1358014045 -4.513486e-01 -0.3188628891 1.6936451
## FALSE_2330 -0.4506018761 -6.814199e-01 -0.3188628891 1.6936451
## FALSE_2331 -0.1692908206 -3.914380e-01 -0.3188628891 -0.3101433
## FALSE_2332 3.0751634760 2.852063e+00 -0.3188628891 1.6936451
## FALSE_2333 0.1615101691 -3.609226e-01 -0.3188628891 2.6955393
## FALSE_2334 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_2335 3.9566048140 3.428959e+00 -0.3188628891 4.6993277
## FALSE_2336 1.0184670280 7.848555e-01 -0.3188628891 -0.3101433
## FALSE_2337 0.0782629267 2.848796e-01 -0.3188628891 3.6974335
## FALSE_2338 -0.3404217088 -4.590749e-01 -0.3188628891 3.6974335
## TRUE_2339 -0.3281794582 -4.525193e-01 0.0147132176 2.6955393
## FALSE_2340 -0.4506018761 -1.296071e-01 -0.3188628891 3.6974335
## FALSE_2341 0.1002989602 3.643173e-03 -0.3188628891 0.6917509
## FALSE_2342 -0.3149955198 -4.001043e-01 -0.1718781371 -0.3101433
## FALSE_2343 -0.4195652027 -8.208835e-01 -0.3188628891 -0.3101433
## FALSE_2344 -0.4301981398 -6.889468e-01 -0.2004421215 -0.3101433
## FALSE_2345 -0.1200613743 -1.405806e-01 -0.3188628891 -0.3101433
## FALSE_2346 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_2347 -0.4506018761 5.444825e-01 3.2194523813 -0.3101433
## FALSE_2348 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_2349 -0.4506018761 -3.785499e-01 -0.3188628891 -0.3101433
## TRUE_2350 -0.2669682713 -5.371961e-01 -0.0242445759 -0.3101433
## FALSE_2351 -0.4276476672 -4.740982e-01 -0.3188628891 -0.3101433
## FALSE_2352 -0.4506018761 -5.732521e-01 0.0923340614 -0.3101433
## FALSE_2353 0.0678930338 2.263417e-01 -0.3188628891 4.6993277
## FALSE_2354 -0.1279313894 -1.476873e-01 0.4136794866 4.6993277
## FALSE_2355 -0.2810939197 -3.904929e-01 -0.3188628891 -0.3101433
## FALSE_2356 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2357 0.0215988313 2.939742e-02 -0.3188628891 1.6936451
## FALSE_2358 0.0559736111 5.196163e-01 -0.3188628891 0.6917509
## FALSE_2359 0.5287773786 5.444825e-01 -0.3188628891 2.6955393
## FALSE_2360 -0.4506018761 -4.650842e-01 -0.3188628891 4.6993277
## FALSE_2361 0.6397736944 3.650039e-01 -0.3188628891 4.6993277
## FALSE_2362 0.0483271736 -1.124939e-01 -0.3188628891 4.6993277
## FALSE_2363 -0.3283536090 -7.666319e-01 -0.3188628891 2.6955393
## FALSE_2364 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_2365 -0.2502743013 -2.094147e-01 -0.3188628891 -0.3101433
## FALSE_2366 -0.2387169306 -4.749948e-01 0.1626464728 3.6974335
## TRUE_2367 -0.4506018761 -5.044180e-01 4.3133123486 -0.3101433
## FALSE_2368 -0.4506018761 6.373641e-02 -0.3188628891 3.6974335
## FALSE_2369 -0.4506018761 -6.579737e-01 -0.0535607589 3.6974335
## FALSE_2370 0.1280754685 1.885294e-01 -0.1805719144 -0.3101433
## FALSE_2371 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2372 0.0152004486 2.103053e-01 -0.3188628891 0.6917509

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## FALSE_2373 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## TRUE_2374 -0.2186436246 1.649461e-01 0.8784498159 -0.3101433
## FALSE_2375 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2376 -0.3800865690 -4.826180e-01 -0.3188628891 -0.3101433
## FALSE_2377 -0.2302415416 7.575507e-02 -0.3188628891 3.6974335
## FALSE_2378 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2379 0.0390877513 6.373641e-02 -0.3188628891 0.6917509
## FALSE_2380 0.2839325649 1.839229e-01 -0.3188628891 1.6936451
## FALSE_2381 -0.4506018761 -6.273360e-01 1.4854752130 -0.3101433
## FALSE_2382 0.2839325649 6.887062e-01 -0.3188628891 -0.3101433
## FALSE_2383 -0.3246816786 -5.492148e-01 -0.1811408381 -0.3101433
## FALSE_2384 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2385 1.4591876970 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_2386 -0.0098812071 1.265601e+00 -0.3188628891 3.6974335
## FALSE_2387 -0.4506018761 7.247622e-01 -0.3188628891 3.6974335
## FALSE_2388 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2389 0.3271404888 6.293200e-01 -0.3188628891 -0.3101433
## FALSE_2390 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_2391 -0.4506018761 -4.921262e-01 -0.3188628891 -0.3101433
## FALSE_2392 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2393 1.0184670280 1.986721e+00 -0.3188628891 2.6955393
## FALSE_2394 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_2395 -0.3918391129 -2.920156e-01 0.6764145572 -0.3101433
## FALSE_2396 -0.3893906671 -1.294205e-01 0.0195227315 1.6936451
## FALSE_2397 0.1615101691 -5.645009e-02 -0.3188628891 1.6936451
## FALSE_2398 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_2399 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2400 -0.4506018761 -6.700338e-01 -0.3188628891 2.6955393
## FALSE_2401 -0.4506018761 -3.394699e-01 -0.3188628891 -0.3101433
## FALSE_2402 1.3122808000 1.986721e+00 -0.3188628891 4.6993277
## FALSE_2403 -0.4506018761 -8.415645e-01 -0.3188628891 -0.3101433
## FALSE_2404 1.0184670280 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_2405 2.1937221380 2.130944e+00 -0.3188628891 -0.3101433
## FALSE_2406 -0.4506018761 -6.408018e-01 -0.0084517811 -0.3101433
## FALSE_2407 -0.4506018761 -4.032740e-01 -0.3188628891 2.6955393
## FALSE_2408 -0.0833346446 -2.783426e-02 -0.3188628891 4.6993277
## FALSE_2409 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2410 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_2411 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_2412 -0.3102449696 -6.099141e-01 -0.2913348313 2.6955393
## FALSE_2413 0.6511997965 7.247622e-01 -0.3188628891 2.6955393
## FALSE_2414 0.2839325649 3.643173e-03 -0.3188628891 -0.3101433
## FALSE_2415 -0.4506018761 -1.489012e-01 -0.3188628891 0.6917509
## FALSE_2416 -0.3547930369 -5.409286e-01 -0.3188628891 -0.3101433
## FALSE_2417 0.0390877513 1.025228e+00 -0.3188628891 1.6936451
## FALSE_2418 0.2274299275 -6.569521e-02 -0.3188628891 -0.3101433
## FALSE_2419 -0.3268039249 -5.678697e-01 1.9796522393 -0.3101433
## FALSE_2420 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## TRUE_2421 -0.4506018761 -5.649315e-01 3.5143656078 -0.3101433
## FALSE_2422 0.4308394619 8.329301e-01 -0.3188628891 2.6955393
## FALSE_2423 -0.4506018761 -5.301263e-01 2.5760053418 -0.3101433
## FALSE_2424 -0.4506018761 -8.244215e-01 -0.3188628891 2.6955393
## FALSE_2425 0.3507084232 6.755950e-01 -0.3188628891 2.6955393
## FALSE_2426 -0.4506018761 -8.359454e-01 -0.3188628891 2.6955393

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## FALSE_2427 -0.0466079368 -3.590625e-01 -0.3188628891 -0.3101433
## TRUE_2428 -0.0374262489 -4.392519e-01 0.2265791232 -0.3101433
## FALSE_2429 0.6511997965 6.165944e-01 -0.3188628891 2.6955393
## FALSE_2430 -0.4506018761 -4.357887e-01 -0.3188628891 1.6936451
## FALSE_2431 -0.4506018761 -7.197579e-01 1.9291903862 -0.3101433
## FALSE_2432 0.6511997965 1.698273e+00 -0.3188628891 2.6955393
## FALSE_2433 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_2434 1.7530014690 2.347280e+00 -0.3188628891 2.6955393
## FALSE_2435 -0.2873720076 -2.640346e-02 -0.3188628891 -0.3101433
## FALSE_2436 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_2437 -0.4506018761 -5.044180e-01 2.3420830956 -0.3101433
## FALSE_2438 -0.4506018761 -6.402131e-01 -0.3188628891 -0.3101433
## FALSE_2439 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_2440 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2441 -0.3886255320 -6.203861e-01 0.1406191118 -0.3101433
## FALSE_2442 -0.1265425684 2.581558e-01 -0.3188628891 2.6955393
## FALSE_2443 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2444 -0.4506018761 -4.032740e-01 -0.3188628891 -0.3101433
## FALSE_2445 0.1242511810 8.045801e-02 -0.3188628891 -0.3101433
## FALSE_2446 0.1503808484 2.232567e-01 -0.3188628891 -0.3101433
## FALSE_2447 2.1937221380 2.563616e+00 -0.3188628891 1.6936451
## FALSE_2448 -0.4506018761 -3.733054e-01 -0.3188628891 0.6917509
## FALSE_2449 -0.0833346446 -1.265589e-01 -0.3188628891 1.6936451
## FALSE_2450 -0.1751514579 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2451 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_2452 -0.4506018761 -7.625458e-01 1.2250882823 -0.3101433
## FALSE_2453 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_2454 0.4772311078 2.408534e-01 -0.3188628891 1.6936451
## FALSE_2455 -0.4506018761 -7.625458e-01 -0.3188628891 4.6993277
## FALSE_2456 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_2457 -0.1358014045 5.856893e-01 -0.3188628891 -0.3101433
## FALSE_2458 -0.2950533943 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_2459 0.2200600202 3.877174e-01 -0.3188628891 0.6917509
## FALSE_2460 -0.1339922021 -5.386056e-01 -0.3188628891 2.6955393
## FALSE_2461 0.1789990891 3.384484e-01 -0.3188628891 2.6955393
## FALSE_2462 -0.4506018761 -5.277077e-01 -0.3188628891 -0.3101433
## FALSE_2463 0.7386443743 3.212789e-01 -0.3188628891 -0.3101433
## FALSE_2464 -0.4506018761 -4.380422e-01 -0.3188628891 -0.3101433
## FALSE_2465 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2466 0.3655475102 4.370534e-02 -0.3188628891 3.6974335
## FALSE_2467 -0.2630611724 -5.739462e-01 -0.1547428230 -0.3101433
## FALSE_2468 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2469 -0.2502743013 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_2470 -0.4506018761 -1.251281e-01 -0.3188628891 4.6993277
## FALSE_2471 0.0740655912 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2472 0.7246532339 1.179067e+00 -0.3188628891 -0.3101433
## FALSE_2473 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2474 -0.4506018761 1.839229e-01 -0.3188628891 0.6917509
## FALSE_2475 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2476 2.0920173597 1.820308e+00 -0.3188628891 2.6955393
## FALSE_2477 -0.3056279799 -5.258100e-01 -0.3188628891 3.6974335
## FALSE_2478 0.5287773786 1.505975e+00 -0.3188628891 -0.3101433
## FALSE_2479 -0.3003561894 -3.159437e-01 -0.3188628891 3.6974335
## FALSE_2480 -0.4134102521 -6.646190e-01 0.0646717861 3.6974335

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## FALSE_2481 -0.4506018761 3.173871e-02 -0.3188628891 3.6974335
## FALSE_2482 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2483 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_2484 -0.3481086926 -4.856876e-01 0.0958871527 -0.3101433
## FALSE_2485 -0.4506018761 -3.352828e-01 -0.3188628891 -0.3101433
## FALSE_2486 -0.4506018761 -3.153133e-01 -0.3188628891 2.6955393
## FALSE_2487 -0.1026644988 2.218766e-01 -0.3188628891 -0.3101433
## FALSE_2488 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_2489 0.2452728564 3.148630e-01 -0.3188628891 4.6993277
## FALSE_2490 -0.2313378563 -3.670584e-01 -0.3188628891 1.6936451
## FALSE_2491 2.6974029057 2.501806e+00 -0.3188628891 2.6955393
## FALSE_2492 -0.4238915372 -7.619605e-01 -0.0773352936 -0.3101433
## FALSE_2493 -0.2011373402 -4.419540e-01 -0.3188628891 -0.3101433
## TRUE_2494 -0.4506018761 -6.432430e-01 0.4899973517 -0.3101433
## FALSE_2495 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## FALSE_2496 -0.2831280218 -3.367250e-01 -0.3188628891 3.6974335
## FALSE_2497 0.1789990891 -2.873799e-01 1.3529264634 -0.3101433
## FALSE_2498 -0.0833346446 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_2499 1.6060945720 1.842497e+00 -0.3188628891 -0.3101433
## FALSE_2500 -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_2501 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2502 0.0133146269 -3.398372e-01 -0.3188628891 0.6917509
## FALSE_2503 -0.2186436246 -8.446348e-02 -0.3188628891 1.6936451
## FALSE_2504 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_2505 -0.3504380776 -2.258038e-01 -0.3188628891 0.6917509
## FALSE_2506 0.8086000322 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2507 -0.0185227918 3.545724e-02 -0.3188628891 -0.3101433
## TRUE_2508 -0.3817392715 -6.273360e-01 0.9441365160 -0.3101433
## FALSE_2509 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2510 -0.3246816786 -6.505148e-01 -0.3188628891 -0.3101433
## FALSE_2511 -0.4506018761 -5.371961e-01 -0.3188628891 3.6974335
## TRUE_2512 -0.4506018761 -4.388617e-01 1.2776462065 -0.3101433
## FALSE_2513 -0.3587850627 -4.370407e-01 -0.3188628891 -0.3101433
## FALSE_2514 0.2742676488 6.328459e-02 -0.3188628891 1.6936451
## FALSE_2515 -0.2890129429 -2.928113e-01 -0.3188628891 -0.3101433
## FALSE_2516 -0.3246816786 -3.837008e-01 -0.3188628891 -0.3101433
## FALSE_2517 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2518 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## FALSE_2519 -0.4131514830 -6.291776e-01 -0.2827693931 3.6974335
## FALSE_2520 0.8715601310 1.409825e+00 -0.3188628891 3.6974335
## FALSE_2521 -0.2810939197 -3.985194e-01 -0.3188628891 -0.3101433
## FALSE_2522 0.9660002680 8.149021e-01 -0.3188628891 2.6955393
## FALSE_2523 -0.4181959497 -6.535447e-01 -0.1969511891 -0.3101433
## FALSE_2524 2.8548031415 2.617700e+00 -0.3188628891 -0.3101433
## FALSE_2525 0.1002989602 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2526 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_2527 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2528 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2529 0.1370256900 -3.241279e-02 2.7688249713 -0.3101433
## FALSE_2530 -0.4506018761 -8.502093e-01 -0.3188628891 -0.3101433
## FALSE_2531 2.4875359100 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_2532 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2533 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## TRUE_2534 -0.4506018761 -7.432301e-01 1.5229276608 -0.3101433

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## FALSE_2535 -0.4506018761 -5.146612e-01 0.6661808001 -0.3101433
## FALSE_2536 -0.1501105028 -1.857416e-01 0.0015769863 1.6936451
## FALSE_2537 -0.2986292255 -2.743955e-02 -0.3188628891 -0.3101433
## TRUE_2538 -0.4506018761 -4.170096e-01 1.2530543974 -0.3101433
## FALSE_2539 -0.0908298928 -3.527116e-01 0.4935993034 0.6917509
## FALSE_2540 -0.3281794582 -2.166988e-01 -0.3188628891 3.6974335
## FALSE_2541 -0.1115859853 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_2542 -0.2123744832 -4.689821e-01 0.4495867805 -0.3101433
## FALSE_2543 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_2544 -0.4506018761 -6.273360e-01 7.5225446737 -0.3101433
## FALSE_2545 -0.4498636690 -5.754970e-01 -0.1647597532 -0.3101433
## FALSE_2546 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2547 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2548 1.7530014690 2.347280e+00 -0.3188628891 2.6955393
## FALSE_2549 -0.3404217088 -1.525993e-01 -0.3188628891 3.6974335
## FALSE_2550 0.0290059134 7.111276e-01 -0.3188628891 -0.3101433
## FALSE_2551 1.7530014690 1.505975e+00 -0.3188628891 -0.3101433
## FALSE_2552 0.2023176417 7.848555e-01 -0.3188628891 -0.3101433
## TRUE_2553 -0.4506018761 -8.376624e-01 1.8247690076 -0.3101433
## FALSE_2554 -0.0251198073 1.293478e-01 -0.1787280103 -0.3101433
## FALSE_2555 -0.2669682713 1.538763e-01 -0.3188628891 -0.3101433
## FALSE_2556 -0.4506018761 -5.941266e-01 -0.3188628891 -0.3101433
## TRUE_2557 -0.4506018761 -6.306745e-01 2.5943991891 -0.3101433
## FALSE_2558 -0.2766331875 -4.271306e-01 -0.3188628891 4.6993277
## TRUE_2559 -0.4506018761 -7.096376e-01 5.1167725432 -0.3101433
## FALSE_2560 -0.2057570624 -5.645009e-02 -0.3188628891 0.6917509
## FALSE_2561 0.0185125526 1.368679e-05 -0.3188628891 2.6955393
## FALSE_2562 -0.0499467264 -4.060836e-01 -0.3188628891 2.6955393
## FALSE_2563 -0.3456683782 -6.161758e-01 -0.3188628891 -0.3101433
## FALSE_2564 -0.2538515869 2.225543e-01 -0.3188628891 -0.3101433
## FALSE_2565 -0.0833346446 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2566 0.6511997965 1.839229e-01 -0.3188628891 2.6955393
## FALSE_2567 0.0053160536 -4.476779e-01 -0.3188628891 4.6993277
## FALSE_2568 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_2569 -0.4506018761 -4.170096e-01 1.4611261046 -0.3101433
## FALSE_2570 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2571 -0.2810939197 -6.065345e-01 -0.3188628891 -0.3101433
## FALSE_2572 -0.4506018761 -8.269314e-01 -0.3188628891 -0.3101433
## FALSE_2573 -0.2206606488 -4.747430e-01 0.7959712757 -0.3101433
## FALSE_2574 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2575 -0.4506018761 -5.887046e-01 -0.3188628891 2.6955393
## FALSE_2576 0.0618640192 -1.934068e-01 -0.3188628891 2.6955393
## TRUE_2577 -0.3561617390 -7.370491e-01 0.1911608107 -0.3101433
## FALSE_2578 -0.4506018761 -6.573826e-01 -0.3188628891 3.6974335
## FALSE_2579 -0.3036949791 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2580 -0.3566497931 -6.611022e-01 1.4685033000 -0.3101433
## FALSE_2581 -0.0980253409 -1.510593e-02 -0.3188628891 3.6974335
## FALSE_2582 0.0390877513 -9.651226e-02 -0.3188628891 -0.3101433
## FALSE_2583 0.3757493783 -2.217065e-01 -0.3188628891 -0.3101433
## FALSE_2584 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_2585 -0.0425271719 8.154183e-02 -0.3188628891 0.6917509
## FALSE_2586 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_2587 -0.2817958334 -6.326601e-01 0.7071216113 3.6974335
## FALSE_2588 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433

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## FALSE_2589 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2590 0.1975167613 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2591 -0.3680312501 -7.149276e-01 0.0892128935 -0.3101433
## FALSE_2592 0.2839325649 2.707840e+00 -0.3188628891 2.6955393
## FALSE_2593 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2594 0.6511997965 7.247622e-01 -0.3188628891 4.6993277
## FALSE_2595 2.0678019405 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_2596 -0.2407348803 -4.941591e-03 -0.3188628891 3.6974335
## FALSE_2597 -0.2669682713 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2598 0.2023176417 5.444825e-01 -0.3188628891 4.6993277
## FALSE_2599 -0.3824387173 -1.017765e-01 -0.3188628891 3.6974335
## FALSE_2600 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_2601 0.0782629267 2.041143e-01 -0.3188628891 -0.3101433
## FALSE_2602 -0.2873720076 -4.825659e-01 -0.3188628891 -0.3101433
## FALSE_2603 -0.2087429670 -2.610603e-01 -0.3188628891 2.6955393
## FALSE_2604 -0.0833346446 -4.999771e-01 -0.2088970117 -0.3101433
## FALSE_2605 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2606 -0.4506018761 -3.077492e-01 -0.3188628891 2.6955393
## FALSE_2607 -0.4506018761 -2.453146e-01 0.0027074290 4.6993277
## FALSE_2608 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_2609 -0.4506018761 8.558850e-02 -0.3188628891 -0.3101433
## FALSE_2610 -0.3940992166 8.911743e-01 -0.3188628891 2.6955393
## FALSE_2611 1.7530014690 1.986721e+00 -0.3188628891 4.6993277
## FALSE_2612 -0.4506018761 -6.906257e-01 -0.3188628891 -0.3101433
## TRUE_2613 -0.4506018761 -6.644524e-01 11.2100679023 -0.3101433
## FALSE_2614 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_2615 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## TRUE_2616 -0.1913544211 -5.296213e-01 -0.0389255771 -0.3101433
## FALSE_2617 -0.1459061158 -2.050317e-01 0.4857012462 -0.3101433
## FALSE_2618 -0.3940992166 -5.538373e-01 -0.3188628891 -0.3101433
## FALSE_2619 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2620 -0.4506018761 -5.540222e-01 -0.0920364270 -0.3101433
## FALSE_2621 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2622 -0.4097944035 -7.212033e-01 0.3139853181 -0.3101433
## TRUE_2623 -0.4506018761 -4.817254e-01 -0.0663367364 4.6993277
## FALSE_2624 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2625 -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_2626 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_2627 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_2628 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2629 -0.3624577423 -5.516185e-01 -0.3188628891 -0.3101433
## FALSE_2630 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2631 0.1002989602 -2.211110e-02 -0.3188628891 -0.3101433
## FALSE_2632 -0.4506018761 -3.689350e-01 -0.3188628891 -0.3101433
## FALSE_2633 1.4655749515 1.108836e+00 -0.3188628891 2.6955393
## FALSE_2634 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2635 2.8548031415 2.888119e+00 -0.3188628891 1.6936451
## FALSE_2636 -0.4506018761 9.050420e-01 -0.3188628891 -0.3101433
## FALSE_2637 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2638 -0.3314881907 -2.740851e-01 0.2132127428 2.6955393
## FALSE_2639 2.4875359100 2.707840e+00 -0.3188628891 -0.3101433
## FALSE_2640 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_2641 -0.1115859853 -5.649315e-01 2.0563476132 -0.3101433
## FALSE_2642 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433

```

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## FALSE_2643 0.0974738305 7.954873e-01 -0.3188628891 -0.3101433
## FALSE_2644 -0.4506018761 -2.829068e-01 -0.3188628891 -0.3101433
## FALSE_2645 0.0390877513 6.373641e-02 -0.3188628891 0.6917509
## FALSE_2646 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2647 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_2648 -0.4506018761 -4.060836e-01 -0.3188628891 2.6955393
## FALSE_2649 -0.4506018761 -3.569164e-01 -0.3188628891 0.6917509
## FALSE_2650 -0.1466565970 -3.175449e-01 -0.3188628891 3.6974335
## FALSE_2651 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2652 -0.1255703827 -4.558015e-01 -0.3188628891 -0.3101433
## FALSE_2653 -0.0499467264 2.003223e-02 -0.3188628891 -0.3101433
## FALSE_2654 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2655 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## FALSE_2656 2.1937221380 2.563616e+00 -0.3188628891 2.6955393
## FALSE_2657 -0.3556189695 -5.197898e-01 -0.1526926912 2.6955393
## FALSE_2658 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2659 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2660 -0.1567881041 -4.650842e-01 -0.3188628891 4.6993277
## FALSE_2661 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_2662 -0.4506018761 -8.016064e-01 1.4046171555 2.6955393
## FALSE_2663 0.3068867738 6.623577e-01 -0.3188628891 3.6974335
## FALSE_2664 -0.4506018761 -5.371961e-01 -0.0514442887 -0.3101433
## FALSE_2665 -0.2873720076 -5.505502e-01 -0.3188628891 -0.3101433
## FALSE_2666 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_2667 0.1709272680 -6.351987e-02 -0.3188628891 0.6917509
## FALSE_2668 0.4308394619 1.121378e+00 -0.3188628891 2.6955393
## FALSE_2669 0.1002989602 5.058511e-01 -0.3188628891 -0.3101433
## FALSE_2670 -0.3404217088 -3.406912e-01 -0.3188628891 1.6936451
## TRUE_2671 -0.2302415416 -2.487485e-01 0.7228832300 -0.3101433
## FALSE_2672 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2673 0.1503808484 6.100387e-01 -0.3188628891 -0.3101433
## FALSE_2674 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## TRUE_2675 -0.4506018761 -2.968231e-01 0.7318503792 -0.3101433
## FALSE_2676 -0.4506018761 -3.755660e-01 -0.3188628891 3.6974335
## FALSE_2677 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2678 0.8086000322 6.904232e-01 -0.3188628891 -0.3101433
## FALSE_2679 -0.2669682713 -7.119759e-01 -0.2069147540 -0.3101433
## FALSE_2680 -0.0523927261 5.305317e-02 -0.1087170012 -0.3101433
## FALSE_2681 0.0678930338 2.475511e-01 -0.3188628891 3.6974335
## FALSE_2682 0.1789990891 3.384484e-01 -0.3188628891 3.6974335
## FALSE_2683 -0.4506018761 -4.650842e-01 -0.3188628891 2.6955393
## FALSE_2684 -0.2986292255 -4.501645e-01 -0.3188628891 -0.3101433
## FALSE_2685 -0.4506018761 -5.497373e-01 0.1030748390 -0.3101433
## FALSE_2686 -0.3106905603 -1.324864e-01 -0.3188628891 -0.3101433
## FALSE_2687 1.2890849660 1.132764e+00 -0.3188628891 -0.3101433
## FALSE_2688 1.7530014690 2.347280e+00 -0.3188628891 3.6974335
## FALSE_2689 -0.4506018761 -7.248342e-01 -0.3188628891 -0.3101433
## FALSE_2690 0.7736222143 1.265601e+00 -0.3188628891 3.6974335
## FALSE_2691 -0.4506018761 -5.887046e-01 -0.3188628891 3.6974335
## FALSE_2692 -0.2502743013 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_2693 -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
## TRUE_2694 -0.4506018761 -6.402131e-01 0.3545503981 -0.3101433
## FALSE_2695 0.4308394619 8.329301e-01 -0.3188628891 1.6936451
## FALSE_2696 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433

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## FALSE_2697 -0.4506018761 -4.995257e-01 -0.3188628891 3.6974335
## FALSE_2698 0.4879699280 3.962524e-01 1.4742393172 -0.3101433
## TRUE_2699 -0.4296151765 -4.456695e-01 0.1651873487 -0.3101433
## FALSE_2700 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2701 2.2426910963 2.227094e+00 -0.3188628891 4.6993277
## FALSE_2702 -0.2123744832 -2.574616e-01 -0.3188628891 -0.3101433
## FALSE_2703 -0.4506018761 -8.720014e-01 -0.3188628891 -0.3101433
## FALSE_2704 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2705 0.6511997965 6.796923e-01 -0.3188628891 -0.3101433
## FALSE_2706 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_2707 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## TRUE_2708 -0.4506018761 -6.917216e-01 3.5388165953 -0.3101433
## FALSE_2709 2.1937221380 2.563616e+00 -0.3188628891 -0.3101433
## FALSE_2710 0.0947343108 -4.968908e-02 0.3285890125 -0.3101433
## FALSE_2711 -0.2589841977 -6.720140e-01 -0.3188628891 2.6955393
## FALSE_2712 0.0328417257 -2.104851e-01 0.1638219716 1.6936451
## FALSE_2713 0.2274299275 3.780704e-01 -0.3188628891 0.6917509
## FALSE_2714 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_2715 0.1002989602 9.951818e-01 -0.3188628891 2.6955393
## FALSE_2716 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_2717 -0.3209781486 -3.251023e-01 -0.3188628891 1.6936451
## TRUE_2718 0.0157420943 -5.074342e-01 0.3998128983 -0.3101433
## FALSE_2719 -0.2186436246 -1.690459e-01 -0.3188628891 -0.3101433
## TRUE_2720 -0.0098812071 -4.820873e-02 0.4835327278 -0.3101433
## FALSE_2721 3.9566048140 3.428959e+00 -0.3188628891 4.6993277
## TRUE_2722 -0.4506018761 -7.535318e-01 1.3652439164 -0.3101433
## FALSE_2723 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2724 -0.1358014045 -4.341791e-01 -0.3188628891 -0.3101433
## FALSE_2725 -0.2057570624 -1.766366e-01 -0.3188628891 3.6974335
## FALSE_2726 -0.0206304944 8.040239e-03 -0.3188628891 4.6993277
## FALSE_2727 -0.0854333123 -2.285572e-01 -0.3188628891 -0.3101433
## FALSE_2728 0.0133146269 3.167606e-01 -0.3188628891 -0.3101433
## FALSE_2729 -0.4506018761 -7.300171e-01 0.0749975715 -0.3101433
## FALSE_2730 -0.4506018761 -3.985194e-01 -0.3188628891 -0.3101433
## FALSE_2731 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## TRUE_2732 -0.4506018761 -8.053045e-01 2.2512405723 -0.3101433
## FALSE_2733 -0.4506018761 -6.569521e-02 -0.3188628891 2.6955393
## FALSE_2734 -0.4506018761 3.384484e-01 -0.3188628891 3.6974335
## TRUE_2735 -0.4506018761 -6.498710e-01 1.3041987553 -0.3101433
## FALSE_2736 -0.4506018761 -5.243190e-01 -0.0644757616 -0.3101433
## TRUE_2737 -0.0833346446 -4.650842e-01 1.5306451952 3.6974335
## TRUE_2738 -0.0833346446 -1.045247e-01 0.2411773279 -0.3101433
## FALSE_2739 -0.1707792224 -5.474978e-01 -0.3188628891 -0.3101433
## FALSE_2740 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2741 0.7513635949 4.789262e-01 -0.3188628891 1.6936451
## TRUE_2742 -0.4506018761 -5.346747e-01 2.6429485820 -0.3101433
## FALSE_2743 0.0502170720 4.461584e-02 -0.3188628891 -0.3101433
## FALSE_2744 -0.4506018761 -1.405806e-01 0.7746753546 -0.3101433
## FALSE_2745 0.3844478161 2.428277e-01 -0.3188628891 0.6917509
## FALSE_2746 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_2747 -0.4506018761 -1.766366e-01 3.1551076774 -0.3101433
## FALSE_2748 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2749 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2750 2.6344428070 2.563616e+00 -0.3188628891 3.6974335

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## FALSE_2751  2.1937221380  1.909458e+00 -0.3188628891  3.6974335
## FALSE_2752  0.1789990891  6.474994e-01 -0.3188628891  1.6936451
## FALSE_2753  1.7530014690  1.698273e+00 -0.3188628891 -0.3101433
## TRUE_2754   -0.4506018761 -7.535318e-01  1.2816043806 -0.3101433
## FALSE_2755  -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2756  -0.4506018761 -4.341791e-01 -0.3188628891 -0.3101433
## FALSE_2757  -0.0098812071 -2.039413e-02 -0.3188628891  1.6936451
## FALSE_2758  -0.3456683782  2.939742e-02 -0.3188628891 -0.3101433
## FALSE_2759  -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_2760  -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2761  -0.4506018761 -1.766366e-01 -0.3188628891  2.6955393
## FALSE_2762  1.0184670280  1.265601e+00 -0.3188628891  3.6974335
## TRUE_2763   -0.4506018761 -7.971344e-01  1.2110147486  2.6955393
## FALSE_2764  -0.1026644988  1.080157e-01 -0.3188628891  1.6936451
## FALSE_2765  1.9978462826  2.948213e+00 -0.3188628891 -0.3101433
## TRUE_2766   -0.1257116337 -5.205549e-01  0.6996931509  1.6936451
## FALSE_2767  1.0184670280  1.986721e+00 -0.3188628891  3.6974335
## FALSE_2768  1.7530014690  1.409825e+00 -0.3188628891  1.6936451
## FALSE_2769  -0.4086284769  2.107073e-01 -0.3188628891 -0.3101433
## TRUE_2770   -0.1993137703 -3.505907e-01  0.3844965327 -0.3101433
## FALSE_2771  -0.4506018761  2.003223e-02 -0.3188628891  2.6955393
## FALSE_2772  -0.1115859853 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_2773  3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2774  -0.3327789073 -4.224315e-01 -0.3188628891 -0.3101433
## FALSE_2775  -0.4506018761 -4.341791e-01 -0.3188628891 -0.3101433
## FALSE_2776  -0.4073939743 -5.066950e-01 -0.3188628891 -0.3101433
## FALSE_2777  -0.4125540420 -6.461034e-01 -0.2780535337 -0.3101433
## FALSE_2778  -0.3250801562 -5.454623e-01 -0.3188628891  1.6936451
## FALSE_2779  -0.0499467264  2.822574e-01 -0.3188628891  2.6955393
## FALSE_2780  -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2781  -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_2782   -0.4506018761 -8.683222e-01  2.5352974680 -0.3101433
## FALSE_2783  3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2784  -0.4506018761 -6.664755e-01 -0.3188628891  3.6974335
## FALSE_2785  1.7530014690  1.716301e+00 -0.3188628891 -0.3101433
## FALSE_2786  0.5664458183  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2787  -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_2788  0.7246532339  7.968741e-01 -0.3188628891  3.6974335
## FALSE_2789  -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_2790   -0.4506018761 -5.485822e-01  1.5178228196 -0.3101433
## FALSE_2791  -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_2792  -0.0640047903 -2.525439e-01 -0.3188628891 -0.3101433
## FALSE_2793  0.3757493783  8.599720e-01 -0.3188628891 -0.3101433
## FALSE_2794  -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## TRUE_2795   -0.4261173969  1.206247e-01  0.2520921812 -0.3101433
## FALSE_2796  3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2797  -0.3606588748 -6.524771e-01 -0.0636323621 -0.3101433
## FALSE_2798  -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2799  -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2800  -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2801  -0.4506018761  3.643173e-03 -0.3188628891 -0.3101433
## FALSE_2802  -0.4042102302 -1.070549e-01 -0.3188628891  0.6917509
## FALSE_2803  -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
## FALSE_2804  -0.1466565970 -4.212815e-01 -0.3188628891 -0.3101433

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## FALSE_2805 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2806 -0.4506018761 1.566181e-02 -0.3188628891 1.6936451
## FALSE_2807 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_2808 -0.2547260207 -2.647734e-01 -0.3188628891 1.6936451
## FALSE_2809 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_2810 -0.2302415416 7.247622e-01 -0.3188628891 0.6917509
## FALSE_2811 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2812 -0.4506018761 -6.716207e-01 1.8128649467 -0.3101433
## TRUE_2813 -0.3209781486 -6.210696e-01 0.5969650600 0.6917509
## FALSE_2814 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2815 -0.1913544211 -6.961517e-03 -0.3188628891 -0.3101433
## FALSE_2816 -0.3473079693 -4.779613e-01 -0.0302249469 0.6917509
## FALSE_2817 -0.0833346446 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2818 -0.2091111009 -3.988993e-01 -0.3188628891 3.6974335
## FALSE_2819 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_2820 -0.1861694747 -1.125996e-02 -0.3188628891 1.6936451
## FALSE_2821 -0.4506018761 7.575507e-02 -0.3188628891 -0.3101433
## FALSE_2822 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_2823 -0.4506018761 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_2824 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_2825 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_2826 -0.4506018761 -4.170096e-01 4.9348821888 -0.3101433
## FALSE_2827 -0.4506018761 -6.093080e-01 -0.3188628891 2.6955393
## FALSE_2828 -0.4506018761 -4.423120e-01 -0.3188628891 -0.3101433
## FALSE_2829 -0.0908298928 -1.736932e-01 -0.0257519710 4.6993277
## FALSE_2830 -0.0535562287 -9.867778e-02 -0.3188628891 4.6993277
## FALSE_2831 -0.3810143962 -7.935097e-01 -0.3188628891 -0.3101433
## FALSE_2832 -0.1751514579 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2833 1.7530014690 2.097662e+00 -0.3188628891 1.6936451
## FALSE_2834 -0.4506018761 -7.246871e-01 -0.3188628891 0.6917509
## FALSE_2835 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_2836 -0.3014858667 -1.698592e-01 -0.3188628891 -0.3101433
## TRUE_2837 -0.4506018761 -7.947386e-01 1.8162475896 -0.3101433
## FALSE_2838 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2839 -0.4248287297 -7.268137e-01 -0.3188628891 -0.3101433
## FALSE_2840 -0.1834984430 -4.388617e-01 1.2776754538 -0.3101433
## FALSE_2841 -0.0098812071 -3.241279e-02 -0.3188628891 2.6955393
## FALSE_2842 0.7246532339 6.965552e-01 -0.3188628891 -0.3101433
## FALSE_2843 -0.3446594143 -5.649315e-01 -0.3188628891 1.6936451
## FALSE_2844 -0.4506018761 -8.606392e-01 -0.3188628891 3.6974335
## FALSE_2845 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2846 -0.2669682713 -3.262688e-01 -0.3188628891 3.6974335
## FALSE_2847 -0.4119421675 -5.324519e-01 0.3613588421 -0.3101433
## FALSE_2848 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_2849 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_2850 -0.4506018761 -4.666519e-01 -0.3188628891 3.6974335
## FALSE_2851 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_2852 -0.4506018761 5.444825e-01 -0.3188628891 2.6955393
## FALSE_2853 0.2839325649 -2.487485e-01 -0.3188628891 1.6936451
## TRUE_2854 -0.3600428354 -4.972337e-01 0.8056893550 -0.3101433
## TRUE_2855 -0.4506018761 -7.539040e-01 0.5110340634 -0.3101433
## FALSE_2856 -0.1167225847 4.188432e-02 -0.3188628891 1.6936451
## FALSE_2857 0.7834159972 6.598615e-01 -0.3188628891 -0.3101433
## TRUE_2858 -0.4506018761 -7.701867e-01 0.8923652959 -0.3101433

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## FALSE_2859 -0.3870364034 -6.134683e-01 0.3694673311 3.6974335
## FALSE_2860 0.4308394619 3.714139e-01 -0.3188628891 4.6993277
## FALSE_2861 0.4308394619 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_2862 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2863 0.6818054009 9.350886e-01 -0.3188628891 -0.3101433
## FALSE_2864 -0.4506018761 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_2865 0.0390877513 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_2866 -0.4506018761 -7.329284e-01 2.5284668616 -0.3101433
## FALSE_2867 0.1789990891 9.565505e-01 -0.3188628891 2.6955393
## FALSE_2868 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_2869 1.4050640918 1.284578e+00 -0.3188628891 1.6936451
## FALSE_2870 1.2021006327 1.806441e+00 -0.3188628891 2.6955393
## FALSE_2871 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2872 0.1789990891 -7.394362e-03 -0.3188628891 -0.3101433
## FALSE_2873 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2874 -0.0068206444 -1.450876e-01 -0.3188628891 -0.3101433
## FALSE_2875 -0.4266496553 -5.864651e-01 0.6529813351 -0.3101433
## FALSE_2876 -0.2302415416 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_2877 -0.4506018761 -4.470562e-01 -0.3188628891 -0.3101433
## TRUE_2878 -0.4506018761 -6.027524e-01 2.3379445611 -0.3101433
## FALSE_2879 1.0184670280 1.265601e+00 -0.3188628891 2.6955393
## TRUE_2880 -0.4506018761 -6.093080e-01 2.0003347237 0.6917509
## FALSE_2881 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_2882 -0.3704708373 -4.388617e-01 0.0721254297 -0.3101433
## FALSE_2883 -0.4506018761 -5.131588e-01 -0.3188628891 -0.3101433
## FALSE_2884 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_2885 -0.1358014045 -6.331788e-02 0.2184613492 2.6955393
## FALSE_2886 -0.4506018761 -7.174759e-01 -0.3188628891 0.6917509
## FALSE_2887 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_2888 -0.4506018761 -8.204929e-01 -0.3188628891 2.6955393
## FALSE_2889 1.0604404271 1.315050e+00 -0.3188628891 -0.3101433
## FALSE_2890 -0.4506018761 -8.358897e-02 -0.3188628891 -0.3101433
## FALSE_2891 -0.1358014045 -6.505148e-01 -0.3188628891 -0.3101433
## FALSE_2892 -0.4188757834 -6.653811e-01 1.0765469583 -0.3101433
## FALSE_2893 0.1789990891 5.702367e-01 -0.3188628891 3.6974335
## FALSE_2894 -0.4122783492 -5.795797e-01 -0.3188628891 -0.3101433
## TRUE_2895 -0.4506018761 -8.480233e-01 4.0846569099 -0.3101433
## FALSE_2896 -0.2057570624 1.505975e+00 -0.3188628891 1.6936451
## FALSE_2897 -0.4506018761 -2.487485e-01 -0.3188628891 3.6974335
## FALSE_2898 -0.2302415416 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2899 0.0390877513 4.723705e-01 -0.3188628891 -0.3101433
## FALSE_2900 -0.0098812071 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_2901 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2902 -0.3093452604 -1.835704e-01 -0.3188628891 -0.3101433
## TRUE_2903 0.5987330585 2.148280e-01 1.0320541704 3.6974335
## FALSE_2904 -0.4506018761 -6.573826e-01 -0.3188628891 0.6917509
## FALSE_2905 -0.4506018761 3.643173e-03 -0.3188628891 -0.3101433
## FALSE_2906 0.5956566299 4.856576e-01 -0.3188628891 1.6936451
## FALSE_2907 -0.0268320071 -3.503127e-01 -0.3188628891 3.6974335
## FALSE_2908 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2909 -0.4097944035 -5.452086e-01 3.7192309364 -0.3101433
## FALSE_2910 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_2911 -0.3170501595 2.003223e-02 -0.3188628891 4.6993277
## FALSE_2912 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433

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## FALSE_2913 -0.4506018761 -6.462025e-01 -0.3188628891 -0.3101433
## FALSE_2914 0.6511997965 9.050420e-01 -0.3188628891 -0.3101433
## FALSE_2915 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2916 0.5287773786 6.406317e-01 -0.3188628891 0.6917509
## FALSE_2917 0.3840963634 3.543692e-01 -0.3188628891 -0.3101433
## FALSE_2918 -0.4506018761 -2.968231e-01 -0.3188628891 -0.3101433
## FALSE_2919 0.4675661917 4.543426e-01 -0.3188628891 4.6993277
## FALSE_2920 -0.4506018761 -5.989005e-01 -0.1582442582 -0.3101433
## TRUE_2921 -0.4506018761 -5.803400e-01 0.6509107911 -0.3101433
## FALSE_2922 -0.3953075845 -6.075140e-01 0.0552213817 4.6993277
## FALSE_2923 -0.3913537031 -6.409388e-01 -0.1926698076 4.6993277
## FALSE_2924 -0.3128766670 -1.889180e-02 -0.3188628891 -0.3101433
## FALSE_2925 -0.2743136085 -5.323887e-01 -0.3188628891 -0.3101433
## FALSE_2926 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2927 -0.3876417774 -6.611844e-01 0.4167110589 1.6936451
## TRUE_2928 -0.2959630417 -3.069441e-01 0.6016663682 2.6955393
## FALSE_2929 1.8689805947 1.686887e+00 -0.3188628891 4.6993277
## FALSE_2930 0.2545511943 9.194643e-01 -0.3188628891 3.6974335
## FALSE_2931 0.2839325649 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_2932 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2933 -0.4506018761 4.002586e-01 -0.3188628891 2.6955393
## FALSE_2934 1.0184670280 1.986721e+00 -0.3188628891 3.6974335
## FALSE_2935 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_2936 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2937 -0.3920343521 -5.729575e-01 -0.3188628891 4.6993277
## FALSE_2938 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2939 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## FALSE_2940 -0.4223505574 -8.117761e-01 -0.3188628891 -0.3101433
## FALSE_2941 -0.2727672298 -5.739569e-01 -0.3188628891 -0.3101433
## FALSE_2942 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_2943 -0.2932016403 -1.972400e-01 0.2720053351 -0.3101433
## FALSE_2944 -0.4506018761 3.428959e+00 -0.3188628891 0.6917509
## FALSE_2945 0.5189835958 1.241731e-01 -0.3188628891 -0.3101433
## TRUE_2946 -0.3036949791 -6.093080e-01 0.5492115119 -0.3101433
## FALSE_2947 0.0390877513 -5.772583e-01 -0.3188628891 -0.3101433
## FALSE_2948 -0.4261173969 -4.350376e-01 -0.3188628891 -0.3101433
## FALSE_2949 -0.2547260207 -3.886019e-01 -0.3188628891 -0.3101433
## FALSE_2950 -0.2502743013 -2.094147e-01 -0.3188628891 0.6917509
## FALSE_2951 -0.4506018761 3.643173e-03 0.1796477048 -0.3101433
## FALSE_2952 0.7513635949 1.462270e+00 -0.3188628891 -0.3101433
## FALSE_2953 -0.2407348803 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2954 -0.4506018761 -4.677716e-01 -0.3188628891 -0.3101433
## FALSE_2955 -0.2407348803 -4.856876e-01 -0.3188628891 -0.3101433
## FALSE_2956 -0.1466565970 1.708682e-01 -0.3188628891 2.6955393
## FALSE_2957 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2958 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2959 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2960 1.7530014690 2.347280e+00 -0.3188628891 2.6955393
## FALSE_2961 0.2227213780 -1.525993e-01 -0.3188628891 3.6974335
## FALSE_2962 -0.1358014045 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_2963 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2964 -0.4152310455 -7.937013e-01 1.1771394282 -0.3101433
## FALSE_2965 0.4308394619 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_2966 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433

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## TRUE_2967 -0.4506018761 -4.650842e-01 3.9269224013 -0.3101433
## FALSE_2968 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_2969 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2970 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_2971 -0.4506018761 8.329301e-01 -0.3188628891 4.6993277
## FALSE_2972 -0.4506018761 -7.710726e-01 -0.3188628891 -0.3101433
## FALSE_2973 0.0030811591 2.485255e-02 -0.3188628891 3.6974335
## TRUE_2974 -0.4506018761 -8.385974e-01 0.3234638517 -0.3101433
## FALSE_2975 -0.4016329177 -6.216348e-01 -0.3188628891 3.6974335
## FALSE_2976 0.0284423198 -1.390130e-01 -0.3188628891 -0.3101433
## FALSE_2977 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_2978 -0.2932016403 -5.887046e-01 -0.3188628891 3.6974335
## FALSE_2979 0.4308394619 4.002586e-01 -0.3188628891 1.6936451
## FALSE_2980 0.6774331654 6.650592e-01 -0.3188628891 3.6974335
## FALSE_2981 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_2982 -0.4506018761 -5.616408e-01 0.5046208139 -0.3101433
## FALSE_2983 -0.3404217088 -7.586827e-01 -0.3188628891 3.6974335
## FALSE_2984 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_2985 -0.1241421172 -2.567609e-01 -0.3188628891 -0.3101433
## FALSE_2986 -0.1358014045 -5.242070e-01 0.0018507763 -0.3101433
## FALSE_2987 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2988 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_2989 -0.4506018761 -8.707137e-01 -0.3188628891 -0.3101433
## TRUE_2990 -0.2669682713 -2.367298e-01 0.3342358560 2.6955393
## FALSE_2991 -0.2407348803 -4.941591e-03 0.4852544081 -0.3101433
## FALSE_2992 -0.4252731083 -6.391474e-01 -0.3188628891 -0.3101433
## TRUE_2993 -0.4506018761 -4.802657e-01 0.4987974364 1.6936451
## FALSE_2994 -0.3829720995 -3.264587e-02 -0.3188628891 2.6955393
## FALSE_2995 -0.1115859853 1.007169e-01 -0.3188628891 1.6936451
## FALSE_2996 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2997 0.2640802804 2.969632e-01 -0.3188628891 4.6993277
## FALSE_2998 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2999 0.8715601310 9.931787e-01 -0.3188628891 2.6955393
## FALSE_3000 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_3001 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3002 0.2839325649 2.560348e-01 -0.3188628891 -0.3101433
## FALSE_3003 1.0184670280 1.986721e+00 -0.3188628891 1.6936451
## FALSE_3004 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_3005 -0.3795179072 -6.418747e-01 0.1804442299 -0.3101433
## FALSE_3006 -0.4506018761 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_3007 -0.3759034468 -7.608652e-01 0.2305327326 -0.3101433
## FALSE_3008 -0.4506018761 -1.766366e-01 -0.3188628891 3.6974335
## FALSE_3009 -0.4506018761 -1.342178e-01 -0.3188628891 2.6955393
## FALSE_3010 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3011 -0.1115859853 1.007169e-01 -0.3188628891 -0.3101433
## FALSE_3012 -0.1751514579 -1.991716e-01 -0.3188628891 -0.3101433
## FALSE_3013 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3014 1.4775510508 1.310671e+00 -0.3188628891 0.6917509
## FALSE_3015 -0.4506018761 -4.170096e-01 -0.3188628891 0.6917509
## FALSE_3016 -0.3624577423 -4.254227e-01 -0.3188628891 4.6993277
## TRUE_3017 -0.4506018761 -8.279699e-01 0.8655086283 -0.3101433
## FALSE_3018 0.5987330585 3.796552e-01 -0.3188628891 3.6974335
## FALSE_3019 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_3020 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433

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## FALSE_3021 -0.4506018761 -3.569164e-01 -0.3188628891 2.6955393
## FALSE_3022 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_3023 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_3024 -0.0728413058 -1.725159e-01 -0.3188628891 -0.3101433
## FALSE_3025 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3026 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3027 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_3028 -0.1339922021 -1.814434e-02 -0.3188628891 3.6974335
## TRUE_3029 -0.4506018761 -2.321073e-01 0.1855748419 -0.3101433
## FALSE_3030 0.4308394619 8.329301e-01 -0.3188628891 2.6955393
## FALSE_3031 -0.0697321537 -4.028925e-01 -0.3188628891 2.6955393
## FALSE_3032 -0.3568315242 -4.834958e-01 -0.3188628891 -0.3101433
## FALSE_3033 -0.2356161742 -3.173428e-01 -0.3188628891 -0.3101433
## FALSE_3034 -0.4506018761 -6.131034e-01 -0.3188628891 -0.3101433
## FALSE_3035 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_3036 -0.1016980205 -6.015817e-01 -0.3188628891 -0.3101433
## FALSE_3037 -0.2932016403 -3.073980e-01 -0.3188628891 3.6974335
## FALSE_3038 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_3039 0.6511997965 1.121378e+00 -0.3188628891 3.6974335
## FALSE_3040 -0.2810939197 -8.788349e-02 -0.3188628891 -0.3101433
## FALSE_3041 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3042 -0.4506018761 -6.196097e-01 -0.3188628891 -0.3101433
## FALSE_3043 3.5893375825 3.188586e+00 -0.3188628891 3.6974335
## FALSE_3044 -0.4506018761 -7.415867e-01 0.2868390345 -0.3101433
## FALSE_3045 -0.3511912032 -5.522485e-01 -0.1699634924 2.6955393
## FALSE_3046 -0.4506018761 -7.775691e-01 -0.3188628891 2.6955393
## TRUE_3047 -0.4506018761 -5.982139e-01 2.3441004291 -0.3101433
## FALSE_3048 -0.2447708019 -1.928522e-01 -0.3188628891 -0.3101433
## FALSE_3049 -0.0499467264 9.869977e-02 -0.3188628891 2.6955393
## FALSE_3050 -0.1987615032 -4.032740e-01 -0.3188628891 -0.3101433
## FALSE_3051 -0.3422279364 -2.587969e-01 -0.3188628891 -0.3101433
## FALSE_3052 0.1789990891 1.324144e-01 -0.3188628891 -0.3101433
## FALSE_3053 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3054 0.7736222143 1.746348e+00 -0.3188628891 4.6993277
## FALSE_3055 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_3056 0.6511997965 6.373641e-02 -0.3188628891 0.6917509
## FALSE_3057 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3058 -0.1378323776 -1.650056e-01 0.7296887200 -0.3101433
## FALSE_3059 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_3060 0.5287773786 5.444825e-01 -0.3188628891 2.6955393
## FALSE_3061 0.4937995607 1.265601e+00 -0.3188628891 3.6974335
## FALSE_3062 -0.4506018761 -3.153133e-01 -0.3188628891 -0.3101433
## TRUE_3063 -0.4506018761 -5.371961e-01 12.5490054901 -0.3101433
## FALSE_3064 -0.2986292255 -4.874638e-01 -0.3188628891 -0.3101433
## FALSE_3065 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3066 -0.3128766670 -1.009835e-01 -0.3188628891 4.6993277
## FALSE_3067 -0.0592011994 -2.570378e-02 -0.3188628891 4.6993277
## FALSE_3068 -0.2502743013 -3.733054e-01 -0.3188628891 -0.3101433
## FALSE_3069 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3070 -0.2932016403 -3.826706e-01 -0.0202345220 -0.3101433
## FALSE_3071 0.5987330585 6.195990e-01 -0.3188628891 -0.3101433
## FALSE_3072 0.2839325649 2.453819e-01 1.0547066339 3.6974335
## TRUE_3073 0.3888660628 3.384484e-01 0.3545503981 -0.3101433
## FALSE_3074 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433

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## FALSE_3075 -0.2810939197 -7.868142e-01 -0.3188628891 -0.3101433
## FALSE_3076 -0.4506018761 -8.321994e-01 -0.3188628891 -0.3101433
## FALSE_3077 -0.4506018761 2.822574e-01 -0.3188628891 2.6955393
## FALSE_3078 -0.4506018761 -8.145496e-01 -0.3188628891 -0.3101433
## FALSE_3079 1.0184670280 6.887062e-01 -0.3188628891 3.6974335
## FALSE_3080 -0.2549548429 -5.249605e-01 -0.3188628891 4.6993277
## FALSE_3081 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_3082 -0.4506018761 -1.110803e-01 1.0875953489 -0.3101433
## TRUE_3083 -0.4506018761 -8.474450e-01 3.9731134192 -0.3101433
## FALSE_3084 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3085 -0.4506018761 -4.170096e-01 -0.3188628891 0.6917509
## TRUE_3086 -0.4506018761 -5.887046e-01 1.7868956805 -0.3101433
## FALSE_3087 0.6511997965 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3088 0.0390877513 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3089 1.0184670280 1.265601e+00 -0.3188628891 2.6955393
## FALSE_3090 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3091 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_3092 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_3093 -0.1358014045 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_3094 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_3095 2.1937221380 2.563616e+00 -0.3188628891 3.6974335
## FALSE_3096 0.1035395572 -2.513921e-01 -0.3188628891 -0.3101433
## FALSE_3097 -0.4506018761 -6.814199e-01 -0.3188628891 0.6917509
## FALSE_3098 -0.4506018761 -6.273360e-01 -0.3188628891 0.6917509
## FALSE_3099 -0.4506018761 -2.228622e-01 0.1519872158 -0.3101433
## FALSE_3100 0.0390877513 1.324144e-01 -0.3188628891 2.6955393
## FALSE_3101 -0.3526639594 -6.525752e-01 -0.1597441558 -0.3101433
## TRUE_3102 -0.2407348803 -5.337622e-01 0.6136910336 -0.3101433
## FALSE_3103 0.4871016642 2.271698e-01 -0.3188628891 -0.3101433
## FALSE_3104 -0.2057570624 -2.487485e-01 -0.3188628891 3.6974335
## FALSE_3105 0.5134745874 7.307715e-01 -0.3188628891 2.6955393
## TRUE_3106 -0.3624577423 -7.102647e-01 1.9261753076 -0.3101433
## FALSE_3107 -0.1751514579 -2.780440e-01 -0.3188628891 -0.3101433
## FALSE_3108 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3109 -0.3912740869 -5.981411e-01 -0.1624238577 3.6974335
## FALSE_3110 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3111 -0.4506018761 -5.371961e-01 -0.3188628891 3.6974335
## FALSE_3112 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_3113 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3114 -0.4506018761 -6.700338e-01 -0.3188628891 3.6974335
## FALSE_3115 -0.4506018761 -8.563147e-01 -0.3188628891 -0.3101433
## FALSE_3116 -0.1265425684 -5.070135e-01 -0.3188628891 -0.3101433
## TRUE_3117 -0.4506018761 -8.110948e-01 2.9216357411 0.6917509
## FALSE_3118 0.0798952239 1.572148e-01 -0.3188628891 -0.3101433
## FALSE_3119 0.3158688593 2.858202e-01 -0.3188628891 4.6993277
## FALSE_3120 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3121 -0.2502743013 -7.666431e-01 -0.3188628891 -0.3101433
## FALSE_3122 -0.3444041269 -4.780854e-01 0.2534466340 2.6955393
## FALSE_3123 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## TRUE_3124 -0.4506018761 -7.096376e-01 1.4403492930 -0.3101433
## FALSE_3125 -0.4506018761 -8.145496e-01 -0.3188628891 -0.3101433
## FALSE_3126 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3127 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3128 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433

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## FALSE_3129 -0.1431223478 -3.173067e-01 -0.3188628891 2.6955393
## FALSE_3130 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_3131 -0.3149955198 -5.704785e-01 -0.3188628891 -0.3101433
## FALSE_3132 -0.3434822715 -5.679564e-01 -0.3188628891 0.6917509
## FALSE_3133 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3134 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3135 1.3857342375 1.385788e+00 -0.3188628891 3.6974335
## FALSE_3136 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_3137 -0.1913544211 -3.887304e-01 2.9167294741 2.6955393
## FALSE_3138 -0.3587850627 -4.659436e-01 -0.3188628891 -0.3101433
## FALSE_3139 -0.4506018761 -8.702129e-01 -0.3188628891 -0.3101433
## FALSE_3140 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3141 -0.2873720076 -6.306745e-01 -0.3188628891 -0.3101433
## FALSE_3142 -0.4506018761 -5.584055e-01 -0.3188628891 -0.3101433
## TRUE_3143 -0.4506018761 -7.625458e-01 5.8735775834 -0.3101433
## FALSE_3144 -0.1200613743 -2.616038e-01 0.4196833783 3.6974335
## FALSE_3145 -0.4506018761 9.050420e-01 -0.3188628891 1.6936451
## TRUE_3146 -0.4506018761 -5.666296e-01 1.0438085692 2.6955393
## TRUE_3147 -0.4506018761 -4.170096e-01 2.4252242522 -0.3101433
## FALSE_3148 -0.3246816786 -3.045494e-01 0.0849058733 3.6974335
## FALSE_3149 -0.4506018761 -5.371961e-01 -0.3188628891 3.6974335
## FALSE_3150 -0.4506018761 -8.888894e-01 -0.3188628891 2.6955393
## FALSE_3151 -0.0482640329 7.494290e-02 -0.3188628891 -0.3101433
## FALSE_3152 -0.0499467264 -3.733054e-01 -0.3188628891 -0.3101433
## FALSE_3153 -0.3311653848 -7.532791e-01 6.0963831158 -0.3101433
## FALSE_3154 -0.1115859853 -1.489012e-01 -0.3188628891 1.6936451
## TRUE_3155 -0.4506018761 -8.576935e-01 0.3723869034 -0.3101433
## FALSE_3156 -0.3674470308 -5.480809e-01 -0.3188628891 -0.3101433
## FALSE_3157 0.4308394619 2.920908e-01 -0.3188628891 -0.3101433
## FALSE_3158 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3159 -0.3704708373 -4.650842e-01 -0.1317250919 -0.3101433
## FALSE_3160 -0.4506018761 -6.601061e-01 2.1315301236 -0.3101433
## FALSE_3161 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_3162 -0.4506018761 -1.766366e-01 -0.3188628891 2.6955393
## FALSE_3163 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3164 -0.3558232435 -4.588810e-01 -0.1406995533 -0.3101433
## FALSE_3165 1.7530014690 2.707840e+00 -0.3188628891 -0.3101433
## FALSE_3166 -0.4337160162 -7.759114e-01 -0.3188628891 -0.3101433
## FALSE_3167 -0.4506018761 -4.238774e-01 -0.3188628891 -0.3101433
## FALSE_3168 -0.2502743013 -5.152253e-01 0.1616256360 -0.3101433
## FALSE_3169 -0.3298564885 -3.104881e-01 -0.3188628891 -0.3101433
## FALSE_3170 -0.4506018761 -7.642151e-01 -0.3188628891 3.6974335
## FALSE_3171 -0.4506018761 -2.343261e-01 -0.3188628891 3.6974335
## TRUE_3172 -0.4506018761 -6.715865e-01 0.9477406726 -0.3101433
## TRUE_3173 -0.4506018761 -6.573826e-01 1.6465699243 -0.3101433
## FALSE_3174 -0.3732824589 -2.651951e-01 -0.0344592976 -0.3101433
## FALSE_3175 0.1615101691 4.643581e-01 -0.3188628891 -0.3101433
## FALSE_3176 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3177 0.1002989602 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_3178 2.4875359100 1.746348e+00 -0.3188628891 -0.3101433
## FALSE_3179 -0.2743136085 -2.920156e-01 -0.2197977829 -0.3101433
## FALSE_3180 -0.1481465193 6.271990e-01 -0.0894046282 -0.3101433
## FALSE_3181 -0.4506018761 -5.774040e-01 -0.3188628891 -0.3101433
## FALSE_3182 0.0678930338 -6.961517e-03 -0.3188628891 -0.3101433

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## FALSE_3183 1.0184670280 9.050420e-01 -0.3188628891 2.6955393
## FALSE_3184 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_3185 -0.4506018761 -5.268944e-01 -0.3188628891 2.6955393
## FALSE_3186 -0.0425271719 6.087483e-02 -0.3188628891 1.6936451
## FALSE_3187 -0.4506018761 -5.092344e-01 -0.3188628891 -0.3101433
## FALSE_3188 -0.4339079060 -4.763224e-01 -0.3188628891 -0.3101433
## FALSE_3189 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_3190 -0.1751514579 -2.667765e-01 -0.3188628891 -0.3101433
## FALSE_3191 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_3192 -0.4506018761 -5.672427e-01 1.5182201138 1.6936451
## FALSE_3193 -0.4506018761 5.444825e-01 -0.3188628891 0.6917509
## FALSE_3194 -0.4506018761 -6.204022e-01 -0.3188628891 1.6936451
## FALSE_3195 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_3196 -0.1241421172 -3.292020e-01 -0.2067690528 -0.3101433
## FALSE_3197 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3198 -0.4506018761 -5.098335e-01 -0.3188628891 1.6936451
## FALSE_3199 -0.4506018761 -7.797543e-01 -0.3188628891 -0.3101433
## FALSE_3200 -0.3404217088 -5.191681e-01 0.9366845950 -0.3101433
## FALSE_3201 -0.4506018761 -4.921262e-01 -0.3188628891 -0.3101433
## FALSE_3202 0.6267153173 6.598615e-01 -0.3188628891 -0.3101433
## FALSE_3203 -0.4506018761 -5.543656e-01 -0.3188628891 -0.3101433
## FALSE_3204 0.1002989602 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_3205 0.0146400943 -1.605401e-01 -0.3188628891 4.6993277
## FALSE_3206 -0.4506018761 -6.449589e-01 -0.3188628891 0.6917509
## FALSE_3207 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3208 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_3209 0.4675661917 6.446379e-01 -0.3188628891 3.6974335
## FALSE_3210 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_3211 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3212 -0.2049039374 -4.228724e-01 0.0067298137 -0.3101433
## FALSE_3213 -0.4506018761 -7.174759e-01 -0.3188628891 1.6936451
## FALSE_3214 1.0184670280 1.586099e+00 -0.3188628891 -0.3101433
## FALSE_3215 -0.3948785650 -7.165512e-01 -0.3188628891 3.6974335
## FALSE_3216 -0.4506018761 8.329301e-01 -0.3188628891 2.6955393
## FALSE_3217 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3218 -0.3752650188 -6.409469e-01 2.3597203661 -0.3101433
## FALSE_3219 -0.1000286146 2.625905e-01 -0.3188628891 2.6955393
## FALSE_3220 -0.0649712907 -3.406912e-01 1.0009676353 0.6917509
## FALSE_3221 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3222 1.0139046876 1.324388e+00 -0.3188628891 3.6974335
## FALSE_3223 -0.4506018761 -7.308393e-01 4.9382402123 -0.3101433
## FALSE_3224 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3225 -0.1241421172 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3226 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3227 -0.4506018761 -5.990063e-01 -0.3188628891 -0.3101433
## FALSE_3228 -0.2145015114 -5.368207e-01 -0.3188628891 -0.3101433
## FALSE_3229 -0.0833346446 -1.638791e-02 -0.3188628891 2.6955393
## FALSE_3230 -0.4506018761 -5.371961e-01 -0.3188628891 0.6917509
## FALSE_3231 -0.2276181959 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_3232 -0.4506018761 -4.482269e-01 -0.3188628891 1.6936451
## FALSE_3233 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_3234 -0.3084339162 -3.534271e-01 0.5128961911 -0.3101433
## FALSE_3235 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3236 -0.4506018761 -5.371961e-01 1.1222011006 -0.3101433

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## FALSE_3237 -0.0452962640 -6.486834e-03 -0.3188628891 -0.3101433
## FALSE_3238 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_3239 -0.0499467264 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3240 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_3241 0.6511997965 3.041094e-01 -0.3188628891 0.6917509
## FALSE_3242 -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## TRUE_3243 -0.4506018761 -6.829542e-01 1.3254789500 -0.3101433
## FALSE_3244 -0.2932016403 5.341807e-01 -0.3188628891 -0.3101433
## FALSE_3245 1.4382009974 1.111076e+00 -0.3188628891 3.6974335
## FALSE_3246 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_3247 0.0390877513 -7.054572e-01 -0.3188628891 -0.3101433
## FALSE_3248 -0.1751514579 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_3249 -0.2057570624 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3250 -0.4506018761 -1.766366e-01 -0.3188628891 1.6936451
## FALSE_3251 -0.2932016403 6.802879e-02 -0.3188628891 3.6974335
## FALSE_3252 -0.3504380776 -2.979157e-01 -0.3188628891 3.6974335
## FALSE_3253 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3254 0.1002989602 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_3255 -0.4506018761 8.329301e-01 -0.3188628891 3.6974335
## FALSE_3256 -0.4506018761 -2.875780e-01 -0.3188628891 3.6974335
## TRUE_3257 -0.4506018761 -1.766366e-01 2.8172979816 -0.3101433
## FALSE_3258 -0.3547930369 -5.547386e-01 -0.1944040872 4.6993277
## FALSE_3259 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3260 -0.4506018761 -6.824830e-01 -0.3188628891 0.6917509
## FALSE_3261 -0.3838260178 2.167011e-01 -0.3188628891 3.6974335
## TRUE_3262 -0.4506018761 -2.796536e-01 2.8333841576 0.6917509
## FALSE_3263 0.4011931962 5.015237e-01 -0.3188628891 0.6917509
## FALSE_3264 -0.4506018761 -8.331530e-02 -0.3188628891 -0.3101433
## FALSE_3265 0.4308394619 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3266 -0.4506018761 -3.368853e-01 -0.3188628891 -0.3101433
## TRUE_3267 -0.4506018761 -5.649315e-01 6.3318057116 -0.3101433
## FALSE_3268 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_3269 1.0184670280 1.986721e+00 -0.3188628891 1.6936451
## TRUE_3270 -0.4506018761 -4.170096e-01 0.6813397866 -0.3101433
## FALSE_3271 -0.2847392525 -6.347715e-01 -0.1056421090 -0.3101433
## FALSE_3272 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3273 -0.4506018761 -6.448957e-01 -0.3188628891 -0.3101433
## FALSE_3274 -0.4506018761 -7.174759e-01 -0.3188628891 4.6993277
## FALSE_3275 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3276 -0.2932016403 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_3277 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3278 -0.2906629129 -2.474340e-01 -0.3188628891 -0.3101433
## FALSE_3279 -0.2669682713 -2.893114e-01 -0.3188628891 -0.3101433
## FALSE_3280 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3281 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3282 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_3283 -0.3036949791 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_3284 -0.4261173969 -6.316284e-01 0.0574571120 -0.3101433
## FALSE_3285 -0.1751514579 -1.889180e-02 -0.3188628891 -0.3101433
## FALSE_3286 -0.4506018761 -8.076158e-01 -0.3188628891 2.6955393
## FALSE_3287 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## TRUE_3288 -0.4506018761 -6.965131e-01 3.0804004835 -0.3101433
## FALSE_3289 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_3290 -0.4506018761 -4.470562e-01 8.5618036931 -0.3101433

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## TRUE_3291    -0.4506018761 -5.165927e-01  0.5428771335  2.6955393
## FALSE_3292    0.2839325649 -1.638791e-02 -0.3188628891 -0.3101433
## FALSE_3293    0.3426953281  3.871474e-01 -0.3188628891 -0.3101433
## FALSE_3294    0.1002989602  1.265601e+00 -0.3188628891 -0.3101433
## TRUE_3295    -0.3783525756 -7.254977e-01  0.1841184310 -0.3101433
## FALSE_3296    -0.4506018761 -6.962308e-01 -0.3188628891 -0.3101433
## FALSE_3297    0.0006121317  3.834013e-01 -0.3188628891  3.6974335
## FALSE_3298    -0.3299666466 -7.719479e-01 -0.0253987791 -0.3101433
## FALSE_3299    -0.4506018761  1.839229e-01 -0.3188628891  1.6936451
## FALSE_3300    -0.2638558359 -4.797510e-01 -0.3188628891  0.6917509
## FALSE_3301    1.0184670280  1.986721e+00 -0.3188628891 -0.3101433
## FALSE_3302    -0.4506018761  8.329301e-01 -0.3188628891 -0.3101433
## FALSE_3303    -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3304    -0.4506018761 -6.273360e-01 -0.3188628891  4.6993277
## TRUE_3305    -0.4506018761 -6.093080e-01  5.0848911419 -0.3101433
## FALSE_3306    -0.2810939197 -3.430487e-01 -0.3188628891 -0.3101433
## FALSE_3307    -0.2669682713 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3308    -0.3417819491 -4.792073e-02 -0.3188628891  4.6993277
## FALSE_3309    -0.2669682713 -6.366626e-01 -0.1819120808 -0.3101433
## TRUE_3310    -0.4506018761 -8.174024e-01  0.4724217250 -0.3101433
## FALSE_3311    3.9566048140  3.428959e+00 -0.3188628891  0.6917509
## FALSE_3312    -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3313    -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_3314    -0.3893906671 -7.003064e-01 -0.3188628891  2.6955393
## FALSE_3315    1.0184670280  7.247622e-01 -0.3188628891 -0.3101433
## FALSE_3316    -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_3317    3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3318    -0.4506018761 -3.241279e-02 -0.3188628891  2.6955393
## FALSE_3319    -0.2903398206 -4.012761e-01 -0.3188628891 -0.3101433
## FALSE_3320    -0.3800865690 -5.008197e-01  0.5480218497 -0.3101433
## FALSE_3321    -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_3322    -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## TRUE_3323    -0.4506018761 -7.174759e-01 -0.1737745185 -0.3101433
## FALSE_3324    -0.4506018761 -1.251281e-01 -0.3188628891 -0.3101433
## FALSE_3325    0.3271404888  5.020637e-01 -0.3188628891  4.6993277
## FALSE_3326    -0.4506018761 -1.766366e-01 -0.3188628891  3.6974335
## TRUE_3327    -0.4506018761 -5.612334e-01  0.2812529967  0.6917509
## FALSE_3328    -0.1086634343  2.025726e-01  0.1275395885 -0.3101433
## FALSE_3329    -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## TRUE_3330    -0.4506018761 -2.968231e-01  2.7012987794 -0.3101433
## TRUE_3331    -0.4506018761 -5.649315e-01  2.7690889497  2.6955393
## FALSE_3332    0.5074865377  7.012474e-01 -0.3188628891  2.6955393
## FALSE_3333    -0.4506018761  6.474994e-01 -0.3188628891 -0.3101433
## FALSE_3334    -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_3335    -0.4506018761 -3.569164e-01 -0.3188628891  2.6955393
## FALSE_3336    1.3122808000  6.165944e-01 -0.3188628891 -0.3101433
## FALSE_3337    -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_3338    -0.0833346446 -8.048738e-02 -0.3188628891 -0.3101433
## FALSE_3339    -0.2699786579 -3.832360e-02 -0.3188628891  1.6936451
## FALSE_3340    -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_3341    -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3342    -0.2057570624 -4.136711e-01  0.2226311585 -0.3101433
## TRUE_3343    -0.4506018761 -8.576935e-01  0.8677011146 -0.3101433
## FALSE_3344    0.4308394619  8.329301e-01 -0.3188628891  1.6936451

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## FALSE_3345 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_3346 -0.4506018761 -8.076158e-01 -0.3188628891 3.6974335
## TRUE_3347 -0.3428701545 -5.381027e-01 -0.0322662752 -0.3101433
## TRUE_3348 0.1002989602 -3.345180e-01 0.0097662919 -0.3101433
## FALSE_3349 -0.4506018761 -8.112214e-01 -0.3188628891 -0.3101433
## FALSE_3350 -0.1501105028 -1.602475e-01 -0.3188628891 3.6974335
## FALSE_3351 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3352 -0.1861694747 -3.112455e-01 0.5066582144 -0.3101433
## FALSE_3353 0.4135562924 2.104347e-01 -0.3188628891 -0.3101433
## TRUE_3354 -0.4506018761 -5.887046e-01 0.2780261613 -0.3101433
## FALSE_3355 -0.4506018761 -6.150442e-01 -0.2063108405 -0.3101433
## FALSE_3356 -0.4506018761 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_3357 -0.1609437254 -5.341628e-02 -0.2895791691 -0.3101433
## FALSE_3358 -0.4506018761 5.444825e-01 -0.3188628891 4.6993277
## FALSE_3359 0.1872832935 2.288347e-01 -0.3188628891 2.6955393
## FALSE_3360 -0.3547930369 -7.566671e-01 -0.3188628891 -0.3101433
## FALSE_3361 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_3362 -0.3335963780 -4.435995e-01 -0.3080495623 4.6993277
## FALSE_3363 -0.4083409948 -7.286713e-01 -0.0943211736 3.6974335
## FALSE_3364 -0.2842921855 -6.105714e-01 -0.3188628891 0.6917509
## FALSE_3365 1.7530014690 2.707840e+00 -0.3188628891 3.6974335
## FALSE_3366 1.2021006327 8.329301e-01 -0.3188628891 2.6955393
## FALSE_3367 -0.4506018761 -6.155786e-01 -0.3188628891 3.6974335
## FALSE_3368 -0.1567881041 9.771539e-01 -0.3188628891 3.6974335
## FALSE_3369 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## TRUE_3370 -0.4506018761 -6.425904e-01 1.1983522331 4.6993277
## FALSE_3371 -0.4506018761 -7.318649e-01 -0.2218439029 -0.3101433
## FALSE_3372 -0.4506018761 -6.148881e-01 0.0141796521 -0.3101433
## FALSE_3373 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3374 -0.2728919317 -4.748874e-01 -0.3188628891 1.6936451
## TRUE_3375 0.3482043365 1.275855e-01 0.4850437559 -0.3101433
## FALSE_3376 -0.4506018761 -7.535318e-01 -0.3188628891 1.6936451
## FALSE_3377 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3378 -0.2669682713 -1.766366e-01 -0.3188628891 3.6974335
## FALSE_3379 -0.3926123132 -4.099364e-01 -0.2604287126 -0.3101433
## TRUE_3380 -0.4506018761 -7.586827e-01 0.2861979387 -0.3101433
## FALSE_3381 3.2220703730 2.948213e+00 -0.3188628891 -0.3101433
## FALSE_3382 -0.0499467264 8.558850e-02 -0.3188628891 -0.3101433
## FALSE_3383 -0.3375965792 2.782231e-01 -0.3188628891 3.6974335
## FALSE_3384 -0.4026974565 -2.393426e-01 -0.3188628891 -0.3101433
## TRUE_3385 -0.4506018761 -5.371961e-01 5.7928115748 -0.3101433
## FALSE_3386 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3387 0.1002989602 5.895628e-02 -0.3188628891 -0.3101433
## FALSE_3388 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3389 -0.1510481360 -2.474500e-01 -0.3188628891 0.6917509
## FALSE_3390 0.5352206707 5.770141e-01 -0.3188628891 -0.3101433
## FALSE_3391 -0.3358308759 -6.888243e-01 -0.3188628891 -0.3101433
## FALSE_3392 -0.4506018761 -6.435612e-01 0.9419930331 -0.3101433
## FALSE_3393 -0.2302415416 -2.703821e-01 -0.3188628891 -0.3101433
## FALSE_3394 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_3395 -0.4506018761 1.265601e+00 -0.3188628891 0.6917509
## FALSE_3396 0.4675661917 1.085322e+00 -0.3188628891 1.6936451
## FALSE_3397 0.4937995607 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3398 -0.4506018761 -7.118067e-01 -0.3188628891 -0.3101433

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## FALSE_3399 -0.4506018761 1.904785e-01 0.5496297525 -0.3101433
## FALSE_3400 -0.1115859853 8.696407e-04 -0.3188628891 -0.3101433
## FALSE_3401 -0.2302415416 -2.487485e-01 -0.3188628891 2.6955393
## FALSE_3402 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_3403 -0.4506018761 -7.404903e-01 -0.3051793718 -0.3101433
## FALSE_3404 0.4308394619 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_3405 0.0198303074 -5.802620e-02 -0.3188628891 4.6993277
## FALSE_3406 0.1002989602 5.895524e-01 -0.3188628891 3.6974335
## FALSE_3407 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3408 -0.4506018761 8.558850e-02 -0.3188628891 -0.3101433
## FALSE_3409 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_3410 -0.4506018761 -2.166988e-01 -0.3188628891 -0.3101433
## FALSE_3411 1.2169898517 1.276646e+00 -0.3188628891 3.6974335
## FALSE_3412 2.1937221380 2.563616e+00 -0.3188628891 2.6955393
## FALSE_3413 0.6511997965 5.795082e-01 -0.3188628891 1.6936451
## TRUE_3414 -0.4506018761 -4.742413e-01 0.3489815173 -0.3101433
## FALSE_3415 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3416 -0.0938280054 2.127677e-01 -0.3188628891 -0.3101433
## FALSE_3417 -0.1466565970 -1.393373e-01 -0.3188628891 -0.3101433
## TRUE_3418 -0.4506018761 -8.496810e-01 1.3145052915 -0.3101433
## FALSE_3419 0.3757493783 3.368980e-02 -0.3188628891 4.6993277
## FALSE_3420 0.2839325649 1.265601e+00 -0.3188628891 2.6955393
## FALSE_3421 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_3422 0.7246532339 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_3423 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3424 -0.3431090251 -3.701076e-01 -0.3188628891 -0.3101433
## FALSE_3425 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3426 -0.4506018761 -8.129181e-01 -0.3188628891 -0.3101433
## FALSE_3427 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_3428 -0.2136552836 -5.623042e-01 -0.3188628891 2.6955393
## FALSE_3429 0.2839325649 4.002586e-01 -0.3188628891 2.6955393
## FALSE_3430 -0.3375965792 -6.388924e-01 -0.3188628891 -0.3101433
## FALSE_3431 -0.4506018761 -7.868142e-01 -0.3188628891 1.6936451
## FALSE_3432 -0.0980253409 -4.822225e-01 0.0798526437 -0.3101433
## FALSE_3433 -0.4506018761 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_3434 0.4937995607 5.273129e-01 -0.3188628891 1.6936451
## FALSE_3435 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3436 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3437 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## TRUE_3438 -0.4506018761 -7.895878e-01 2.3293828157 2.6955393
## FALSE_3439 -0.2186436246 -2.145902e-01 -0.3188628891 0.6917509
## FALSE_3440 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3441 -0.0354302250 -3.492274e-01 1.0069928927 2.6955393
## FALSE_3442 -0.4506018761 -8.462471e-01 -0.3188628891 4.6993277
## FALSE_3443 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_3444 -0.4506018761 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_3445 -0.4238915372 -7.733572e-01 -0.3188628891 3.6974335
## FALSE_3446 -0.4506018761 8.329301e-01 -0.3188628891 2.6955393
## FALSE_3447 -0.0098812071 3.569915e-01 -0.3188628891 -0.3101433
## FALSE_3448 0.4714732906 2.989951e-01 -0.3188628891 -0.3101433
## FALSE_3449 -0.4506018761 -3.405273e-01 -0.3188628891 -0.3101433
## FALSE_3450 -0.1274067115 -5.305660e-01 -0.3188628891 -0.3101433
## FALSE_3451 -0.4506018761 -8.227592e-01 -0.3188628891 3.6974335
## FALSE_3452 1.2021006327 9.951818e-01 -0.3188628891 1.6936451

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## FALSE_3453 -0.4123448760 -4.732397e-01 0.2911670946 -0.3101433
## FALSE_3454 0.1370256900 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_3455 -0.1751514579 -8.649671e-02 0.7125961204 3.6974335
## FALSE_3456 -0.1501105028 -1.380052e-01 -0.3188628891 -0.3101433
## FALSE_3457 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_3458 -0.1115859853 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_3459 0.6511997965 7.247622e-01 -0.3188628891 2.6955393
## FALSE_3460 -0.4506018761 -7.948643e-01 -0.1472606642 -0.3101433
## FALSE_3461 -0.1816461381 -4.591201e-01 -0.3188628891 2.6955393
## TRUE_3462 -0.4506018761 -7.026293e-01 1.2904454689 -0.3101433
## FALSE_3463 0.6511997965 9.050420e-01 -0.3188628891 2.6955393
## TRUE_3464 -0.4506018761 -1.766366e-01 2.5760053418 -0.3101433
## FALSE_3465 -0.4506018761 -8.129181e-01 -0.3188628891 -0.3101433
## FALSE_3466 -0.4506018761 -5.629504e-01 -0.1388643249 -0.3101433
## FALSE_3467 -0.1785520807 -2.754566e-01 -0.3188628891 2.6955393
## FALSE_3468 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_3469 -0.0833346446 9.050420e-01 -0.3188628891 -0.3101433
## FALSE_3470 0.7246532339 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_3471 -0.1115859853 1.007169e-01 -0.3188628891 0.6917509
## FALSE_3472 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3473 -0.4506018761 -2.863721e-01 0.8768435538 -0.3101433
## TRUE_3474 -0.4278059741 -7.396951e-01 1.1520621410 -0.3101433
## TRUE_3475 -0.4506018761 -3.569164e-01 1.5627371163 -0.3101433
## FALSE_3476 -0.4090244644 -5.744507e-01 -0.3188628891 -0.3101433
## FALSE_3477 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3478 0.1002989602 -1.405806e-01 0.9862711264 -0.3101433
## TRUE_3479 -0.4506018761 -6.700338e-01 13.3333222774 -0.3101433
## TRUE_3480 -0.4506018761 -6.093080e-01 0.1198393024 -0.3101433
## FALSE_3481 0.0678930338 -2.402647e-01 -0.3188628891 -0.3101433
## FALSE_3482 -0.2302415416 -5.840689e-01 -0.3188628891 -0.3101433
## FALSE_3483 -0.1913544211 6.717388e-01 -0.3188628891 -0.3101433
## FALSE_3484 -0.4506018761 -8.004046e-01 -0.3188628891 -0.3101433
## FALSE_3485 -0.0833346446 9.044452e-02 0.3956810766 -0.3101433
## FALSE_3486 -0.3128766670 -8.218879e-01 0.2239249042 -0.3101433
## TRUE_3487 -0.4506018761 -7.010868e-01 1.3179786369 -0.3101433
## FALSE_3488 -0.4506018761 9.565505e-01 -0.3188628891 4.6993277
## FALSE_3489 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3490 -0.2440140625 -4.470562e-01 1.3918416041 2.6955393
## FALSE_3491 -0.2810939197 -4.191228e-01 -0.3188628891 -0.3101433
## FALSE_3492 -0.4506018761 -5.543656e-01 2.4738811044 -0.3101433
## FALSE_3493 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_3494 -0.2763055557 -3.844166e-01 0.9613978430 -0.3101433
## FALSE_3495 1.3122808000 1.082918e+00 -0.3188628891 2.6955393
## TRUE_3496 -0.4506018761 -3.569164e-01 2.5760053418 -0.3101433
## FALSE_3497 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## TRUE_3498 -0.2899224581 -4.609239e-01 0.1393384288 -0.3101433
## FALSE_3499 1.3857342375 1.445881e+00 -0.3188628891 2.6955393
## FALSE_3500 0.4865627730 6.439471e-01 -0.3188628891 2.6955393
## TRUE_3501 -0.3951792467 -7.339639e-01 0.0674527229 -0.3101433
## FALSE_3502 -0.0571012756 -2.023908e-01 -0.3188628891 -0.3101433
## FALSE_3503 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_3504 0.4308394619 6.021720e-01 -0.3188628891 1.6936451
## FALSE_3505 -0.4506018761 -8.094553e-01 -0.3188628891 -0.3101433
## FALSE_3506 1.1520187445 1.068933e+00 -0.3188628891 1.6936451

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## FALSE_3507 -0.1751514579 -2.066832e-01 -0.3188628891 -0.3101433
## FALSE_3508 2.2426910963 1.746348e+00 -0.3188628891 0.6917509
## FALSE_3509 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3510 -0.4506018761 4.335411e-01 -0.3188628891 -0.3101433
## FALSE_3511 -0.4235788679 -7.104195e-01 0.1644200679 -0.3101433
## FALSE_3512 -0.4506018761 -7.741352e-01 -0.3188628891 -0.3101433
## FALSE_3513 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_3514 -0.4506018761 -3.284511e-01 -0.3188628891 -0.3101433
## FALSE_3515 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3516 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3517 0.1789990891 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3518 0.5664458183 9.327773e-01 -0.3188628891 2.6955393
## FALSE_3519 1.3122808000 1.481937e+00 -0.3188628891 2.6955393
## FALSE_3520 -0.4506018761 -1.596691e-01 -0.3188628891 -0.3101433
## FALSE_3521 -0.3504380776 2.385532e-01 -0.3188628891 -0.3101433
## FALSE_3522 -0.4506018761 -5.887046e-01 -0.3188628891 0.6917509
## FALSE_3523 0.5287773786 -1.285620e-01 -0.3188628891 1.6936451
## FALSE_3524 -0.2959630417 -4.802657e-01 -0.3188628891 2.6955393
## FALSE_3525 0.3206592947 5.116458e-01 -0.3188628891 3.6974335
## FALSE_3526 -0.4506018761 -2.614741e-01 -0.3188628891 4.6993277
## FALSE_3527 -0.1501105028 -3.453074e-01 -0.3188628891 2.6955393
## FALSE_3528 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3529 0.0390877513 -7.648117e-02 -0.3188628891 0.6917509
## TRUE_3530 -0.4506018761 -6.204022e-01 2.7031315032 -0.3101433
## TRUE_3531 -0.4506018761 -8.231571e-01 2.5883417749 -0.3101433
## FALSE_3532 -0.1959632575 1.015093e-01 -0.3188628891 3.6974335
## FALSE_3533 -0.1445458535 -4.742413e-01 -0.3188628891 -0.3101433
## FALSE_3534 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3535 -0.3036949791 -7.679542e-01 -0.3188628891 3.6974335
## FALSE_3536 -0.4506018761 -7.775691e-01 -0.3188628891 2.6955393
## TRUE_3537 -0.4506018761 -3.985194e-01 0.1980973112 1.6936451
## FALSE_3538 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3539 -0.0833346446 2.102137e-01 -0.3188628891 2.6955393
## FALSE_3540 -0.4506018761 -3.065680e-01 -0.0963975966 -0.3101433
## FALSE_3541 -0.4506018761 -7.535318e-01 -0.3188628891 2.6955393
## FALSE_3542 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## TRUE_3543 -0.4506018761 -6.814199e-01 0.7537150673 -0.3101433
## FALSE_3544 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3545 -0.4506018761 -5.672427e-01 -0.3188628891 -0.3101433
## FALSE_3546 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3547 0.2839325649 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3548 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_3549 -0.4082248870 -4.624758e-01 0.0990306848 -0.3101433
## FALSE_3550 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## TRUE_3551 -0.4506018761 -8.613967e-01 1.9556764353 -0.3101433
## FALSE_3552 0.0390877513 -9.651226e-02 -0.3188628891 4.6993277
## FALSE_3553 0.3599188902 1.333025e-01 -0.3188628891 -0.3101433
## FALSE_3554 2.4875359100 2.323867e+00 -0.3188628891 -0.3101433
## FALSE_3555 1.7530014690 2.347280e+00 -0.3188628891 2.6955393
## FALSE_3556 0.1789990891 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_3557 1.0184670280 1.986721e+00 -0.3188628891 4.6993277
## FALSE_3558 1.4382009974 1.095623e+00 -0.3188628891 -0.3101433
## FALSE_3559 -0.4506018761 -4.170096e-01 -0.3188628891 0.6917509
## FALSE_3560 -0.4506018761 -4.736098e-01 -0.3188628891 -0.3101433

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```

## FALSE_3561 -0.0098812071 4.002586e-01 -0.3188628891 3.6974335
## TRUE_3562 -0.2057570624 -3.048355e-01 1.6391365222 -0.3101433
## FALSE_3563 1.1816968964 9.050420e-01 -0.3188628891 2.6955393
## FALSE_3564 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3565 0.0737427193 -2.217030e-01 -0.3188628891 3.6974335
## FALSE_3566 -0.0499467264 4.789262e-01 -0.3188628891 -0.3101433
## FALSE_3567 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3568 -0.3481086926 -4.030344e-01 -0.0911163059 -0.3101433
## FALSE_3569 -0.4506018761 -5.371961e-01 -0.3188628891 0.6917509
## FALSE_3570 0.0215988313 5.702367e-01 -0.3188628891 -0.3101433
## FALSE_3571 1.2633118416 1.025228e+00 -0.3188628891 -0.3101433
## FALSE_3572 -0.0098812071 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_3573 -0.4506018761 -3.241279e-02 -0.3188628891 2.6955393
## FALSE_3574 -0.2502743013 -3.339717e-01 -0.3188628891 4.6993277
## FALSE_3575 -0.4506018761 -8.565488e-01 -0.3188628891 -0.3101433
## FALSE_3576 0.4063549828 6.646689e-01 -0.3188628891 -0.3101433
## FALSE_3577 -0.4506018761 -8.100520e-01 4.0022774407 -0.3101433
## FALSE_3578 -0.1115859853 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_3579 -0.3602902560 -3.668196e-01 -0.1994348992 3.6974335
## FALSE_3580 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3581 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3582 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_3583 0.2839325649 -4.170096e-01 2.0935273033 -0.3101433
## FALSE_3584 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_3585 0.4197316043 7.034040e-02 -0.1933145903 -0.3101433
## FALSE_3586 2.3039023052 2.888119e+00 -0.3188628891 3.6974335
## FALSE_3587 -0.2766331875 -2.904975e-01 -0.3188628891 3.6974335
## FALSE_3588 -0.3732824589 -4.992425e-01 -0.3188628891 -0.3101433
## FALSE_3589 -0.4506018761 -8.485884e-01 -0.3188628891 -0.3101433
## FALSE_3590 0.4567642163 5.656918e-01 -0.3188628891 1.6936451
## FALSE_3591 -0.3209781486 -2.585025e-01 -0.3188628891 4.6993277
## FALSE_3592 -0.1913544211 2.475511e-01 -0.3188628891 3.6974335
## FALSE_3593 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_3594 1.7530014690 1.806441e+00 -0.3188628891 3.6974335
## FALSE_3595 -0.4506018761 -6.148551e-01 0.5069168308 -0.3101433
## FALSE_3596 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_3597 -0.3689869308 -5.772583e-01 -0.3188628891 -0.3101433
## FALSE_3598 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## FALSE_3599 0.5987330585 5.788214e-01 -0.3188628891 -0.3101433
## FALSE_3600 0.2839325649 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3601 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_3602 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3603 -0.4506018761 -4.612888e-01 -0.3188628891 -0.3101433
## FALSE_3604 0.1789990891 1.162584e+00 -0.3188628891 -0.3101433
## FALSE_3605 0.5287773786 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3606 -0.3876417774 -7.403236e-01 -0.3188628891 -0.3101433
## FALSE_3607 -0.2669682713 -2.217065e-01 -0.3188628891 -0.3101433
## FALSE_3608 0.0609489068 -1.122510e-01 -0.3188628891 2.6955393
## FALSE_3609 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3610 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_3611 -0.4506018761 -4.142678e-02 2.0399067167 -0.3101433
## FALSE_3612 -0.4506018761 -8.522113e-01 -0.3188628891 -0.3101433
## FALSE_3613 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_3614 -0.4506018761 -8.408252e-01 -0.3188628891 -0.3101433

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## FALSE_3615 -0.1861694747 3.617990e-01 -0.3188628891 -0.3101433
## FALSE_3616 0.1789990891 9.565505e-01 -0.3188628891 4.6993277
## FALSE_3617 1.7530014690 1.724495e+00 -0.3188628891 3.6974335
## FALSE_3618 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_3619 2.1937221380 1.986721e+00 -0.3188628891 4.6993277
## FALSE_3620 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## FALSE_3621 -0.4506018761 -5.999021e-01 -0.3188628891 -0.3101433
## FALSE_3622 -0.0268320071 8.495713e-01 -0.3188628891 3.6974335
## TRUE_3623 -0.4506018761 -6.917216e-01 0.2451235479 -0.3101433
## FALSE_3624 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3625 -0.4506018761 -8.268259e-01 -0.3188628891 0.6917509
## FALSE_3626 0.1789990891 3.384484e-01 -0.3188628891 2.6955393
## FALSE_3627 -0.3190434730 -6.384962e-01 0.3831135093 -0.3101433
## FALSE_3628 -0.0617306936 2.220998e-01 -0.3188628891 -0.3101433
## FALSE_3629 -0.4506018761 -6.866964e-01 -0.3188628891 -0.3101433
## FALSE_3630 1.5956012332 1.626161e+00 -0.3188628891 1.6936451
## FALSE_3631 -0.4506018761 -5.355191e-01 0.3638044920 -0.3101433
## FALSE_3632 -0.2743136085 -3.634408e-01 -0.3188628891 2.6955393
## FALSE_3633 -0.1466565970 -5.943883e-01 -0.0465713869 -0.3101433
## FALSE_3634 2.4875359100 2.707840e+00 -0.3188628891 2.6955393
## TRUE_3635 -0.2932016403 -2.575785e-01 0.2702703263 -0.3101433
## FALSE_3636 -0.4383596255 -6.899886e-01 -0.2428052829 1.6936451
## FALSE_3637 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3638 0.1180699634 -2.254866e-01 -0.3188628891 -0.3101433
## FALSE_3639 1.5897716005 1.574653e+00 -0.3188628891 1.6936451
## FALSE_3640 1.0184670280 1.986721e+00 -0.3188628891 2.6955393
## FALSE_3641 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_3642 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_3643 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_3644 -0.1115859853 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3645 0.7298999254 6.217452e-01 -0.3188628891 -0.3101433
## FALSE_3646 -0.1751514579 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_3647 -0.3012050395 -3.538608e-01 -0.3188628891 2.6955393
## FALSE_3648 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_3649 -0.4506018761 -5.371961e-01 0.4845522337 1.6936451
## FALSE_3650 -0.4506018761 -7.317272e-01 -0.0108631311 -0.3101433
## FALSE_3651 -0.2407348803 -3.139926e-01 -0.3188628891 -0.3101433
## FALSE_3652 0.0390877513 6.373641e-02 -0.3188628891 2.6955393
## FALSE_3653 0.5287773786 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3654 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_3655 -0.4506018761 -6.527302e-01 -0.3188628891 -0.3101433
## FALSE_3656 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## FALSE_3657 0.0906340441 5.351173e-01 -0.3188628891 4.6993277
## FALSE_3658 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_3659 -0.4506018761 -3.241279e-02 -0.3188628891 0.6917509
## FALSE_3660 -0.0299139667 5.299768e-02 0.1405123366 -0.3101433
## TRUE_3661 -0.4506018761 -3.569164e-01 2.4153848745 -0.3101433
## FALSE_3662 0.3189104049 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_3663 -0.0082243618 -1.677807e-01 -0.3188628891 0.6917509
## FALSE_3664 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_3665 -0.1751514579 -1.405806e-01 -0.3188628891 -0.3101433
## FALSE_3666 -0.0098812071 7.943425e-02 0.2794003802 -0.3101433
## FALSE_3667 -0.1115859853 -2.653897e-01 -0.3188628891 -0.3101433
## FALSE_3668 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433

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## FALSE_3669 -0.4506018761 3.041094e-01 -0.3188628891 4.6993277
## FALSE_3670 -0.2168863611 1.030702e-01 -0.3188628891 3.6974335
## FALSE_3671 -0.0714873237 -3.976415e-01 -0.3188628891 -0.3101433
## FALSE_3672 -0.0499467264 6.755950e-01 -0.3188628891 3.6974335
## FALSE_3673 -0.1567881041 -3.929723e-01 -0.3188628891 4.6993277
## FALSE_3674 0.1002989602 1.839229e-01 -0.3188628891 2.6955393
## FALSE_3675 -0.4506018761 -5.720890e-01 -0.3188628891 -0.3101433
## FALSE_3676 0.8086000322 1.420127e+00 -0.3188628891 3.6974335
## FALSE_3677 -0.4312720218 -4.897541e-01 -0.3188628891 -0.3101433
## FALSE_3678 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_3679 -0.2186436246 -1.690459e-01 -0.3188628891 -0.3101433
## FALSE_3680 -0.0833346446 -1.889180e-02 -0.3188628891 -0.3101433
## FALSE_3681 -0.2057570624 7.848555e-01 -0.3188628891 -0.3101433
## FALSE_3682 0.2839325649 3.487501e-01 -0.3188628891 -0.3101433
## FALSE_3683 0.0053160536 -4.750307e-01 -0.3188628891 -0.3101433
## FALSE_3684 0.4937995607 4.414654e-01 -0.3188628891 -0.3101433
## FALSE_3685 -0.1358014045 -2.211110e-02 -0.3188628891 2.6955393
## FALSE_3686 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## TRUE_3687 -0.4506018761 -6.505148e-01 4.6591957727 -0.3101433
## FALSE_3688 0.1789990891 6.474994e-01 -0.3188628891 3.6974335
## FALSE_3689 1.5431344732 1.729178e+00 -0.3188628891 2.6955393
## FALSE_3690 -0.2427147739 -4.377588e-01 -0.3188628891 -0.3101433
## FALSE_3691 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_3692 1.0184670280 1.986721e+00 -0.3188628891 2.6955393
## FALSE_3693 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3694 -0.0617306936 -1.130084e-01 -0.3188628891 -0.3101433
## FALSE_3695 -0.2407348803 -5.493690e-02 0.1148606310 -0.3101433
## FALSE_3696 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_3697 -0.4506018761 -4.921262e-01 -0.3188628891 3.6974335
## FALSE_3698 -0.2359651809 -4.852869e-01 0.5617819217 -0.3101433
## FALSE_3699 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_3700 -0.4506018761 -7.272447e-01 -0.3188628891 -0.3101433
## FALSE_3701 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3702 -0.3170501595 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3703 -0.1751514579 -6.318430e-01 -0.3188628891 -0.3101433
## FALSE_3704 -0.4506018761 -4.423120e-01 -0.3188628891 4.6993277
## FALSE_3705 -0.4490395213 -7.702583e-01 -0.3188628891 -0.3101433
## FALSE_3706 0.5074865377 5.758354e-01 -0.3188628891 -0.3101433
## FALSE_3707 0.7036665344 1.471636e+00 -0.3188628891 -0.3101433
## FALSE_3708 0.6511997965 1.265601e+00 -0.3188628891 1.6936451
## FALSE_3709 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_3710 -0.3084339162 -6.651366e-01 1.6977727801 -0.3101433
## FALSE_3711 -0.3820960790 -6.572209e-01 0.2603406387 -0.3101433
## FALSE_3712 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3713 0.1462073559 1.265715e-02 0.3596218525 -0.3101433
## FALSE_3714 -0.1481465193 -4.099398e-01 0.7059737152 -0.3101433
## FALSE_3715 -0.4506018761 -3.149893e-01 -0.3188628891 3.6974335
## FALSE_3716 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3717 -0.1115859853 -2.875780e-01 -0.3188628891 -0.3101433
## TRUE_3718 -0.2932016403 -2.796536e-01 0.5769532715 -0.3101433
## FALSE_3719 -0.4506018761 -6.155786e-01 -0.3188628891 -0.3101433
## FALSE_3720 -0.2669682713 -3.268697e-01 -0.3188628891 1.6936451
## FALSE_3721 3.0751634760 2.996287e+00 -0.3188628891 1.6936451
## FALSE_3722 -0.4506018761 -3.569164e-01 -0.3188628891 3.6974335

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## FALSE_3723 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_3724 -0.4506018761 -5.887046e-01 2.8977288616 -0.3101433
## TRUE_3725 -0.0673665194 -4.509754e-01 0.0613863353 -0.3101433
## FALSE_3726 -0.4506018761 -4.170096e-01 -0.3188628891 0.6917509
## FALSE_3727 -0.2102087819 -5.195464e-01 -0.3188628891 -0.3101433
## FALSE_3728 -0.4506018761 -8.054524e-01 -0.3188628891 -0.3101433
## FALSE_3729 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3730 0.4150994318 1.111076e+00 -0.3188628891 -0.3101433
## FALSE_3731 2.6974029057 2.501806e+00 -0.3188628891 2.6955393
## FALSE_3732 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3733 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_3734 -0.3599473092 -6.072425e-01 0.4725295625 -0.3101433
## FALSE_3735 0.4308394619 6.887062e-01 -0.3188628891 -0.3101433
## FALSE_3736 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3737 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3738 0.1789990891 3.899569e-01 -0.3188628891 3.6974335
## FALSE_3739 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_3740 1.0184670280 7.047311e-01 -0.3188628891 1.6936451
## FALSE_3741 -0.0776843852 -5.963649e-01 -0.3188628891 0.6917509
## FALSE_3742 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## TRUE_3743 -0.4506018761 -5.044180e-01 3.5840723704 1.6936451
## FALSE_3744 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_3745 -0.4506018761 -5.887046e-01 0.4615464486 -0.3101433
## FALSE_3746 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_3747 0.0331159421 -2.438489e-01 0.2812927199 -0.3101433
## FALSE_3748 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_3749 -0.0673665194 -6.690109e-02 -0.3188628891 -0.3101433
## FALSE_3750 -0.2302415416 -6.846875e-02 -0.3188628891 2.6955393
## FALSE_3751 -0.3674470308 -6.528473e-01 -0.3188628891 -0.3101433
## FALSE_3752 -0.2999281395 -4.212568e-01 -0.3188628891 1.6936451
## FALSE_3753 0.5488748802 3.806941e-01 -0.1904459832 -0.3101433
## FALSE_3754 -0.1095680355 -1.991716e-01 -0.3188628891 -0.3101433
## FALSE_3755 -0.3587850627 -3.118464e-01 -0.3188628891 3.6974335
## FALSE_3756 -0.2743136085 -5.516185e-01 -0.3188628891 -0.3101433
## FALSE_3757 -0.4506018761 -8.415645e-01 0.3976864195 -0.3101433
## FALSE_3758 -0.3003561894 -5.592043e-01 1.1671458764 -0.3101433
## FALSE_3759 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_3760 -0.4506018761 -7.710135e-01 -0.3188628891 -0.3101433
## FALSE_3761 -0.2589841977 -5.215196e-01 3.1305727619 -0.3101433
## FALSE_3762 2.6974029057 2.450297e+00 -0.3188628891 3.6974335
## TRUE_3763 -0.4506018761 -6.248998e-01 5.1694099374 -0.3101433
## FALSE_3764 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3765 0.3757493783 6.346223e-01 -0.3188628891 2.6955393
## FALSE_3766 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3767 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3768 -0.4506018761 -8.710475e-01 -0.3188628891 -0.3101433
## FALSE_3769 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_3770 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_3771 -0.4506018761 -5.044180e-01 5.0483628465 -0.3101433
## FALSE_3772 -0.1785520807 -3.502393e-01 -0.3188628891 2.6955393
## FALSE_3773 -0.4506018761 -4.921262e-01 -0.3188628891 -0.3101433
## FALSE_3774 -0.2186436246 8.524347e-02 -0.3188628891 3.6974335
## FALSE_3775 -0.4506018761 -2.567609e-01 -0.3188628891 -0.3101433
## FALSE_3776 -0.3561617390 -4.154153e-01 -0.3188628891 3.6974335

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## FALSE_3777 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3778 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_3779 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_3780 -0.4506018761 -8.659416e-01 -0.3188628891 -0.3101433
## FALSE_3781 -0.4506018761 -7.581842e-01 -0.3188628891 -0.3101433
## FALSE_3782 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_3783 -0.1445458535 -3.641900e-02 -0.3188628891 3.6974335
## FALSE_3784 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3785 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3786 -0.4506018761 -4.921262e-01 -0.3188628891 0.6917509
## FALSE_3787 0.1002989602 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3788 -0.2057570624 8.650933e-03 -0.3188628891 4.6993277
## FALSE_3789 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_3790 0.1789990891 9.565505e-01 -0.3188628891 2.6955393
## FALSE_3791 -0.4506018761 1.265601e+00 -0.3188628891 1.6936451
## FALSE_3792 -0.4506018761 -4.013202e-01 0.3997857288 -0.3101433
## FALSE_3793 0.4063549828 8.004745e-02 0.6818759925 -0.3101433
## FALSE_3794 -0.0499467264 -4.060836e-01 -0.3188628891 2.6955393
## FALSE_3795 -0.4506018761 -2.795331e-01 0.1585511083 -0.3101433
## FALSE_3796 -0.4119421675 -7.725086e-01 -0.3188628891 4.6993277
## FALSE_3797 2.8548031415 3.068399e+00 -0.3188628891 2.6955393
## FALSE_3798 -0.2986292255 -2.450186e-01 -0.3188628891 -0.3101433
## FALSE_3799 -0.1073448642 -4.832749e-01 0.1712164453 -0.3101433
## FALSE_3800 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3801 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3802 -0.4506018761 6.646689e-01 -0.3188628891 -0.3101433
## FALSE_3803 -0.4506018761 -3.769474e-01 -0.3188628891 3.6974335
## FALSE_3804 0.5863879437 7.565763e-01 -0.3188628891 3.6974335
## FALSE_3805 -0.3658478979 -1.419674e-01 -0.3188628891 -0.3101433
## FALSE_3806 -0.2302415416 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3807 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3808 -0.3554823020 -4.910857e-01 -0.3188628891 3.6974335
## FALSE_3809 -0.2707158955 -3.370488e-01 -0.0250471521 2.6955393
## TRUE_3810 -0.4506018761 -7.890155e-01 1.3604726033 -0.3101433
## FALSE_3811 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_3812 -0.1358014045 2.939742e-02 -0.3188628891 0.6917509
## FALSE_3813 -0.3281794582 -2.187019e-01 -0.3188628891 -0.3101433
## FALSE_3814 -0.4506018761 -7.085407e-01 -0.3188628891 0.6917509
## TRUE_3815 -0.4506018761 -6.093080e-01 0.7420382907 -0.3101433
## FALSE_3816 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_3817 0.2708158805 4.697951e-01 -0.3188628891 3.6974335
## FALSE_3818 -0.1241421172 -5.359821e-01 0.0622801844 -0.3101433
## FALSE_3819 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_3820 -0.1213278072 -5.313459e-02 -0.3188628891 4.6993277
## FALSE_3821 -0.1861694747 -3.473014e-01 -0.3188628891 2.6955393
## TRUE_3822 -0.4506018761 -5.690102e-01 0.2107823407 -0.3101433
## FALSE_3823 -0.2302415416 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_3824 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_3825 -0.4506018761 -5.371961e-01 -0.3188628891 3.6974335
## FALSE_3826 -0.1816174251 -2.455820e-01 0.0107768418 -0.3101433
## FALSE_3827 -0.0374262489 9.652481e-03 -0.3188628891 1.6936451
## FALSE_3828 -0.4506018761 -6.155786e-01 -0.0813050397 0.6917509
## FALSE_3829 0.6511997965 7.575507e-02 -0.3188628891 -0.3101433
## FALSE_3830 -0.2203746652 -2.315406e-01 0.3481936947 -0.3101433

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## FALSE_3831 0.4024058612 6.142682e-01 -0.3188628891 2.6955393
## FALSE_3832 -0.1751514579 1.163180e-01 -0.3188628891 -0.3101433
## FALSE_3833 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3834 -0.1167225847 -1.673915e-01 -0.0137856599 -0.3101433
## FALSE_3835 -0.2669682713 -3.622992e-01 -0.1942935712 0.6917509
## FALSE_3836 -0.4506018761 -8.649671e-02 -0.3188628891 1.6936451
## FALSE_3837 -0.3481086926 -7.468237e-01 -0.3188628891 3.6974335
## FALSE_3838 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_3839 -0.3857900234 -6.496059e-01 -0.3188628891 -0.3101433
## TRUE_3840 -0.4506018761 -7.174759e-01 2.1269061185 -0.3101433
## TRUE_3841 -0.4506018761 -5.498751e-01 -0.1083477084 -0.3101433
## FALSE_3842 -0.3428344121 -6.328244e-01 -0.2230526018 -0.3101433
## TRUE_3843 -0.2847392525 -4.813675e-01 0.1168683760 -0.3101433
## TRUE_3844 -0.4506018761 -6.573826e-01 5.9000527481 -0.3101433
## FALSE_3845 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_3846 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_3847 0.2839325649 -1.638791e-02 -0.3188628891 -0.3101433
## FALSE_3848 0.1789990891 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_3849 0.5462662986 8.020250e-01 -0.3188628891 3.6974335
## FALSE_3850 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3851 -0.4506018761 -7.299090e-01 -0.3188628891 -0.3101433
## FALSE_3852 0.7513635949 6.755950e-01 -0.3188628891 3.6974335
## FALSE_3853 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_3854 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3855 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3856 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_3857 -0.2300229221 -2.687654e-01 -0.1584157355 4.6993277
## FALSE_3858 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3859 -0.4506018761 2.939742e-02 -0.3188628891 1.6936451
## FALSE_3860 -0.4506018761 -3.263028e-01 -0.3188628891 1.6936451
## FALSE_3861 -0.3893906671 -7.589688e-01 -0.3188628891 -0.3101433
## TRUE_3862 -0.4506018761 -5.564693e-01 -0.1688638711 1.6936451
## FALSE_3863 0.1921157736 -5.068633e-01 -0.3188628891 4.6993277
## FALSE_3864 -0.3587850627 -3.869630e-01 -0.3188628891 -0.3101433
## TRUE_3865 -0.4506018761 -7.581842e-01 1.9844699488 -0.3101433
## FALSE_3866 0.1370256900 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_3867 -0.3381731299 -4.336886e-01 -0.3188628891 -0.3101433
## FALSE_3868 -0.4506018761 -7.313435e-01 -0.0897524341 -0.3101433
## FALSE_3869 -0.3732824589 -5.381693e-01 -0.1692360532 -0.3101433
## FALSE_3870 1.7530014690 1.505975e+00 -0.3188628891 -0.3101433
## FALSE_3871 -0.4506018761 8.329301e-01 -0.3188628891 4.6993277
## FALSE_3872 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## FALSE_3873 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3874 -0.2355642573 -2.519523e-01 0.3654661656 4.6993277
## FALSE_3875 -0.3759034468 -5.644927e-01 -0.3188628891 1.6936451
## FALSE_3876 1.3122808000 1.217527e+00 -0.3188628891 3.6974335
## FALSE_3877 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3878 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_3879 -0.4506018761 -5.649315e-01 1.3840444491 -0.3101433
## FALSE_3880 -0.4112518226 -7.432301e-01 -0.3188628891 3.6974335
## FALSE_3881 -0.2502743013 -1.353908e-01 -0.3188628891 -0.3101433
## FALSE_3882 -0.4367427315 -6.905507e-01 -0.3188628891 -0.3101433
## FALSE_3883 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_3884 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433

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## FALSE_3885    0.2839325649    2.707840e+00   -0.3188628891    4.6993277
## FALSE_3886    0.0767561909   -4.192204e-02   -0.3188628891    3.6974335
## FALSE_3887   -0.1115859853   -3.985194e-01   -0.3188628891   -0.3101433
## FALSE_3888   -0.4506018761    1.265601e+00   -0.3188628891   -0.3101433
## TRUE_3889    -0.4506018761   -7.432301e-01    1.9809547118   -0.3101433
## FALSE_3890    0.1789990891    3.384484e-01   -0.3188628891   -0.3101433
## FALSE_3891   -0.2810939197   -3.707840e-01   -0.3188628891   -0.3101433
## TRUE_3892    -0.4506018761   -7.596690e-01    5.4301766896   -0.3101433
## FALSE_3893    3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_3894   -0.3624577423    2.271901e-01   -0.3188628891   -0.3101433
## FALSE_3895   -0.4506018761    1.265601e+00   -0.3188628891   -0.3101433
## TRUE_3896    -0.4506018761   -4.170096e-01    1.8492199951   -0.3101433
## FALSE_3897   -0.1476064161   -3.739142e-01   -0.3188628891   -0.3101433
## FALSE_3898   -0.2407348803   -5.337622e-01   -0.3188628891   -0.3101433
## FALSE_3899    3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_3900   -0.4506018761   -7.318983e-01    1.7025903303   -0.3101433
## FALSE_3901    3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_3902   -0.3281794582   -1.438482e-02   -0.3188628891   -0.3101433
## TRUE_3903    -0.4506018761   -5.887046e-01    0.8386983350    3.6974335
## FALSE_3904   -0.4506018761    5.444825e-01   -0.3188628891   -0.3101433
## FALSE_3905   -0.4506018761   -4.170096e-01   -0.3188628891   -0.3101433
## FALSE_3906   -0.3641860504   -4.620543e-01   -0.3188628891   -0.3101433
## FALSE_3907   -0.4506018761   -1.766366e-01   -0.3188628891   -0.3101433
## FALSE_3908   -0.4506018761    3.642027e-01   -0.3188628891    1.6936451
## FALSE_3909   -0.4506018761   -4.650842e-01   -0.3188628891   -0.3101433
## FALSE_3910   -0.1358014045    7.093097e-01   -0.3188628891   -0.3101433
## TRUE_3911    -0.3558232435   -7.227375e-01    1.3331487550    2.6955393
## TRUE_3912    -0.2226429002   -4.998968e-01    0.6060225851   -0.3101433
## FALSE_3913    2.0678019405    1.780687e+00   -0.3188628891    1.6936451
## TRUE_3914    -0.4506018761   -8.737183e-01    2.3014679383   -0.3101433
## FALSE_3915   -0.4506018761   -3.569164e-01   -0.3188628891    1.6936451
## FALSE_3916    0.0390877513   -4.170096e-01   -0.3188628891    2.6955393
## FALSE_3917   -0.0499467264    8.558850e-02   -0.3188628891    0.6917509
## FALSE_3918    0.4308394619    4.723705e-01   -0.3188628891    2.6955393
## FALSE_3919    0.4937995607    9.050420e-01   -0.3188628891    2.6955393
## FALSE_3920   -0.4506018761   -3.208604e-01   -0.3188628891    0.6917509
## FALSE_3921   -0.4506018761   -6.490939e-01   -0.3188628891   -0.3101433
## FALSE_3922   -0.2302415416   -4.650842e-01   -0.3188628891   -0.3101433
## TRUE_3923    -0.0833346446   -4.170096e-01    2.2364619139   -0.3101433
## FALSE_3924   -0.1162620536    9.056176e-02   -0.3188628891   -0.3101433
## FALSE_3925   -0.4506018761   -6.273360e-01   -0.3188628891    1.6936451
## FALSE_3926   -0.4506018761   -4.233352e-01   -0.3188628891   -0.3101433
## FALSE_3927   -0.4506018761    7.247622e-01   -0.3188628891    2.6955393
## FALSE_3928    0.6022308381    1.025228e+00   -0.3188628891   -0.3101433
## FALSE_3929    3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_3930    2.9772255594    2.467467e+00   -0.3188628891   -0.3101433
## FALSE_3931   -0.4506018761    6.045757e-01   -0.3188628891    3.6974335
## FALSE_3932   -0.0600898906   -4.380911e-01   -0.3188628891    3.6974335
## FALSE_3933   -0.4506018761   -5.887046e-01   -0.3188628891   -0.3101433
## FALSE_3934    0.0133146269    7.006202e-02   -0.3188628891    3.6974335
## FALSE_3935   -0.4506018761   -6.906650e-01   -0.3188628891   -0.3101433
## FALSE_3936   -0.4506018761   -6.814199e-01   -0.3188628891    0.6917509
## FALSE_3937    3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_3938   -0.3547930369   -4.494077e-01   -0.3188628891   -0.3101433

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## FALSE_3939 -0.2669682713 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3940 -0.2777702468 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_3941 -0.4506018761 1.265601e+00 -0.3188628891 4.6993277
## FALSE_3942 -0.1115859853 -6.758729e-01 -0.3188628891 2.6955393
## FALSE_3943 -0.4506018761 -6.800845e-01 -0.3188628891 -0.3101433
## FALSE_3944 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3945 -0.4506018761 -7.049458e-01 -0.3188628891 3.6974335
## FALSE_3946 -0.4506018761 5.444825e-01 -0.3188628891 0.6917509
## TRUE_3947 -0.4506018761 -5.649315e-01 4.9432964964 -0.3101433
## FALSE_3948 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3949 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## TRUE_3950 -0.4506018761 -2.796536e-01 2.5760053418 -0.3101433
## TRUE_3951 -0.4506018761 -7.096376e-01 2.5760053418 -0.3101433
## FALSE_3952 -0.3526639594 -5.955724e-01 0.2433668350 -0.3101433
## FALSE_3953 -0.4506018761 1.265601e+00 -0.3188628891 2.6955393
## FALSE_3954 -0.4506018761 -9.785888e-02 -0.3188628891 -0.3101433
## FALSE_3955 -0.4506018761 1.265601e+00 -0.3188628891 1.6936451
## FALSE_3956 0.5844239382 1.003376e+00 0.1314330482 -0.3101433
## TRUE_3957 -0.4506018761 -7.174759e-01 5.4689432316 -0.3101433
## FALSE_3958 -0.3036949791 -4.650842e-01 -0.3188628891 2.6955393
## FALSE_3959 -0.3555444877 -4.371585e-01 -0.3188628891 4.6993277
## FALSE_3960 -0.4506018761 5.444825e-01 -0.3188628891 0.6917509
## FALSE_3961 -0.4506018761 -5.556863e-01 -0.3188628891 -0.3101433
## FALSE_3962 -0.4506018761 5.444825e-01 -0.3188628891 3.6974335
## FALSE_3963 0.2839325649 -1.766366e-01 -0.3188628891 0.6917509
## FALSE_3964 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3965 -0.4506018761 -7.485586e-01 -0.3188628891 -0.3101433
## FALSE_3966 -0.4506018761 -5.804633e-01 0.2212722937 -0.3101433
## FALSE_3967 2.4875359100 2.707840e+00 -0.3188628891 1.6936451
## FALSE_3968 -0.3783525756 -7.204313e-01 2.2940659530 -0.3101433
## FALSE_3969 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3970 0.4063549828 2.440162e-01 -0.3188628891 1.6936451
## FALSE_3971 0.1709272680 2.042622e-01 -0.3188628891 -0.3101433
## FALSE_3972 -0.3679667506 -5.245765e-01 0.9825972223 -0.3101433
## FALSE_3973 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_3974 -0.4506018761 -5.923405e-01 -0.3188628891 -0.3101433
## FALSE_3975 -0.3370140786 -4.067594e-01 -0.0706279864 -0.3101433
## TRUE_3976 -0.4506018761 -4.309603e-02 0.1576692221 4.6993277
## FALSE_3977 -0.2777702468 -5.584055e-01 -0.3188628891 -0.3101433
## FALSE_3978 -0.4506018761 1.265601e+00 -0.3188628891 4.6993277
## FALSE_3979 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_3980 -0.3587850627 -4.771029e-01 -0.3188628891 -0.3101433
## FALSE_3981 0.4308394619 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_3982 -0.3893906671 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_3983 -0.2810939197 -1.905043e-01 -0.3188628891 4.6993277
## FALSE_3984 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3985 -0.4506018761 -3.569164e-01 -0.3188628891 2.6955393
## FALSE_3986 0.9902156872 9.743803e-01 -0.3188628891 3.6974335
## FALSE_3987 -0.4506018761 -5.488271e-01 -0.3188628891 -0.3101433
## TRUE_3988 0.1002989602 -1.916599e-01 0.9007150117 1.6936451
## FALSE_3989 -0.0098812071 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_3990 -0.3346227503 -1.576598e-01 -0.3188628891 2.6955393
## FALSE_3991 -0.2057570624 -1.422976e-01 -0.3188628891 -0.3101433
## FALSE_3992 0.3757493783 -1.495946e-01 -0.3188628891 2.6955393

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## TRUE_3993 -0.4506018761 -7.432301e-01 0.8755126979 -0.3101433
## TRUE_3994 -0.4506018761 -5.452086e-01 1.0425240865 -0.3101433
## TRUE_3995 -0.4506018761 -2.796536e-01 2.5484750007 -0.3101433
## FALSE_3996 -0.4506018761 1.839229e-01 -0.3188628891 3.6974335
## FALSE_3997 -0.3385542431 -3.477496e-01 -0.3188628891 1.6936451
## FALSE_3998 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3999 1.0184670280 1.626161e+00 -0.3188628891 -0.3101433
## FALSE_4000 0.0133146269 -1.576598e-01 -0.3188628891 -0.3101433
## FALSE_4001 -0.2986292255 -5.147299e-01 -0.2727231932 -0.3101433
## FALSE_4002 -0.3084339162 -6.186128e-01 -0.3188628891 -0.3101433
## FALSE_4003 0.5287773786 4.643581e-01 -0.3188628891 -0.3101433
## FALSE_4004 -0.2743136085 1.085436e-02 -0.3188628891 -0.3101433
## FALSE_4005 -0.3830584807 -6.046900e-01 -0.3188628891 -0.3101433
## FALSE_4006 -0.1668927933 -1.640322e-01 -0.3188628891 -0.3101433
## FALSE_4007 -0.4506018761 -8.608864e-01 0.1676395155 -0.3101433
## FALSE_4008 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4009 -0.4506018761 -8.218484e-01 -0.3188628891 4.6993277
## FALSE_4010 -0.4506018761 -8.415645e-01 -0.0499410234 -0.3101433
## FALSE_4011 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## FALSE_4012 -0.4506018761 -7.068712e-01 -0.3188628891 2.6955393
## TRUE_4013 -0.3910450224 -6.530206e-01 0.0343895356 -0.3101433
## TRUE_4014 -0.4506018761 -8.616997e-01 8.9826891042 -0.3101433
## TRUE_4015 -0.2538515869 -4.583237e-01 2.4066581241 -0.3101433
## FALSE_4016 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_4017 -0.2617215799 -1.972400e-01 0.3082222113 -0.3101433
## FALSE_4018 1.3122808000 1.121378e+00 -0.3188628891 3.6974335
## FALSE_4019 0.3271404888 -6.961517e-03 -0.3188628891 -0.3101433
## FALSE_4020 -0.3587850627 -2.607672e-01 0.9898893240 -0.3101433
## FALSE_4021 0.0390877513 -2.607672e-01 -0.3188628891 0.6917509
## FALSE_4022 -0.3948144401 -6.764246e-01 -0.3188628891 -0.3101433
## FALSE_4023 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4024 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_4025 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_4026 -0.4506018761 -8.376624e-01 -0.3188628891 -0.3101433
## FALSE_4027 -0.3036949791 -6.093080e-01 -0.3188628891 3.6974335
## FALSE_4028 -0.1631753586 -5.215196e-01 -0.3188628891 -0.3101433
## FALSE_4029 0.0133146269 -1.386830e-01 -0.3188628891 -0.3101433
## FALSE_4030 0.1002989602 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4031 0.0390877513 -5.772583e-01 -0.3188628891 -0.3101433
## FALSE_4032 -0.4506018761 2.271901e-01 -0.3188628891 -0.3101433
## FALSE_4033 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4034 -0.2407348803 -5.474978e-01 -0.3188628891 -0.3101433
## FALSE_4035 0.1789990891 8.020250e-01 -0.3188628891 3.6974335
## FALSE_4036 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4037 0.1076442973 4.843892e-01 -0.3188628891 3.6974335
## FALSE_4038 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_4039 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_4040 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_4041 -0.4506018761 -5.044180e-01 0.7861696587 -0.3101433
## FALSE_4042 0.7981066935 1.059567e+00 0.2386625224 4.6993277
## FALSE_4043 -0.4506018761 -4.180547e-01 -0.3188628891 -0.3101433
## FALSE_4044 -0.4506018761 -6.739601e-01 -0.3188628891 -0.3101433
## FALSE_4045 -0.3658478979 -3.153133e-01 -0.3188628891 1.6936451
## FALSE_4046 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433

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## FALSE_4047 -0.1115859853 4.524620e-02 -0.3188628891 -0.3101433
## FALSE_4048 1.0184670280 6.406317e-01 -0.3188628891 0.6917509
## FALSE_4049 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4050 -0.4506018761 -6.469316e-01 -0.3188628891 -0.3101433
## FALSE_4051 -0.4506018761 -5.845839e-01 -0.3188628891 -0.3101433
## FALSE_4052 -0.4506018761 -6.622882e-01 -0.3188628891 -0.3101433
## FALSE_4053 -0.2100216739 -4.196082e-01 -0.3188628891 1.6936451
## FALSE_4054 -0.1521972491 -1.589436e-01 -0.2686215165 1.6936451
## FALSE_4055 -0.1751514579 -3.208604e-01 -0.3188628891 1.6936451
## FALSE_4056 -0.4506018761 -8.076158e-01 -0.3188628891 2.6955393
## TRUE_4057 -0.4506018761 -7.289831e-01 3.5131848138 -0.3101433
## FALSE_4058 -0.0617306936 -2.286857e-02 -0.3188628891 1.6936451
## FALSE_4059 -0.4387545553 -7.116973e-01 -0.3188628891 -0.3101433
## FALSE_4060 -0.3478697779 -5.813414e-01 -0.1393193044 -0.3101433
## FALSE_4061 -0.1567881041 2.440162e-01 -0.3188628891 4.6993277
## FALSE_4062 -0.4506018761 1.986721e+00 -0.3188628891 1.6936451
## FALSE_4063 0.1881237258 -3.397469e-01 1.0936875376 1.6936451
## FALSE_4064 -0.4506018761 -6.273360e-01 -0.3188628891 3.6974335
## FALSE_4065 -0.3806462182 -6.173205e-01 -0.3188628891 -0.3101433
## FALSE_4066 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_4067 -0.4506018761 -3.569164e-01 2.1203107863 3.6974335
## FALSE_4068 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_4069 -0.4506018761 -4.650842e-01 1.4174789471 -0.3101433
## FALSE_4070 -0.4506018761 -2.126925e-01 -0.3188628891 -0.3101433
## FALSE_4071 -0.0980253409 -3.241279e-02 -0.3188628891 0.6917509
## TRUE_4072 -0.4506018761 -4.650842e-01 2.0612477102 -0.3101433
## FALSE_4073 0.6511997965 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_4074 -0.3145769673 -5.505502e-01 -0.3188628891 -0.3101433
## TRUE_4075 -0.4506018761 -7.591314e-01 0.4774731993 -0.3101433
## FALSE_4076 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4077 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_4078 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_4079 -0.4506018761 -7.313435e-01 1.1070982436 0.6917509
## FALSE_4080 0.0390877513 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4081 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## FALSE_4082 0.0133146269 2.028997e-01 -0.3188628891 2.6955393
## FALSE_4083 1.0184670280 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4084 -0.1241421172 -1.789259e-01 -0.3188628891 2.6955393
## FALSE_4085 0.9266502146 9.501119e-01 -0.3188628891 -0.3101433
## FALSE_4086 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_4087 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4088 -0.0833346446 -7.147341e-02 -0.3188628891 -0.3101433
## FALSE_4089 -0.4506018761 1.839229e-01 -0.3188628891 0.6917509
## FALSE_4090 1.0184670280 9.050420e-01 -0.3188628891 0.6917509
## FALSE_4091 -0.0725326691 -2.069357e-01 -0.3188628891 4.6993277
## TRUE_4092 -0.4506018761 -7.459411e-01 3.4355574562 -0.3101433
## FALSE_4093 -0.0833346446 2.905885e-01 -0.3188628891 4.6993277
## FALSE_4094 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4095 -0.2573033332 -2.564711e-01 -0.3188628891 3.6974335
## FALSE_4096 0.3599188902 4.077185e-01 -0.3188628891 -0.3101433
## FALSE_4097 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_4098 -0.3246816786 -4.836273e-01 0.5457240290 -0.3101433
## FALSE_4099 -0.4506018761 -8.507261e-01 -0.3188628891 -0.3101433
## FALSE_4100 -0.4506018761 -3.873386e-01 -0.3188628891 3.6974335

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## FALSE_4101 1.0184670280 1.025228e+00 -0.3188628891 4.6993277
## FALSE_4102 -0.4065298092 -7.798012e-01 -0.3188628891 -0.3101433
## FALSE_4103 0.7736222143 5.745291e-01 -0.3188628891 -0.3101433
## FALSE_4104 -0.4506018761 -3.241279e-02 -0.3188628891 0.6917509
## TRUE_4105 -0.4506018761 -5.044180e-01 2.7173297096 -0.3101433
## FALSE_4106 -0.4506018761 -2.321073e-01 -0.3188628891 2.6955393
## FALSE_4107 -0.4156240361 -6.182743e-01 -0.0013495460 -0.3101433
## FALSE_4108 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4109 -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## FALSE_4110 -0.2373499473 5.133008e-02 -0.3188628891 0.6917509
## FALSE_4111 2.8548031415 2.888119e+00 -0.3188628891 1.6936451
## FALSE_4112 -0.4506018761 4.002586e-01 -0.3188628891 2.6955393
## FALSE_4113 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_4114 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_4115 0.3507084232 4.789262e-01 -0.3188628891 3.6974335
## FALSE_4116 -0.1751514579 -5.522194e-01 -0.3188628891 -0.3101433
## FALSE_4117 -0.3281794582 -4.568290e-01 0.1113264716 2.6955393
## FALSE_4118 -0.2407348803 -5.053099e-01 -0.3188628891 3.6974335
## FALSE_4119 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4120 3.4480809669 3.262547e+00 -0.3188628891 3.6974335
## FALSE_4121 0.0390877513 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_4122 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4123 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_4124 -0.3084339162 -3.937477e-01 0.0244489707 -0.3101433
## FALSE_4125 -0.0755204467 -4.703447e-01 -0.3188628891 -0.3101433
## TRUE_4126 -0.4506018761 -7.704993e-01 3.0098400458 -0.3101433
## TRUE_4127 -0.4506018761 -5.699743e-01 2.3012534559 -0.3101433
## TRUE_4128 -0.4506018761 -8.321994e-01 2.7629267068 -0.3101433
## FALSE_4129 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4130 -0.1466565970 -1.588751e-01 -0.3188628891 1.6936451
## FALSE_4131 2.0678019405 2.192755e+00 -0.3188628891 3.6974335
## FALSE_4132 -0.4506018761 -4.884719e-01 0.1957556188 2.6955393
## FALSE_4133 -0.2777702468 -4.810184e-01 -0.3188628891 1.6936451
## FALSE_4134 -0.3122113330 -2.855487e-01 0.2417069283 4.6993277
## FALSE_4135 0.1789990891 -1.913533e-01 -0.3188628891 -0.3101433
## FALSE_4136 -0.3388248897 -4.508261e-01 -0.1834712317 0.6917509
## FALSE_4137 -0.4506018761 -8.222098e-01 3.9171634546 2.6955393
## FALSE_4138 -0.2302415416 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4139 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_4140 -0.3084339162 -6.186128e-01 -0.3188628891 -0.3101433
## FALSE_4141 -0.1751514579 -3.569164e-01 -0.3188628891 2.6955393
## FALSE_4142 -0.0617306936 -2.614741e-01 -0.3188628891 0.6917509
## FALSE_4143 -0.2302415416 -4.110003e-01 -0.3188628891 -0.3101433
## FALSE_4144 0.7246532339 9.350886e-01 -0.3188628891 -0.3101433
## FALSE_4145 -0.2502743013 -6.082154e-01 -0.3188628891 -0.3101433
## FALSE_4146 -0.4506018761 1.839229e-01 -0.3188628891 3.6974335
## FALSE_4147 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4148 -0.2057570624 3.642027e-01 -0.3188628891 -0.3101433
## FALSE_4149 0.0740655912 -2.441354e-01 -0.3188628891 -0.3101433
## FALSE_4150 -0.4506018761 -6.573826e-01 0.1425096202 -0.3101433
## FALSE_4151 0.3757493783 1.118110e-01 -0.3188628891 2.6955393
## FALSE_4152 -0.1265425684 5.666662e-02 -0.3188628891 -0.3101433
## FALSE_4153 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4154 -0.0098812071 1.839229e-01 -0.3188628891 3.6974335

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## FALSE_4155 -0.3213238058 -4.746991e-01 -0.3188628891 -0.3101433
## FALSE_4156 1.0184670280 1.505975e+00 -0.3188628891 -0.3101433
## FALSE_4157 -0.4506018761 3.384484e-01 -0.3188628891 3.6974335
## FALSE_4158 0.0195001635 -1.622142e-01 -0.3188628891 3.6974335
## FALSE_4159 -0.4506018761 -2.247112e-01 0.7186025200 -0.3101433
## FALSE_4160 -0.4506018761 -6.027524e-01 -0.3188628891 -0.3101433
## FALSE_4161 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_4162 -0.4082248870 -3.749443e-01 -0.3188628891 4.6993277
## FALSE_4163 -0.4506018761 -4.983666e-01 0.4316520879 -0.3101433
## FALSE_4164 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_4165 -0.4506018761 -7.775691e-01 0.9316585589 -0.3101433
## FALSE_4166 -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433
## FALSE_4167 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4168 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4169 -0.4079061137 -5.803137e-01 -0.1374710517 1.6936451
## FALSE_4170 -0.4506018761 -5.044180e-01 -0.3188628891 1.6936451
## FALSE_4171 -0.0499467264 -3.623794e-01 -0.3188628891 4.6993277
## TRUE_4172 -0.4073939743 -3.962715e-01 -0.2023758445 3.6974335
## FALSE_4173 -0.2245912822 -5.760256e-01 -0.3188628891 -0.3101433
## TRUE_4174 -0.3084339162 -6.801884e-01 0.5958628062 3.6974335
## FALSE_4175 -0.1115859853 4.335411e-01 -0.3188628891 1.6936451
## FALSE_4176 -0.1918454280 -5.423650e-01 0.1087880995 -0.3101433
## FALSE_4177 -0.3771484386 -5.420036e-01 -0.3188628891 3.6974335
## FALSE_4178 -0.4506018761 -1.766366e-01 -0.3188628891 3.6974335
## FALSE_4179 0.1002989602 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4180 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4181 -0.0658457466 -1.548886e-01 -0.3188628891 -0.3101433
## FALSE_4182 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4183 -0.3456683782 -3.826706e-01 -0.3188628891 2.6955393
## FALSE_4184 -0.1115859853 -1.489012e-01 -0.3188628891 3.6974335
## FALSE_4185 -0.4506018761 7.247622e-01 -0.3188628891 2.6955393
## FALSE_4186 -0.4122783492 -2.017190e-01 -0.3188628891 -0.3101433
## FALSE_4187 -0.4506018761 -6.626022e-01 0.1597865628 -0.3101433
## FALSE_4188 -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433
## TRUE_4189 -0.3893906671 -4.370407e-01 0.9476275637 -0.3101433
## FALSE_4190 -0.4506018761 -3.218887e-01 -0.3188628891 -0.3101433
## TRUE_4191 -0.4506018761 -8.659416e-01 2.5760053418 2.6955393
## FALSE_4192 -0.4506018761 -5.371961e-01 -0.3188628891 0.6917509
## FALSE_4193 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_4194 0.1002989602 4.871311e-02 -0.3188628891 -0.3101433
## FALSE_4195 -0.3870636400 -7.065667e-01 -0.3188628891 -0.3101433
## FALSE_4196 -0.4506018761 5.444825e-01 -0.3188628891 1.6936451
## FALSE_4197 1.3857342375 1.626161e+00 -0.3188628891 3.6974335
## FALSE_4198 0.1002989602 9.050420e-01 -0.3188628891 0.6917509
## FALSE_4199 -0.1127672269 -4.639388e-01 -0.3188628891 -0.3101433
## FALSE_4200 -0.4506018761 -1.766366e-01 -0.3188628891 4.6993277
## TRUE_4201 -0.3568315242 -6.215824e-01 0.7158820924 2.6955393
## FALSE_4202 -0.2392974478 -3.985700e-01 0.5750044833 -0.3101433
## FALSE_4203 -0.0833346446 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4204 -0.4506018761 -6.314963e-01 -0.3188628891 -0.3101433
## FALSE_4205 -0.3375965792 -6.091216e-01 0.3392866402 3.6974335
## FALSE_4206 -0.0833346446 -1.766366e-01 -0.3188628891 0.6917509
## FALSE_4207 -0.0008869135 3.913309e-02 -0.1450435503 2.6955393
## FALSE_4208 -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433

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## FALSE_4209 0.6071277296 4.867929e-01 -0.3188628891 4.6993277
## FALSE_4210 -0.1899606200 -2.300282e-01 -0.0631159183 2.6955393
## FALSE_4211 -0.1812725832 -3.225773e-01 -0.3188628891 -0.3101433
## FALSE_4212 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## TRUE_4213 -0.4506018761 -6.917216e-01 0.6610150309 -0.3101433
## FALSE_4214 -0.1692908206 -1.889110e-01 -0.3188628891 -0.3101433
## FALSE_4215 -0.4506018761 -6.186128e-01 -0.3188628891 -0.3101433
## FALSE_4216 0.1789990891 3.384484e-01 -0.3188628891 3.6974335
## FALSE_4217 -0.0337039441 -5.580043e-02 -0.1545491228 -0.3101433
## FALSE_4218 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## TRUE_4219 -0.4506018761 -6.573826e-01 1.0274964205 -0.3101433
## FALSE_4220 -0.3234709088 -5.377295e-01 0.2234347568 -0.3101433
## FALSE_4221 -0.1882681424 7.991538e-02 0.7739058809 -0.3101433
## FALSE_4222 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4223 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## TRUE_4224 -0.4506018761 -5.044180e-01 2.3829712299 -0.3101433
## FALSE_4225 -0.4506018761 -7.868142e-01 -0.3188628891 1.6936451
## FALSE_4226 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_4227 -0.4506018761 -4.992425e-01 0.0464061913 -0.3101433
## FALSE_4228 -0.4506018761 -6.724059e-01 -0.3188628891 -0.3101433
## FALSE_4229 -0.1751514579 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4230 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4231 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4232 0.2839325649 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_4233 -0.4506018761 3.428959e+00 -0.3188628891 3.6974335
## FALSE_4234 1.2021006327 1.445881e+00 -0.3188628891 -0.3101433
## TRUE_4235 -0.4506018761 -8.036966e-01 3.5580174282 -0.3101433
## FALSE_4236 1.4050640918 1.607184e+00 -0.3188628891 3.6974335
## FALSE_4237 -0.4506018761 -5.277077e-01 -0.3188628891 -0.3101433
## FALSE_4238 0.1789990891 2.096772e-01 -0.3188628891 -0.3101433
## FALSE_4239 -0.3194350092 -1.079586e-01 -0.3188628891 2.6955393
## FALSE_4240 2.9772255594 2.948213e+00 -0.3188628891 -0.3101433
## FALSE_4241 -0.3422279364 -6.454484e-01 0.1199730902 -0.3101433
## FALSE_4242 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_4243 -0.4506018761 -7.006796e-01 -0.3188628891 -0.3101433
## FALSE_4244 -0.3314881907 -4.371989e-01 1.1686671793 -0.3101433
## TRUE_4245 -0.2302415416 -4.650842e-01 2.6757718053 -0.3101433
## FALSE_4246 -0.4506018761 -2.321073e-01 -0.3188628891 4.6993277
## FALSE_4247 -0.4506018761 -5.948856e-01 -0.3188628891 3.6974335
## FALSE_4248 -0.0308679066 9.709432e-02 -0.3188628891 -0.3101433
## TRUE_4249 -0.4506018761 -6.432430e-01 1.7823134185 -0.3101433
## TRUE_4250 -0.4506018761 -7.010868e-01 0.6360125176 -0.3101433
## FALSE_4251 0.6511997965 1.179067e+00 -0.3188628891 4.6993277
## FALSE_4252 -0.4506018761 2.939742e-02 -0.3188628891 4.6993277
## FALSE_4253 0.5287773786 1.505975e+00 -0.3188628891 3.6974335
## FALSE_4254 -0.4506018761 -2.321073e-01 -0.3188628891 -0.3101433
## TRUE_4255 0.2171567067 5.444825e-01 0.9088535609 -0.3101433
## FALSE_4256 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4257 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## TRUE_4258 -0.3931165638 -6.655755e-01 -0.1387978098 -0.3101433
## FALSE_4259 0.1921157736 3.041094e-01 0.4953188008 2.6955393
## TRUE_4260 -0.3246816786 -3.723689e-01 0.0891560708 0.6917509
## FALSE_4261 0.6511997965 8.237128e-01 -0.3188628891 2.6955393
## FALSE_4262 -0.4506018761 -2.321073e-01 -0.3188628891 -0.3101433

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## FALSE_4263 -0.4506018761 -6.131964e-01 -0.3188628891 0.6917509
## FALSE_4264 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4265 -0.4506018761 -2.217065e-01 -0.3188628891 -0.3101433
## FALSE_4266 -0.4506018761 -5.371961e-01 -0.3188628891 1.6936451
## FALSE_4267 -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## TRUE_4268 -0.3857900234 -2.051017e-01 0.5478245259 -0.3101433
## FALSE_4269 -0.4506018761 -3.689350e-01 -0.3188628891 -0.3101433
## FALSE_4270 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4271 -0.4238915372 -7.404206e-01 0.3841809954 -0.3101433
## FALSE_4272 0.1002989602 1.265601e+00 -0.3188628891 3.6974335
## FALSE_4273 -0.2024924681 -2.026163e-01 -0.3188628891 3.6974335
## FALSE_4274 -0.4506018761 -7.994212e-01 0.5679728678 -0.3101433
## FALSE_4275 -0.1567881041 -2.727858e-01 -0.3188628891 2.6955393
## FALSE_4276 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4277 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4278 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4279 -0.4506018761 -3.569164e-01 -0.3188628891 3.6974335
## FALSE_4280 0.4308394619 7.031286e-01 -0.3188628891 0.6917509
## TRUE_4281 -0.4506018761 -8.341275e-01 3.3474983422 -0.3101433
## FALSE_4282 0.1426759493 -9.897762e-02 -0.3188628891 0.6917509
## TRUE_4283 -0.4506018761 -4.930460e-01 0.4066603067 -0.3101433
## FALSE_4284 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4285 -0.4506018761 4.002586e-01 -0.3188628891 4.6993277
## FALSE_4286 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4287 -0.3975029905 -4.136514e-01 0.2092900480 -0.3101433
## FALSE_4288 0.1002989602 4.871311e-02 -0.3188628891 -0.3101433
## FALSE_4289 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_4290 2.1937221380 2.563616e+00 -0.3188628891 2.6955393
## FALSE_4291 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4292 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4293 -0.4506018761 -5.703286e-01 0.1582313526 -0.3101433
## FALSE_4294 -0.3404217088 -5.693397e-01 0.1129231405 -0.3101433
## FALSE_4295 -0.4506018761 -7.346454e-01 -0.3188628891 -0.3101433
## FALSE_4296 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_4297 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4298 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_4299 -0.3108210577 -3.888721e-01 2.5806832624 -0.3101433
## FALSE_4300 -0.3372737072 -5.041558e-01 0.8481757994 -0.3101433
## TRUE_4301 -0.4506018761 -7.010868e-01 2.6286802565 -0.3101433
## FALSE_4302 -0.2547260207 -3.895384e-01 -0.3188628891 -0.3101433
## FALSE_4303 -0.4506018761 -8.350496e-01 -0.3188628891 -0.3101433
## FALSE_4304 0.0390877513 6.373641e-02 -0.3188628891 2.6955393
## FALSE_4305 1.4382009974 1.214093e+00 -0.3188628891 3.6974335
## FALSE_4306 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4307 0.4937995607 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4308 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_4309 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4310 1.1696947064 1.732208e+00 -0.3188628891 2.6955393
## TRUE_4311 -0.1606540617 -2.810091e-01 0.0647077441 -0.3101433
## FALSE_4312 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## TRUE_4313 -0.4005199879 -5.430884e-01 0.1138031071 -0.3101433
## FALSE_4314 -0.4506018761 -4.817254e-01 -0.3188628891 2.6955393
## FALSE_4315 -0.4506018761 -2.353039e-01 0.1692419553 -0.3101433
## FALSE_4316 2.1937221380 2.130944e+00 -0.3188628891 2.6955393

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## FALSE_4317  2.8548031415  2.347280e+00 -0.3188628891  0.6917509
## FALSE_4318 -0.3826449525 -4.021878e-01 -0.3188628891  2.6955393
## FALSE_4319 -0.4506018761 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_4320 -0.4506018761 -5.732521e-01 -0.3188628891 -0.3101433
## FALSE_4321 -0.2816411625 -5.831254e-02 -0.1857020696  0.6917509
## FALSE_4322 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_4323 -0.3404217088 -6.381528e-01 -0.3188628891 -0.3101433
## FALSE_4324 -0.4506018761 -8.726909e-01 -0.3188628891 -0.3101433
## FALSE_4325  0.2839325649  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4326  0.0390877513 -1.285620e-01 -0.3188628891  0.6917509
## FALSE_4327 -0.4506018761  2.408534e-01 -0.3188628891 -0.3101433
## FALSE_4328 -0.3246816786 -4.719520e-01 -0.3188628891 -0.3101433
## FALSE_4329 -0.4506018761 -5.993616e-01 -0.3188628891  0.6917509
## FALSE_4330 -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4331 -0.2873720076 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_4332 -0.4506018761 -3.887304e-01  1.2108188978 -0.3101433
## FALSE_4333 -0.4506018761 -8.281740e-01 -0.3188628891 -0.3101433
## FALSE_4334  1.0184670280  1.265601e+00 -0.3188628891  3.6974335
## FALSE_4335 -0.4506018761 -7.361959e-02 -0.3188628891  2.6955393
## TRUE_4336  0.0390877513  6.373641e-02  1.1105427937 -0.3101433
## FALSE_4337 -0.2216719706 -6.967060e-02 -0.3188628891 -0.3101433
## FALSE_4338 -0.2788155921 -5.026356e-01 -0.3188628891 -0.3101433
## FALSE_4339  3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4340 -0.4506018761 -6.573826e-01  0.6915634453 -0.3101433
## FALSE_4341 -0.3128766670 -3.897798e-01 -0.3188628891  2.6955393
## FALSE_4342 -0.1913544211 -3.887304e-01 -0.3188628891  0.6917509
## FALSE_4343 -0.4506018761 -6.814199e-01 -0.3188628891  4.6993277
## FALSE_4344  3.9566048140  3.428959e+00 -0.3188628891  4.6993277
## FALSE_4345 -0.4506018761 -8.359454e-01 -0.3188628891 -0.3101433
## TRUE_4346  1.0571267366  7.722042e-01  0.0363706751  2.6955393
## FALSE_4347 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_4348  1.9978462826  1.265601e+00 -0.3188628891  0.6917509
## FALSE_4349  0.8860099955  8.423874e-01 -0.3188628891  4.6993277
## FALSE_4350 -0.4506018761 -4.627949e-01 -0.3188628891 -0.3101433
## FALSE_4351 -0.4506018761 -8.724532e-01 -0.3188628891 -0.3101433
## FALSE_4352 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_4353 -0.2110797781 -2.989133e-01 -0.3188628891  2.6955393
## FALSE_4354 -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4355 -0.2810939197 -3.985194e-01 -0.3188628891  4.6993277
## FALSE_4356 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4357 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_4358 -0.2034687966 -5.270870e-01  0.5894949047  2.6955393
## FALSE_4359  0.4308394619  1.118110e-01 -0.3188628891  2.6955393
## FALSE_4360 -0.0833346446 -4.891215e-01 -0.3188628891  3.6974335
## FALSE_4361  0.0390877513 -4.309603e-02 -0.3188628891  2.6955393
## FALSE_4362  0.0579219711 -2.413524e-01 -0.3188628891  0.6917509
## FALSE_4363 -0.1115859853  2.587547e-02 -0.3188628891 -0.3101433
## FALSE_4364  0.4567642163  7.989951e-01 -0.3188628891 -0.3101433
## FALSE_4365 -0.4506018761 -4.170096e-01 -0.3188628891  0.6917509
## FALSE_4366 -0.4506018761 -1.495269e-01 -0.3188628891 -0.3101433
## FALSE_4367 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4368 -0.4506018761 -7.738133e-01 -0.3188628891 -0.3101433
## TRUE_4369 -0.4506018761 -5.577995e-01  2.8966441938  0.6917509
## FALSE_4370  0.5664458183  2.116583e-01 -0.3188628891  1.6936451

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## FALSE_4371 -0.4506018761 -3.951575e-01 0.4713485707 0.6917509
## FALSE_4372 -0.3314881907 -2.377043e-01 0.1069666903 -0.3101433
## TRUE_4373 -0.3606588748 -6.328548e-01 -0.0433756352 -0.3101433
## TRUE_4374 0.1002989602 1.839229e-01 3.1070100112 -0.3101433
## FALSE_4375 -0.4291033015 -5.072961e-01 0.0312821572 -0.3101433
## FALSE_4376 -0.4506018761 -7.010868e-01 -0.3188628891 1.6936451
## FALSE_4377 -0.4506018761 1.324144e-01 0.2508635040 2.6955393
## FALSE_4378 0.6511997965 7.848555e-01 -0.3188628891 -0.3101433
## FALSE_4379 -0.1812725832 -5.244387e-02 -0.3188628891 -0.3101433
## TRUE_4380 -0.4506018761 -6.273360e-01 0.2034150298 -0.3101433
## FALSE_4381 -0.4176713158 -6.871874e-01 0.1566685493 -0.3101433
## TRUE_4382 -0.4506018761 -3.641275e-01 0.4143950581 -0.3101433
## FALSE_4383 -0.0098812071 1.566181e-02 -0.3188628891 3.6974335
## FALSE_4384 -0.3730557081 -5.064572e-01 0.3567083688 -0.3101433
## TRUE_4385 -0.4506018761 -2.796536e-01 1.1278205381 -0.3101433
## FALSE_4386 -0.4506018761 -1.285620e-01 -0.3188628891 -0.3101433
## TRUE_4387 -0.3246816786 -5.124720e-01 -0.1044877838 2.6955393
## FALSE_4388 0.4772311078 6.109013e-01 0.3327401237 -0.3101433
## FALSE_4389 0.5287773786 4.084374e-02 -0.3188628891 -0.3101433
## FALSE_4390 -0.4506018761 1.313157e-02 -0.3188628891 3.6974335
## FALSE_4391 -0.4506018761 -7.741352e-01 -0.3188628891 -0.3101433
## FALSE_4392 -0.4506018761 -2.487485e-01 -0.3188628891 2.6955393
## FALSE_4393 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4394 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4395 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## TRUE_4396 -0.0833346446 -1.766366e-01 2.6562753600 -0.3101433
## FALSE_4397 0.0390877513 -2.727858e-01 -0.3188628891 2.6955393
## FALSE_4398 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_4399 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4400 0.5625490763 5.586917e-01 -0.3188628891 2.6955393
## FALSE_4401 -0.0350652421 8.365303e-02 -0.3188628891 3.6974335
## TRUE_4402 -0.4506018761 -2.968231e-01 1.7299479509 -0.3101433
## FALSE_4403 -0.3314881907 -4.251303e-01 -0.0144434573 1.6936451
## FALSE_4404 -0.1115859853 -1.211659e-01 -0.3188628891 -0.3101433
## FALSE_4405 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4406 -0.0374262489 -1.202992e-01 -0.3188628891 -0.3101433
## FALSE_4407 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4408 -0.3036949791 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_4409 0.1426759493 2.172054e-01 -0.3188628891 -0.3101433
## FALSE_4410 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_4411 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## TRUE_4412 -0.1861694747 -3.269899e-01 -0.0750179094 -0.3101433
## FALSE_4413 -0.4506018761 -1.045247e-01 -0.3188628891 2.6955393
## FALSE_4414 1.2633118416 6.646689e-01 -0.3188628891 2.6955393
## FALSE_4415 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4416 0.1002989602 9.378304e-02 -0.0376363174 1.6936451
## FALSE_4417 1.2021006327 1.445881e+00 -0.3188628891 2.6955393
## FALSE_4418 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4419 0.2380241693 1.839229e-01 -0.3188628891 3.6974335
## FALSE_4420 -0.1595599286 -4.922963e-01 -0.3188628891 -0.3101433
## FALSE_4421 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_4422 -0.3719017472 -6.659674e-01 0.2101109005 -0.3101433
## FALSE_4423 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4424 -0.4506018761 6.373641e-02 -0.3188628891 0.6917509

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## TRUE_4425 -0.4506018761 -7.096376e-01 2.0302783242 -0.3101433
## FALSE_4426 -0.1977293575 -2.848582e-01 -0.3188628891 -0.3101433
## FALSE_4427 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_4428 0.4308394619 6.165944e-01 -0.3188628891 3.6974335
## TRUE_4429 -0.2589841977 -3.334016e-01 3.3958967502 -0.3101433
## FALSE_4430 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## FALSE_4431 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_4432 -0.4506018761 -7.241529e-01 1.9601907777 -0.3101433
## FALSE_4433 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4434 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4435 -0.4506018761 1.265601e+00 -0.3188628891 0.6917509
## FALSE_4436 -0.4506018761 -4.380422e-01 -0.3188628891 -0.3101433
## FALSE_4437 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_4438 -0.1466565970 -3.666852e-01 -0.3188628891 -0.3101433
## FALSE_4439 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## TRUE_4440 0.1533486614 1.438608e-01 0.5362138817 -0.3101433
## FALSE_4441 -0.2407348803 -5.224794e-01 -0.3188628891 -0.3101433
## FALSE_4442 -0.4506018761 -4.921262e-01 -0.3188628891 1.6936451
## FALSE_4443 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4444 -0.0499467264 -4.060836e-01 -0.3188628891 -0.3101433
## FALSE_4445 -0.0883657134 -6.935073e-02 0.1373537969 -0.3101433
## TRUE_4446 -0.4506018761 -3.208604e-01 1.4072266909 -0.3101433
## FALSE_4447 -0.1567881041 3.969911e-02 -0.3188628891 -0.3101433
## FALSE_4448 1.3122808000 1.698273e+00 -0.3188628891 2.6955393
## FALSE_4449 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_4450 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## TRUE_4451 -0.2561662959 -5.278982e-01 -0.0126860539 -0.3101433
## FALSE_4452 -0.0463232313 -1.683227e-01 -0.2162237042 0.6917509
## FALSE_4453 -0.0499467264 2.822574e-01 -0.3188628891 -0.3101433
## FALSE_4454 -0.3456683782 -4.490593e-01 -0.3188628891 2.6955393
## TRUE_4455 -0.4506018761 -3.985194e-01 1.3551718254 -0.3101433
## FALSE_4456 -0.0539532740 -1.255745e-01 -0.0408312924 3.6974335
## FALSE_4457 -0.4506018761 -7.553008e-01 -0.2634318559 -0.3101433
## FALSE_4458 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_4459 -0.4506018761 -6.273360e-01 1.0076433983 -0.3101433
## FALSE_4460 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4461 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_4462 -0.4506018761 -4.650842e-01 -0.3188628891 2.6955393
## FALSE_4463 0.3888660628 9.136267e-01 -0.3188628891 4.6993277
## FALSE_4464 -0.4506018761 -6.126621e-01 -0.3188628891 -0.3101433
## TRUE_4465 -0.4506018761 -6.814199e-01 4.5738011584 -0.3101433
## FALSE_4466 1.1048828316 7.862694e-01 -0.3188628891 -0.3101433
## FALSE_4467 0.0390877513 -4.170096e-01 -0.3188628891 4.6993277
## FALSE_4468 -0.4506018761 -7.147019e-01 0.5650301496 -0.3101433
## FALSE_4469 -0.4506018761 -1.766366e-01 -0.3188628891 2.6955393
## FALSE_4470 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4471 0.6511997965 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_4472 -0.4506018761 -5.772583e-01 0.2168961390 -0.3101433
## FALSE_4473 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4474 -0.0098812071 -1.045247e-01 -0.3188628891 -0.3101433
## FALSE_4475 -0.4506018761 -8.145496e-01 -0.3188628891 -0.3101433
## FALSE_4476 -0.3789399681 -6.747057e-01 0.1238593643 -0.3101433
## FALSE_4477 -0.4363850867 -5.504886e-01 -0.3188628891 3.6974335
## FALSE_4478 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433

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## FALSE_4479 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4480 -0.4442696896 -4.720746e-01 -0.3188628891 1.6936451
## FALSE_4481 -0.1115859853 -6.569521e-02 -0.3188628891 0.6917509
## TRUE_4482 -0.4506018761 -6.355305e-01 2.2152785322 -0.3101433
## FALSE_4483 -0.4506018761 -5.371961e-01 -0.3188628891 3.6974335
## TRUE_4484 -0.4506018761 -7.174759e-01 1.6104058178 -0.3101433
## FALSE_4485 -0.3404217088 -3.244660e-01 -0.3188628891 -0.3101433
## FALSE_4486 0.3363993249 8.099734e-01 -0.3188628891 2.6955393
## FALSE_4487 -0.3547930369 -5.215196e-01 -0.3188628891 -0.3101433
## FALSE_4488 0.4308394619 6.373641e-02 -0.3188628891 3.6974335
## FALSE_4489 0.1837687885 -2.839850e-01 -0.3188628891 -0.3101433
## FALSE_4490 -0.4506018761 -2.838799e-01 -0.1815116941 -0.3101433
## FALSE_4491 -0.4506018761 -5.293918e-01 -0.3188628891 -0.3101433
## FALSE_4492 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_4493 -0.4506018761 -8.035796e-01 2.3296035405 -0.3101433
## FALSE_4494 0.0053160536 1.031079e-01 -0.3188628891 1.6936451
## TRUE_4495 -0.3084339162 -7.271683e-01 0.2966011229 -0.3101433
## FALSE_4496 0.4308394619 6.165944e-01 -0.3188628891 -0.3101433
## FALSE_4497 0.6361752322 6.521821e-01 -0.3188628891 -0.3101433
## FALSE_4498 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_4499 -0.4506018761 -3.569164e-01 0.6216958209 4.6993277
## FALSE_4500 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4501 -0.4506018761 -7.089536e-01 -0.3188628891 -0.3101433
## FALSE_4502 0.1789990891 -1.251281e-01 -0.3188628891 -0.3101433
## FALSE_4503 -0.0113214602 -2.246561e-01 -0.3188628891 -0.3101433
## FALSE_4504 1.9978462826 2.227094e+00 -0.3188628891 0.6917509
## FALSE_4505 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_4506 -0.3036949791 -6.814199e-01 -0.3188628891 1.6936451
## FALSE_4507 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_4508 -0.4506018761 -7.239144e-01 3.1376197059 -0.3101433
## FALSE_4509 -0.2810939197 -4.401224e-01 -0.3188628891 -0.3101433
## FALSE_4510 0.8086000322 7.505165e-01 -0.3188628891 -0.3101433
## FALSE_4511 -0.1799839160 -4.106840e-01 0.3316416856 -0.3101433
## FALSE_4512 -0.2186436246 -3.646531e-01 -0.3188628891 -0.3101433
## FALSE_4513 0.4308394619 2.920908e-01 -0.3188628891 -0.3101433
## FALSE_4514 -0.4506018761 -3.334016e-01 -0.3188628891 -0.3101433
## FALSE_4515 -0.4506018761 -7.855816e-01 -0.3188628891 -0.3101433
## FALSE_4516 0.2104791274 4.002586e-01 -0.3188628891 1.6936451
## FALSE_4517 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4518 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4519 -0.3190434730 -6.492289e-01 -0.3188628891 -0.3101433
## FALSE_4520 -0.4506018761 -6.432430e-01 -0.3188628891 2.6955393
## FALSE_4521 -0.4506018761 -2.109756e-01 -0.3188628891 -0.3101433
## FALSE_4522 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4523 -0.4506018761 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_4524 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4525 0.2839325649 1.118110e-01 -0.3188628891 -0.3101433
## TRUE_4526 -0.3795179072 -1.824521e-01 0.5207327535 -0.3101433
## FALSE_4527 -0.4506018761 -8.218484e-01 -0.3188628891 -0.3101433
## FALSE_4528 -0.4506018761 -8.561526e-01 -0.3188628891 -0.3101433
## FALSE_4529 -0.4065298092 -3.538655e-01 -0.3188628891 -0.3101433
## FALSE_4530 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4531 0.6511997965 4.543426e-01 -0.3188628891 -0.3101433
## FALSE_4532 -0.4506018761 -3.969785e-01 -0.3188628891 3.6974335

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## TRUE_4533 -0.4506018761 -6.244895e-01 0.5444567772 -0.3101433
## FALSE_4534 -0.4506018761 -1.766366e-01 -0.3188628891 3.6974335
## FALSE_4535 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_4536 -0.2168863611 -2.907357e-01 0.0147132176 -0.3101433
## FALSE_4537 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4538 -0.4506018761 -8.462471e-01 -0.3188628891 -0.3101433
## FALSE_4539 -0.3228567645 -2.654701e-01 -0.3188628891 2.6955393
## FALSE_4540 -0.4506018761 -5.371961e-01 -0.3188628891 2.6955393
## FALSE_4541 -0.2302415416 -4.085966e-01 0.1099945627 3.6974335
## FALSE_4542 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## FALSE_4543 -0.3106905603 -2.968231e-01 -0.3188628891 -0.3101433
## FALSE_4544 0.2171567067 1.347660e-02 -0.3188628891 -0.3101433
## FALSE_4545 0.4937995607 6.474994e-01 -0.3188628891 -0.3101433
## FALSE_4546 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_4547 -0.2057570624 -5.932832e-01 -0.3188628891 2.6955393
## FALSE_4548 -0.2057570624 -4.170096e-01 -0.3188628891 0.6917509
## FALSE_4549 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4550 -0.2832912427 -3.614079e-02 -0.3188628891 4.6993277
## FALSE_4551 -0.4458114407 -4.351638e-01 -0.0422094989 3.6974335
## FALSE_4552 -0.3281794582 -2.367298e-01 1.1280886411 -0.3101433
## FALSE_4553 -0.4506018761 -6.568712e-01 -0.3188628891 2.6955393
## FALSE_4554 1.7530014690 2.347280e+00 -0.3188628891 0.6917509
## FALSE_4555 1.0184670280 1.025228e+00 -0.3188628891 -0.3101433
## FALSE_4556 -0.3346227503 -5.751497e-01 1.7296354255 -0.3101433
## FALSE_4557 0.0906340441 -3.620816e-02 1.1045223932 -0.3101433
## TRUE_4558 -0.4506018761 -2.796536e-01 2.6291969637 4.6993277
## FALSE_4559 -0.1799839160 -2.651951e-01 -0.3188628891 2.6955393
## FALSE_4560 2.6974029057 2.810857e+00 -0.3188628891 -0.3101433
## FALSE_4561 0.1370256900 1.118110e-01 -0.3188628891 3.6974335
## FALSE_4562 -0.2502743013 5.281037e-02 -0.3188628891 2.6955393
## FALSE_4563 -0.1751514579 -1.541016e-01 -0.3188628891 -0.3101433
## FALSE_4564 -0.4251267009 -4.189075e-01 -0.1052325364 -0.3101433
## FALSE_4565 -0.4506018761 -5.114419e-01 -0.0079707279 -0.3101433
## FALSE_4566 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_4567 -0.3504380776 -4.552508e-01 -0.0023308171 -0.3101433
## FALSE_4568 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_4569 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4570 0.1789990891 6.474994e-01 -0.3188628891 4.6993277
## FALSE_4571 1.7530014690 2.347280e+00 -0.3188628891 2.6955393
## FALSE_4572 -0.0706702717 -4.285196e-01 -0.1538880604 3.6974335
## FALSE_4573 1.3641302866 1.520114e+00 -0.3188628891 2.6955393
## FALSE_4574 -0.0499467264 -1.110803e-01 -0.3188628891 4.6993277
## FALSE_4575 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_4576 -0.3128766670 -6.273360e-01 2.7967948098 -0.3101433
## FALSE_4577 -0.3732824589 -6.490238e-01 3.1172120334 -0.3101433
## FALSE_4578 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_4579 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4580 -0.4506018761 -8.677090e-01 -0.3188628891 -0.3101433
## FALSE_4581 -0.3456683782 -3.655011e-01 -0.3188628891 -0.3101433
## FALSE_4582 -0.4506018761 -8.264362e-01 -0.3188628891 -0.3101433
## FALSE_4583 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4584 -0.1567881041 6.887062e-01 -0.3188628891 -0.3101433
## FALSE_4585 0.6511997965 2.740628e-01 -0.3188628891 4.6993277
## FALSE_4586 -0.3110403382 -1.021949e-01 2.5349687921 1.6936451

```

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## FALSE_4587 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_4588 -0.2669682713 -6.273360e-01 -0.3188628891 3.6974335
## FALSE_4589 0.1096362666 1.350335e-01 0.0954515690 1.6936451
## FALSE_4590 -0.3993552954 -6.730729e-01 0.1366789100 -0.3101433
## TRUE_4591 -0.3689869308 -3.826706e-01 0.3566313879 -0.3101433
## TRUE_4592 -0.4506018761 -8.743680e-01 1.4960751332 -0.3101433
## FALSE_4593 -0.4097944035 -6.784042e-01 -0.2163176877 -0.3101433
## TRUE_4594 -0.4506018761 -7.174759e-01 0.9673877429 -0.3101433
## FALSE_4595 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## FALSE_4596 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_4597 0.0390877513 6.373641e-02 -0.3188628891 2.6955393
## FALSE_4598 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4599 -0.0740367386 -1.812006e-01 -0.0087756669 1.6936451
## FALSE_4600 0.1462073559 -6.396174e-02 -0.3188628891 -0.3101433
## FALSE_4601 0.9266502146 3.642027e-01 -0.3188628891 4.6993277
## FALSE_4602 0.1002989602 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_4603 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_4604 -0.4506018761 5.444825e-01 -0.3188628891 2.6955393
## FALSE_4605 -0.3036949791 -4.336415e-01 0.2862065561 -0.3101433
## FALSE_4606 0.1002989602 3.643173e-03 -0.3188628891 -0.3101433
## FALSE_4607 1.2554136204 1.544744e+00 -0.3188628891 3.6974335
## FALSE_4608 1.4743849576 1.399879e+00 -0.3188628891 3.6974335
## FALSE_4609 -0.4098303663 -6.792907e-01 -0.2353015649 4.6993277
## FALSE_4610 -0.2502743013 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_4611 -0.4506018761 -7.174759e-01 -0.3188628891 2.6955393
## FALSE_4612 -0.4506018761 -4.802657e-01 -0.3188628891 -0.3101433
## FALSE_4613 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_4614 -0.1913544211 -3.887304e-01 1.1644970194 2.6955393
## FALSE_4615 0.0390877513 -2.679471e-01 -0.3188628891 -0.3101433
## FALSE_4616 -0.4468542519 -6.543146e-01 -0.2365640836 -0.3101433
## FALSE_4617 -0.1327744688 -6.019750e-01 -0.3188628891 -0.3101433
## FALSE_4618 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_4619 -0.3239580153 -5.904808e-01 -0.3188628891 2.6955393
## FALSE_4620 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_4621 -0.2186436246 -3.967677e-01 -0.3188628891 -0.3101433
## FALSE_4622 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_4623 -0.3170501595 -4.716398e-01 -0.3188628891 3.6974335
## FALSE_4624 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_4625 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4626 0.5134745874 5.895524e-01 -0.3188628891 -0.3101433
## FALSE_4627 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_4628 -0.4376901267 -2.908889e-01 -0.3188628891 3.6974335
## FALSE_4629 -0.4506018761 -2.321073e-01 1.4204487029 -0.3101433
## FALSE_4630 1.0087656202 1.288149e+00 -0.3188628891 1.6936451
## FALSE_4631 -0.4506018761 -5.584055e-01 -0.3188628891 -0.3101433
## FALSE_4632 0.1383796720 -3.836675e-01 0.2264599595 0.6917509
## FALSE_4633 -0.4265187833 -2.965416e-01 -0.3188628891 -0.3101433
## FALSE_4634 -0.4506018761 -3.334016e-01 -0.3188628891 3.6974335
## TRUE_4635 -0.2874767669 -6.005136e-01 0.9694497162 -0.3101433
## FALSE_4636 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_4637 -0.3216104505 -5.864433e-01 1.5002215285 -0.3101433
## FALSE_4638 -0.2669682713 -3.869630e-01 -0.3188628891 2.6955393
## FALSE_4639 -0.4506018761 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_4640 -0.1358014045 -1.058124e-01 -0.3188628891 -0.3101433

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## TRUE_4641    -0.3504380776 -6.191415e-01  0.8011736737  4.6993277
## FALSE_4642   -0.4506018761 -6.388924e-01  0.8717295328 -0.3101433
## FALSE_4643   -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4644   -0.3093452604 -2.113058e-01 -0.3188628891 -0.3101433
## FALSE_4645   -0.4506018761 -8.191721e-01 -0.3188628891 -0.3101433
## FALSE_4646   -0.2669682713  3.643173e-03 -0.3188628891  3.6974335
## FALSE_4647   -0.4506018761  5.444825e-01 -0.3188628891  4.6993277
## FALSE_4648   -0.3561617390 -3.695359e-01 -0.3188628891  3.6974335
## FALSE_4649   -0.3073676586 -4.366840e-01 -0.3188628891  1.6936451
## FALSE_4650    0.1002989602  9.378304e-02 -0.3188628891 -0.3101433
## FALSE_4651   -0.4506018761 -8.016064e-01 -0.3188628891 -0.3101433
## FALSE_4652    0.4308394619  1.324144e-01 -0.3188628891 -0.3101433
## FALSE_4653   -0.2186436246 -1.690459e-01 -0.3188628891  3.6974335
## FALSE_4654   -0.3634263582 -4.179846e-01 -0.3188628891  1.6936451
## FALSE_4655   -0.0392625777  1.541167e-01 -0.3188628891  3.6974335
## FALSE_4656   -0.4506018761  1.839229e-01 -0.3188628891  1.6936451
## FALSE_4657    0.0918235712  4.335411e-01 -0.3188628891  2.6955393
## FALSE_4658    0.6511997965  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4659   -0.4506018761 -4.650842e-01 -0.3188628891  3.6974335
## FALSE_4660   -0.1567881041 -3.431807e-01 -0.3188628891 -0.3101433
## FALSE_4661    0.9660002680  9.565505e-01 -0.3188628891  2.6955393
## FALSE_4662   -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4663   -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_4664   -0.1567881041  1.121378e+00 -0.3188628891 -0.3101433
## FALSE_4665   -0.4506018761 -2.321073e-01 -0.3188628891  1.6936451
## FALSE_4666   -0.4506018761 -4.470562e-01 -0.3188628891  2.6955393
## FALSE_4667   -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_4668   -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4669    1.3398258418  1.445881e+00 -0.3188628891 -0.3101433
## FALSE_4670    2.4875359100  2.707840e+00 -0.3188628891  3.6974335
## FALSE_4671    0.3507084232  6.755950e-01 -0.3188628891  2.6955393
## FALSE_4672    2.1937221380  2.563616e+00 -0.3188628891  2.6955393
## FALSE_4673    0.6511997965  7.247622e-01 -0.3188628891  4.6993277
## FALSE_4674   -0.3456683782  1.324144e-01 -0.3188628891 -0.3101433
## FALSE_4675   -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_4676   -0.4506018761  7.247622e-01 -0.3188628891 -0.3101433
## FALSE_4677   -0.1033674042  3.080220e-02 -0.1456942297  4.6993277
## FALSE_4678    1.3122808000  1.409825e+00 -0.3188628891  0.6917509
## FALSE_4679   -0.0598920731 -4.622145e-02 -0.3188628891 -0.3101433
## FALSE_4680   -0.4506018761 -5.371961e-01 -0.3188628891  1.6936451
## FALSE_4681   -0.4506018761 -7.950508e-01  0.3575841008 -0.3101433
## FALSE_4682   -0.4506018761 -8.700203e-01 -0.3188628891 -0.3101433
## FALSE_4683   -0.1521972491 -1.428341e-01 -0.3188628891  2.6955393
## FALSE_4684   -0.4065298092 -2.469457e-01 -0.3188628891 -0.3101433
## TRUE_4685    -0.2589841977 -2.393426e-01  1.1728152040 -0.3101433
## FALSE_4686   -0.0499467264 -3.194556e-01  0.4868313408 -0.3101433
## FALSE_4687    0.0014193336 -2.598426e-01 -0.3188628891 -0.3101433
## FALSE_4688   -0.4506018761 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_4689   -0.2932016403 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4690   -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_4691    1.7530014690  1.445881e+00 -0.3188628891 -0.3101433
## FALSE_4692    0.4308394619  1.698273e+00 -0.3188628891  2.6955393
## FALSE_4693   -0.0833346446 -3.268697e-01  0.1343651194 -0.3101433
## FALSE_4694   -0.1631753586  1.839229e-01 -0.3188628891 -0.3101433

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## FALSE_4695 -0.0833346446 -2.487485e-01 -0.3188628891 -0.3101433
## TRUE_4696 -0.4506018761 -5.887046e-01 0.9213812796 -0.3101433
## FALSE_4697 -0.1358014045 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4698 -0.4506018761 -4.697068e-01 0.0448455500 -0.3101433
## TRUE_4699 -0.3298564885 -5.223786e-01 0.3154172339 3.6974335
## FALSE_4700 -0.4506018761 -1.489012e-01 -0.3188628891 2.6955393
## FALSE_4701 0.4471624554 5.631781e-01 -0.3188628891 -0.3101433
## FALSE_4702 0.3757493783 4.543426e-01 -0.3188628891 -0.3101433
## FALSE_4703 -0.4506018761 -5.159867e-01 -0.3188628891 3.6974335
## FALSE_4704 -0.3689869308 -5.639042e-01 0.0069751832 -0.3101433
## FALSE_4705 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_4706 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4707 1.0184670280 1.145415e+00 -0.3188628891 -0.3101433
## FALSE_4708 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4709 -0.4506018761 -6.440286e-01 0.7058533316 -0.3101433
## FALSE_4710 -0.2986292255 -6.739601e-01 -0.3188628891 -0.3101433
## TRUE_4711 -0.4506018761 -3.569164e-01 0.9270114412 -0.3101433
## FALSE_4712 0.3290355656 4.192355e-01 -0.3188628891 2.6955393
## FALSE_4713 -0.3806462182 -3.111583e-01 -0.3188628891 2.6955393
## FALSE_4714 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4715 0.2576991960 -1.895137e-01 0.9109419257 2.6955393
## FALSE_4716 -0.4506018761 -4.746138e-01 -0.3188628891 -0.3101433
## FALSE_4717 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4718 -0.2810939197 -9.449729e-02 -0.3188628891 3.6974335
## FALSE_4719 -0.4506018761 -2.727858e-01 -0.0937851147 -0.3101433
## FALSE_4720 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_4721 -0.4506018761 -7.813779e-01 -0.2704523103 -0.3101433
## FALSE_4722 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_4723 -0.1460200421 -3.834606e-01 -0.3188628891 4.6993277
## FALSE_4724 0.1002989602 -1.766366e-01 -0.3188628891 2.6955393
## TRUE_4725 -0.4506018761 -4.170096e-01 1.6252050997 1.6936451
## FALSE_4726 -0.4506018761 -7.375070e-01 0.1672256022 -0.3101433
## FALSE_4727 -0.4506018761 1.839229e-01 -0.3188628891 3.6974335
## TRUE_4728 -0.4506018761 -7.232914e-01 4.2017085207 -0.3101433
## FALSE_4729 -0.4506018761 -5.887046e-01 -0.3188628891 2.6955393
## FALSE_4730 -0.3704708373 -7.141981e-01 -0.3188628891 -0.3101433
## FALSE_4731 0.3507084232 8.558850e-02 -0.3188628891 -0.3101433
## FALSE_4732 0.2839325649 6.646689e-01 -0.3188628891 -0.3101433
## FALSE_4733 -0.2669682713 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_4734 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_4735 -0.4506018761 -6.700338e-01 1.1843648580 0.6917509
## FALSE_4736 0.0215988313 9.893391e-02 -0.3188628891 -0.3101433
## FALSE_4737 -0.1981056668 -4.460319e-01 -0.3188628891 -0.3101433
## FALSE_4738 0.1242511810 2.340877e-01 -0.3188628891 3.6974335
## FALSE_4739 0.5695848512 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_4740 -0.0833346446 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4741 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4742 -0.4090244644 -6.664533e-01 -0.3188628891 -0.3101433
## TRUE_4743 -0.4506018761 -4.650842e-01 0.9833934880 -0.3101433
## FALSE_4744 -0.4506018761 -8.036966e-01 -0.3188628891 -0.3101433
## FALSE_4745 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4746 1.5081566553 1.746348e+00 -0.3188628891 1.6936451
## FALSE_4747 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4748 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433

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## FALSE_4749 0.6144730667 1.395403e+00 -0.3188628891 4.6993277
## FALSE_4750 -0.4506018761 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_4751 -0.4506018761 -6.312551e-01 0.6029146276 -0.3101433
## FALSE_4752 0.7036665344 1.265601e+00 -0.3188628891 0.6917509
## FALSE_4753 -0.4506018761 -3.241279e-02 -0.3188628891 2.6955393
## FALSE_4754 -0.3472020200 -4.579571e-01 0.4988691561 2.6955393
## FALSE_4755 -0.4506018761 -6.666541e-01 0.5811158838 -0.3101433
## FALSE_4756 -0.4506018761 -4.170096e-01 -0.3188628891 4.6993277
## FALSE_4757 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4758 -0.0098812071 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_4759 0.2274299275 1.672817e-01 -0.3188628891 -0.3101433
## FALSE_4760 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4761 -0.1115859853 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4762 -0.2743136085 -3.703086e-01 -0.3188628891 3.6974335
## FALSE_4763 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_4764 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_4765 -0.2186436246 -5.561729e-01 -0.3188628891 2.6955393
## FALSE_4766 -0.4506018761 -6.580896e-01 -0.3188628891 -0.3101433
## FALSE_4767 -0.4506018761 -6.734075e-01 -0.3188628891 -0.3101433
## FALSE_4768 1.3122808000 6.165944e-01 -0.3188628891 -0.3101433
## FALSE_4769 -0.0833346446 -2.066832e-01 -0.3188628891 1.6936451
## FALSE_4770 -0.1466565970 -3.755660e-01 -0.3188628891 -0.3101433
## FALSE_4771 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_4772 1.7530014690 1.203791e+00 -0.3188628891 -0.3101433
## FALSE_4773 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_4774 -0.4506018761 -6.381528e-01 -0.3188628891 3.6974335
## TRUE_4775 -0.3346227503 -6.145897e-01 1.0902502864 1.6936451
## FALSE_4776 0.8411656097 1.166137e+00 -0.3188628891 3.6974335
## FALSE_4777 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4778 -0.3036949791 -4.722954e-01 -0.3188628891 -0.3101433
## FALSE_4779 -0.4388805793 -2.495156e-01 0.3226520983 0.6917509
## FALSE_4780 -0.3304053400 -3.398717e-01 -0.3188628891 -0.3101433
## FALSE_4781 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_4782 -0.1115859853 1.751083e-02 -0.3188628891 -0.3101433
## FALSE_4783 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## FALSE_4784 -0.2589841977 -6.155786e-01 -0.3188628891 -0.3101433
## FALSE_4785 0.3507084232 1.970342e-01 -0.3188628891 1.6936451
## FALSE_4786 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4787 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4788 -0.2669682713 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_4789 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4790 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_4791 -0.1115859853 -5.371961e-01 -0.3188628891 1.6936451
## FALSE_4792 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_4793 -0.4506018761 -7.211551e-01 -0.3188628891 -0.3101433
## FALSE_4794 0.2128485960 1.056244e+00 -0.3188628891 1.6936451
## FALSE_4795 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4796 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4797 0.1943552075 1.311581e-01 -0.3188628891 1.6936451
## FALSE_4798 1.7530014690 1.806441e+00 -0.3188628891 3.6974335
## TRUE_4799 -0.4506018761 -5.044180e-01 2.8001003973 -0.3101433
## FALSE_4800 -0.1567881041 6.165944e-01 -0.3188628891 4.6993277
## FALSE_4801 -0.4506018761 -5.814754e-01 -0.3188628891 -0.3101433
## FALSE_4802 0.8086000322 9.565505e-01 -0.3188628891 -0.3101433

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## FALSE_4803 -0.0718575511 -1.517676e-01 0.4846348989 1.6936451
## FALSE_4804 -0.4506018761 -6.739601e-01 -0.3188628891 -0.3101433
## FALSE_4805 -0.0232363875 -7.917626e-02 -0.3188628891 4.6993277
## FALSE_4806 -0.4506018761 -7.054572e-01 -0.3188628891 -0.3101433
## FALSE_4807 0.4308394619 3.569915e-01 -0.3188628891 -0.3101433
## TRUE_4808 -0.3732824589 -6.763594e-01 0.7598723096 -0.3101433
## FALSE_4809 0.1076442973 -7.279546e-02 -0.3188628891 4.6993277
## FALSE_4810 -0.4506018761 1.839229e-01 -0.3188628891 3.6974335
## FALSE_4811 0.2083187368 6.497149e-02 -0.3188628891 3.6974335
## TRUE_4812 -0.4506018761 -5.044180e-01 1.3959234713 -0.3101433
## FALSE_4813 -0.4506018761 -5.371961e-01 -0.3188628891 0.6917509
## FALSE_4814 -0.3404217088 -5.417031e-01 -0.3188628891 -0.3101433
## FALSE_4815 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4816 -0.4506018761 5.444825e-01 -0.3188628891 1.6936451
## FALSE_4817 0.3507084232 1.534964e-02 -0.3188628891 -0.3101433
## FALSE_4818 0.9660002680 1.265601e+00 -0.3188628891 2.6955393
## FALSE_4819 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_4820 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4821 -0.4506018761 -7.492900e-01 -0.3188628891 -0.3101433
## TRUE_4822 -0.1751514579 -3.118464e-01 0.5293287748 -0.3101433
## FALSE_4823 0.2274299275 1.015983e+00 -0.3188628891 1.6936451
## FALSE_4824 0.1789990891 1.495839e-01 -0.3188628891 -0.3101433
## FALSE_4825 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_4826 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4827 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4828 -0.0833346446 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_4829 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4830 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_4831 -0.4506018761 -8.631419e-01 -0.3188628891 -0.3101433
## FALSE_4832 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_4833 -0.4506018761 -8.016064e-01 -0.3188628891 2.6955393
## TRUE_4834 0.0284423198 -3.203954e-02 0.0389845867 4.6993277
## TRUE_4835 -0.1329653670 -3.393756e-01 0.0079183562 -0.3101433
## FALSE_4836 -0.4010827000 -6.917216e-01 1.1961307558 -0.3101433
## FALSE_4837 -0.4506018761 -3.769474e-01 -0.3188628891 4.6993277
## FALSE_4838 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4839 0.2839325649 3.842338e-01 -0.3188628891 -0.3101433
## FALSE_4840 -0.4506018761 -2.749710e-01 -0.3188628891 -0.3101433
## FALSE_4841 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_4842 1.7530014690 1.806441e+00 -0.3188628891 3.6974335
## FALSE_4843 0.0014193336 3.051660e-01 -0.3188628891 -0.3101433
## FALSE_4844 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_4845 0.4308394619 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4846 -0.4506018761 -7.269643e-01 -0.3188628891 -0.3101433
## FALSE_4847 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4848 -0.4506018761 5.444825e-01 -0.3188628891 3.6974335
## FALSE_4849 0.1002989602 -1.841483e-01 -0.3188628891 1.6936451
## FALSE_4850 -0.3587850627 -1.354298e-01 0.5439272031 2.6955393
## FALSE_4851 1.7530014690 1.626161e+00 -0.3188628891 0.6917509
## TRUE_4852 -0.2932016403 -2.435977e-01 1.0161288562 -0.3101433
## FALSE_4853 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## TRUE_4854 -0.3624577423 -6.165192e-01 5.5572885101 -0.3101433
## FALSE_4855 -0.4506018761 -7.570495e-01 1.2330136666 0.6917509
## FALSE_4856 2.0678019405 2.501806e+00 -0.3188628891 1.6936451

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## FALSE_4857 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_4858 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4859 -0.2986292255 -2.921571e-02 -0.3188628891 -0.3101433
## TRUE_4860 -0.4506018761 -8.449908e-01 0.8114486146 -0.3101433
## FALSE_4861 2.4875359100 2.707840e+00 -0.3188628891 -0.3101433
## FALSE_4862 -0.1707792224 -3.723689e-01 -0.3188628891 -0.3101433
## FALSE_4863 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_4864 -0.2873720076 -5.238421e-01 1.4498300342 -0.3101433
## FALSE_4865 -0.1746003367 -2.586773e-01 -0.3188628891 3.6974335
## FALSE_4866 -0.4506018761 1.839229e-01 -0.3188628891 0.6917509
## FALSE_4867 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_4868 -0.2471923416 -4.113965e-01 0.3289768894 0.6917509
## FALSE_4869 -0.3638007063 -5.675588e-01 0.0108685361 1.6936451
## FALSE_4870 1.5326411345 1.193490e+00 -0.3188628891 1.6936451
## FALSE_4871 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4872 0.3757493783 2.740628e-01 -0.3188628891 -0.3101433
## TRUE_4873 -0.4506018761 -5.044180e-01 2.6053114294 -0.3101433
## FALSE_4874 -0.3200179725 -4.618792e-01 -0.3188628891 3.6974335
## FALSE_4875 -0.2669682713 -1.638791e-02 -0.3188628891 1.6936451
## TRUE_4876 0.0133146269 2.408534e-01 0.2916836872 -0.3101433
## TRUE_4877 -0.4506018761 -7.704993e-01 1.3206654009 -0.3101433
## FALSE_4878 -0.0499467264 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_4879 -0.3568315242 -7.826834e-01 -0.3188628891 -0.3101433
## FALSE_4880 -0.4506018761 -5.561729e-01 0.2889067054 -0.3101433
## FALSE_4881 -0.3456683782 -6.846288e-01 -0.3188628891 -0.3101433
## FALSE_4882 -0.4506018761 -6.089959e-01 -0.2633070868 -0.3101433
## FALSE_4883 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4884 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## TRUE_4885 -0.2424837922 -6.709935e-01 0.7870478417 -0.3101433
## FALSE_4886 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## FALSE_4887 -0.4090244644 -5.856580e-01 -0.2478619698 -0.3101433
## FALSE_4888 1.0184670280 1.265601e+00 -0.3188628891 2.6955393
## FALSE_4889 -0.0980253409 2.848796e-01 -0.3188628891 1.6936451
## FALSE_4890 -0.4506018761 -2.231604e-01 -0.3188628891 -0.3101433
## FALSE_4891 0.1347302625 3.980051e-01 -0.3188628891 3.6974335
## TRUE_4892 -0.2617215799 -3.550105e-01 -0.0218035165 2.6955393
## FALSE_4893 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_4894 -0.4506018761 -6.961517e-03 -0.3188628891 -0.3101433
## FALSE_4895 0.3559457493 3.029985e-01 -0.1282498644 -0.3101433
## FALSE_4896 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4897 -0.4506018761 -8.857370e-01 -0.3188628891 -0.3101433
## FALSE_4898 -0.4506018761 -3.130645e-01 3.3132275411 -0.3101433
## FALSE_4899 -0.1567881041 4.002586e-01 -0.3188628891 4.6993277
## FALSE_4900 -0.4506018761 -7.283560e-01 -0.3188628891 -0.3101433
## FALSE_4901 0.0740655912 5.444825e-01 -0.3188628891 4.6993277
## FALSE_4902 1.2021006327 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4903 -0.2589841977 -5.697550e-01 -0.3188628891 -0.3101433
## FALSE_4904 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_4905 1.3122808000 1.121378e+00 -0.3188628891 1.6936451
## FALSE_4906 -0.2387169306 -3.603833e-01 -0.3188628891 -0.3101433
## TRUE_4907 -0.0980253409 -3.569164e-01 1.3071063316 2.6955393
## FALSE_4908 -0.3624577423 6.046900e-03 -0.3188628891 -0.3101433
## FALSE_4909 -0.3526639594 -5.606213e-01 -0.3188628891 -0.3101433
## FALSE_4910 1.7530014690 2.707840e+00 -0.3188628891 2.6955393

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## FALSE_4911 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_4912 1.0184670280 1.025228e+00 -0.3188628891 3.6974335
## FALSE_4913 -0.4506018761 -6.865708e-01 -0.3188628891 -0.3101433
## FALSE_4914 -0.1358014045 4.414654e-01 -0.3188628891 2.6955393
## FALSE_4915 -0.2302415416 -6.846875e-02 -0.3188628891 -0.3101433
## FALSE_4916 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4917 -0.3838260178 -6.355305e-01 0.3229511596 -0.3101433
## TRUE_4918 -0.4506018761 -3.241279e-02 0.6071860902 -0.3101433
## FALSE_4919 -0.0980253409 -2.054814e-01 0.8390844032 -0.3101433
## FALSE_4920 -0.1358014045 2.354314e-01 -0.3188628891 2.6955393
## FALSE_4921 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_4922 -0.3504380776 -3.789245e-01 0.0704091647 -0.3101433
## FALSE_4923 1.7530014690 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4924 -0.0673665194 1.447317e-01 0.6305887121 -0.3101433
## FALSE_4925 -0.3929913330 -3.069249e-03 -0.3188628891 1.6936451
## FALSE_4926 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4927 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_4928 -0.4506018761 -8.231571e-01 1.3367929071 0.6917509
## FALSE_4929 -0.3281794582 -3.769474e-01 -0.3188628891 -0.3101433
## TRUE_4930 -0.4506018761 -8.231571e-01 3.9771112704 -0.3101433
## FALSE_4931 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4932 -0.4506018761 -5.371961e-01 -0.3188628891 2.6955393
## FALSE_4933 -0.4506018761 -1.766366e-01 -0.3188628891 2.6955393
## FALSE_4934 -0.2270479033 -4.483626e-01 -0.3188628891 1.6936451
## FALSE_4935 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_4936 -0.2743136085 -2.920156e-01 -0.3188628891 -0.3101433
## TRUE_4937 -0.4506018761 -7.174759e-01 1.1912402870 -0.3101433
## FALSE_4938 -0.1913544211 2.485255e-02 -0.3188628891 -0.3101433
## FALSE_4939 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4940 -0.4506018761 -6.136784e-01 -0.3188628891 0.6917509
## FALSE_4941 -0.2433200376 -1.624733e-01 -0.0069965505 -0.3101433
## FALSE_4942 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4943 -0.4506018761 -5.071495e-01 -0.3188628891 -0.3101433
## FALSE_4944 0.0284423198 7.418741e-02 -0.3188628891 3.6974335
## FALSE_4945 -0.0833346446 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4946 0.5042928994 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_4947 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4948 -0.4506018761 -6.333453e-01 -0.3188628891 -0.3101433
## FALSE_4949 -0.4506018761 -4.434506e-01 -0.3188628891 -0.3101433
## TRUE_4950 -0.1567881041 -5.371961e-01 1.0476041405 2.6955393
## FALSE_4951 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_4952 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_4953 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_4954 -0.2777702468 -5.159867e-01 0.1597986252 -0.3101433
## TRUE_4955 -0.4506018761 -2.796536e-01 2.0705317319 2.6955393
## FALSE_4956 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_4957 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_4958 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_4959 -0.1228016212 -2.124223e-01 -0.1319762423 -0.3101433
## FALSE_4960 -0.4223505574 -5.891048e-01 -0.1102600301 -0.3101433
## TRUE_4961 -0.4506018761 -4.650842e-01 0.9003620096 -0.3101433
## FALSE_4962 -0.4167002760 -6.504572e-01 2.6118854887 -0.3101433
## FALSE_4963 -0.1484657774 2.948438e-01 -0.2407402938 4.6993277
## TRUE_4964 -0.4506018761 -4.856876e-01 0.4312891178 -0.3101433

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## FALSE_4965 -0.2810939197 -2.321073e-01 -0.3188628891 0.6917509
## TRUE_4966 -0.4506018761 -8.468531e-01 2.4483378790 -0.3101433
## FALSE_4967 -0.4506018761 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_4968 0.1002989602 -5.645009e-02 -0.3188628891 2.6955393
## FALSE_4969 -0.4289979252 -7.841339e-01 -0.3188628891 -0.3101433
## FALSE_4970 -0.3963259357 -4.854651e-01 0.3487665068 -0.3101433
## FALSE_4971 -0.4506018761 -8.914300e-01 -0.3188628891 -0.3101433
## FALSE_4972 0.5899885875 6.386286e-01 -0.3188628891 3.6974335
## FALSE_4973 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4974 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_4975 -0.4046934804 -5.993579e-01 0.0424538165 -0.3101433
## FALSE_4976 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4977 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4978 0.0678930338 7.565763e-01 -0.3188628891 -0.3101433
## FALSE_4979 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4980 -0.3375965792 -6.869670e-01 -0.3188628891 1.6936451
## FALSE_4981 -0.1943689285 -1.954875e-01 -0.3188628891 -0.3101433
## FALSE_4982 -0.3885285514 -7.318644e-01 -0.3188628891 -0.3101433
## FALSE_4983 -0.2186436246 -1.386830e-01 -0.3188628891 4.6993277
## FALSE_4984 -0.1115859853 -1.489012e-01 -0.3188628891 -0.3101433
## FALSE_4985 -0.2186436246 -4.423120e-01 -0.3188628891 -0.3101433
## TRUE_4986 -0.4506018761 -7.775691e-01 0.5563561570 -0.3101433
## FALSE_4987 0.0562268933 3.121535e-02 1.4566648718 3.6974335
## FALSE_4988 0.0314363557 -4.376851e-02 -0.1406295968 1.6936451
## FALSE_4989 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_4990 0.1789990891 4.929739e-01 -0.3188628891 0.6917509
## FALSE_4991 -0.4506018761 -5.371961e-01 -0.3188628891 1.6936451
## FALSE_4992 -0.4506018761 -3.241279e-02 -0.3188628891 2.6955393
## FALSE_4993 -0.2356161742 -4.404606e-01 -0.3188628891 2.6955393
## FALSE_4994 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4995 -0.4506018761 -7.375070e-01 -0.3188628891 3.6974335
## FALSE_4996 -0.1210030842 -3.598660e-01 -0.3188628891 1.6936451
## TRUE_4997 -0.4506018761 -8.190881e-01 0.3239407034 4.6993277
## FALSE_4998 0.4308394619 4.002586e-01 -0.3188628891 2.6955393
## FALSE_4999 -0.4506018761 5.444825e-01 -0.3188628891 1.6936451
## FALSE_5000 -0.4506018761 -4.650842e-01 -0.3188628891 3.6974335
## FALSE_5001 -0.2456155092 -4.785004e-01 1.0163670313 0.6917509
## FALSE_5002 -0.2932016403 1.066602e-01 -0.3188628891 -0.3101433
## FALSE_5003 0.0390877513 3.041094e-01 -0.3188628891 1.6936451
## FALSE_5004 -0.3652322552 -3.923612e-01 1.1255643838 -0.3101433
## FALSE_5005 0.2431250923 -4.915230e-01 -0.3188628891 -0.3101433
## FALSE_5006 0.5287773786 5.444825e-01 -0.3188628891 1.6936451
## FALSE_5007 -0.1680886228 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5008 -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
## FALSE_5009 0.2869306775 2.804225e-01 0.3880753020 3.6974335
## FALSE_5010 -0.3754790328 -5.453906e-01 -0.3188628891 0.6917509
## TRUE_5011 -0.1115859853 -3.985194e-01 3.5697432998 -0.3101433
## FALSE_5012 -0.4506018761 -5.474978e-01 -0.3188628891 2.6955393
## FALSE_5013 -0.0098812071 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_5014 -0.1963399415 -5.926668e-01 -0.3188628891 -0.3101433
## FALSE_5015 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_5016 -0.0098812071 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_5017 -0.3926123132 -4.423120e-01 -0.3188628891 -0.3101433
## FALSE_5018 -0.4506018761 -5.466020e-01 0.6435178452 -0.3101433

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## FALSE_5019 0.1580123895 -1.157094e-01 -0.3188628891 -0.3101433
## FALSE_5020 -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_5021 0.7889250055 1.094336e+00 -0.3188628891 0.6917509
## FALSE_5022 -0.4506018761 -1.251281e-01 -0.3188628891 1.6936451
## FALSE_5023 -0.4506018761 -3.379639e-01 0.3179842224 4.6993277
## FALSE_5024 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5025 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5026 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5027 0.7834159972 1.063688e+00 -0.3188628891 3.6974335
## FALSE_5028 -0.4506018761 -3.882693e-01 -0.3188628891 -0.3101433
## TRUE_5029 -0.4506018761 -5.772583e-01 0.7608174121 -0.3101433
## FALSE_5030 1.0184670280 5.444825e-01 -0.3188628891 3.6974335
## FALSE_5031 -0.3281794582 -5.567503e-01 -0.3188628891 -0.3101433
## FALSE_5032 -0.0308679066 -6.413258e-03 -0.3188628891 3.6974335
## FALSE_5033 0.3363993249 1.066602e-01 -0.3188628891 -0.3101433
## FALSE_5034 -0.2302415416 -4.831122e-01 -0.3188628891 -0.3101433
## FALSE_5035 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5036 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5037 -0.0374262489 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_5038 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_5039 -0.0054294876 1.784702e-02 -0.0135407694 -0.3101433
## FALSE_5040 -0.3827986979 -7.087719e-01 -0.3188628891 -0.3101433
## FALSE_5041 -0.1200613743 -1.042711e-01 -0.3188628891 0.6917509
## FALSE_5042 -0.0509287182 -2.861300e-01 -0.3188628891 4.6993277
## FALSE_5043 0.2533269605 1.448623e-01 -0.3188628891 0.6917509
## FALSE_5044 -0.0818355993 -1.087295e-01 -0.3188628891 3.6974335
## FALSE_5045 -0.4506018761 -6.827636e-01 -0.3188628891 -0.3101433
## FALSE_5046 -0.2057570624 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_5047 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## FALSE_5048 -0.4506018761 3.384484e-01 -0.3188628891 1.6936451
## FALSE_5049 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5050 -0.0781618840 1.229833e-01 -0.3188628891 2.6955393
## TRUE_5051 -0.4506018761 -7.646920e-01 1.6596946272 2.6955393
## FALSE_5052 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5053 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_5054 -0.4506018761 -7.468237e-01 -0.3188628891 -0.3101433
## FALSE_5055 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_5056 -0.1861694747 -3.352828e-01 -0.3188628891 4.6993277
## FALSE_5057 1.2444776218 9.882480e-01 -0.3188628891 3.6974335
## FALSE_5058 -0.4319272632 -8.121991e-01 2.8514257584 -0.3101433
## FALSE_5059 -0.1358014045 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_5060 -0.4506018761 -7.174759e-01 -0.3188628891 3.6974335
## FALSE_5061 2.8548031415 2.888119e+00 -0.3188628891 2.6955393
## FALSE_5062 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5063 -0.1466565970 -3.457266e-01 -0.3188628891 0.6917509
## FALSE_5064 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_5065 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5066 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5067 -0.4506018761 -8.920626e-01 -0.3188628891 1.6936451
## FALSE_5068 -0.4380098475 -6.061649e-01 -0.1745810130 -0.3101433
## TRUE_5069 -0.4506018761 -3.781257e-01 -0.1520467208 2.6955393
## TRUE_5070 -0.4506018761 -6.093080e-01 0.9003620096 -0.3101433
## FALSE_5071 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## FALSE_5072 -0.4506018761 -7.719791e-01 -0.3188628891 -0.3101433

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## TRUE_5073 -0.1139402490 -2.795389e-03 0.4316689301 -0.3101433
## FALSE_5074 -0.4506018761 -7.603996e-01 -0.3188628891 -0.3101433
## FALSE_5075 3.9566048140 3.428959e+00 -0.3188628891 4.6993277
## FALSE_5076 -0.3246816786 -1.148264e-01 -0.3188628891 4.6993277
## FALSE_5077 -0.4506018761 -4.277171e-01 -0.3188628891 -0.3101433
## FALSE_5078 -0.3325516937 -5.874252e-01 0.1290571122 0.6917509
## FALSE_5079 -0.4506018761 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_5080 -0.3436987975 -5.639185e-01 -0.2779059324 -0.3101433
## FALSE_5081 -0.3848226635 -7.068466e-01 -0.3188628891 -0.3101433
## FALSE_5082 0.4256848371 2.863977e-01 -0.3188628891 3.6974335
## FALSE_5083 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5084 1.7530014690 2.347280e+00 -0.3188628891 3.6974335
## FALSE_5085 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5086 0.6511997965 4.543426e-01 -0.3188628891 2.6955393
## FALSE_5087 -0.2186436246 -4.138468e-01 0.4768954649 -0.3101433
## FALSE_5088 -0.4506018761 -8.649671e-02 -0.3188628891 1.6936451
## FALSE_5089 -0.2470466834 -4.611280e-01 -0.3188628891 3.6974335
## FALSE_5090 0.5510359980 4.133699e-01 -0.3188628891 1.6936451
## FALSE_5091 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## FALSE_5092 0.6511997965 1.265601e+00 -0.3188628891 1.6936451
## FALSE_5093 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## TRUE_5094 -0.4506018761 -5.830855e-01 0.4220946494 -0.3101433
## FALSE_5095 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_5096 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_5097 0.3329015453 1.013210e+00 -0.3188628891 2.6955393
## FALSE_5098 1.7530014690 2.347280e+00 -0.3188628891 2.6955393
## FALSE_5099 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_5100 -0.4506018761 -7.394612e-01 -0.3188628891 -0.3101433
## FALSE_5101 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_5102 -0.3346227503 -4.219797e-01 1.0994457232 -0.3101433
## FALSE_5103 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_5104 0.2452728564 2.180812e-01 -0.3188628891 2.6955393
## FALSE_5105 1.0184670280 1.746348e+00 -0.3188628891 3.6974335
## FALSE_5106 0.6071277296 2.271901e-01 -0.3188628891 -0.3101433
## FALSE_5107 -0.4506018761 -7.361959e-02 -0.3188628891 4.6993277
## FALSE_5108 -0.0532307785 -1.766366e-01 -0.3188628891 4.6993277
## FALSE_5109 -0.2873720076 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_5110 -0.4357126571 -7.398890e-01 -0.3188628891 -0.3101433
## FALSE_5111 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_5112 -0.2589841977 -9.825408e-02 -0.3188628891 -0.3101433
## FALSE_5113 0.0836049901 1.347660e-02 -0.3188628891 -0.3101433
## FALSE_5114 -0.4506018761 -6.573826e-01 -0.3188628891 1.6936451
## FALSE_5115 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## TRUE_5116 -0.4506018761 -7.638335e-01 0.8853597357 -0.3101433
## FALSE_5117 -0.4506018761 -1.638791e-02 -0.3188628891 -0.3101433
## TRUE_5118 -0.3281794582 -6.573826e-01 1.7803830774 -0.3101433
## TRUE_5119 -0.4506018761 -5.649315e-01 0.9352153909 -0.3101433
## FALSE_5120 0.1589054218 1.409626e-01 -0.3188628891 0.6917509
## FALSE_5121 -0.4506018761 -5.583020e-01 -0.3188628891 -0.3101433
## FALSE_5122 -0.4506018761 -5.215196e-01 -0.3188628891 -0.3101433
## FALSE_5123 -0.3817392715 -6.212058e-01 -0.3188628891 -0.3101433
## FALSE_5124 -0.0098812071 2.113689e-01 -0.3188628891 2.6955393
## FALSE_5125 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_5126 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433

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## FALSE_5127 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5128 -0.3876417774 -2.595653e-01 -0.3188628891 4.6993277
## FALSE_5129 -0.4073939743 -5.584055e-01 0.4526301113 -0.3101433
## FALSE_5130 -0.2873720076 1.324144e-01 -0.3188628891 4.6993277
## TRUE_5131 -0.3876417774 -6.230436e-01 0.2641070227 -0.3101433
## TRUE_5132 -0.4506018761 -8.056979e-01 -0.1224175953 3.6974335
## FALSE_5133 -0.3404217088 -6.476175e-01 -0.3188628891 -0.3101433
## TRUE_5134 -0.2810939197 -4.257925e-01 0.8242207766 -0.3101433
## FALSE_5135 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5136 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5137 -0.0098812071 1.118110e-01 0.2813123370 -0.3101433
## FALSE_5138 -0.4506018761 5.444825e-01 -0.3188628891 3.6974335
## FALSE_5139 -0.3209781486 -5.562203e-01 0.0232827145 -0.3101433
## FALSE_5140 -0.3084339162 -6.186128e-01 -0.3188628891 -0.3101433
## TRUE_5141 -0.2932016403 -2.796536e-01 1.2845439378 0.6917509
## FALSE_5142 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_5143 -0.4009711757 -6.748851e-01 -0.1631392052 -0.3101433
## FALSE_5144 -0.2547260207 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_5145 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_5146 -0.4506018761 -5.833298e-01 0.1036929781 -0.3101433
## FALSE_5147 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_5148 -0.3314881907 -4.300027e-01 -0.3188628891 -0.3101433
## FALSE_5149 -0.1987615032 -7.688708e-03 -0.3188628891 -0.3101433
## FALSE_5150 -0.0499467264 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_5151 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_5152 -0.1358014045 2.939742e-02 1.7948606358 -0.3101433
## FALSE_5153 -0.4506018761 2.939742e-02 -0.3188628891 0.6917509
## FALSE_5154 1.2021006327 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5155 2.8548031415 2.527560e+00 -0.3188628891 3.6974335
## FALSE_5156 -0.4506018761 7.247622e-01 -0.3188628891 1.6936451
## FALSE_5157 -0.4506018761 -3.569164e-01 -0.3188628891 2.6955393
## FALSE_5158 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## TRUE_5159 -0.3281794582 -6.573826e-01 1.8726700648 -0.3101433
## FALSE_5160 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5161 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_5162 -0.4506018761 8.558850e-02 -0.3188628891 -0.3101433
## FALSE_5163 0.4329685394 3.929429e-01 -0.2287632071 3.6974335
## FALSE_5164 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_5165 -0.0794686869 -3.262429e-01 -0.3188628891 2.6955393
## FALSE_5166 -0.4506018761 -7.535318e-01 -0.3188628891 3.6974335
## FALSE_5167 -0.4506018761 -2.796536e-01 -0.3188628891 2.6955393
## TRUE_5168 -0.4506018761 -2.105716e-01 1.3840007762 -0.3101433
## FALSE_5169 -0.4506018761 -6.589435e-01 -0.3188628891 -0.3101433
## FALSE_5170 -0.4506018761 -6.814199e-01 3.0520489099 -0.3101433
## FALSE_5171 -0.4506018761 -8.098143e-01 -0.3188628891 -0.3101433
## FALSE_5172 -0.3547930369 -4.117841e-01 -0.3188628891 -0.3101433
## FALSE_5173 -0.4506018761 -8.112214e-01 -0.3188628891 1.6936451
## TRUE_5174 -0.4506018761 -6.519196e-01 0.7113059764 -0.3101433
## FALSE_5175 -0.4506018761 -8.591243e-01 -0.3188628891 -0.3101433
## FALSE_5176 -0.2407348803 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_5177 -0.1177659468 -5.483026e-01 -0.3188628891 -0.3101433
## FALSE_5178 -0.3746155508 -3.457266e-01 -0.3188628891 3.6974335
## FALSE_5179 -0.4506018761 -5.781688e-01 -0.3188628891 0.6917509
## FALSE_5180 -0.2743136085 -1.477918e-01 -0.3188628891 -0.3101433

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## FALSE_5181  2.4875359100  1.986721e+00 -0.3188628891 -0.3101433
## FALSE_5182  0.1789990891  3.384484e-01 -0.3188628891 -0.3101433
## FALSE_5183  0.6511997965  1.265601e+00 -0.3188628891  0.6917509
## FALSE_5184 -0.3375965792 -2.875780e-01 -0.3188628891  1.6936451
## TRUE_5185  -0.4506018761 -5.044180e-01  1.6929035274 -0.3101433
## FALSE_5186 -0.4073939743 -4.541260e-01  0.0726026146 -0.3101433
## FALSE_5187 -0.4506018761 -8.522113e-01 -0.3188628891 -0.3101433
## FALSE_5188 -0.4506018761 -6.902499e-01 -0.3188628891 -0.3101433
## FALSE_5189  3.9566048140  3.428959e+00 -0.3188628891  3.6974335
## FALSE_5190 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_5191 -0.0980253409 -3.594125e-01  0.7168401898 -0.3101433
## FALSE_5192 -0.4506018761 -8.218484e-01 -0.3188628891 -0.3101433
## FALSE_5193 -0.0098812071  3.642027e-01 -0.3188628891  2.6955393
## FALSE_5194 -0.2810939197 -2.820309e-01 -0.3188628891 -0.3101433
## FALSE_5195  3.9566048140  3.428959e+00 -0.3188628891  0.6917509
## FALSE_5196  3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5197 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_5198 -0.4506018761  1.265601e+00 -0.3188628891  0.6917509
## FALSE_5199  0.1002989602  1.136945e-02 -0.3188628891 -0.3101433
## FALSE_5200 -0.1030416676 -2.095518e-01 -0.2564444839  3.6974335
## TRUE_5201  -0.4506018761 -8.036966e-01  0.6127365201 -0.3101433
## FALSE_5202  0.5863879437  5.020637e-01 -0.3188628891 -0.3101433
## FALSE_5203  3.9566048140  3.428959e+00 -0.3188628891  0.6917509
## TRUE_5204  -0.4506018761 -4.170096e-01  2.3293506433 -0.3101433
## FALSE_5205 -0.0706702717 -1.890697e-01 -0.3188628891 -0.3101433
## FALSE_5206  0.6511997965  2.347280e+00 -0.3188628891  0.6917509
## FALSE_5207 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_5208 -0.2001924131  2.494895e-02 -0.3188628891  1.6936451
## FALSE_5209  0.2505446468  1.314779e-01 -0.3188628891 -0.3101433
## TRUE_5210  -0.0673665194 -2.863721e-01  3.3732921758 -0.3101433
## FALSE_5211 -0.1420974078  2.527674e-02 -0.3188628891  1.6936451
## TRUE_5212  -0.4506018761 -8.625791e-01  5.7483718782 -0.3101433
## FALSE_5213  1.7530014690  2.347280e+00 -0.3188628891 -0.3101433
## FALSE_5214  3.9566048140  3.428959e+00 -0.3188628891  1.6936451
## FALSE_5215  1.7530014690  1.806441e+00 -0.3188628891  3.6974335
## FALSE_5216 -0.4506018761 -5.941266e-01 -0.3188628891 -0.3101433
## FALSE_5217 -0.4506018761 -7.874668e-01 -0.3188628891 -0.3101433
## TRUE_5218  -0.4506018761 -4.060836e-01  2.5585737765 -0.3101433
## FALSE_5219 -0.1115859853  2.671290e-01 -0.3188628891 -0.3101433
## FALSE_5220  0.0133146269 -2.482206e-02 -0.3188628891  1.6936451
## FALSE_5221 -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5222 -0.2329620441 -3.502393e-01  0.1362964535 -0.3101433
## FALSE_5223 -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## FALSE_5224 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_5225 -0.4506018761  1.839229e-01 -0.3188628891  3.6974335
## FALSE_5226  1.2021006327  9.951818e-01 -0.3188628891 -0.3101433
## FALSE_5227 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5228  0.4772311078  2.256719e-01 -0.3188628891  4.6993277
## FALSE_5229  0.6511997965  9.705982e-01 -0.3188628891  1.6936451
## FALSE_5230 -0.4506018761  1.839229e-01 -0.3188628891  0.6917509
## FALSE_5231  0.1789990891  3.384484e-01 -0.3188628891  2.6955393
## FALSE_5232 -0.4506018761  3.111792e-01 -0.3188628891 -0.3101433
## FALSE_5233 -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5234  1.7530014690  1.806441e+00 -0.3188628891  2.6955393

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## FALSE_5235 -0.2707158955 -6.609742e-01 -0.3188628891 -0.3101433
## FALSE_5236 -0.4506018761 -5.371961e-01 -0.3188628891 3.6974335
## FALSE_5237 0.2274299275 8.791595e-02 -0.3188628891 2.6955393
## FALSE_5238 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5239 -0.2532910342 3.465753e-01 -0.3188628891 2.6955393
## FALSE_5240 -0.3587850627 -4.515632e-01 -0.3188628891 0.6917509
## TRUE_5241 -0.4333862249 -6.842880e-01 0.0329216720 -0.3101433
## FALSE_5242 -0.3783525756 -5.360140e-01 -0.3188628891 -0.3101433
## FALSE_5243 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5244 -0.2873720076 -1.632825e-01 -0.3188628891 -0.3101433
## FALSE_5245 -0.4506018761 -8.507261e-01 -0.3188628891 -0.3101433
## FALSE_5246 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5247 0.0133146269 1.725861e-01 -0.3188628891 3.6974335
## FALSE_5248 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5249 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5250 -0.4506018761 -7.432301e-01 -0.3188628891 1.6936451
## FALSE_5251 -0.4506018761 5.444825e-01 -0.3188628891 4.6993277
## FALSE_5252 -0.4506018761 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_5253 1.1234005038 1.574653e+00 -0.3188628891 4.6993277
## FALSE_5254 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5255 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_5256 -0.2957301649 -5.314963e-01 -0.2588207527 3.6974335
## FALSE_5257 -0.1000286146 -3.100904e-01 -0.3188628891 3.6974335
## FALSE_5258 0.0215988313 -1.045247e-01 -0.3188628891 1.6936451
## FALSE_5259 0.4308394619 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_5260 -0.4506018761 -2.217065e-01 0.8779016864 -0.3101433
## TRUE_5261 -0.2975738758 -3.597779e-01 1.1527496427 -0.3101433
## FALSE_5262 -0.3492867830 -6.851499e-01 -0.3188628891 -0.3101433
## FALSE_5263 -0.2226429002 -1.517704e-01 -0.3188628891 -0.3101433
## FALSE_5264 -0.2186436246 -2.904975e-01 -0.3188628891 3.6974335
## FALSE_5265 0.8715601310 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5266 -0.0648281887 -2.160138e-01 -0.0583288848 -0.3101433
## FALSE_5267 -0.4506018761 -7.535318e-01 -0.3188628891 1.6936451
## FALSE_5268 -0.1616047182 -2.184626e-01 -0.3188628891 1.6936451
## FALSE_5269 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_5270 -0.1913544211 1.521089e-01 -0.3188628891 1.6936451
## FALSE_5271 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_5272 -0.2057570624 7.848555e-01 -0.3188628891 0.6917509
## FALSE_5273 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5274 -0.4506018761 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_5275 -0.1973141325 -3.583965e-01 -0.3188628891 -0.3101433
## FALSE_5276 -0.2749300004 5.118948e-02 -0.3188628891 -0.3101433
## FALSE_5277 -0.4506018761 -8.021527e-01 -0.3188628891 0.6917509
## FALSE_5278 0.2839325649 1.839229e-01 -0.3188628891 2.6955393
## FALSE_5279 2.8548031415 2.707840e+00 -0.3188628891 1.6936451
## FALSE_5280 -0.4086284769 -2.847035e-01 -0.3188628891 1.6936451
## FALSE_5281 0.1789990891 2.305259e-01 -0.3188628891 2.6955393
## FALSE_5282 0.4767478576 5.012959e-02 -0.3188628891 4.6993277
## FALSE_5283 -0.4506018761 -4.771029e-01 -0.3188628891 -0.3101433
## FALSE_5284 -0.4506018761 -8.797277e-01 -0.3188628891 2.6955393
## FALSE_5285 0.0782629267 2.704572e-01 -0.3188628891 2.6955393
## FALSE_5286 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## TRUE_5287 -0.4506018761 -5.887046e-01 1.3984512991 -0.3101433
## FALSE_5288 -0.1751514579 5.895524e-01 -0.3188628891 -0.3101433

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## FALSE_5289 -0.2853316252 -6.669975e-01 -0.3188628891 -0.3101433
## FALSE_5290 -0.3270353253 -6.008060e-01 0.1139853375 -0.3101433
## FALSE_5291 -0.2921728881 -3.293442e-01 0.0995176959 -0.3101433
## FALSE_5292 -0.4506018761 -8.668505e-01 -0.3188628891 -0.3101433
## FALSE_5293 0.0483271736 1.455787e-01 -0.0232340470 -0.3101433
## FALSE_5294 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## FALSE_5295 -0.0954423652 1.561876e-01 -0.3188628891 4.6993277
## TRUE_5296 -0.4126087134 -4.422526e-01 0.4689806920 -0.3101433
## FALSE_5297 -0.4506018761 -5.779550e-01 -0.3188628891 -0.3101433
## FALSE_5298 -0.3910450224 -6.346446e-01 -0.3188628891 1.6936451
## FALSE_5299 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5300 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5301 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_5302 -0.2743136085 -1.297639e-01 -0.3188628891 2.6955393
## FALSE_5303 -0.3771484386 -3.483316e-01 -0.2206567847 -0.3101433
## FALSE_5304 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5305 -0.3606588748 -4.482269e-01 -0.3188628891 2.6955393
## FALSE_5306 -0.4506018761 -5.516185e-01 -0.3188628891 2.6955393
## TRUE_5307 -0.4506018761 -7.432301e-01 0.9951019260 -0.3101433
## FALSE_5308 1.3122808000 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_5309 -0.4506018761 -3.208604e-01 -0.3188628891 3.6974335
## FALSE_5310 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## TRUE_5311 -0.4506018761 -6.432430e-01 1.4928694919 -0.3101433
## FALSE_5312 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_5313 0.0782629267 1.406558e-01 0.5066582144 -0.3101433
## FALSE_5314 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_5315 -0.4506018761 -3.012745e-01 -0.0417981686 -0.3101433
## TRUE_5316 -0.4506018761 -5.887046e-01 2.3095723071 -0.3101433
## FALSE_5317 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5318 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_5319 -0.4506018761 -7.609917e-01 0.7060983225 2.6955393
## FALSE_5320 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## TRUE_5321 -0.1751514579 -4.142678e-02 0.1143126956 -0.3101433
## FALSE_5322 -0.4506018761 -2.796536e-01 -0.3188628891 3.6974335
## TRUE_5323 -0.4322385222 -6.303407e-01 2.4721771189 -0.3101433
## FALSE_5324 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_5325 -0.3547930369 -3.490781e-01 0.1705531870 -0.3101433
## FALSE_5326 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_5327 1.8448182824 1.956674e+00 -0.3188628891 2.6955393
## FALSE_5328 0.6511997965 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_5329 -0.4276476672 -5.316876e-01 -0.3188628891 -0.3101433
## FALSE_5330 0.0133146269 1.080157e-01 -0.0878484691 -0.3101433
## TRUE_5331 -0.4205527476 -6.519128e-01 0.8619681463 2.6955393
## FALSE_5332 0.0133146269 2.831446e-01 -0.3188628891 4.6993277
## FALSE_5333 0.1002989602 1.839229e-01 -0.3188628891 1.6936451
## FALSE_5334 -0.4506018761 -6.910857e-01 0.6032028972 -0.3101433
## FALSE_5335 0.1701314587 -8.014884e-02 -0.3188628891 3.6974335
## FALSE_5336 2.4875359100 1.986721e+00 -0.3188628891 1.6936451
## FALSE_5337 1.0184670280 9.851663e-01 -0.3188628891 3.6974335
## FALSE_5338 -0.4506018761 -6.846977e-01 -0.3188628891 -0.3101433
## FALSE_5339 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5340 -0.3817392715 -6.617417e-01 -0.3188628891 -0.3101433
## FALSE_5341 -0.4361992348 -3.939397e-01 -0.3188628891 3.6974335
## FALSE_5342 0.6511997965 7.247622e-01 -0.3188628891 3.6974335

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## FALSE_5343 -0.0571012756 -2.114216e-01 -0.3188628891 2.6955393
## TRUE_5344 -0.4506018761 -1.165433e-01 0.6219371136 -0.3101433
## FALSE_5345 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_5346 -0.3058138318 -4.584693e-01 -0.0002479885 1.6936451
## FALSE_5347 -0.4506018761 -1.766366e-01 -0.3188628891 0.6917509
## FALSE_5348 -0.3145769673 -1.766366e-01 -0.3188628891 1.6936451
## FALSE_5349 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_5350 1.3122808000 1.611739e+00 -0.3188628891 -0.3101433
## FALSE_5351 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5352 -0.1115859853 -4.228411e-01 -0.3188628891 -0.3101433
## FALSE_5353 2.3039023052 2.888119e+00 -0.3188628891 3.6974335
## FALSE_5354 -0.4506018761 -7.361255e-01 -0.3188628891 1.6936451
## FALSE_5355 -0.1567881041 -2.775933e-01 0.6894749235 -0.3101433
## TRUE_5356 -0.4506018761 -6.949409e-01 0.2036965379 -0.3101433
## FALSE_5357 0.0153028280 1.385189e-01 -0.3188628891 3.6974335
## TRUE_5358 -0.4506018761 -7.704993e-01 0.9161958536 -0.3101433
## TRUE_5359 -0.4506018761 -3.985194e-01 0.2152476496 -0.3101433
## FALSE_5360 0.4024058612 4.560872e-01 0.0906185043 0.6917509
## FALSE_5361 -0.3456683782 -6.482255e-01 0.1810703525 -0.3101433
## TRUE_5362 -0.1026644988 -4.043584e-01 0.7239502796 -0.3101433
## FALSE_5363 0.2839325649 3.041094e-01 -0.3188628891 -0.3101433
## TRUE_5364 -0.4506018761 -4.744901e-01 1.4349219572 -0.3101433
## FALSE_5365 0.4308394619 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_5366 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5367 -0.4506018761 -8.526857e-01 -0.3188628891 -0.3101433
## FALSE_5368 -0.3653010957 -5.126050e-01 -0.3188628891 -0.3101433
## FALSE_5369 -0.4506018761 -4.560702e-01 -0.3188628891 2.6955393
## FALSE_5370 -0.4506018761 -7.551167e-01 0.0179545311 -0.3101433
## FALSE_5371 0.4308394619 4.002586e-01 -0.3188628891 2.6955393
## FALSE_5372 -0.1115859853 -1.841038e-01 -0.3188628891 -0.3101433
## FALSE_5373 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_5374 -0.2917836215 -2.253609e-01 0.1154638626 3.6974335
## FALSE_5375 1.5693678642 1.217527e+00 -0.3188628891 3.6974335
## FALSE_5376 -0.4506018761 -7.260606e-01 -0.3188628891 -0.3101433
## FALSE_5377 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_5378 -0.4506018761 -8.977556e-01 1.9489162016 -0.3101433
## TRUE_5379 -0.4506018761 -8.028716e-01 1.1861624099 -0.3101433
## FALSE_5380 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_5381 -0.2440140625 -2.217065e-01 0.7443104925 -0.3101433
## FALSE_5382 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_5383 0.3888660628 5.788214e-01 -0.3188628891 -0.3101433
## FALSE_5384 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## TRUE_5385 -0.4506018761 -7.694209e-01 10.6201630186 -0.3101433
## FALSE_5386 0.1115418326 -1.300142e-01 -0.0857127701 -0.3101433
## FALSE_5387 1.2021006327 1.806441e+00 -0.3188628891 -0.3101433
## FALSE_5388 -0.1834984430 -5.481222e-01 -0.3188628891 -0.3101433
## FALSE_5389 -0.3923054835 -6.327730e-01 -0.3188628891 -0.3101433
## FALSE_5390 -0.4506018761 -5.385140e-01 -0.3188628891 -0.3101433
## FALSE_5391 0.0678930338 -7.058968e-02 -0.3188628891 -0.3101433
## FALSE_5392 -0.4506018761 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_5393 -0.4506018761 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_5394 -0.3084339162 -1.703602e-01 -0.3188628891 -0.3101433
## TRUE_5395 -0.4506018761 -3.241279e-02 1.6469634158 -0.3101433
## TRUE_5396 -0.0337039441 3.775014e-02 -0.0438773122 -0.3101433

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## FALSE_5397 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_5398 -0.4506018761 -8.616997e-01 -0.3188628891 -0.3101433
## FALSE_5399 0.5134745874 8.149021e-01 -0.3188628891 -0.3101433
## TRUE_5400 -0.4506018761 -7.313435e-01 3.5698542542 -0.3101433
## TRUE_5401 -0.4506018761 -3.241279e-02 2.2574594863 -0.3101433
## FALSE_5402 0.4243582679 3.854121e-01 -0.3188628891 -0.3101433
## FALSE_5403 0.3507084232 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_5404 -0.2932016403 -3.311621e-01 1.4345487756 -0.3101433
## FALSE_5405 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5406 -0.2810939197 -9.343056e-02 -0.1420850751 -0.3101433
## FALSE_5407 -0.1115859853 -1.607878e-01 -0.3188628891 -0.3101433
## FALSE_5408 1.7530014690 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5409 -0.4506018761 -8.349485e-01 -0.3188628891 -0.3101433
## FALSE_5410 0.8610667922 9.496827e-01 -0.3188628891 -0.3101433
## TRUE_5411 -0.3036949791 -6.477677e-01 -0.3188628891 -0.3101433
## TRUE_5412 -0.4506018761 -8.204929e-01 2.4175900330 -0.3101433
## FALSE_5413 0.1370256900 -3.241279e-02 -0.3188628891 -0.3101433
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## FALSE_5448 -0.4506018761 -8.426540e-01 -0.3188628891 -0.3101433
## FALSE_5449 0.0390877513 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5450 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433

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## FALSE_5455 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_5456 -0.3375965792 -6.758729e-01 -0.3188628891 -0.3101433
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## FALSE_5489 2.4875359100 2.707840e+00 -0.3188628891 -0.3101433
## FALSE_5490 -0.4119421675 -5.954821e-01 0.8961481452 -0.3101433
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## TRUE_5492 -0.2797799110 -5.974399e-01 0.7833053376 -0.3101433
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## FALSE_5494 1.2633118416 1.505975e+00 -0.3188628891 -0.3101433
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## FALSE_5496 -0.0008128725 -3.955929e-01 -0.2126384486 -0.3101433
## FALSE_5497 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_5498 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_5499 1.0184670280 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_5500 0.4308394619 4.002586e-01 0.8042441724 -0.3101433
## TRUE_5501 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5502 -0.4506018761 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_5503 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5504 -0.0162377653 -5.390769e-02 -0.0784105651 -0.3101433

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## FALSE_5508 -0.4506018761 -5.852707e-01 -0.3188628891 -0.3101433
## FALSE_5509 0.7036665344 1.299941e+00 -0.3188628891 -0.3101433
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## FALSE_5511 0.9266502146 1.671231e+00 -0.3188628891 -0.3101433
## FALSE_5512 0.5287773786 1.185477e+00 -0.3188628891 -0.3101433
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## TRUE_5514 1.0184670280 5.444825e-01 -0.3188628891 -0.3101433
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## FALSE_5535 0.3507084232 8.722638e-01 -0.3188628891 -0.3101433
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## FALSE_5537 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5538 0.0461179511 -7.115484e-02 -0.1534378220 -0.3101433
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## FALSE_5542 -0.2421529211 -7.200244e-02 -0.3188628891 -0.3101433
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## FALSE_5558 -0.2547194981 -2.355000e-01 -0.3188628891 -0.3101433

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## TRUE_5572 -0.3689869308 -4.971339e-01 2.0028126201 -0.3101433
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## FALSE_5575 1.0184670280 1.505975e+00 -0.3188628891 -0.3101433
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## FALSE_5582 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_5583 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
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## FALSE_5612 0.6511997965 7.247622e-01 -0.3188628891 -0.3101433

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## FALSE_5613 -0.2743136085 -7.246871e-01 -0.3188628891 -0.3101433
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## FALSE_5622 -0.4506018761 -2.521025e-01 -0.3188628891 -0.3101433
## FALSE_5623 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
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## FALSE_5635 0.6031334781 4.297791e-01 -0.3188628891 -0.3101433
## FALSE_5636 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_5637 -0.0833346446 1.839229e-01 -0.3188628891 -0.3101433
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## FALSE_5642 0.0782629267 -1.807573e-01 -0.3188628891 -0.3101433
## TRUE_5643 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5644 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_5645 -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_5646 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5647 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5648 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5649 -0.4506018761 -8.400661e-01 -0.3188628891 -0.3101433
## FALSE_5650 -0.4506018761 1.839229e-01 0.8659274389 -0.3101433
## FALSE_5651 -0.4506018761 -8.462471e-01 -0.3188628891 -0.3101433
## TRUE_5652 -0.4506018761 1.324144e-01 0.5779745700 -0.3101433
## TRUE_5653 -0.4506018761 -3.097663e-01 -0.3188628891 -0.3101433
## FALSE_5654 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_5655 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_5656 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_5657 -0.3036949791 -6.449812e-01 -0.3188628891 -0.3101433
## FALSE_5658 -0.1121399271 -9.607814e-02 -0.3188628891 -0.3101433
## FALSE_5659 -0.1082945511 4.389981e-02 -0.3188628891 -0.3101433
## FALSE_5660 -0.3795179072 -3.859937e-01 -0.3188628891 -0.3101433
## FALSE_5661 -0.3910450224 -6.911648e-01 -0.3188628891 -0.3101433
## FALSE_5662 0.1479076782 1.051937e+00 -0.3188628891 -0.3101433
## FALSE_5663 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_5664 0.1212856598 -2.154300e-03 -0.3188628891 -0.3101433
## TRUE_5665 -0.4506018761 -8.616997e-01 2.9683399847 -0.3101433
## FALSE_5666 -0.1567881041 -3.241279e-02 -0.3188628891 -0.3101433

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## TRUE_5667      0.2839325649  3.642027e-01  0.4270246715 -0.3101433
## FALSE_5668     0.8086000322  3.384484e-01 -0.3188628891 -0.3101433
## FALSE_5669    -0.4506018761 -8.112214e-01 -0.3188628891 -0.3101433
## FALSE_5670     1.1816968964  1.025228e+00 -0.3188628891 -0.3101433
## FALSE_5671    -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_5672    -0.2903398206 -4.281438e-01 -0.3188628891 -0.3101433
## TRUE_5673     -0.4506018761 -4.245213e-01  0.7517062310 -0.3101433
## FALSE_5674    -0.1751514579 -4.921262e-01 -0.3188628891 -0.3101433
## FALSE_5675    -0.3170501595 -6.093080e-01 -0.3188628891 -0.3101433
## TRUE_5676     -0.4073939743 -6.086010e-01 -0.1044779100 -0.3101433
## FALSE_5677    -0.3346227503 -5.485822e-01  0.7713269441 -0.3101433
## FALSE_5678    -0.2057570624  1.839229e-01  0.0458262641 -0.3101433
## FALSE_5679    -0.3547930369 -5.175621e-01  0.7016943061 -0.3101433
## FALSE_5680    -0.4506018761 -3.009675e-01  0.7305237480 -0.3101433
## FALSE_5681    -0.3526639594 -3.762190e-01  2.2320616359 -0.3101433
## TRUE_5682     -0.4506018761 -5.887046e-01  3.8940850811 -0.3101433
## FALSE_5683    -0.0209685271 -1.004429e-01 -0.3188628891 -0.3101433
## FALSE_5684    -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5685    -0.0833346446 -9.343056e-02 -0.3188628891 -0.3101433
## FALSE_5686    -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5687    -0.4506018761 -8.026990e-01 -0.3188628891 -0.3101433
## FALSE_5688    -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5689     0.3014214849 -1.251281e-01  0.6585077204 -0.3101433
## FALSE_5690     0.0519743355 -9.928348e-02 -0.0403531721 -0.3101433
## TRUE_5691     -0.4506018761 -5.890948e-01 -0.3188628891 -0.3101433
## FALSE_5692     0.1789990891  1.574653e+00 -0.3188628891 -0.3101433
## FALSE_5693    -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_5694    -0.4506018761 -8.752207e-01 12.9124774731 -0.3101433
## FALSE_5695    -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5696    -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_5697     0.2597702526 -6.219179e-02 -0.3188628891 -0.3101433
## FALSE_5698    -0.4506018761 -6.949409e-01 -0.3188628891 -0.3101433
## FALSE_5699    -0.4506018761 -2.054814e-01 -0.3188628891 -0.3101433
## FALSE_5700    -0.4506018761 -5.313806e-01 -0.3188628891 -0.3101433
## FALSE_5701    -0.2363626669 -4.359676e-01 -0.2775218531 -0.3101433
## FALSE_5702    -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_5703    -0.4506018761 -7.459411e-01  2.2175893506 -0.3101433
## TRUE_5704     -0.4506018761 -6.158998e-01 -0.3188628891 -0.3101433
## FALSE_5705     0.0106174384  2.090782e-01 -0.3188628891 -0.3101433
## FALSE_5706    -0.4506018761  4.002586e-01 -0.3188628891 -0.3101433
## TRUE_5707     -0.4506018761 -4.856876e-01  0.0689320172 -0.3101433
## FALSE_5708    -0.2407348803 -5.200266e-01 -0.3188628891 -0.3101433
## FALSE_5709     0.2612617615  2.868861e-01 -0.3188628891 -0.3101433
## FALSE_5710     0.1002989602  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5711    -0.4506018761 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_5712    -0.0240979964 -6.032708e-02 -0.3188628891 -0.3101433
## FALSE_5713    -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_5714    -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_5715    -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5716    -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5717    -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## TRUE_5718     -0.1115859853 -1.045247e-01  0.1111116113 -0.3101433
## FALSE_5719     0.8086000322  8.020250e-01 -0.3188628891 -0.3101433
## FALSE_5720    -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433

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## FALSE_5721    3.5158841450    3.035621e+00 -0.3188628891 -0.3101433
## FALSE_5722   -0.4172139359    2.003223e-02 -0.3188628891 -0.3101433
## FALSE_5723    0.3106429259    2.886113e-01 -0.3188628891 -0.3101433
## TRUE_5724     -0.4506018761   -5.371961e-01  1.4361719614 -0.3101433
## FALSE_5725    -0.4506018761   -8.525391e-01 -0.3188628891 -0.3101433
## FALSE_5726    -0.3404217088   -6.523748e-01 -0.0667353769 -0.3101433
## TRUE_5727     -0.4506018761   -1.477918e-01 -0.3188628891 -0.3101433
## FALSE_5728    -0.1715926606   -3.405139e-01 -0.3188628891 -0.3101433
## FALSE_5729    -0.0499467264   -3.077492e-01 -0.3188628891 -0.3101433
## TRUE_5730     -0.4506018761   -4.971339e-01 -0.3188628891 -0.3101433
## FALSE_5731    -0.4506018761   -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_5732    -0.4506018761   -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5733    -0.2913052413   -4.459702e-01  0.6116949311 -0.3101433
## FALSE_5734    -0.4506018761   -5.247630e-01 -0.3188628891 -0.3101433
## FALSE_5735    -0.4506018761   -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_5736    -0.4506018761   -7.581842e-01 -0.3188628891 -0.3101433
## TRUE_5737     -0.4506018761   -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_5738    -0.4506018761   -4.856876e-01 -0.3188628891 -0.3101433
## FALSE_5739    -0.1316592913   -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_5740    -0.0098812071   -2.631709e-01 -0.3188628891 -0.3101433
## TRUE_5741     0.2839325649    4.242959e-01 -0.3188628891 -0.3101433
## TRUE_5742     -0.4506018761   -8.977556e-01  5.0821031288 -0.3101433
## FALSE_5743    -0.4506018761    1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5744    -0.4506018761   -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_5745    -0.4506018761   -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_5746     0.1503808484    4.789262e-01 -0.3188628891 -0.3101433
## FALSE_5747     1.9533290438    1.855608e+00 -0.3188628891 -0.3101433
## FALSE_5748    -0.2921728881   -1.562872e-01  1.5854824066 -0.3101433
## FALSE_5749    -0.3504380776   -4.729005e-01 -0.3188628891 -0.3101433
## FALSE_5750    -0.4506018761   -8.059422e-01  0.3518161820 -0.3101433
## FALSE_5751     0.2495012627    6.684248e-01 -0.3188628891 -0.3101433
## FALSE_5752     0.0215988313   -9.937384e-02 -0.3188628891 -0.3101433
## FALSE_5753     0.2452728564   -1.352326e-01 -0.3188628891 -0.3101433
## FALSE_5754    -0.1200613743   -4.778004e-01 -0.3188628891 -0.3101433
## FALSE_5755    -0.4506018761   -4.341791e-01 -0.1054774247 -0.3101433
## TRUE_5756     -0.4506018761   -4.341791e-01 -0.3188628891 -0.3101433
## TRUE_5757     -0.4506018761   -3.204076e-01 -0.3188628891 -0.3101433
## FALSE_5758    -0.4506018761   -3.241279e-02  1.1714536798 -0.3101433
## TRUE_5759     -0.0833346446    3.642027e-01 -0.3188628891 -0.3101433
## FALSE_5760     0.6712325561    6.863650e-01 -0.3188628891 -0.3101433
## FALSE_5761    -0.4506018761   -8.359454e-01 -0.3188628891 -0.3101433
## FALSE_5762    -0.1631753586   -3.703534e-01 -0.3188628891 -0.3101433
## FALSE_5763    -0.4506018761   -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_5764     -0.4506018761   -6.144589e-01  0.3130376332 -0.3101433
## FALSE_5765    -0.1913544211   -3.632792e-01 -0.3188628891 -0.3101433
## FALSE_5766    -0.4151741705   -7.760477e-01 -0.3188628891 -0.3101433
## FALSE_5767     1.0184670280    1.986721e+00 -0.3188628891 -0.3101433
## FALSE_5768    -0.1662659563   -4.480255e-01 -0.3188628891 -0.3101433
## FALSE_5769    -0.4506018761   -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_5770     3.9566048140    3.428959e+00 -0.3188628891 -0.3101433
## TRUE_5771     0.4508722216    3.314246e-01  0.1278274194 -0.3101433
## TRUE_5772     -0.4506018761   -7.269643e-01  2.2323502053 -0.3101433
## FALSE_5773    -0.0833346446    3.643173e-03 -0.3188628891 -0.3101433
## FALSE_5774    -0.4506018761   -7.400108e-01 -0.3188628891 -0.3101433

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## FALSE_5775 -0.4506018761 -5.699743e-01 -0.3188628891 -0.3101433
## FALSE_5776 -0.3711927378 -6.599813e-01 -0.3188628891 -0.3101433
## FALSE_5777 -0.4506018761 -5.131588e-01 -0.3188628891 -0.3101433
## FALSE_5778 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_5779 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5780 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5781 -0.2547260207 -3.689350e-01 -0.3188628891 -0.3101433
## FALSE_5782 -0.0477926601 -3.135860e-01 -0.3188628891 -0.3101433
## FALSE_5783 -0.1751514579 -7.915194e-01 -0.3188628891 -0.3101433
## FALSE_5784 -0.2986292255 -2.015028e-01 -0.3188628891 -0.3101433
## FALSE_5785 -0.1504695139 7.730587e-02 -0.3188628891 -0.3101433
## FALSE_5786 -0.1751514579 -3.794513e-01 -0.3188628891 -0.3101433
## FALSE_5787 -0.0571012756 -2.524277e-01 -0.3188628891 -0.3101433
## FALSE_5788 -0.1751514579 2.707953e-02 -0.3188628891 -0.3101433
## FALSE_5789 -0.1751514579 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5790 -0.3955117924 -7.264899e-01 0.5124503831 -0.3101433
## FALSE_5791 -0.4506018761 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_5792 -0.4506018761 -7.361255e-01 -0.3188628891 -0.3101433
## FALSE_5793 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## TRUE_5794 -0.3314881907 -3.715336e-01 -0.2505868624 -0.3101433
## TRUE_5795 -0.4506018761 -8.016064e-01 0.1772970683 -0.3101433
## FALSE_5796 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5797 -0.4506018761 -4.341791e-01 -0.3188628891 -0.3101433
## FALSE_5798 -0.4094130258 -7.505323e-01 6.6036285086 -0.3101433
## FALSE_5799 0.6511997965 5.444825e-01 -0.2267309872 -0.3101433
## FALSE_5800 -0.4468625154 -6.460374e-01 -0.2514245175 -0.3101433
## FALSE_5801 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_5802 -0.2903398206 -3.470829e-01 1.3918054456 -0.3101433
## FALSE_5803 -0.4506018761 -4.781955e-01 -0.3188628891 -0.3101433
## FALSE_5804 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_5805 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5806 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_5807 2.0678019405 1.883704e+00 -0.3188628891 -0.3101433
## FALSE_5808 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_5809 -0.4506018761 -8.129181e-01 -0.3188628891 -0.3101433
## TRUE_5810 -0.2407348803 -3.483316e-01 0.4658872512 -0.3101433
## FALSE_5811 -0.4506018761 -4.854254e-01 -0.3188628891 -0.3101433
## FALSE_5812 0.1795134542 3.666771e-01 -0.3188628891 -0.3101433
## FALSE_5813 -0.2302415416 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5814 -0.2245912822 -2.922005e-01 -0.3188628891 -0.3101433
## FALSE_5815 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5816 -0.0771097736 4.947701e-02 -0.0098110498 -0.3101433
## FALSE_5817 2.7813497040 2.553314e+00 -0.3188628891 -0.3101433
## FALSE_5818 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_5819 0.1789990891 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_5820 -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433
## FALSE_5821 -0.4506018761 -8.163390e-01 -0.3188628891 -0.3101433
## FALSE_5822 -0.2800849558 -6.194213e-01 -0.0172545233 -0.3101433
## FALSE_5823 -0.2278332235 -3.478021e-01 -0.2112982262 -0.3101433
## TRUE_5824 -0.2669682713 -5.404636e-02 -0.3188628891 -0.3101433
## FALSE_5825 1.4382009974 1.471636e+00 -0.3188628891 -0.3101433
## FALSE_5826 0.4308394619 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5827 -0.2057570624 -4.170096e-01 2.3719864720 -0.3101433
## FALSE_5828 2.4875359100 2.148972e+00 -0.3188628891 -0.3101433

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## FALSE_5829 -0.4506018761 -8.190881e-01 -0.3188628891 -0.3101433
## FALSE_5830 -0.4506018761 -6.840907e-01 -0.3188628891 -0.3101433
## FALSE_5831 -0.3036949791 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_5832 0.6022308381 2.239851e-01 -0.3188628891 -0.3101433
## FALSE_5833 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5834 -0.3526639594 -7.655505e-01 -0.3188628891 -0.3101433
## TRUE_5835 -0.3492867830 -4.750307e-01 -0.3188628891 -0.3101433
## FALSE_5836 -0.2407348803 -4.513486e-01 -0.3188628891 -0.3101433
## FALSE_5837 -0.3715227935 -6.273877e-01 0.2945155099 -0.3101433
## FALSE_5838 -0.4506018761 -8.178394e-01 -0.3092204701 -0.3101433
## FALSE_5839 -0.4506018761 -8.056979e-01 -0.3188628891 -0.3101433
## TRUE_5840 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_5841 0.3999116907 8.936559e-01 -0.3188628891 -0.3101433
## FALSE_5842 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_5843 -0.0275100338 1.758480e-02 -0.2685825857 -0.3101433
## FALSE_5844 -0.4506018761 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_5845 3.5158841450 2.810857e+00 -0.3188628891 -0.3101433
## FALSE_5846 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## TRUE_5847 0.0492896194 -2.494454e-01 -0.3117937112 -0.3101433
## FALSE_5848 -0.1751514579 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_5849 0.1363227846 1.767831e-01 -0.3188628891 -0.3101433
## TRUE_5850 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_5851 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_5852 -0.1200613743 -3.102863e-01 -0.3188628891 -0.3101433
## FALSE_5853 0.7889250055 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5854 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5855 -0.4506018761 -7.015688e-01 -0.3188628891 -0.3101433
## FALSE_5856 0.2349636066 3.209355e-01 -0.3188628891 -0.3101433
## FALSE_5857 -0.3568315242 -6.676113e-01 -0.3188628891 -0.3101433
## FALSE_5858 -0.2302415416 -2.740509e-01 1.1563916940 -0.3101433
## FALSE_5859 0.3271404888 1.457581e-01 0.7401062042 -0.3101433
## FALSE_5860 -0.2626977101 -3.845872e-01 -0.3188628891 -0.3101433
## FALSE_5861 -0.1751514579 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5862 -0.4506018761 -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_5863 -0.4506018761 -8.923378e-01 -0.3188628891 -0.3101433
## FALSE_5864 -0.4506018761 -4.501645e-01 -0.3188628891 -0.3101433
## FALSE_5865 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5866 0.5677299681 6.567446e-01 -0.3188628891 -0.3101433
## FALSE_5867 -0.0833346446 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5868 -0.4506018761 -6.924420e-01 -0.3188628891 -0.3101433
## FALSE_5869 -0.2903398206 -7.502540e-01 -0.3188628891 -0.3101433
## FALSE_5870 1.0571267366 1.948767e+00 -0.3188628891 -0.3101433
## FALSE_5871 -0.4506018761 -7.096376e-01 -0.3188628891 -0.3101433
## FALSE_5872 -0.2057570624 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5873 -0.3544128492 -5.606391e-01 -0.3188628891 -0.3101433
## FALSE_5874 -0.1913544211 -2.826835e-01 -0.3188628891 -0.3101433
## FALSE_5875 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5876 3.5158841450 3.140511e+00 -0.3188628891 -0.3101433
## TRUE_5877 -0.3615673984 -7.447910e-01 1.4471097422 -0.3101433
## TRUE_5878 -0.4506018761 -6.719560e-01 0.4175047926 -0.3101433
## FALSE_5879 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_5880 -0.4506018761 -5.732521e-01 -0.3188628891 -0.3101433
## FALSE_5881 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5882 -0.3314881907 -5.469410e-01 -0.3188628891 -0.3101433

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## FALSE_5883 -0.3590235587 -4.519729e-01 -0.3188628891 -0.3101433
## FALSE_5884 -0.1567881041 -5.516185e-01 -0.3188628891 -0.3101433
## FALSE_5885 -0.4506018761 -2.968231e-01 -0.3188628891 -0.3101433
## TRUE_5886 -0.2502743013 -4.060836e-01 1.3965569551 -0.3101433
## TRUE_5887 -0.4506018761 -6.093080e-01 3.9409460325 -0.3101433
## FALSE_5888 -0.1115859853 1.007169e-01 -0.3188628891 -0.3101433
## FALSE_5889 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5890 -0.0617306936 -4.822445e-01 -0.3188628891 -0.3101433
## FALSE_5891 -0.4506018761 -8.576935e-01 -0.3188628891 -0.3101433
## FALSE_5892 -0.1740567298 -4.091005e-01 -0.3188628891 -0.3101433
## FALSE_5893 -0.4506018761 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_5894 -0.1567881041 -2.247112e-01 -0.3188628891 -0.3101433
## FALSE_5895 -0.4506018761 -6.304139e-01 -0.3188628891 -0.3101433
## FALSE_5896 -0.4506018761 -5.106286e-01 -0.3188628891 -0.3101433
## FALSE_5897 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5898 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_5899 -0.4506018761 -6.962103e-01 3.2903007681 -0.3101433
## FALSE_5900 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5901 -0.4506018761 -7.808174e-01 -0.3188628891 -0.3101433
## FALSE_5902 -0.2482301506 -4.018023e-01 1.1855785616 -0.3101433
## TRUE_5903 -0.4506018761 -2.997545e-01 -0.1218700193 -0.3101433
## FALSE_5904 -0.3795179072 -1.550363e-01 0.3878983852 -0.3101433
## TRUE_5905 -0.4506018761 -4.170096e-01 1.4250827602 -0.3101433
## FALSE_5906 0.3206592947 5.516936e-01 -0.3188628891 -0.3101433
## TRUE_5907 0.0390877513 -1.766366e-01 0.9747651694 -0.3101433
## FALSE_5908 0.0202535314 -2.099190e-01 -0.3188628891 -0.3101433
## TRUE_5909 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_5910 -0.3404217088 -1.586086e-01 -0.3188628891 -0.3101433
## TRUE_5911 -0.3795179072 -4.882630e-01 -0.1266095023 -0.3101433
## FALSE_5912 0.8515273713 1.363936e+00 -0.3188628891 -0.3101433
## FALSE_5913 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5914 -0.3689869308 -5.772583e-01 0.2856801268 -0.3101433
## TRUE_5915 0.6920072691 6.700106e-01 1.3923920436 -0.3101433
## FALSE_5916 -0.2057570624 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_5917 -0.4500002924 -3.353345e-01 -0.3188628891 -0.3101433
## FALSE_5918 1.7530014690 2.888119e+00 -0.3188628891 -0.3101433
## TRUE_5919 -0.3526639594 -5.772583e-01 0.6515931442 -0.3101433
## FALSE_5920 -0.1751514579 -5.597311e-01 -0.3188628891 -0.3101433
## FALSE_5921 1.1831040514 1.146244e+00 -0.3188628891 -0.3101433
## FALSE_5922 -0.1115859853 -4.817254e-01 -0.3188628891 -0.3101433
## TRUE_5923 -0.4506018761 -6.803436e-01 2.2572795249 -0.3101433
## FALSE_5924 -0.0728413058 -3.167397e-01 -0.3188628891 -0.3101433
## TRUE_5925 -0.4506018761 3.643173e-03 0.5294384686 -0.3101433
## FALSE_5926 -0.4506018761 -4.099398e-01 0.4245603851 -0.3101433
## FALSE_5927 -0.3145769673 -5.464804e-01 -0.3188628891 -0.3101433
## FALSE_5928 -0.3188249417 -5.575826e-01 0.9955221291 -0.3101433
## FALSE_5929 0.1370256900 -2.237867e-01 -0.3188628891 -0.3101433
## TRUE_5930 -0.4506018761 -6.573826e-01 0.2268398362 -0.3101433
## FALSE_5931 1.1892889930 1.064359e+00 -0.3188628891 -0.3101433
## FALSE_5932 -0.4506018761 -6.662853e-01 -0.2738758469 -0.3101433
## FALSE_5933 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_5934 -0.4506018761 -3.081646e-01 -0.3188628891 -0.3101433
## TRUE_5935 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_5936 -0.3587850627 -6.949409e-01 -0.3188628891 -0.3101433

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## FALSE_5937 -0.2502743013 -4.586810e-01 -0.3188628891 -0.3101433
## FALSE_5938 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_5939 -0.3746155508 -4.004322e-01 -0.3188628891 -0.3101433
## FALSE_5940 -0.3910450224 -6.474901e-01 -0.3188628891 -0.3101433
## FALSE_5941 -0.2373499473 -6.415816e-01 -0.3188628891 -0.3101433
## FALSE_5942 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_5943 0.1292937306 -3.947572e-03 -0.3188628891 -0.3101433
## FALSE_5944 -0.4506018761 -4.949236e-01 0.2861805924 -0.3101433
## FALSE_5945 0.3507084232 2.822574e-01 -0.3188628891 -0.3101433
## TRUE_5946 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_5947 0.2839325649 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_5948 -0.4506018761 -6.432430e-01 3.0838416694 -0.3101433
## FALSE_5949 -0.4506018761 -8.462471e-01 -0.3188628891 -0.3101433
## FALSE_5950 -0.2186436246 -1.007293e-01 -0.3188628891 -0.3101433
## FALSE_5951 -0.4090244644 -5.086673e-01 -0.3119095381 -0.3101433
## FALSE_5952 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_5953 -0.2547260207 1.118110e-01 -0.3188628891 -0.3101433
## FALSE_5954 -0.4506018761 -7.666431e-01 -0.3188628891 -0.3101433
## FALSE_5955 -0.1525299271 -4.239531e-01 -0.3188628891 -0.3101433
## FALSE_5956 0.0215988313 5.628783e-01 -0.3188628891 -0.3101433
## FALSE_5957 -0.4506018761 -5.028571e-01 -0.3188628891 -0.3101433
## FALSE_5958 0.0390877513 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5959 -0.4506018761 -5.471289e-01 0.1761588739 -0.3101433
## FALSE_5960 -0.2186436246 -3.664048e-01 -0.3188628891 -0.3101433
## TRUE_5961 -0.4506018761 -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_5962 -0.4506018761 -1.342178e-01 -0.3188628891 -0.3101433
## FALSE_5963 -0.4506018761 2.560348e-01 -0.3188628891 -0.3101433
## TRUE_5964 -0.4506018761 -7.947386e-01 0.6739252037 -0.3101433
## FALSE_5965 -0.4506018761 -8.050403e-01 -0.3188628891 -0.3101433
## FALSE_5966 -0.4506018761 -7.459411e-01 -0.3188628891 -0.3101433
## FALSE_5967 -0.3024604764 -5.179037e-01 -0.1759642954 -0.3101433
## FALSE_5968 0.4308394619 3.643173e-03 0.4768549486 -0.3101433
## FALSE_5969 0.5410196292 8.870140e-01 -0.3188628891 -0.3101433
## FALSE_5970 1.3122808000 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_5971 -0.4506018761 -7.552089e-01 -0.0950337226 -0.3101433
## TRUE_5972 -0.4506018761 -6.852153e-01 1.2689237987 -0.3101433
## FALSE_5973 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_5974 -0.4506018761 -5.572272e-01 -0.2813201670 -0.3101433
## FALSE_5975 -0.4506018761 -1.766366e-01 3.0889064598 -0.3101433
## FALSE_5976 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_5977 -0.4506018761 -6.446251e-02 -0.3188628891 -0.3101433
## FALSE_5978 -0.1241421172 -4.490593e-01 -0.3188628891 -0.3101433
## FALSE_5979 -0.4506018761 -8.408252e-01 -0.3188628891 -0.3101433
## FALSE_5980 -0.4506018761 -7.144848e-01 0.3553633484 -0.3101433
## TRUE_5981 -0.0673665194 -4.301480e-01 0.3456057325 -0.3101433
## FALSE_5982 1.2963989679 9.372000e-01 -0.3188628891 -0.3101433
## FALSE_5983 -0.2057570624 1.118110e-01 -0.3188628891 -0.3101433
## FALSE_5984 0.5777463590 7.548088e-01 -0.0099360598 -0.3101433
## FALSE_5985 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5986 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_5987 -0.0652773932 -5.446999e-02 -0.0133510712 -0.3101433
## FALSE_5988 -0.4506018761 -7.036082e-01 -0.3188628891 -0.3101433
## FALSE_5989 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5990 -0.0360064011 -8.708482e-02 0.0110753787 -0.3101433

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## FALSE_5991    1.0184670280    1.986721e+00   -0.3188628891   -0.3101433
## FALSE_5992   -0.2669682713    1.839229e-01   -0.3188628891   -0.3101433
## FALSE_5993    0.4896022252    5.307812e-01   -0.2403617909   -0.3101433
## TRUE_5994     -0.4506018761   -8.977556e-01    1.8408752730   -0.3101433
## FALSE_5995   -0.2719313370    2.131575e-01   -0.3188628891   -0.3101433
## FALSE_5996    3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_5997   -0.4506018761   -6.917216e-01    1.0674662868   -0.3101433
## TRUE_5998     -0.4506018761   -8.977556e-01    3.0513658372   -0.3101433
## TRUE_5999     -0.0499467264   -3.896945e-01    0.2103535000   -0.3101433
## TRUE_6000     -0.4506018761    1.839229e-01   -0.3188628891   -0.3101433
## FALSE_6001   -0.4506018761   -6.137457e-01   -0.3188628891   -0.3101433
## FALSE_6002    0.0488815562    3.021865e-01   -0.3188628891   -0.3101433
## FALSE_6003   -0.4506018761   -1.212157e-01    1.1457377188   -0.3101433
## FALSE_6004   -0.4506018761   -8.279699e-01   -0.3188628891   -0.3101433
## FALSE_6005   -0.4506018761    1.839229e-01   -0.3188628891   -0.3101433
## TRUE_6006     -0.3606588748   -6.328548e-01    0.8745131099   -0.3101433
## FALSE_6007    0.2738833845    8.107303e-02   -0.3188628891   -0.3101433
## FALSE_6008   -0.4506018761   -1.766366e-01   -0.3188628891   -0.3101433
## FALSE_6009    1.7530014690    2.347280e+00   -0.3188628891   -0.3101433
## FALSE_6010   -0.4506018761   -6.962665e-01   -0.3188628891   -0.3101433
## FALSE_6011   -0.4506018761   -3.985194e-01   -0.3188628891   -0.3101433
## TRUE_6012     -0.4506018761   -5.371961e-01    1.0172792751   -0.3101433
## TRUE_6013     -0.4506018761   -5.732521e-01   -0.3188628891   -0.3101433
## FALSE_6014    0.6511997965    7.247622e-01   -0.3188628891   -0.3101433
## FALSE_6015   -0.1751514579   -2.667765e-01   -0.3188628891   -0.3101433
## FALSE_6016   -0.2502743013   -6.355305e-01   -0.3188628891   -0.3101433
## FALSE_6017   -0.4073939743   -5.902196e-01   -0.3188628891   -0.3101433
## FALSE_6018   -0.0098812071   -1.405806e-01   -0.3188628891   -0.3101433
## FALSE_6019   -0.2865037438   -2.878731e-01   -0.3188628891   -0.3101433
## FALSE_6020   -0.1751514579   -6.273360e-01   -0.3188628891   -0.3101433
## FALSE_6021   -0.4506018761   -2.321073e-01   -0.3188628891   -0.3101433
## FALSE_6022   -0.4506018761   -6.573826e-01   -0.3188628891   -0.3101433
## FALSE_6023   -0.4506018761   -8.376624e-01   -0.3188628891   -0.3101433
## FALSE_6024   -0.3884312403   -6.291901e-01   -0.2719423057   -0.3101433
## FALSE_6025    0.0258529096   -2.071895e-02   -0.3188628891   -0.3101433
## FALSE_6026   -0.1751514579   -4.921262e-01    0.7124052183   -0.3101433
## FALSE_6027    1.0184670280    1.085322e+00   -0.3188628891   -0.3101433
## FALSE_6028   -0.4506018761   -8.507261e-01   -0.3188628891   -0.3101433
## FALSE_6029   -0.4506018761   -2.321073e-01   -0.3188628891   -0.3101433
## FALSE_6030   -0.4506018761   -6.934754e-01   -0.3188628891   -0.3101433
## TRUE_6031     -0.4506018761   -7.994212e-01    7.9160633439   -0.3101433
## FALSE_6032    0.0502170720   -1.963035e-01    0.3028799150   -0.3101433
## FALSE_6033    0.0053160536   -4.128652e-01   -0.0022650919   -0.3101433
## FALSE_6034   -0.3689869308   -2.166988e-01   -0.3188628891   -0.3101433
## FALSE_6035   -0.0098812071   -3.241279e-02   -0.3188628891   -0.3101433
## FALSE_6036    1.0184670280    1.265601e+00   -0.3188628891   -0.3101433
## FALSE_6037   -0.3498657137   -3.604189e-01    0.4775836593   -0.3101433
## TRUE_6038     -0.4506018761   -8.392865e-01   -0.3188628891   -0.3101433
## FALSE_6039   -0.3209781486   -3.887304e-01   -0.3188628891   -0.3101433
## FALSE_6040   -0.4506018761   -3.241279e-02   -0.3188628891   -0.3101433
## FALSE_6041   -0.2302415416   -5.397715e-01   -0.3188628891   -0.3101433
## FALSE_6042   -0.1567881041   -5.131588e-01   -0.3188628891   -0.3101433
## FALSE_6043   -0.4506018761   -5.887046e-01   -0.3188628891   -0.3101433
## FALSE_6044   -0.0714873237   -3.332668e-01   -0.3188628891   -0.3101433

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## FALSE_6045 -0.4246771218 -5.996646e-01 -0.3188628891 -0.3101433
## FALSE_6046 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## FALSE_6047 0.8086000322 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6048 -0.4126087134 -4.189799e-01 0.5909240741 -0.3101433
## FALSE_6049 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_6050 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_6051 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6052 0.3139135801 3.531651e-01 -0.3188628891 -0.3101433
## FALSE_6053 0.6511997965 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_6054 0.1527656981 -1.637595e-01 -0.3188628891 -0.3101433
## FALSE_6055 1.2021006327 9.951818e-01 -0.3188628891 -0.3101433
## FALSE_6056 -0.4506018761 -2.614741e-01 -0.3188628891 -0.3101433
## FALSE_6057 -0.3709535587 -6.865579e-01 -0.3188628891 -0.3101433
## FALSE_6058 0.3158688593 1.745170e-01 -0.3188628891 -0.3101433
## FALSE_6059 -0.3704708373 -4.100169e-01 -0.3188628891 -0.3101433
## FALSE_6060 0.1527656981 5.874062e-01 -0.3188628891 -0.3101433
## FALSE_6061 0.8807418189 4.800968e-01 -0.3188628891 -0.3101433
## TRUE_6062 -0.4506018761 -3.569164e-01 1.4625699617 -0.3101433
## FALSE_6063 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6064 -0.4506018761 -3.284511e-01 -0.3188628891 -0.3101433
## FALSE_6065 -0.3036949791 -5.477124e-01 -0.3188628891 -0.3101433
## FALSE_6066 -0.0605835859 2.331973e-02 -0.3188628891 -0.3101433
## FALSE_6067 -0.4506018761 -6.481375e-01 -0.3188628891 -0.3101433
## FALSE_6068 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6069 -0.2186436246 -1.690459e-01 -0.3188628891 -0.3101433
## FALSE_6070 -0.4506018761 -6.373515e-01 -0.3188628891 -0.3101433
## FALSE_6071 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6072 -0.4506018761 -6.629727e-01 -0.3188628891 -0.3101433
## FALSE_6073 -0.4310142883 -5.891625e-01 -0.2706850382 -0.3101433
## FALSE_6074 0.0609489068 -1.659670e-01 1.1637982091 -0.3101433
## FALSE_6075 2.2294562546 1.955537e+00 -0.3188628891 -0.3101433
## FALSE_6076 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_6077 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_6078 -0.4506018761 -8.977556e-01 1.7871789312 -0.3101433
## FALSE_6079 -0.4506018761 -4.069941e-01 -0.3188628891 -0.3101433
## TRUE_6080 -0.1088185019 -6.537034e-01 -0.3188628891 -0.3101433
## FALSE_6081 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_6082 -0.1981629384 -3.142865e-01 -0.2003628572 -0.3101433
## FALSE_6083 -0.2118781877 -3.713387e-01 -0.3188628891 -0.3101433
## TRUE_6084 -0.4506018761 -8.771522e-01 2.9297066062 -0.3101433
## FALSE_6085 0.7218281043 3.198261e-01 -0.3188628891 -0.3101433
## FALSE_6086 -0.4434683934 -6.544100e-01 -0.3188628891 -0.3101433
## TRUE_6087 -0.4506018761 -6.277570e-02 -0.1661347161 -0.3101433
## FALSE_6088 -0.3746155508 -4.789313e-01 0.7097465927 -0.3101433
## FALSE_6089 -0.2669682713 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_6090 -0.3358308759 -3.310011e-01 -0.3188628891 -0.3101433
## FALSE_6091 -0.1128415985 -1.074658e-01 -0.3188628891 -0.3101433
## FALSE_6092 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6093 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_6094 -0.4506018761 -3.929723e-01 -0.3188628891 -0.3101433
## FALSE_6095 -0.4506018761 -8.496810e-01 -0.3188628891 -0.3101433
## FALSE_6096 0.0483271736 1.751762e-01 -0.3188628891 -0.3101433
## TRUE_6097 -0.0499467264 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6098 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433

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## FALSE_6099 -0.2893626107 -6.251375e-01 -0.3188628891 -0.3101433
## FALSE_6100 -0.4506018761 -7.868142e-01 -0.3188628891 -0.3101433
## TRUE_6101 -0.4217965935 -7.586048e-01 0.0130064732 -0.3101433
## FALSE_6102 -0.4506018761 -8.576935e-01 -0.3188628891 -0.3101433
## FALSE_6103 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_6104 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6105 -0.0571012756 -3.697935e-01 -0.3188628891 -0.3101433
## FALSE_6106 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6107 -0.4506018761 -6.510570e-01 -0.3188628891 -0.3101433
## FALSE_6108 -0.0571012756 -4.786534e-02 -0.3188628891 -0.3101433
## FALSE_6109 -0.3771484386 -1.225527e-01 -0.3188628891 -0.3101433
## FALSE_6110 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6111 0.0284423198 -2.136649e-01 -0.0353705387 -0.3101433
## FALSE_6112 -0.4506018761 -6.814199e-01 1.8678098771 -0.3101433
## TRUE_6113 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## TRUE_6114 -0.4506018761 -7.704993e-01 -0.0046226708 -0.3101433
## FALSE_6115 -0.1102692221 5.423023e-02 0.1264509318 -0.3101433
## FALSE_6116 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6117 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_6118 -0.3732824589 -6.962399e-01 1.8303779284 -0.3101433
## FALSE_6119 0.1615101691 -5.131588e-01 -0.3188628891 -0.3101433
## FALSE_6120 0.8231121045 6.685047e-01 -0.3188628891 -0.3101433
## FALSE_6121 -0.4506018761 -8.526857e-01 -0.3188628891 -0.3101433
## FALSE_6122 -0.4506018761 -7.704993e-01 1.8493278883 -0.3101433
## FALSE_6123 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_6124 -0.1358014045 -2.796536e-01 2.0883507381 -0.3101433
## FALSE_6125 0.2556812462 1.007169e-01 -0.3188628891 -0.3101433
## TRUE_6126 -0.4506018761 -8.076158e-01 1.7146519569 -0.3101433
## FALSE_6127 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_6128 -0.4506018761 -5.732521e-01 -0.3188628891 -0.3101433
## TRUE_6129 -0.3943157206 -7.363806e-01 0.9184758454 -0.3101433
## FALSE_6130 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6131 -0.3546033067 -2.641652e-01 -0.3188628891 -0.3101433
## TRUE_6132 -0.2873720076 -4.170096e-01 1.7253515101 -0.3101433
## FALSE_6133 0.1239936238 1.260451e-01 -0.3188628891 -0.3101433
## FALSE_6134 -0.0833346446 -3.033475e-01 0.0213399882 -0.3101433
## FALSE_6135 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_6136 -0.3918391129 -4.881600e-01 -0.3188628891 -0.3101433
## TRUE_6137 -0.4506018761 -8.977556e-01 2.6300062163 -0.3101433
## FALSE_6138 -0.4506018761 -3.526745e-01 -0.3188628891 -0.3101433
## FALSE_6139 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_6140 -0.3746155508 -3.071840e-01 -0.3188628891 -0.3101433
## FALSE_6141 -0.2186436246 -2.145902e-01 -0.3188628891 -0.3101433
## FALSE_6142 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_6143 -0.4506018761 -6.515199e-01 2.4847399167 -0.3101433
## FALSE_6144 -0.0673665194 6.791682e-02 -0.3188628891 -0.3101433
## FALSE_6145 -0.4506018761 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_6146 -0.2407348803 -5.028571e-01 -0.3188628891 -0.3101433
## FALSE_6147 0.4308394619 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_6148 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_6149 0.1921157736 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_6150 -0.2256266673 -1.724903e-01 -0.2812165851 -0.3101433
## FALSE_6151 -0.2057570624 1.839229e-01 -0.0878853892 -0.3101433
## TRUE_6152 -0.4506018761 -8.659416e-01 2.6259324373 -0.3101433

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## FALSE_6153 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_6154 2.0284518871 2.257140e+00 -0.3188628891 -0.3101433
## FALSE_6155 0.2839325649 4.435258e-01 -0.3188628891 -0.3101433
## FALSE_6156 -0.4506018761 -7.689844e-01 1.2001475501 -0.3101433
## FALSE_6157 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6158 -0.2186436246 -4.853262e-01 -0.3188628891 -0.3101433
## TRUE_6159 -0.4506018761 -6.876009e-01 1.7951590408 -0.3101433
## TRUE_6160 -0.4506018761 -7.313435e-01 1.9494979614 -0.3101433
## FALSE_6161 0.1921157736 2.550333e-01 -0.2061604446 -0.3101433
## TRUE_6162 -0.3286751147 -5.394740e-01 -0.0998792003 -0.3101433
## TRUE_6163 -0.4506018761 -6.573826e-01 1.5444649855 -0.3101433
## TRUE_6164 -0.4506018761 -8.977556e-01 1.1661596737 -0.3101433
## FALSE_6165 -0.0374262489 -5.269426e-02 -0.3188628891 -0.3101433
## TRUE_6166 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_6167 -0.1751514579 -1.315666e-01 -0.3188628891 -0.3101433
## TRUE_6168 -0.3606588748 -8.020970e-01 0.0866654289 -0.3101433
## FALSE_6169 -0.0732031375 -4.271120e-01 -0.2769902612 -0.3101433
## TRUE_6170 -0.1358014045 -9.937384e-02 0.4100661041 -0.3101433
## FALSE_6171 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6172 0.1572887042 4.947501e-01 -0.3188628891 -0.3101433
## FALSE_6173 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_6174 -0.1751514579 -5.259286e-01 -0.3188628891 -0.3101433
## FALSE_6175 0.2104791274 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6176 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6177 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_6178 -0.4506018761 -8.977556e-01 2.8406860268 -0.3101433
## FALSE_6179 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_6180 0.0782629267 1.406558e-01 -0.3188628891 -0.3101433
## FALSE_6181 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6182 -0.4506018761 -8.231571e-01 -0.3188628891 -0.3101433
## FALSE_6183 -0.3447230324 -6.414660e-01 -0.3188628891 -0.3101433
## FALSE_6184 -0.2407348803 -6.917216e-01 1.5322383540 -0.3101433
## FALSE_6185 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6186 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6187 -0.3170501595 -3.896945e-01 1.7948203726 -0.3101433
## FALSE_6188 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6189 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_6190 -0.1241421172 -5.772583e-01 -0.1858825129 -0.3101433
## TRUE_6191 -0.4506018761 -6.273360e-01 0.7337258574 -0.3101433
## TRUE_6192 -0.3025986644 -6.973198e-01 -0.3107035818 -0.3101433
## FALSE_6193 -0.1115859853 2.790155e-01 -0.3188628891 -0.3101433
## FALSE_6194 -0.2827082795 -4.479147e-01 -0.3188628891 -0.3101433
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## FALSE_6196 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_6197 -0.4506018761 -7.375070e-01 4.7223748574 -0.3101433
## FALSE_6198 -0.4506018761 -8.449908e-01 -0.3188628891 -0.3101433
## FALSE_6199 -0.3902291823 -6.085397e-01 -0.2712217505 -0.3101433
## FALSE_6200 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6201 -0.4506018761 5.444825e-01 0.1127606204 -0.3101433
## FALSE_6202 -0.4506018761 -2.393426e-01 -0.3188628891 -0.3101433
## TRUE_6203 -0.4506018761 -1.612936e-01 0.0671420625 -0.3101433
## FALSE_6204 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_6205 -0.3981351382 -6.435580e-01 -0.3188628891 -0.3101433
## FALSE_6206 -0.3547930369 -5.165927e-01 -0.3188628891 -0.3101433

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## FALSE_6207 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6208 -0.1358014045 -1.251281e-01 -0.3188628891 -0.3101433
## FALSE_6209 -0.3578185843 -6.298030e-01 -0.1488627625 -0.3101433
## FALSE_6210 -0.4506018761 -6.917216e-01 1.4363391686 -0.3101433
## TRUE_6211 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6212 2.4875359100 1.986721e+00 -0.3188628891 -0.3101433
## TRUE_6213 -0.0098812071 2.848796e-01 0.7763912203 -0.3101433
## TRUE_6214 0.0543905645 -4.222678e-01 -0.1492026176 -0.3101433
## FALSE_6215 1.1234005038 1.337713e+00 -0.3188628891 -0.3101433
## FALSE_6216 -0.4506018761 -6.264904e-01 0.2284840937 -0.3101433
## FALSE_6217 -0.3853937494 -5.038107e-01 -0.3188628891 -0.3101433
## FALSE_6218 -0.4506018761 -1.285620e-01 -0.3188628891 -0.3101433
## FALSE_6219 -0.3061032972 -5.785718e-01 -0.3188628891 -0.3101433
## FALSE_6220 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_6221 -0.4506018761 -7.868142e-01 -0.3188628891 -0.3101433
## FALSE_6222 -0.4506018761 -6.962121e-01 -0.1820692221 -0.3101433
## TRUE_6223 -0.4506018761 6.373641e-02 0.6353305833 -0.3101433
## FALSE_6224 -0.3511665228 -4.716107e-01 -0.3188628891 -0.3101433
## FALSE_6225 -0.4506018761 -5.500732e-01 0.0698197535 -0.3101433
## FALSE_6226 -0.4506018761 4.543426e-01 0.2857341469 -0.3101433
## TRUE_6227 -0.4506018761 -8.123600e-01 0.9224932628 -0.3101433
## TRUE_6228 -0.0098812071 -4.650842e-01 4.4207521958 -0.3101433
## FALSE_6229 0.0168291318 1.988221e-01 -0.3188628891 -0.3101433
## TRUE_6230 -0.1751514579 4.543426e-01 -0.3188628891 -0.3101433
## TRUE_6231 -0.1861694747 1.622894e-01 -0.3188628891 -0.3101433
## FALSE_6232 -0.4506018761 -8.000811e-01 -0.3188628891 -0.3101433
## TRUE_6233 -0.4506018761 -7.814461e-01 2.9007707242 -0.3101433
## TRUE_6234 -0.0833346446 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_6235 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6236 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_6237 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## TRUE_6238 -0.4506018761 -5.215196e-01 1.2923937558 -0.3101433
## TRUE_6239 -0.4506018761 -5.649315e-01 1.8613355248 -0.3101433
## FALSE_6240 -0.2589841977 -7.096376e-01 -0.3188628891 -0.3101433
## FALSE_6241 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6242 2.3539841934 2.183389e+00 -0.3188628891 -0.3101433
## FALSE_6243 -0.2764446031 -3.082960e-01 -0.2088397684 -0.3101433
## FALSE_6244 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6245 0.8086000322 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_6246 -0.4506018761 -5.455812e-01 -0.3188628891 -0.3101433
## FALSE_6247 0.4088034285 5.906996e-01 -0.1659350062 -0.3101433
## FALSE_6248 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_6249 -0.4506018761 -7.300535e-01 -0.0160141161 -0.3101433
## TRUE_6250 -0.4506018761 -2.796536e-01 0.7919830703 -0.3101433
## FALSE_6251 -0.4506018761 -4.734563e-01 -0.3188628891 -0.3101433
## TRUE_6252 -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## TRUE_6253 -0.4119421675 -6.980472e-01 -0.3188628891 -0.3101433
## FALSE_6254 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6255 0.7008304969 1.450754e+00 -0.3188628891 -0.3101433
## FALSE_6256 -0.0528783563 1.872898e-01 -0.3188628891 -0.3101433
## FALSE_6257 -0.3152928960 -2.490306e-01 -0.3188628891 -0.3101433
## TRUE_6258 -0.4129334364 -7.577112e-01 -0.0412633833 -0.3101433
## TRUE_6259 -0.3404217088 -2.938184e-01 -0.2802463602 -0.3101433
## FALSE_6260 -0.0728413058 -1.310148e-01 0.1334378536 -0.3101433

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## FALSE_6261 0.2680262729 2.792823e-01 -0.3188628891 -0.3101433
## FALSE_6262 0.2567275832 3.174635e-01 -0.2278704189 -0.3101433
## FALSE_6263 1.4382009974 1.883704e+00 -0.3188628891 -0.3101433
## FALSE_6264 -0.2669682713 -5.645009e-02 -0.3188628891 -0.3101433
## FALSE_6265 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6266 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6267 1.0592745006 1.083986e+00 -0.3188628891 -0.3101433
## FALSE_6268 -0.3084339162 -5.040926e-01 0.7234118994 -0.3101433
## FALSE_6269 -0.4506018761 -5.612334e-01 -0.3188628891 -0.3101433
## FALSE_6270 -0.1751514579 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_6271 -0.4506018761 -7.535318e-01 0.4927362446 -0.3101433
## FALSE_6272 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_6273 1.4139855782 1.321072e+00 -0.3188628891 -0.3101433
## FALSE_6274 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_6275 0.1002989602 4.871311e-02 0.2186677413 -0.3101433
## FALSE_6276 -0.3353364754 -4.907354e-01 -0.3188628891 -0.3101433
## FALSE_6277 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_6278 0.1002989602 -6.546408e-02 -0.3188628891 -0.3101433
## FALSE_6279 -0.4506018761 -8.436717e-01 -0.3188628891 -0.3101433
## FALSE_6280 0.2093007285 -1.305585e-01 -0.1028792510 -0.3101433
## TRUE_6281 -0.4506018761 -4.650842e-01 4.4449857754 -0.3101433
## TRUE_6282 -0.4506018761 -4.142678e-02 -0.3188628891 -0.3101433
## TRUE_6283 -0.3917323262 -6.954346e-01 0.0410004495 -0.3101433
## FALSE_6284 -0.4506018761 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_6285 -0.3281794582 -1.616133e-01 -0.3188628891 -0.3101433
## FALSE_6286 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6287 0.0168291318 1.183667e-01 -0.3188628891 -0.3101433
## FALSE_6288 -0.4223505574 -6.785379e-01 -0.3188628891 -0.3101433
## FALSE_6289 -0.4216071057 -5.719869e-01 -0.3188628891 -0.3101433
## FALSE_6290 2.3039023052 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_6291 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## TRUE_6292 -0.1358014045 -6.053129e-01 1.6937692151 -0.3101433
## FALSE_6293 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6294 -0.4506018761 -4.921262e-01 -0.3188628891 -0.3101433
## TRUE_6295 -0.1751514579 -1.586086e-01 -0.3188628891 -0.3101433
## FALSE_6296 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6297 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_6298 -0.3547930369 -5.999021e-01 -0.3188628891 -0.3101433
## FALSE_6299 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_6300 -0.3918391129 -6.669975e-01 -0.3188628891 -0.3101433
## FALSE_6301 -0.1115859853 -6.569521e-02 -0.3188628891 -0.3101433
## FALSE_6302 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6303 0.6511997965 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6304 -0.4506018761 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_6305 -0.4506018761 -6.840907e-01 -0.3188628891 -0.3101433
## FALSE_6306 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6307 -0.4506018761 -8.977556e-01 2.6742916240 -0.3101433
## TRUE_6308 0.4308394619 9.290793e-01 0.8201413144 -0.3101433
## FALSE_6309 -0.2407348803 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6310 -0.1552578117 -7.173613e-03 -0.0032544600 -0.3101433
## FALSE_6311 -0.4506018761 -5.604580e-01 -0.3188628891 -0.3101433
## TRUE_6312 -0.4506018761 -8.977556e-01 1.5766071620 -0.3101433
## FALSE_6313 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6314 -0.4506018761 4.283442e-02 -0.3188628891 -0.3101433

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## FALSE_6315 -0.4506018761 -8.462471e-01 -0.3188628891 -0.3101433
## FALSE_6316 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## FALSE_6317 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_6318 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_6319 -0.4506018761 -8.977556e-01 4.1749914951 -0.3101433
## FALSE_6320 -0.4506018761 -2.367298e-01 -0.3188628891 -0.3101433
## FALSE_6321 -0.2210598536 -5.161635e-01 -0.3188628891 -0.3101433
## FALSE_6322 -0.1030096713 -3.455897e-02 -0.3188628891 -0.3101433
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## FALSE_6325 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6326 -0.4506018761 3.241405e-01 -0.3188628891 -0.3101433
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## FALSE_6331 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## TRUE_6332 -0.3838260178 -5.944751e-01 0.3350875708 -0.3101433
## FALSE_6333 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
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## FALSE_6357 -0.1685406479 -4.362395e-01 -0.3188628891 -0.3101433
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## FALSE_6359 -0.1466565970 -3.382956e-01 -0.3188628891 -0.3101433
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## TRUE_6362 -0.4506018761 -5.371961e-01 6.3785942741 -0.3101433
## FALSE_6363 -0.4506018761 -6.173205e-01 -0.3188628891 -0.3101433
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## FALSE_6365 -0.3970286869 -6.113152e-01 -0.3188628891 -0.3101433
## FALSE_6366 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6367 -0.4506018761 -4.933019e-01 -0.3188628891 -0.3101433
## FALSE_6368 0.5287773786 1.118110e-01 0.2775080309 -0.3101433

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## FALSE_6369 -0.4506018761 -5.516185e-01 -0.3188628891 -0.3101433
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## FALSE_6371 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_6372 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## TRUE_6373 -0.2151022798 -3.653176e-01 -0.2025346479 -0.3101433
## FALSE_6374 -0.4506018761 -7.280806e-01 -0.3188628891 -0.3101433
## FALSE_6375 -0.4506018761 -7.675095e-01 -0.0363794421 -0.3101433
## FALSE_6376 -0.3209781486 -1.271480e-01 -0.3188628891 -0.3101433
## FALSE_6377 -0.4506018761 -4.032740e-01 -0.3188628891 -0.3101433
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## FALSE_6381 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_6382 -0.4506018761 -8.977556e-01 1.5063805585 -0.3101433
## FALSE_6383 -0.3152928960 -6.753377e-01 -0.1113196877 -0.3101433
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## FALSE_6385 -0.3689869308 -5.015853e-01 -0.3188628891 -0.3101433
## FALSE_6386 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6387 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_6388 -0.4506018761 -8.718593e-01 0.7870011596 -0.3101433
## FALSE_6389 -0.4506018761 -8.707137e-01 -0.3188628891 -0.3101433
## TRUE_6390 -0.4506018761 -3.241279e-02 0.2709109320 -0.3101433
## FALSE_6391 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6392 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_6393 0.6511997965 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_6394 -0.4506018761 -8.119882e-01 0.8801113592 -0.3101433
## FALSE_6395 -0.2688613870 -2.044375e-01 0.2344644959 -0.3101433
## FALSE_6396 2.8548031415 2.347280e+00 -0.3188628891 -0.3101433
## TRUE_6397 0.1469854702 3.358793e-02 0.8468848436 -0.3101433
## TRUE_6398 -0.4506018761 -6.683087e-01 2.5218709981 -0.3101433
## FALSE_6399 0.1002989602 4.871311e-02 -0.3188628891 -0.3101433
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## FALSE_6401 -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
## FALSE_6402 0.7865087765 1.113787e+00 -0.3188628891 -0.3101433
## FALSE_6403 -0.4506018761 -7.073747e-01 -0.3188628891 -0.3101433
## FALSE_6404 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6405 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_6406 0.1002989602 4.543426e-01 -0.3188628891 -0.3101433
## FALSE_6407 0.1002989602 -8.649671e-02 -0.3188628891 -0.3101433
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## FALSE_6412 -0.2932016403 -7.200513e-01 -0.3188628891 -0.3101433
## FALSE_6413 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6414 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_6415 -0.3926123132 -4.549632e-01 0.3086676353 -0.3101433
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## FALSE_6417 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6418 -0.0499467264 7.575507e-02 -0.3188628891 -0.3101433
## FALSE_6419 0.2274299275 -2.409219e-02 -0.3188628891 -0.3101433
## FALSE_6420 -0.4506018761 -2.904975e-01 0.1724646064 -0.3101433
## FALSE_6421 -0.0980253409 -4.218171e-01 -0.3188628891 -0.3101433
## TRUE_6422 -0.4506018761 -8.977556e-01 0.8690471216 -0.3101433

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## FALSE_6423 -0.4506018761 -8.468531e-01 -0.3188628891 -0.3101433
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## FALSE_6425 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## TRUE_6426 -0.4506018761 -8.129181e-01 4.6627136677 -0.3101433
## FALSE_6427 0.1292937306 -1.386830e-01 -0.3188628891 -0.3101433
## FALSE_6428 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6429 -0.0308679066 -3.483316e-01 0.2052899591 -0.3101433
## FALSE_6430 -0.3456683782 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_6431 -0.1751514579 -3.974793e-01 -0.3188628891 -0.3101433
## FALSE_6432 -0.0142994538 -1.010788e-01 -0.3188628891 -0.3101433
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## FALSE_6435 0.1789990891 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_6436 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6437 1.7530014690 1.806441e+00 -0.3188628891 -0.3101433
## FALSE_6438 -0.3012050395 -7.332239e-01 -0.3188628891 -0.3101433
## FALSE_6439 -0.2669682713 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_6440 -0.0262042005 -7.644301e-02 -0.3188628891 -0.3101433
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## FALSE_6445 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6446 -0.2707158955 -1.324864e-01 0.0035400615 -0.3101433
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## FALSE_6451 0.1002989602 -5.732521e-01 -0.3188628891 -0.3101433
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## FALSE_6454 -0.1148147049 5.650859e-01 -0.3188628891 -0.3101433
## FALSE_6455 -0.2880409775 -5.366689e-01 2.1237000342 -0.3101433
## FALSE_6456 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_6457 0.1449665950 -1.229270e-03 -0.3188628891 -0.3101433
## FALSE_6458 0.0579219711 -9.343056e-02 -0.3188628891 -0.3101433
## FALSE_6459 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_6460 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6461 0.1455420219 1.450067e-01 -0.3188628891 -0.3101433
## TRUE_6462 -0.2777702468 -6.452630e-01 0.3252389956 -0.3101433
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## FALSE_6465 0.3888660628 4.082711e-01 -0.3188628891 -0.3101433
## TRUE_6466 -0.3564307990 -3.993999e-01 0.3938252644 -0.3101433
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## TRUE_6468 -0.4506018761 -8.977556e-01 13.5447329847 -0.3101433
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## FALSE_6470 0.9205290893 1.070098e+00 -0.1491166651 -0.3101433
## FALSE_6471 -0.1699542815 -2.725165e-01 -0.3188628891 -0.3101433
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## FALSE_6473 -0.0308679066 -1.422976e-01 -0.3188628891 -0.3101433
## FALSE_6474 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_6475 -0.3867293093 -7.076095e-01 -0.3188628891 -0.3101433
## FALSE_6476 -0.4506018761 -2.968231e-01 -0.3188628891 -0.3101433

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## FALSE_6477 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
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## FALSE_6479 -0.4506018761 -6.402131e-01 -0.3188628891 -0.3101433
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## FALSE_6481 -0.4506018761 -1.110803e-01 -0.3188628891 -0.3101433
## TRUE_6482 -0.2669682713 -7.475225e-01 -0.3188628891 -0.3101433
## FALSE_6483 0.2839325649 -3.749443e-01 -0.3188628891 -0.3101433
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## FALSE_6485 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_6486 0.2338506767 1.167277e-01 -0.3188628891 -0.3101433
## FALSE_6487 -0.2608471460 -4.567371e-01 0.6568578284 -0.3101433
## FALSE_6488 -0.1358014045 -1.517408e-01 0.2770677212 -0.3101433
## TRUE_6489 -0.1495631718 -2.511128e-01 0.1282884047 -0.3101433
## FALSE_6490 -0.4506018761 -2.567609e-01 -0.3188628891 -0.3101433
## FALSE_6491 0.6511997965 8.249176e-01 -0.3188628891 -0.3101433
## FALSE_6492 -0.4346337289 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_6493 -0.4506018761 -8.544885e-01 -0.3188628891 -0.3101433
## FALSE_6494 -0.4506018761 -3.733054e-01 -0.3188628891 -0.3101433
## FALSE_6495 -0.1446898810 5.172573e-01 -0.3188628891 -0.3101433
## FALSE_6496 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6497 -0.3246816786 -5.268944e-01 -0.3188628891 -0.3101433
## FALSE_6498 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
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## FALSE_6500 0.4737059154 6.741304e-01 -0.3188628891 -0.3101433
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## FALSE_6509 -0.1692908206 -5.908965e-01 0.6039595078 -0.3101433
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## FALSE_6511 -0.4506018761 -8.129181e-01 -0.3188628891 -0.3101433
## FALSE_6512 -0.1807728941 -4.385941e-01 -0.3188628891 -0.3101433
## FALSE_6513 -0.4506018761 -8.361215e-01 -0.3188628891 -0.3101433
## FALSE_6514 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
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## FALSE_6516 0.8348334012 9.823047e-01 -0.3188628891 -0.3101433
## FALSE_6517 -0.4254178410 -7.011011e-01 0.6354830942 -0.3101433
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## FALSE_6520 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_6521 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6522 -0.3044641248 -6.051073e-01 0.2254205818 -0.3101433
## FALSE_6523 -0.3036949791 -3.244660e-01 -0.3188628891 -0.3101433
## FALSE_6524 -0.3714305066 -7.305473e-01 -0.1524235620 -0.3101433
## FALSE_6525 -0.0499467264 -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_6526 -0.1631753586 1.431640e-01 0.1428758552 -0.3101433
## FALSE_6527 -0.4506018761 -6.919927e-01 -0.3188628891 -0.3101433
## FALSE_6528 -0.3814411681 -7.004140e-01 -0.0043111814 -0.3101433
## FALSE_6529 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_6530 -0.2810939197 -2.321073e-01 -0.3188628891 -0.3101433

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## FALSE_6531 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6532 0.6511997965 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_6533 -0.4506018761 -7.581842e-01 -0.3188628891 -0.3101433
## TRUE_6534 -0.4506018761 -7.096376e-01 4.3597457889 -0.3101433
## TRUE_6535 -0.4506018761 -7.010868e-01 2.1322125485 -0.3101433
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## TRUE_6538 -0.4506018761 -6.700338e-01 5.2684680461 -0.3101433
## FALSE_6539 0.5287773786 5.602965e-01 -0.3188628891 -0.3101433
## TRUE_6540 -0.3704708373 -6.407750e-01 0.3313333120 -0.3101433
## FALSE_6541 -0.4506018761 -5.732521e-01 -0.3188628891 -0.3101433
## FALSE_6542 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_6543 -0.4506018761 -6.027524e-01 -0.3188628891 -0.3101433
## FALSE_6544 0.0390877513 4.643581e-01 1.2714595650 -0.3101433
## FALSE_6545 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_6546 -0.3314881907 -6.009468e-01 -0.3188628891 -0.3101433
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## FALSE_6550 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
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## FALSE_6582 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_6583 -0.0466079368 -1.532002e-01 -0.3188628891 -0.3101433
## TRUE_6584 -0.2669682713 2.617813e-02 0.6509430975 -0.3101433

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## FALSE_6589 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6590 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6591 -0.4506018761 -7.096376e-01 -0.3188628891 -0.3101433
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## FALSE_6603 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
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## FALSE_6618 -0.2232459824 -4.164813e-01 -0.3188628891 -0.3101433
## FALSE_6619 -0.3504380776 -4.388617e-01 -0.3188628891 -0.3101433
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## FALSE_6622 0.3363993249 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6623 1.7530014690 1.806441e+00 -0.3188628891 -0.3101433
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## TRUE_6632 -0.4506018761 -7.271126e-01 -0.2174157696 -0.3101433
## FALSE_6633 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_6634 -0.1501105028 -3.159437e-01 -0.0351019842 -0.3101433
## FALSE_6635 0.0469859725 4.979586e-01 -0.3188628891 -0.3101433
## FALSE_6636 0.3288207804 3.404515e-01 -0.3188628891 -0.3101433
## FALSE_6637 2.2426910963 1.905523e+00 -0.3188628891 -0.3101433
## FALSE_6638 0.3888660628 -6.331788e-02 -0.3188628891 -0.3101433

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## FALSE_6639 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
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## FALSE_6643 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_6644 -0.4506018761 -8.422849e-01 -0.3188628891 -0.3101433
## FALSE_6645 -0.3209781486 5.666662e-02 -0.3188628891 -0.3101433
## FALSE_6646 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_6647 -0.4506018761 -8.227301e-01 1.3509346720 -0.3101433
## FALSE_6648 -0.1673896177 -9.102873e-02 -0.3188628891 -0.3101433
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## FALSE_6651 0.1789990891 2.939742e-02 -0.3188628891 -0.3101433
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## FALSE_6653 -0.3624577423 -4.362395e-01 0.4815766976 -0.3101433
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## TRUE_6666 0.3507084232 2.822574e-01 -0.3188628891 -0.3101433
## FALSE_6667 -0.2650352705 -3.284511e-01 -0.3188628891 -0.3101433
## FALSE_6668 -0.4506018761 -6.877827e-01 -0.3188628891 -0.3101433
## FALSE_6669 -0.4217965935 -5.237635e-01 0.5470491400 -0.3101433
## FALSE_6670 -0.1413242074 -2.552548e-01 -0.3188628891 -0.3101433
## FALSE_6671 -0.2669682713 -1.916599e-01 -0.3188628891 -0.3101433
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## FALSE_6697 -0.4506018761 -7.868142e-01 -0.3188628891 -0.3101433
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## FALSE_6702 -0.4506018761 -7.947386e-01 1.0502317584 -0.3101433
## FALSE_6703 0.1002989602 -4.110003e-01 -0.3188628891 -0.3101433
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## TRUE_6727 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
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## FALSE_6729 -0.4506018761 -1.211659e-01 -0.3188628891 -0.3101433
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## FALSE_6746 -0.1115859853 -2.681632e-01 0.5036056056 -0.3101433

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## FALSE_6747 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
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## FALSE_6756 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
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## FALSE_6778 -0.1567881041 1.118110e-01 -0.3188628891 -0.3101433
## FALSE_6779 -0.3257310125 -5.544182e-01 0.9796991776 -0.3101433
## FALSE_6780 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6781 -0.4506018761 -7.744565e-01 -0.2728370443 -0.3101433
## FALSE_6782 -0.3128766670 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_6783 -0.3906027812 -4.969377e-01 -0.3188628891 -0.3101433
## TRUE_6784 0.0390877513 -9.078910e-02 -0.0489149118 -0.3101433
## FALSE_6785 -0.4506018761 -8.456259e-01 -0.3188628891 -0.3101433
## FALSE_6786 0.0635722304 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6787 0.2200600202 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6788 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6789 -0.1161263778 -3.816589e-01 -0.0154094465 -0.3101433
## FALSE_6790 -0.0239237796 -3.387989e-01 0.2492757100 -0.3101433
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## FALSE_6794 -0.1404651106 -1.841149e-01 -0.0351959091 -0.3101433
## FALSE_6795 -0.1015703657 -7.996225e-02 -0.3188628891 -0.3101433
## FALSE_6796 -0.4506018761 -8.677090e-01 0.6425453163 -0.3101433
## FALSE_6797 -0.1270569335 -5.001256e-01 -0.3188628891 -0.3101433
## TRUE_6798 -0.3838260178 -6.683087e-01 1.7113022794 -0.3101433
## TRUE_6799 -0.4506018761 -1.766366e-01 -0.0623917315 -0.3101433
## FALSE_6800 0.0390877513 7.047311e-01 -0.3188628891 -0.3101433

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## TRUE_6801 -0.0098812071 -3.241279e-02 0.5096813843 -0.3101433
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## FALSE_6803 -0.4506018761 -7.160336e-01 0.5594306300 -0.3101433
## FALSE_6804 -0.4168301784 -8.098951e-01 -0.3188628891 -0.3101433
## FALSE_6805 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_6806 0.0591869496 -1.902135e-01 -0.0178525573 -0.3101433
## FALSE_6807 -0.1846497376 -4.175396e-01 -0.3188628891 -0.3101433
## TRUE_6808 -0.4506018761 -6.917216e-01 0.5334256938 -0.3101433
## FALSE_6809 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_6810 -0.3156873851 -3.017287e-01 -0.3188628891 -0.3101433
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## TRUE_6815 -0.3209781486 -3.251023e-01 0.0527184633 -0.3101433
## TRUE_6816 -0.4506018761 -8.977556e-01 2.3842131042 -0.3101433
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## FALSE_6819 -0.2824321459 -3.436326e-01 0.6692254237 -0.3101433
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## FALSE_6839 -0.2063470552 -3.402226e-01 -0.2877744374 -0.3101433
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## TRUE_6845 -0.1115859853 -4.188864e-01 0.0202592822 -0.3101433
## FALSE_6846 1.1408894238 4.672197e-01 -0.3188628891 -0.3101433
## FALSE_6847 1.1971375671 1.051215e+00 -0.3188628891 -0.3101433
## FALSE_6848 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_6849 -0.2630611724 -2.286931e-01 0.5718885921 -0.3101433
## FALSE_6850 -0.3279953692 -1.253992e-01 -0.2419053357 -0.3101433
## FALSE_6851 -0.3817392715 -5.175824e-01 -0.3188628891 -0.3101433
## FALSE_6852 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_6853 -0.4506018761 -5.561729e-01 -0.3188628891 -0.3101433
## FALSE_6854 -0.2280156818 -6.413578e-01 -0.3188628891 -0.3101433

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## FALSE_6855 -0.4506018761 1.025228e+00 -0.3188628891 -0.3101433
## FALSE_6856 -0.3718138234 -4.938368e-01 0.3094345979 -0.3101433
## FALSE_6857 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_6858 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## TRUE_6859 -0.4506018761 -6.377732e-01 0.3311568279 -0.3101433
## TRUE_6860 -0.4506018761 -8.462471e-01 2.2188178760 -0.3101433
## FALSE_6861 -0.4445190494 -5.157659e-01 0.9130741569 -0.3101433
## TRUE_6862 -0.1913544211 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6863 0.0854097413 2.911163e-01 -0.3188628891 -0.3101433
## FALSE_6864 -0.4506018761 -5.011402e-01 -0.3188628891 -0.3101433
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## FALSE_6867 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6868 -0.3902291823 -4.631085e-01 -0.3188628891 -0.3101433
## TRUE_6869 -0.4506018761 -7.432301e-01 2.5706338679 -0.3101433
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## FALSE_6872 -0.1466565970 -5.335792e-01 -0.3188628891 -0.3101433
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## FALSE_6886 0.5287773786 8.649798e-01 -0.3188628891 -0.3101433
## FALSE_6887 -0.4506018761 -7.468237e-01 -0.3188628891 -0.3101433
## TRUE_6888 -0.4506018761 -8.819069e-01 3.3445224313 -0.3101433
## FALSE_6889 -0.4506018761 -6.268317e-01 -0.0330789093 -0.3101433
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## FALSE_6891 -0.3918391129 -6.900734e-01 -0.3188628891 -0.3101433
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## FALSE_6893 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
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## FALSE_6896 -0.0833346446 -2.968231e-01 -0.3188628891 -0.3101433
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## FALSE_6898 -0.4506018761 -5.159867e-01 -0.3188628891 -0.3101433
## FALSE_6899 -0.2458878305 -3.473391e-01 0.5910170672 -0.3101433
## FALSE_6900 -0.3346227503 -4.878564e-01 -0.3188628891 -0.3101433
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## FALSE_6902 -0.4506018761 -2.567609e-01 -0.3188628891 -0.3101433
## FALSE_6903 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_6904 -0.1358014045 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6905 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6906 0.3538882449 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6907 -0.1913544211 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6908 -0.1241421172 -2.338683e-01 -0.3188628891 -0.3101433

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## FALSE_6909 -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## FALSE_6910 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6911 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
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## FALSE_6915 -0.2986292255 2.399848e-03 -0.3188628891 -0.3101433
## FALSE_6916 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
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## TRUE_6918 -0.3820453300 -6.080454e-01 -0.1811392760 -0.3101433
## FALSE_6919 0.6511997965 3.642027e-01 -0.3188628891 -0.3101433
## FALSE_6920 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6921 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6922 -0.2810939197 -6.569521e-02 -0.3188628891 -0.3101433
## FALSE_6923 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_6924 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_6925 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6926 0.2839325649 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6927 -0.3568315242 -6.599398e-01 5.7102691805 -0.3101433
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## FALSE_6929 -0.2226429002 -2.711935e-01 -0.3188628891 -0.3101433
## FALSE_6930 -0.3893906671 -1.205496e-01 -0.3188628891 -0.3101433
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## FALSE_6937 -0.4506018761 -7.485586e-01 -0.3188628891 -0.3101433
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## FALSE_6941 -0.1834984430 6.373641e-02 -0.3188628891 -0.3101433
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## FALSE_6961 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_6962 0.6511997965 1.681632e+00 -0.3188628891 -0.3101433

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## FALSE_6963 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6964 -0.3526639594 -4.170096e-01 -0.3188628891 -0.3101433
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## FALSE_6975 -0.3209781486 -7.450481e-01 -0.3188628891 -0.3101433
## FALSE_6976 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
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## FALSE_6979 0.4630873238 2.454819e-01 -0.3188628891 -0.3101433
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## FALSE_6988 -0.4506018761 -6.082924e-01 -0.3188628891 -0.3101433
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## FALSE_6993 -0.4506018761 -7.055070e-01 0.2085588930 -0.3101433
## FALSE_6994 -0.1567881041 -4.290283e-01 -0.3188628891 -0.3101433
## FALSE_6995 -0.0642061555 -6.846875e-02 -0.3188628891 -0.3101433
## FALSE_6996 0.0168291318 3.969808e-01 -0.3188628891 -0.3101433
## FALSE_6997 -0.3658478979 -5.187059e-01 -0.3188628891 -0.3101433
## FALSE_6998 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6999 -0.3003561894 -4.458856e-01 -0.3188628891 -0.3101433
## TRUE_7000 -0.4506018761 -8.361967e-01 4.3625874387 -0.3101433
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## FALSE_7006 -0.4506018761 -6.500856e-01 0.1129166798 -0.3101433
## FALSE_7007 -0.4506018761 -8.700203e-01 -0.3188628891 -0.3101433
## FALSE_7008 -0.2407348803 -4.856876e-01 -0.3188628891 -0.3101433
## TRUE_7009 -0.4506018761 -7.593008e-01 0.5977963962 -0.3101433
## FALSE_7010 -0.2345805688 -5.114350e-01 -0.3188628891 -0.3101433
## FALSE_7011 -0.3587850627 -7.625458e-01 -0.3188628891 -0.3101433
## TRUE_7012 -0.4506018761 -7.174759e-01 0.2276891578 -0.3101433
## FALSE_7013 -0.4506018761 -4.341791e-01 -0.3188628891 -0.3101433
## FALSE_7014 -0.3719017472 -6.305502e-01 -0.3188628891 -0.3101433
## FALSE_7015 0.8456353766 1.138345e+00 -0.3188628891 -0.3101433
## FALSE_7016 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433

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## TRUE_7017 -0.4506018761 -6.949409e-01 1.6492106669 -0.3101433
## TRUE_7018 -0.3624577423 -5.437518e-01 1.4193950058 -0.3101433
## FALSE_7019 -0.3783525756 -2.948528e-01 0.3628520499 -0.3101433
## FALSE_7020 -0.0240979964 9.458644e-03 -0.3188628891 -0.3101433
## FALSE_7021 -0.4506018761 -3.853816e-01 -0.3188628891 -0.3101433
## FALSE_7022 0.4937995607 1.106784e+00 -0.3188628891 -0.3101433
## FALSE_7023 -0.2932016403 -1.895137e-01 0.1129024888 -0.3101433
## FALSE_7024 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_7025 0.0258529096 -2.204884e-01 -0.2969729210 -0.3101433
## TRUE_7026 -0.3568315242 -7.169877e-01 0.4045041533 -0.3101433
## FALSE_7027 -0.4223505574 -2.390411e-01 -0.3188628891 -0.3101433
## FALSE_7028 -0.2520790524 -1.181675e-01 0.4137597276 -0.3101433
## FALSE_7029 -0.3526639594 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_7030 1.5526738942 1.331158e+00 -0.3188628891 -0.3101433
## FALSE_7031 -0.0499467264 -4.552405e-02 -0.3188628891 -0.3101433
## FALSE_7032 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_7033 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_7034 -0.4352457577 -4.077967e-01 -0.3188628891 -0.3101433
## FALSE_7035 0.0111054925 3.140990e-01 -0.3188628891 -0.3101433
## FALSE_7036 0.4150994318 4.286803e-01 -0.3188628891 -0.3101433
## FALSE_7037 -0.4506018761 -7.603996e-01 -0.3188628891 -0.3101433
## FALSE_7038 -0.4506018761 -4.135757e-01 -0.3188628891 -0.3101433
## FALSE_7039 -0.4506018761 -7.689844e-01 -0.3188628891 -0.3101433
## FALSE_7040 -0.3036949791 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_7041 -0.4307220465 -7.124472e-01 -0.2141658310 -0.3101433
## FALSE_7042 -0.3404217088 -4.843999e-01 -0.3188628891 -0.3101433
## FALSE_7043 -0.1567881041 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_7044 -0.3375965792 -6.019119e-01 -0.3188628891 -0.3101433
## FALSE_7045 -0.4506018761 -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_7046 -0.3036949791 -3.929723e-01 -0.3188628891 -0.3101433
## FALSE_7047 0.6511997965 2.354314e-01 -0.3188628891 -0.3101433
## FALSE_7048 -0.1472072113 -1.642255e-01 -0.3188628891 -0.3101433
## FALSE_7049 -0.3481086926 -5.791216e-01 -0.3188628891 -0.3101433
## FALSE_7050 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## TRUE_7051 -0.4506018761 -5.887046e-01 4.0791746253 -0.3101433
## FALSE_7052 -0.3814065935 -3.286069e-02 -0.3188628891 -0.3101433
## FALSE_7053 -0.4506018761 -8.325493e-01 -0.3188628891 -0.3101433
## FALSE_7054 -0.3456683782 -6.729913e-01 -0.3188628891 -0.3101433
## FALSE_7055 -0.4506018761 -5.699743e-01 0.1928124009 -0.3101433
## FALSE_7056 0.6511997965 4.543426e-01 -0.3188628891 -0.3101433
## FALSE_7057 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_7058 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_7059 -0.4506018761 -4.501645e-01 -0.0604681061 -0.3101433
## TRUE_7060 -0.3084339162 -6.248787e-01 1.4726940941 -0.3101433
## FALSE_7061 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_7062 -0.4506018761 -8.977556e-01 1.3820254506 -0.3101433
## FALSE_7063 -0.4506018761 -8.367085e-01 -0.3188628891 -0.3101433
## FALSE_7064 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_7065 0.1202751754 -5.236238e-02 -0.3188628891 -0.3101433
## FALSE_7066 -0.3511912032 -5.058777e-01 -0.3188628891 -0.3101433
## FALSE_7067 -0.1567881041 -1.106824e-01 0.2793653349 -0.3101433
## FALSE_7068 0.2380241693 1.613879e-01 -0.3188628891 -0.3101433
## FALSE_7069 0.2274299275 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_7070 -0.3827986979 -5.593844e-01 -0.3188628891 -0.3101433

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## FALSE_7071 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_7072 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_7073 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_7074 -0.4506018761 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_7075 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_7076 -0.0499467264 2.494792e-01 -0.3188628891 -0.3101433
## TRUE_7077 -0.4506018761 -8.977556e-01 4.2991305227 -0.3101433
## FALSE_7078 -0.1200613743 2.199789e-01 -0.3188628891 -0.3101433
## FALSE_7079 -0.4506018761 -6.393547e-01 -0.2366336136 -0.3101433
## FALSE_7080 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_7081 -0.3431090251 -8.869525e-02 -0.3188628891 -0.3101433
## FALSE_7082 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_7083 -0.3868612831 -7.399381e-01 -0.1704917701 -0.3101433
## FALSE_7084 -0.4506018761 -7.054572e-01 0.9499925849 -0.3101433
## TRUE_7085 -0.4506018761 -5.516185e-01 3.4921857916 -0.3101433
## FALSE_7086 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_7087 -0.3704708373 -5.692250e-01 -0.3188628891 -0.3101433
## FALSE_7088 0.1837687885 4.061119e-01 -0.3188628891 -0.3101433
## TRUE_7089 -0.1662659563 2.188158e-01 0.0284248012 -0.3101433
## FALSE_7090 -0.1384247282 1.779136e-01 -0.3188628891 -0.3101433
## FALSE_7091 0.2200600202 2.623054e-01 -0.3188628891 -0.3101433
## FALSE_7092 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## TRUE_7093 -0.3209781486 -5.371961e-01 -0.0814281194 -0.3101433
## FALSE_7094 -0.4506018761 -7.868142e-01 -0.3188628891 -0.3101433
## FALSE_7095 -0.3246816786 -5.495582e-01 -0.3188628891 -0.3101433
## FALSE_7096 -0.4089261617 -3.067988e-01 -0.3188628891 -0.3101433
## FALSE_7097 0.0678930338 3.545724e-02 -0.2115337597 -0.3101433
## TRUE_7098 -0.4506018761 -2.796536e-01 4.4034208870 -0.3101433
## TRUE_7099 -0.0098812071 4.002586e-01 1.1765748206 -0.3101433
## TRUE_7100 -0.2123744832 -4.007682e-01 1.3832547808 -0.3101433
## FALSE_7101 -0.2001924131 -4.681279e-01 -0.1031299141 -0.3101433
## FALSE_7102 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_7103 0.7513635949 1.511448e-01 -0.3188628891 -0.3101433
## FALSE_7104 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_7105 -0.4506018761 -6.856618e-01 -0.3188628891 -0.3101433
## FALSE_7106 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_7107 0.4192415450 5.349940e-01 -0.3188628891 -0.3101433
## FALSE_7108 -0.2669682713 -2.667765e-01 -0.3188628891 -0.3101433
## TRUE_7109 -0.4506018761 -5.371961e-01 1.6294391769 -0.3101433
## FALSE_7110 -0.0833346446 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_7111 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_7112 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## TRUE_7113 -0.4506018761 -8.679162e-01 -0.3188628891 -0.3101433
## FALSE_7114 0.1449665950 3.132729e-03 -0.3188628891 -0.3101433
## FALSE_7115 -0.1567881041 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_7116 0.2010247215 -1.472602e-01 1.5599773151 -0.3101433
## TRUE_7117 -0.4506018761 -6.871634e-01 2.2941117503 -0.3101433
## FALSE_7118 -0.4352990849 -2.781831e-01 -0.3188628891 -0.3101433
## FALSE_7119 0.1440212491 -7.067128e-02 -0.3188628891 -0.3101433
## TRUE_7120 -0.0980253409 -2.920156e-01 0.6316812005 -0.3101433
## TRUE_7121 -0.3704708373 -1.110803e-01 0.1183787491 -0.3101433
## TRUE_7122 -0.4506018761 -4.921262e-01 -0.0068902065 -0.3101433
## FALSE_7123 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_7124 0.4602208325 5.547841e-01 -0.3188628891 -0.3101433

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## FALSE_7125 -0.1778257289 -3.506972e-01 -0.1267413356 -0.3101433
## FALSE_7126 -0.0499467264 -3.077492e-01 -0.3188628891 -0.3101433
## TRUE_7127 -0.4506018761 -7.375070e-01 1.3190295859 -0.3101433
## FALSE_7128 -0.0288369336 -3.488855e-01 -0.3188628891 -0.3101433
## FALSE_7129 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_7130 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_7131 3.5158841450 3.140511e+00 -0.3188628891 -0.3101433
## FALSE_7132 0.0053160536 -8.960498e-02 -0.3188628891 -0.3101433
## TRUE_7133 -0.4506018761 -7.375070e-01 2.1931847368 -0.3101433
## FALSE_7134 -0.1896488542 -2.953296e-01 -0.3188628891 -0.3101433
## FALSE_7135 0.4308394619 6.165944e-01 -0.3188628891 -0.3101433
## FALSE_7136 -0.4506018761 2.822574e-01 -0.3188628891 -0.3101433
## FALSE_7137 -0.4161705738 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_7138 -0.4506018761 -6.054101e-01 -0.3188628891 -0.3101433
## FALSE_7139 -0.4506018761 1.118110e-01 -0.3188628891 -0.3101433
## FALSE_7140 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_7141 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_7142 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
##
## OperatingSystems Browser Region TrafficType
## FALSE_1 -1.2397535 -0.7940020 -0.89638162 -0.76532357
## FALSE_2 -0.1369978 -0.2091924 -0.89638162 -0.51635945
## FALSE_3 2.0685135 -0.7940020 2.43438017 -0.26739533
## FALSE_4 0.9657579 -0.2091924 -0.48003639 -0.01843121
## FALSE_5 0.9657579 0.3756172 -0.89638162 -0.01843121
## FALSE_6 -0.1369978 -0.2091924 -0.89638162 -0.26739533
## FALSE_7 -0.1369978 0.9604268 -0.06369117 -0.26739533
## FALSE_8 -1.2397535 -0.2091924 -0.89638162 0.23053290
## FALSE_9 -0.1369978 -0.2091924 -0.48003639 -0.26739533
## FALSE_10 -0.1369978 0.9604268 -0.89638162 -0.51635945
## FALSE_11 -1.2397535 -0.7940020 -0.06369117 -0.26739533
## FALSE_12 -1.2397535 -0.7940020 0.35265405 -0.26739533
## FALSE_13 -1.2397535 -0.7940020 -0.89638162 -0.26739533
## FALSE_14 -0.1369978 1.5452363 -0.89638162 -0.26739533
## FALSE_15 0.9657579 -0.2091924 -0.06369117 -0.26739533
## FALSE_16 -1.2397535 -0.7940020 2.43438017 -0.26739533
## FALSE_17 -1.2397535 -0.7940020 0.35265405 -0.26739533
## FALSE_18 -1.2397535 -0.7940020 -0.89638162 -0.01843121
## FALSE_19 -0.1369978 -0.2091924 -0.89638162 -0.26739533
## FALSE_20 -0.1369978 0.9604268 0.35265405 -0.01843121
## FALSE_21 -0.1369978 -0.2091924 0.76899928 -0.76532357
## FALSE_22 0.9657579 0.3756172 -0.89638162 -0.26739533
## FALSE_23 0.9657579 -0.2091924 -0.89638162 0.23053290
## FALSE_24 -0.1369978 0.9604268 -0.89638162 -0.26739533
## FALSE_25 -0.1369978 -0.2091924 0.35265405 -0.76532357
## FALSE_26 -1.2397535 -0.7940020 2.43438017 -0.26739533
## FALSE_27 -0.1369978 -0.2091924 -0.89638162 -0.26739533
## FALSE_28 -1.2397535 -0.7940020 -0.89638162 -0.26739533
## FALSE_29 -0.1369978 2.1300459 -0.89638162 -0.26739533
## FALSE_30 0.9657579 -0.2091924 -0.89638162 -0.76532357
## FALSE_31 -1.2397535 -0.7940020 1.18534450 -0.26739533
## FALSE_32 -1.2397535 -0.2091924 1.18534450 0.47949702
## FALSE_33 -0.1369978 -0.2091924 -0.89638162 -0.76532357
## FALSE_34 -1.2397535 -0.7940020 -0.06369117 -0.76532357
## FALSE_35 -0.1369978 -0.2091924 -0.89638162 -0.76532357

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## FALSE_36	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_37	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_38	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_39	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_40	-0.1369978	1.5452363	-0.89638162	0.47949702
## FALSE_41	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_42	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_43	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_44	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_45	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_46	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_47	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_48	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_49	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_50	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_51	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_52	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_53	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_54	2.0685135	-0.2091924	-0.48003639	-0.26739533
## FALSE_55	0.9657579	0.3756172	-0.89638162	-0.01843121
## FALSE_56	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_57	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_58	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_59	-0.1369978	2.1300459	1.18534450	-0.26739533
## FALSE_60	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_61	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_62	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_63	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_64	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_65	-0.1369978	-0.2091924	0.35265405	-0.26739533
## TRUE_66	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_67	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_68	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_69	-0.1369978	2.7148555	-0.48003639	-0.01843121
## FALSE_70	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_71	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_72	-0.1369978	2.1300459	1.18534450	-0.76532357
## FALSE_73	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_74	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_75	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_76	-0.1369978	0.9604268	-0.89638162	-0.76532357
## TRUE_77	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_78	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_79	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_80	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_81	2.0685135	-0.7940020	-0.89638162	0.23053290
## FALSE_82	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_83	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_84	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_85	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_86	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_87	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_88	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_89	2.0685135	-0.7940020	-0.06369117	-0.26739533

## FALSE_90	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_91	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_92	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_93	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_94	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_95	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_96	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_97	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_98	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_99	-0.1369978	0.9604268	-0.89638162	0.72846114
## FALSE_100	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_101	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_102	-1.2397535	-0.7940020	1.60168972	-0.01843121
## FALSE_103	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_104	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_105	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_106	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_107	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_108	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_109	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_110	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_111	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_112	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_113	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_114	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_115	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_116	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_117	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_118	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_119	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_120	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_121	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_122	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_123	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_124	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_125	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_126	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_127	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_128	-1.2397535	-0.7940020	2.01803495	-0.26739533
## FALSE_129	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_130	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_131	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_132	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_133	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_134	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_135	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_136	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_137	-0.1369978	0.9604268	0.76899928	-0.51635945
## FALSE_138	-0.1369978	0.9604268	-0.89638162	0.23053290
## FALSE_139	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_140	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_141	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_142	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_143	-0.1369978	0.9604268	-0.48003639	-0.26739533

## FALSE_144	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_145	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_146	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_147	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_148	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_149	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_150	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_151	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_152	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_153	-0.1369978	1.5452363	0.76899928	-0.76532357
## FALSE_154	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_155	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_156	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_157	0.9657579	0.3756172	-0.06369117	-0.51635945
## FALSE_158	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_159	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_160	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_161	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_162	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_163	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_164	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_165	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_166	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_167	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_168	-0.1369978	0.9604268	1.18534450	-0.76532357
## FALSE_169	0.9657579	-0.2091924	1.60168972	-0.01843121
## FALSE_170	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_171	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_172	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_173	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_174	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_175	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_176	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_177	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_178	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_179	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_180	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_181	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_182	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_183	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_184	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_185	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_186	0.9657579	-0.2091924	1.18534450	-0.51635945
## TRUE_187	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_188	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_189	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_190	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_191	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_192	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_193	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_194	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_195	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_196	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_197	-0.1369978	-0.2091924	2.43438017	-0.51635945

## TRUE_198	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_199	-0.1369978	-0.2091924	1.60168972	0.97742526
## FALSE_200	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_201	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_202	-1.2397535	-0.2091924	-0.89638162	0.97742526
## FALSE_203	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_204	-0.1369978	-0.2091924	0.76899928	-0.51635945
## TRUE_205	-0.1369978	1.5452363	-0.48003639	-0.26739533
## FALSE_206	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_207	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_208	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_209	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_210	-0.1369978	2.1300459	-0.06369117	-0.76532357
## FALSE_211	0.9657579	-0.2091924	2.01803495	1.72431762
## FALSE_212	-1.2397535	-0.2091924	1.18534450	0.47949702
## FALSE_213	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_214	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_215	-1.2397535	-0.2091924	1.60168972	-0.26739533
## FALSE_216	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_217	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_218	-0.1369978	0.9604268	-0.06369117	1.97328174
## TRUE_219	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_220	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_221	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_222	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_223	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_224	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_225	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_226	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_227	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_228	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_229	-0.1369978	-0.2091924	1.60168972	1.22638938
## FALSE_230	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_231	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_232	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_233	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_234	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_235	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_236	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_237	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_238	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_239	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_240	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_241	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_242	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_243	-0.1369978	4.4692842	-0.89638162	-0.51635945
## FALSE_244	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_245	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_246	0.9657579	0.3756172	-0.89638162	-0.76532357
## TRUE_247	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_248	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_249	0.9657579	-0.2091924	2.43438017	-0.26739533
## FALSE_250	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_251	-1.2397535	-0.7940020	-0.89638162	-0.76532357

## FALSE_252	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_253	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_254	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_255	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_256	-1.2397535	-0.7940020	1.60168972	0.97742526
## FALSE_257	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_258	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_259	5.3767806	-0.7940020	1.18534450	-0.76532357
## FALSE_260	0.9657579	0.3756172	0.76899928	-0.51635945
## TRUE_261	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_262	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_263	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_264	-0.1369978	1.5452363	-0.06369117	-0.76532357
## FALSE_265	-1.2397535	3.2996650	1.60168972	-0.51635945
## FALSE_266	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_267	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_268	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_269	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_270	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_271	-1.2397535	-0.7940020	-0.89638162	0.97742526
## FALSE_272	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_273	-1.2397535	-0.7940020	-0.48003639	1.22638938
## FALSE_274	-0.1369978	1.5452363	1.18534450	-0.76532357
## TRUE_275	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_276	2.0685135	-0.2091924	2.43438017	-0.76532357
## FALSE_277	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_278	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_279	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_280	-0.1369978	-0.2091924	-0.89638162	1.72431762
## FALSE_281	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_282	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_283	0.9657579	3.8844746	2.43438017	-0.51635945
## FALSE_284	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_285	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_286	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_287	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_288	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_289	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_290	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_291	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_292	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## TRUE_293	-0.1369978	-0.2091924	-0.89638162	0.72846114
## TRUE_294	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_295	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_296	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_297	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_298	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_299	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_300	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_301	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_302	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_303	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_304	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_305	-0.1369978	-0.2091924	-0.89638162	-0.26739533

## FALSE_306	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_307	0.9657579	-0.2091924	0.35265405	1.72431762
## FALSE_308	-1.2397535	-0.7940020	0.35265405	1.22638938
## FALSE_309	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_310	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_311	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_312	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_313	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_314	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_315	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_316	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_317	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_318	2.0685135	-0.7940020	-0.89638162	-0.76532357
## TRUE_319	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_320	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_321	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_322	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_323	-1.2397535	-0.2091924	1.18534450	-0.76532357
## FALSE_324	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_325	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_326	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_327	0.9657579	-0.2091924	-0.89638162	1.22638938
## FALSE_328	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_329	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_330	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_331	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_332	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_333	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_334	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_335	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_336	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_337	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_338	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_339	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_340	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_341	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_342	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_343	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_344	0.9657579	-0.2091924	-0.06369117	0.97742526
## FALSE_345	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_346	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_347	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_348	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_349	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_350	-0.1369978	1.5452363	1.60168972	-0.76532357
## FALSE_351	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_352	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_353	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_354	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_355	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_356	-0.1369978	2.1300459	-0.48003639	-0.51635945
## FALSE_357	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_358	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_359	-0.1369978	-0.2091924	-0.89638162	-0.76532357

## FALSE_360	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_361	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_362	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_363	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_364	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_365	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_366	0.9657579	-0.2091924	0.76899928	-0.51635945
## FALSE_367	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_368	-0.1369978	0.9604268	0.35265405	-0.26739533
## FALSE_369	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_370	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_371	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_372	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_373	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_374	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_375	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_376	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_377	0.9657579	-0.2091924	2.01803495	1.47535350
## TRUE_378	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_379	-1.2397535	-0.7940020	0.76899928	-0.26739533
## FALSE_380	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_381	-1.2397535	1.5452363	1.60168972	-0.76532357
## FALSE_382	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_383	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_384	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_385	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_386	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_387	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_388	0.9657579	-0.2091924	-0.48003639	-0.26739533
## TRUE_389	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_390	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_391	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_392	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_393	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_394	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_395	0.9657579	-0.2091924	-0.48003639	1.47535350
## FALSE_396	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_397	-0.1369978	0.9604268	-0.89638162	-0.76532357
## TRUE_398	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_399	0.9657579	0.3756172	-0.48003639	-0.76532357
## FALSE_400	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_401	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_402	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_403	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_404	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_405	2.0685135	-0.2091924	-0.89638162	0.72846114
## FALSE_406	-0.1369978	2.1300459	-0.89638162	-0.51635945
## TRUE_407	-1.2397535	-0.2091924	-0.89638162	1.22638938
## FALSE_408	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_409	-0.1369978	0.9604268	1.60168972	-0.76532357
## FALSE_410	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_411	-1.2397535	-0.2091924	-0.06369117	0.97742526
## FALSE_412	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_413	-1.2397535	-0.7940020	2.01803495	-0.51635945

## FALSE_414	-0.1369978	-0.2091924	-0.06369117	1.47535350
## TRUE_415	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_416	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_417	-1.2397535	-0.2091924	2.43438017	-0.51635945
## FALSE_418	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_419	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_420	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_421	-0.1369978	1.5452363	1.18534450	-0.51635945
## TRUE_422	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_423	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_424	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_425	-0.1369978	4.4692842	0.35265405	-0.26739533
## FALSE_426	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_427	-0.1369978	-0.2091924	0.35265405	1.72431762
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## FALSE_429	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_430	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_431	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_432	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_433	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_434	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_435	0.9657579	0.3756172	-0.48003639	-0.76532357
## FALSE_436	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_437	-0.1369978	-0.2091924	0.76899928	-0.51635945
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## FALSE_439	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_440	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_441	-1.2397535	3.2996650	0.35265405	1.72431762
## FALSE_442	-1.2397535	-0.7940020	-0.06369117	1.47535350
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## FALSE_444	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_445	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_446	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_447	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_448	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_449	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_450	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_451	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_452	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_453	0.9657579	0.3756172	-0.06369117	1.22638938
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## FALSE_455	-0.1369978	1.5452363	0.76899928	-0.76532357
## FALSE_456	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_457	0.9657579	-0.2091924	-0.89638162	1.22638938
## FALSE_458	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_459	0.9657579	-0.2091924	0.35265405	2.47120998
## FALSE_460	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_461	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_462	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_463	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_464	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_465	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_466	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_467	-0.1369978	0.9604268	0.76899928	-0.51635945

## FALSE_468	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_469	-1.2397535	-0.7940020	2.01803495	-0.26739533
## FALSE_470	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_471	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_472	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_473	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_474	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_475	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_476	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_477	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_478	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_479	2.0685135	-0.7940020	1.18534450	-0.76532357
## FALSE_480	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_481	-0.1369978	2.1300459	0.35265405	-0.76532357
## FALSE_482	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_483	-0.1369978	-0.2091924	1.60168972	0.72846114
## FALSE_484	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_485	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_486	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_487	0.9657579	-0.2091924	-0.06369117	1.22638938
## FALSE_488	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_489	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_490	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_491	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_492	0.9657579	-0.2091924	1.60168972	1.22638938
## FALSE_493	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_494	-0.1369978	0.9604268	1.18534450	-0.51635945
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## FALSE_496	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_497	-0.1369978	2.1300459	-0.48003639	-0.26739533
## FALSE_498	-0.1369978	0.9604268	-0.48003639	-0.51635945
## TRUE_499	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_500	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_501	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_502	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_503	-1.2397535	2.1300459	-0.89638162	-0.76532357
## FALSE_504	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_505	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_506	-0.1369978	0.9604268	2.43438017	-0.51635945
## FALSE_507	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_508	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_509	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_510	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_511	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_512	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_513	-0.1369978	-0.2091924	-0.06369117	2.47120998
## FALSE_514	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_515	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_516	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_517	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_518	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_519	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_520	-1.2397535	-0.7940020	2.01803495	1.47535350
## FALSE_521	0.9657579	-0.2091924	0.76899928	-0.76532357

## FALSE_522	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_523	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_524	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_525	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_526	0.9657579	2.7148555	-0.06369117	-0.26739533
## FALSE_527	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_528	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_529	0.9657579	-0.2091924	1.60168972	-0.26739533
## FALSE_530	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_531	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_532	-0.1369978	1.5452363	-0.48003639	1.47535350
## FALSE_533	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_534	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_535	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_536	-0.1369978	2.1300459	1.60168972	-0.76532357
## FALSE_537	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_538	-0.1369978	2.7148555	-0.89638162	-0.26739533
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## FALSE_541	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_542	-0.1369978	-0.2091924	-0.06369117	0.97742526
## FALSE_543	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_544	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_545	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_546	-0.1369978	4.4692842	0.35265405	-0.26739533
## FALSE_547	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_548	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_549	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_550	-0.1369978	-0.2091924	1.60168972	0.97742526
## FALSE_551	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_552	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_553	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_554	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_555	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_556	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_557	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_558	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_559	2.0685135	-0.7940020	-0.48003639	-0.26739533
## FALSE_560	-0.1369978	1.5452363	-0.48003639	-0.51635945
## FALSE_561	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_562	-0.1369978	-0.2091924	-0.89638162	2.2224586
## FALSE_563	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_564	0.9657579	-0.2091924	-0.06369117	1.47535350
## FALSE_565	2.0685135	-0.7940020	0.35265405	-0.76532357
## FALSE_566	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_567	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_568	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_569	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_570	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_571	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_572	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_573	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_574	-0.1369978	2.7148555	1.60168972	0.47949702
## FALSE_575	-1.2397535	-0.7940020	-0.89638162	-0.26739533

## FALSE_576	-0.1369978	-0.2091924	0.35265405	0.97742526
## FALSE_577	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_578	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_579	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_580	-1.2397535	-0.2091924	-0.89638162	1.47535350
## TRUE_581	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_582	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_583	-0.1369978	2.1300459	2.43438017	0.47949702
## FALSE_584	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_585	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_586	-1.2397535	-0.7940020	2.43438017	0.97742526
## FALSE_587	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_588	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_589	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_590	-0.1369978	2.1300459	1.18534450	-0.76532357
## FALSE_591	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_592	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_593	-0.1369978	0.9604268	1.18534450	-0.26739533
## TRUE_594	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_595	2.0685135	-0.7940020	-0.06369117	-0.76532357
## TRUE_596	-0.1369978	-0.2091924	-0.06369117	0.72846114
## FALSE_597	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_598	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_599	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_600	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_601	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## TRUE_602	-0.1369978	0.9604268	-0.48003639	0.97742526
## TRUE_603	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_604	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## TRUE_605	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_606	2.0685135	-0.7940020	-0.06369117	-0.51635945
## TRUE_607	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_608	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_609	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_610	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_611	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_612	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_613	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_614	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_615	-0.1369978	1.5452363	1.60168972	-0.76532357
## FALSE_616	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_617	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_618	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_619	0.9657579	-0.2091924	0.76899928	-0.76532357
## FALSE_620	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_621	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_622	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_623	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_624	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_625	-0.1369978	-0.2091924	1.18534450	-0.76532357
## TRUE_626	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_627	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_628	-1.2397535	-0.7940020	2.01803495	-0.26739533
## FALSE_629	0.9657579	-0.2091924	-0.06369117	-0.26739533

## TRUE_630	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_631	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_632	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_633	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_634	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_635	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_636	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_637	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_638	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_639	0.9657579	-0.2091924	0.35265405	0.97742526
## TRUE_640	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_641	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_642	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_643	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_644	0.9657579	-0.2091924	-0.89638162	-0.76532357
## TRUE_645	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_646	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_647	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_648	-1.2397535	3.2996650	-0.06369117	-0.51635945
## FALSE_649	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_650	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_651	-0.1369978	1.5452363	2.43438017	-0.76532357
## FALSE_652	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_653	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_654	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_655	-1.2397535	-0.7940020	2.01803495	-0.26739533
## FALSE_656	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_657	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_658	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_659	-0.1369978	0.9604268	2.43438017	1.47535350
## FALSE_660	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_661	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_662	-0.1369978	0.9604268	1.18534450	-0.51635945
## FALSE_663	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_664	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_665	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_666	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_667	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_668	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_669	0.9657579	-0.2091924	-0.06369117	1.22638938
## FALSE_670	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_671	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_672	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_673	-0.1369978	-0.2091924	2.01803495	-0.51635945
## TRUE_674	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_675	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_676	-1.2397535	-0.7940020	2.01803495	-0.26739533
## FALSE_677	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_678	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_679	-1.2397535	-0.7940020	-0.06369117	2.72017410
## FALSE_680	-0.1369978	-0.2091924	0.35265405	1.47535350
## FALSE_681	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_682	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_683	0.9657579	-0.2091924	-0.48003639	-0.26739533

## FALSE_684	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_685	-0.1369978	1.5452363	-0.89638162	-0.26739533
## TRUE_686	-0.1369978	0.9604268	0.35265405	-0.76532357
## TRUE_687	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_688	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_689	-0.1369978	0.9604268	-0.06369117	0.97742526
## FALSE_690	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_691	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_692	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_693	2.0685135	-0.2091924	2.01803495	-0.76532357
## TRUE_694	-1.2397535	-0.7940020	-0.48003639	1.47535350
## FALSE_695	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## TRUE_696	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_697	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_698	0.9657579	-0.2091924	2.01803495	-0.26739533
## FALSE_699	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_700	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_701	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_702	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_703	0.9657579	-0.2091924	-0.06369117	1.47535350
## FALSE_704	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_705	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_706	-0.1369978	1.5452363	-0.89638162	1.47535350
## FALSE_707	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_708	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_709	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_710	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_711	-0.1369978	-0.2091924	2.01803495	0.47949702
## FALSE_712	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_713	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_714	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_715	2.0685135	-0.7940020	2.43438017	-0.26739533
## FALSE_716	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_717	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_718	2.0685135	-0.7940020	-0.89638162	1.47535350
## FALSE_719	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_720	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_721	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_722	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_723	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_724	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_725	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_726	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## TRUE_727	0.9657579	0.3756172	-0.48003639	1.47535350
## FALSE_728	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_729	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_730	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_731	0.9657579	-0.2091924	-0.89638162	1.22638938
## FALSE_732	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_733	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_734	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_735	-1.2397535	3.2996650	-0.48003639	-0.76532357
## FALSE_736	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_737	-0.1369978	-0.2091924	-0.06369117	-0.51635945

## FALSE_738	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_739	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_740	-0.1369978	0.9604268	0.35265405	0.97742526
## FALSE_741	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_742	-0.1369978	0.9604268	1.60168972	-0.26739533
## FALSE_743	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_744	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_745	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_746	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_747	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_748	-0.1369978	2.7148555	-0.06369117	-0.51635945
## FALSE_749	0.9657579	-0.2091924	1.18534450	-0.76532357
## TRUE_750	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_751	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## TRUE_752	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_753	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_754	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_755	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_756	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_757	0.9657579	0.3756172	0.35265405	-0.26739533
## FALSE_758	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_759	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_760	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_761	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_762	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_763	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_764	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_765	-0.1369978	4.4692842	0.35265405	-0.26739533
## FALSE_766	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_767	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_768	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_769	2.0685135	-0.2091924	-0.06369117	-0.76532357
## TRUE_770	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_771	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_772	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_773	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_774	-0.1369978	-0.2091924	0.35265405	1.47535350
## FALSE_775	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_776	-0.1369978	2.7148555	-0.48003639	-0.26739533
## FALSE_777	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_778	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_779	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_780	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_781	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_782	-1.2397535	3.2996650	-0.89638162	-0.76532357
## FALSE_783	0.9657579	-0.2091924	-0.06369117	1.22638938
## FALSE_784	0.9657579	-0.2091924	2.01803495	0.97742526
## FALSE_785	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_786	-0.1369978	2.1300459	0.35265405	-0.76532357
## FALSE_787	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_788	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_789	-1.2397535	3.2996650	0.35265405	1.72431762
## FALSE_790	-0.1369978	0.9604268	-0.06369117	0.97742526
## FALSE_791	-1.2397535	-0.2091924	-0.89638162	0.97742526

## FALSE_792	-0.1369978	-0.2091924	-0.06369117	0.97742526
## TRUE_793	-1.2397535	-0.7940020	0.35265405	1.22638938
## FALSE_794	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_795	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_796	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_797	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_798	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_799	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_800	-0.1369978	2.1300459	-0.48003639	-0.51635945
## TRUE_801	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_802	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_803	0.9657579	-0.2091924	1.60168972	-0.76532357
## TRUE_804	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_805	2.0685135	1.5452363	-0.89638162	-0.76532357
## FALSE_806	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_807	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_808	-1.2397535	-0.7940020	-0.06369117	1.72431762
## FALSE_809	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_810	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_811	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_812	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_813	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_814	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_815	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_816	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_817	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_818	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_819	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_820	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_821	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_822	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_823	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_824	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_825	0.9657579	0.3756172	-0.48003639	0.97742526
## FALSE_826	0.9657579	-0.2091924	1.18534450	1.72431762
## FALSE_827	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_828	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_829	0.9657579	-0.2091924	1.60168972	-0.26739533
## FALSE_830	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_831	-1.2397535	-0.7940020	-0.06369117	1.22638938
## FALSE_832	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_833	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_834	2.0685135	-0.2091924	-0.89638162	-0.76532357
## FALSE_835	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_836	-1.2397535	0.9604268	-0.89638162	0.97742526
## FALSE_837	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_838	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_839	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_840	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_841	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_842	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_843	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## TRUE_844	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_845	-0.1369978	-0.2091924	-0.89638162	-0.51635945

## FALSE_846	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_847	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_848	0.9657579	-0.2091924	0.35265405	-0.51635945
## TRUE_849	-1.2397535	-0.2091924	-0.89638162	0.97742526
## FALSE_850	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_851	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_852	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_853	-1.2397535	-0.7940020	-0.89638162	1.47535350
## TRUE_854	-0.1369978	-0.2091924	1.18534450	1.47535350
## FALSE_855	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_856	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_857	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_858	-1.2397535	-0.7940020	1.18534450	1.47535350
## FALSE_859	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_860	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_861	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_862	-0.1369978	-0.2091924	-0.06369117	1.47535350
## FALSE_863	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_864	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_865	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_866	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_867	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_868	-0.1369978	0.9604268	-0.89638162	0.97742526
## FALSE_869	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_870	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_871	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_872	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_873	5.3767806	-0.7940020	-0.89638162	-0.51635945
## FALSE_874	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_875	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_876	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_877	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_878	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_879	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_880	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_881	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_882	-1.2397535	-0.2091924	1.18534450	-0.76532357
## FALSE_883	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_884	0.9657579	-0.2091924	-0.48003639	-0.76532357
## TRUE_885	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_886	0.9657579	-0.2091924	-0.06369117	1.72431762
## FALSE_887	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_888	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_889	-1.2397535	-0.2091924	-0.48003639	-0.76532357
## FALSE_890	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_891	2.0685135	-0.7940020	-0.89638162	-0.26739533
## TRUE_892	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_893	-0.1369978	-0.2091924	0.76899928	0.97742526
## TRUE_894	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_895	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_896	0.9657579	-0.2091924	-0.89638162	1.22638938
## FALSE_897	-0.1369978	1.5452363	2.01803495	-0.26739533
## FALSE_898	-0.1369978	0.9604268	-0.89638162	1.47535350
## FALSE_899	0.9657579	-0.2091924	2.01803495	0.97742526

## FALSE_900	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_901	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_902	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_903	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_904	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_905	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_906	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_907	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_908	-1.2397535	-0.2091924	0.35265405	-0.51635945
## FALSE_909	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_910	-1.2397535	-0.2091924	-0.06369117	1.47535350
## FALSE_911	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_912	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_913	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_914	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_915	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_916	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_917	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_918	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_919	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_920	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_921	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_922	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_923	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_924	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_925	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_926	-0.1369978	-0.2091924	1.60168972	-0.26739533
## TRUE_927	-0.1369978	2.1300459	0.35265405	1.47535350
## FALSE_928	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_929	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_930	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_931	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_932	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_933	0.9657579	-0.2091924	-0.06369117	1.22638938
## FALSE_934	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_935	-0.1369978	2.1300459	-0.48003639	-0.26739533
## FALSE_936	2.0685135	-0.7940020	-0.89638162	0.97742526
## FALSE_937	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_938	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_939	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_940	-0.1369978	-0.2091924	-0.48003639	1.47535350
## TRUE_941	-1.2397535	-0.7940020	0.35265405	1.47535350
## FALSE_942	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_943	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_944	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_945	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_946	2.0685135	-0.2091924	-0.48003639	1.47535350
## FALSE_947	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_948	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_949	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_950	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_951	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_952	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_953	0.9657579	-0.2091924	1.60168972	-0.76532357

## FALSE_954	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_955	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_956	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_957	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_958	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_959	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_960	-0.1369978	1.5452363	0.76899928	-0.76532357
## FALSE_961	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_962	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_963	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_964	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_965	-0.1369978	-0.2091924	-0.06369117	0.97742526
## FALSE_966	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_967	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_968	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## TRUE_969	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_970	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_971	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_972	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_973	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_974	0.9657579	-0.2091924	1.60168972	0.47949702
## FALSE_975	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_976	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_977	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_978	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_979	-1.2397535	-0.7940020	0.35265405	1.22638938
## FALSE_980	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_981	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_982	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_983	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_984	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_985	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_986	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_987	-1.2397535	-0.7940020	1.18534450	1.47535350
## FALSE_988	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_989	-1.2397535	-0.7940020	-0.06369117	1.47535350
## FALSE_990	-0.1369978	-0.2091924	1.60168972	1.72431762
## FALSE_991	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_992	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_993	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_994	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_995	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_996	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_997	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_998	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_999	-0.1369978	-0.2091924	1.60168972	1.72431762
## FALSE_1000	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1001	0.9657579	-0.2091924	-0.06369117	1.72431762
## FALSE_1002	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1003	-0.1369978	4.4692842	1.18534450	-0.76532357
## FALSE_1004	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_1005	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1006	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1007	-0.1369978	-0.2091924	-0.06369117	0.97742526

## FALSE_1008	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_1009	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1010	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1011	2.0685135	-0.7940020	-0.89638162	1.47535350
## FALSE_1012	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_1013	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1014	-0.1369978	-0.2091924	1.60168972	-0.76532357
## TRUE_1015	0.9657579	-0.2091924	1.18534450	0.97742526
## FALSE_1016	-1.2397535	-0.7940020	-0.48003639	1.47535350
## FALSE_1017	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_1018	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1019	0.9657579	2.1300459	-0.89638162	1.22638938
## FALSE_1020	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1021	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_1022	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_1023	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_1024	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1025	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1026	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_1027	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1028	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1029	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1030	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_1031	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1032	0.9657579	-0.2091924	0.76899928	-0.76532357
## FALSE_1033	-0.1369978	-0.2091924	2.01803495	-0.51635945
## TRUE_1034	-0.1369978	2.7148555	-0.48003639	-0.51635945
## TRUE_1035	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1036	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1037	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1038	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1039	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1040	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_1041	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1042	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1043	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_1044	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1045	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_1046	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1047	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_1048	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1049	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1050	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1051	-0.1369978	-0.2091924	1.18534450	-0.51635945
## TRUE_1052	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1053	-0.1369978	-0.2091924	-0.89638162	0.47949702
## TRUE_1054	0.9657579	-0.2091924	1.18534450	1.47535350
## FALSE_1055	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1056	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_1057	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1058	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_1059	-0.1369978	2.1300459	1.60168972	-0.76532357
## FALSE_1060	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1061	2.0685135	1.5452363	-0.89638162	-0.26739533

## FALSE_1062	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1063	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_1064	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_1065	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1066	-0.1369978	-0.2091924	0.35265405	1.47535350
## FALSE_1067	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1068	-0.1369978	-0.2091924	-0.06369117	1.47535350
## FALSE_1069	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1070	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1071	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1072	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1073	2.0685135	-0.7940020	-0.89638162	1.72431762
## FALSE_1074	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1075	-0.1369978	1.5452363	0.76899928	-0.76532357
## FALSE_1076	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1077	-0.1369978	2.1300459	1.18534450	-0.76532357
## FALSE_1078	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1079	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1080	-0.1369978	-0.2091924	-0.89638162	1.72431762
## FALSE_1081	0.9657579	-0.2091924	0.76899928	0.97742526
## FALSE_1082	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1083	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_1084	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_1085	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1086	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_1087	-0.1369978	4.4692842	-0.89638162	-0.76532357
## FALSE_1088	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_1089	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_1090	0.9657579	-0.2091924	-0.06369117	-0.51635945
## TRUE_1091	2.0685135	-0.2091924	2.43438017	1.47535350
## FALSE_1092	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1093	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_1094	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1095	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1096	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_1097	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1098	-0.1369978	-0.2091924	-0.48003639	1.47535350
## FALSE_1099	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_1100	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_1101	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1102	0.9657579	-0.2091924	-0.06369117	1.47535350
## FALSE_1103	-1.2397535	-0.2091924	2.43438017	-0.51635945
## FALSE_1104	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1105	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1106	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1107	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1108	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1109	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_1110	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1111	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_1112	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_1113	-0.1369978	-0.2091924	1.18534450	1.47535350
## FALSE_1114	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_1115	-0.1369978	1.5452363	-0.89638162	-0.51635945

## FALSE_1116	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1117	-0.1369978	0.9604268	0.76899928	-0.76532357
## FALSE_1118	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1119	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1120	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_1121	-0.1369978	0.9604268	-0.48003639	0.47949702
## FALSE_1122	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1123	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_1124	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_1125	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_1126	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## TRUE_1127	-0.1369978	1.5452363	-0.06369117	0.47949702
## FALSE_1128	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1129	-0.1369978	-0.2091924	2.01803495	2.22224586
## FALSE_1130	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_1131	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_1132	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_1133	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_1134	-1.2397535	-0.2091924	1.18534450	-0.26739533
## FALSE_1135	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_1136	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1137	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_1138	0.9657579	0.3756172	-0.89638162	-0.76532357
## FALSE_1139	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## TRUE_1140	0.9657579	2.7148555	-0.89638162	-0.51635945
## FALSE_1141	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_1142	-0.1369978	-0.2091924	-0.06369117	1.47535350
## FALSE_1143	-1.2397535	-0.7940020	2.43438017	1.22638938
## TRUE_1144	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_1145	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1146	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_1147	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1148	2.0685135	-0.7940020	-0.06369117	-0.26739533
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## FALSE_1150	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1151	-0.1369978	0.9604268	-0.89638162	1.47535350
## FALSE_1152	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_1153	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_1154	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_1155	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_1156	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1157	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_1158	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1159	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1160	0.9657579	-0.2091924	-0.48003639	1.47535350
## FALSE_1161	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1162	0.9657579	-0.2091924	-0.48003639	-0.76532357
## TRUE_1163	-1.2397535	-0.2091924	2.01803495	0.97742526
## TRUE_1164	-1.2397535	-0.7940020	1.60168972	-0.76532357
## FALSE_1165	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## TRUE_1166	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1167	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_1168	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## TRUE_1169	-0.1369978	-0.2091924	-0.89638162	0.97742526

## FALSE_1170	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_1171	0.9657579	-0.2091924	1.60168972	0.97742526
## FALSE_1172	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_1173	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1174	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_1175	-1.2397535	3.2996650	-0.06369117	-0.26739533
## TRUE_1176	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1177	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_1178	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1179	-0.1369978	0.9604268	1.18534450	0.97742526
## FALSE_1180	-1.2397535	-0.2091924	-0.48003639	-0.76532357
## FALSE_1181	-0.1369978	-0.2091924	0.35265405	0.97742526
## FALSE_1182	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1183	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_1184	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1185	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_1186	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1187	2.0685135	-0.7940020	0.35265405	-0.26739533
## FALSE_1188	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1189	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1190	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_1191	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1192	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1193	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1194	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1195	-0.1369978	0.9604268	-0.89638162	0.72846114
## FALSE_1196	0.9657579	0.3756172	-0.89638162	-0.51635945
## FALSE_1197	-0.1369978	-0.2091924	-0.89638162	1.47535350
## TRUE_1198	-1.2397535	-0.2091924	2.43438017	-0.51635945
## FALSE_1199	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_1200	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1201	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_1202	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1203	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1204	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_1205	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1206	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1207	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1208	-0.1369978	0.9604268	1.60168972	-0.76532357
## FALSE_1209	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_1210	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_1211	-1.2397535	-0.7940020	0.35265405	-0.76532357
## TRUE_1212	-0.1369978	2.1300459	-0.89638162	0.97742526
## FALSE_1213	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1214	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1215	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_1216	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_1217	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_1218	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1219	-0.1369978	0.9604268	0.76899928	-0.76532357
## FALSE_1220	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_1221	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_1222	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1223	-1.2397535	-0.7940020	-0.06369117	-0.26739533

## FALSE_1224	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_1225	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1226	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1227	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_1228	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_1229	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_1230	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1231	-0.1369978	4.4692842	-0.89638162	-0.76532357
## FALSE_1232	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1233	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_1234	-1.2397535	-0.7940020	1.60168972	1.22638938
## FALSE_1235	-0.1369978	4.4692842	1.18534450	1.47535350
## FALSE_1236	-0.1369978	-0.2091924	-0.06369117	1.47535350
## FALSE_1237	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1238	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1239	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1240	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1241	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1242	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1243	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1244	-1.2397535	-0.7940020	0.35265405	-0.76532357
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## FALSE_1246	-1.2397535	3.2996650	-0.89638162	1.72431762
## FALSE_1247	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_1248	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1249	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1250	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1251	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1252	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1253	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1254	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1255	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_1256	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_1257	-0.1369978	0.9604268	1.18534450	-0.76532357
## FALSE_1258	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1259	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1260	-1.2397535	-0.2091924	2.43438017	0.97742526
## FALSE_1261	-0.1369978	0.9604268	-0.89638162	-0.76532357
## TRUE_1262	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_1263	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_1264	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1265	-0.1369978	0.9604268	1.60168972	1.47535350
## FALSE_1266	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1267	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1268	0.9657579	-0.2091924	1.60168972	-0.26739533
## FALSE_1269	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_1270	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1271	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1272	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_1273	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1274	0.9657579	-0.2091924	-0.06369117	1.47535350
## FALSE_1275	-1.2397535	-0.2091924	0.76899928	1.47535350
## TRUE_1276	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1277	-0.1369978	-0.2091924	1.18534450	-0.76532357

## FALSE_1278	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1279	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1280	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_1281	-0.1369978	1.5452363	-0.89638162	-0.51635945
## TRUE_1282	-0.1369978	4.4692842	-0.06369117	-0.76532357
## FALSE_1283	-1.2397535	4.4692842	-0.89638162	-0.76532357
## FALSE_1284	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1285	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1286	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1287	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1288	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_1289	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1290	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1291	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_1292	2.0685135	-0.2091924	0.35265405	0.97742526
## TRUE_1293	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_1294	0.9657579	0.3756172	-0.89638162	1.47535350
## FALSE_1295	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_1296	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_1297	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1298	0.9657579	-0.2091924	1.60168972	-0.76532357
## TRUE_1299	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1300	-1.2397535	-0.2091924	1.60168972	-0.51635945
## TRUE_1301	-0.1369978	-0.2091924	-0.06369117	0.97742526
## FALSE_1302	-0.1369978	-0.2091924	0.76899928	-0.26739533
## FALSE_1303	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_1304	2.0685135	-0.7940020	-0.48003639	-0.26739533
## TRUE_1305	-0.1369978	0.9604268	-0.89638162	0.97742526
## FALSE_1306	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1307	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1308	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_1309	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_1310	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1311	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1312	-0.1369978	0.9604268	-0.89638162	0.97742526
## FALSE_1313	0.9657579	-0.2091924	2.01803495	1.47535350
## FALSE_1314	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_1315	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_1316	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1317	-0.1369978	-0.2091924	-0.48003639	1.47535350
## FALSE_1318	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1319	-0.1369978	0.9604268	-0.89638162	1.47535350
## FALSE_1320	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1321	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1322	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1323	-0.1369978	2.1300459	1.60168972	-0.76532357
## FALSE_1324	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1325	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1326	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_1327	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1328	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1329	-1.2397535	-0.7940020	2.01803495	-0.26739533
## TRUE_1330	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_1331	-0.1369978	-0.2091924	-0.06369117	-0.51635945

## FALSE_1332	2.0685135	-0.7940020	0.35265405	-0.51635945
## FALSE_1333	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1334	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1335	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1336	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1337	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_1338	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1339	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_1340	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_1341	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1342	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_1343	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1344	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1345	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1346	-1.2397535	-0.7940020	1.18534450	-0.76532357
## TRUE_1347	2.0685135	-0.2091924	-0.48003639	1.72431762
## FALSE_1348	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_1349	2.0685135	-0.7940020	-0.89638162	1.47535350
## FALSE_1350	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1351	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_1352	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_1353	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1354	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_1355	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1356	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_1357	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1358	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_1359	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1360	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_1361	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_1362	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_1363	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1364	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1365	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1366	0.9657579	-0.2091924	-0.48003639	0.97742526
## FALSE_1367	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1368	-0.1369978	-0.2091924	2.43438017	-0.51635945
## TRUE_1369	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1370	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1371	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1372	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_1373	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1374	0.9657579	0.3756172	-0.06369117	-0.76532357
## FALSE_1375	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_1376	-0.1369978	-0.2091924	-0.48003639	1.47535350
## FALSE_1377	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1378	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_1379	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1380	-0.1369978	4.4692842	-0.06369117	-0.26739533
## FALSE_1381	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1382	0.9657579	-0.2091924	-0.06369117	0.47949702
## FALSE_1383	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1384	-0.1369978	0.9604268	-0.06369117	-0.76532357
## TRUE_1385	-0.1369978	1.5452363	-0.06369117	-0.76532357

## FALSE_1386	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_1387	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_1388	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1389	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1390	0.9657579	0.3756172	-0.89638162	1.47535350
## FALSE_1391	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_1392	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_1393	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1394	0.9657579	-0.2091924	-0.06369117	-0.51635945
## TRUE_1395	-1.2397535	-0.7940020	1.60168972	0.97742526
## FALSE_1396	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_1397	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1398	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_1399	0.9657579	-0.2091924	1.18534450	-0.76532357
## TRUE_1400	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_1401	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_1402	-0.1369978	1.5452363	-0.48003639	-0.26739533
## FALSE_1403	0.9657579	-0.2091924	1.18534450	-0.26739533
## TRUE_1404	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1405	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1406	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_1407	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1408	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1409	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1410	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_1411	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_1412	-0.1369978	0.9604268	-0.06369117	1.47535350
## FALSE_1413	-0.1369978	-0.2091924	-0.06369117	1.47535350
## FALSE_1414	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1415	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1416	-1.2397535	-0.2091924	0.35265405	0.97742526
## FALSE_1417	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_1418	-0.1369978	-0.2091924	2.43438017	0.47949702
## FALSE_1419	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1420	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1421	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1422	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_1423	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_1424	-1.2397535	-0.2091924	2.43438017	-0.76532357
## FALSE_1425	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1426	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_1427	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1428	-0.1369978	-0.2091924	-0.06369117	0.97742526
## FALSE_1429	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_1430	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_1431	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1432	0.9657579	-0.2091924	0.35265405	-0.76532357
## TRUE_1433	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1434	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_1435	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_1436	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1437	-0.1369978	2.7148555	1.60168972	-0.76532357
## FALSE_1438	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_1439	-0.1369978	-0.2091924	-0.06369117	0.47949702

## TRUE_1440	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1441	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1442	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_1443	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1444	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_1445	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1446	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_1447	-0.1369978	-0.2091924	-0.06369117	0.97742526
## FALSE_1448	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1449	-0.1369978	1.5452363	1.18534450	-0.76532357
## FALSE_1450	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_1451	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_1452	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1453	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1454	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1455	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1456	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_1457	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_1458	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1459	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_1460	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_1461	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1462	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1463	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1464	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_1465	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1466	-0.1369978	1.5452363	1.18534450	-0.51635945
## FALSE_1467	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1468	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1469	0.9657579	0.3756172	2.01803495	-0.76532357
## FALSE_1470	-0.1369978	0.9604268	-0.89638162	0.47949702
## FALSE_1471	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1472	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_1473	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1474	-0.1369978	-0.2091924	1.18534450	0.97742526
## FALSE_1475	-1.2397535	-0.7940020	-0.48003639	1.47535350
## FALSE_1476	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1477	-1.2397535	-0.7940020	2.43438017	-0.76532357
## FALSE_1478	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1479	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_1480	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_1481	-0.1369978	-0.2091924	-0.06369117	0.97742526
## TRUE_1482	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1483	-0.1369978	1.5452363	2.01803495	-0.76532357
## FALSE_1484	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_1485	-0.1369978	1.5452363	-0.48003639	0.72846114
## FALSE_1486	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_1487	0.9657579	-0.2091924	-0.89638162	-0.26739533
## TRUE_1488	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1489	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_1490	-1.2397535	-0.2091924	2.01803495	-0.51635945
## FALSE_1491	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1492	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_1493	2.0685135	-0.2091924	-0.89638162	2.22224586

## FALSE_1494	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1495	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1496	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1497	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## TRUE_1498	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_1499	-0.1369978	0.9604268	-0.48003639	1.47535350
## FALSE_1500	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_1501	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1502	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1503	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1504	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1505	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1506	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_1507	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_1508	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1509	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1510	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_1511	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1512	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_1513	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_1514	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1515	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1516	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1517	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1518	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_1519	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1520	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_1521	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1522	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1523	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1524	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1525	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_1526	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1527	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_1528	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1529	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_1530	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_1531	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1532	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_1533	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1534	0.9657579	-0.2091924	0.35265405	-0.51635945
## TRUE_1535	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1536	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_1537	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_1538	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_1539	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_1540	-0.1369978	1.5452363	2.43438017	-0.51635945
## TRUE_1541	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1542	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_1543	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1544	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1545	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1546	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1547	-0.1369978	-0.2091924	-0.89638162	-0.51635945

## FALSE_1548	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1549	-1.2397535	-0.7940020	0.35265405	-0.26739533
## TRUE_1550	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_1551	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1552	0.9657579	-0.2091924	1.60168972	0.97742526
## FALSE_1553	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_1554	-0.1369978	2.1300459	-0.06369117	-0.51635945
## FALSE_1555	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1556	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1557	-0.1369978	0.9604268	0.76899928	-0.76532357
## FALSE_1558	0.9657579	-0.2091924	0.35265405	-0.76532357
## TRUE_1559	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1560	-1.2397535	-0.7940020	1.18534450	1.22638938
## FALSE_1561	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_1562	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1563	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1564	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1565	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_1566	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_1567	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1568	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_1569	-1.2397535	-0.2091924	-0.06369117	-0.26739533
## FALSE_1570	-0.1369978	-0.2091924	2.43438017	1.47535350
## FALSE_1571	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1572	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1573	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_1574	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1575	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1576	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1577	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1578	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_1579	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_1580	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1581	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_1582	2.0685135	-0.7940020	2.01803495	0.47949702
## FALSE_1583	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1584	-1.2397535	-0.2091924	1.60168972	0.97742526
## FALSE_1585	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1586	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1587	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1588	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_1589	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_1590	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_1591	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1592	-0.1369978	-0.2091924	0.76899928	2.22224586
## FALSE_1593	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1594	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1595	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1596	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1597	2.0685135	-0.2091924	-0.89638162	-0.76532357
## FALSE_1598	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1599	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_1600	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1601	-0.1369978	0.9604268	-0.06369117	-0.26739533

## TRUE_1602	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1603	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_1604	-1.2397535	-0.7940020	-0.48003639	1.22638938
## FALSE_1605	0.9657579	0.3756172	1.60168972	1.47535350
## FALSE_1606	0.9657579	2.1300459	-0.89638162	-0.76532357
## FALSE_1607	0.9657579	-0.2091924	0.35265405	1.72431762
## FALSE_1608	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1609	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_1610	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1611	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1612	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_1613	0.9657579	-0.2091924	-0.06369117	0.47949702
## FALSE_1614	-1.2397535	-0.7940020	-0.06369117	1.47535350
## FALSE_1615	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1616	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_1617	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1618	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1619	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1620	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_1621	-0.1369978	1.5452363	2.43438017	-0.51635945
## FALSE_1622	-0.1369978	4.4692842	-0.89638162	-0.76532357
## FALSE_1623	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1624	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1625	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1626	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_1627	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1628	-0.1369978	-0.2091924	2.43438017	0.97742526
## FALSE_1629	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1630	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_1631	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1632	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_1633	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1634	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_1635	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_1636	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_1637	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_1638	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_1639	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_1640	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1641	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1642	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_1643	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_1644	-1.2397535	-0.7940020	-0.06369117	1.47535350
## FALSE_1645	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1646	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1647	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1648	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_1649	-0.1369978	1.5452363	1.60168972	-0.51635945
## FALSE_1650	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1651	-0.1369978	1.5452363	2.43438017	0.97742526
## FALSE_1652	-0.1369978	0.9604268	-0.89638162	0.97742526
## FALSE_1653	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1654	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1655	-0.1369978	-0.2091924	-0.06369117	-0.26739533

## FALSE_1656	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_1657	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_1658	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1659	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1660	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1661	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_1662	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_1663	-0.1369978	-0.2091924	1.18534450	1.47535350
## FALSE_1664	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_1665	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1666	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_1667	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_1668	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1669	0.9657579	-0.2091924	-0.89638162	1.22638938
## FALSE_1670	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_1671	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_1672	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_1673	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1674	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_1675	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_1676	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_1677	-0.1369978	-0.2091924	2.43438017	0.47949702
## FALSE_1678	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1679	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1680	-0.1369978	1.5452363	-0.89638162	-0.51635945
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## FALSE_1682	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1683	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1684	-0.1369978	-0.2091924	1.18534450	-0.76532357
## TRUE_1685	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_1686	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1687	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1688	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1689	-0.1369978	-0.2091924	-0.48003639	0.97742526
## FALSE_1690	0.9657579	-0.2091924	-0.48003639	1.22638938
## FALSE_1691	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_1692	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1693	-1.2397535	-0.2091924	2.01803495	-0.51635945
## FALSE_1694	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1695	0.9657579	-0.2091924	-0.48003639	1.47535350
## FALSE_1696	-1.2397535	-0.7940020	0.35265405	-0.76532357
## TRUE_1697	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_1698	-0.1369978	0.9604268	2.01803495	-0.51635945
## FALSE_1699	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1700	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1701	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_1702	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1703	-1.2397535	-0.7940020	-0.89638162	1.22638938
## TRUE_1704	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1705	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1706	0.9657579	-0.2091924	0.35265405	1.47535350
## FALSE_1707	0.9657579	-0.2091924	2.01803495	1.47535350
## FALSE_1708	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1709	-0.1369978	-0.2091924	-0.89638162	-0.51635945

## FALSE_1710	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_1711	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_1712	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1713	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1714	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1715	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1716	-1.2397535	-0.2091924	2.01803495	-0.76532357
## FALSE_1717	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_1718	2.0685135	-0.7940020	0.35265405	-0.26739533
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## FALSE_1720	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_1721	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1722	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_1723	0.9657579	0.3756172	-0.89638162	1.22638938
## FALSE_1724	0.9657579	-0.2091924	2.43438017	-0.26739533
## FALSE_1725	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1726	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_1727	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_1728	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1729	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1730	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1731	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_1732	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1733	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_1734	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1735	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1736	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1737	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1738	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_1739	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_1740	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_1741	0.9657579	-0.2091924	-0.89638162	1.47535350
## TRUE_1742	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_1743	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1744	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## TRUE_1745	-0.1369978	4.4692842	-0.48003639	-0.51635945
## TRUE_1746	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1747	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1748	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1749	-1.2397535	-0.2091924	1.18534450	-0.51635945
## FALSE_1750	-0.1369978	2.1300459	-0.89638162	-0.76532357
## TRUE_1751	0.9657579	-0.2091924	-0.89638162	1.22638938
## TRUE_1752	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_1753	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1754	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1755	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1756	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1757	-0.1369978	1.5452363	1.18534450	-0.76532357
## FALSE_1758	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_1759	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1760	-0.1369978	-0.2091924	-0.48003639	1.47535350
## FALSE_1761	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1762	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1763	-0.1369978	-0.2091924	-0.89638162	-0.51635945

## FALSE_1764	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_1765	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1766	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1767	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_1768	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1769	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_1770	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_1771	-0.1369978	0.9604268	2.43438017	-0.51635945
## FALSE_1772	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_1773	0.9657579	-0.2091924	-0.06369117	0.97742526
## FALSE_1774	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1775	-0.1369978	-0.2091924	2.43438017	1.47535350
## FALSE_1776	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1777	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1778	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1779	-0.1369978	2.1300459	1.60168972	-0.51635945
## FALSE_1780	-1.2397535	-0.7940020	1.60168972	1.47535350
## FALSE_1781	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_1782	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1783	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_1784	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1785	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_1786	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1787	-0.1369978	-0.2091924	1.18534450	-0.26739533
## TRUE_1788	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_1789	-0.1369978	1.5452363	1.18534450	-0.76532357
## FALSE_1790	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_1791	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_1792	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_1793	2.0685135	-0.7940020	0.35265405	-0.26739533
## FALSE_1794	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1795	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1796	-0.1369978	1.5452363	-0.89638162	1.47535350
## FALSE_1797	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1798	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1799	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_1800	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1801	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1802	-0.1369978	-0.2091924	2.43438017	1.47535350
## FALSE_1803	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_1804	-0.1369978	0.9604268	-0.06369117	-0.76532357
## TRUE_1805	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1806	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1807	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_1808	2.0685135	-0.2091924	-0.48003639	-0.51635945
## FALSE_1809	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1810	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1811	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1812	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_1813	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1814	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1815	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_1816	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1817	-1.2397535	-0.7940020	-0.89638162	-0.51635945

## FALSE_1818	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_1819	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1820	-0.1369978	-0.2091924	1.60168972	1.22638938
## FALSE_1821	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1822	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1823	-0.1369978	0.9604268	-0.06369117	0.97742526
## FALSE_1824	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1825	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1826	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1827	-0.1369978	2.1300459	1.18534450	0.72846114
## FALSE_1828	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1829	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_1830	0.9657579	-0.2091924	2.43438017	-0.51635945
## FALSE_1831	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1832	0.9657579	-0.2091924	-0.89638162	1.22638938
## FALSE_1833	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_1834	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1835	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1836	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1837	-0.1369978	-0.2091924	-0.48003639	1.47535350
## FALSE_1838	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1839	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1840	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_1841	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_1842	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_1843	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_1844	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1845	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1846	0.9657579	-0.2091924	0.76899928	-0.51635945
## FALSE_1847	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1848	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_1849	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1850	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_1851	-0.1369978	-0.2091924	0.76899928	-0.26739533
## FALSE_1852	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1853	0.9657579	-0.2091924	1.60168972	-0.26739533
## FALSE_1854	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1855	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_1856	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_1857	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1858	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_1859	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1860	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1861	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1862	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_1863	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1864	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1865	-0.1369978	-0.2091924	-0.89638162	0.97742526
## TRUE_1866	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1867	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_1868	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1869	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1870	-0.1369978	1.5452363	-0.48003639	1.47535350
## FALSE_1871	-0.1369978	-0.2091924	-0.06369117	1.47535350

## FALSE_1872	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_1873	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1874	0.9657579	-0.2091924	1.60168972	0.97742526
## FALSE_1875	0.9657579	-0.2091924	2.01803495	0.97742526
## FALSE_1876	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1877	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1878	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_1879	0.9657579	0.3756172	-0.89638162	-0.51635945
## TRUE_1880	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1881	-0.1369978	0.9604268	2.43438017	1.47535350
## FALSE_1882	-0.1369978	0.9604268	-0.89638162	1.47535350
## FALSE_1883	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_1884	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_1885	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1886	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_1887	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1888	0.9657579	-0.2091924	-0.06369117	1.47535350
## FALSE_1889	-0.1369978	-0.2091924	0.35265405	-0.51635945
## TRUE_1890	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_1891	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_1892	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1893	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_1894	-0.1369978	4.4692842	1.60168972	-0.51635945
## FALSE_1895	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1896	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1897	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1898	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_1899	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1900	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_1901	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1902	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1903	-0.1369978	1.5452363	-0.06369117	1.47535350
## FALSE_1904	-0.1369978	2.1300459	1.60168972	-0.51635945
## FALSE_1905	0.9657579	-0.2091924	2.01803495	0.97742526
## FALSE_1906	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_1907	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_1908	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_1909	0.9657579	0.3756172	-0.06369117	-0.26739533
## FALSE_1910	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_1911	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1912	-0.1369978	0.9604268	1.18534450	-0.26739533
## FALSE_1913	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1914	-0.1369978	1.5452363	-0.06369117	-0.76532357
## FALSE_1915	-1.2397535	-0.2091924	-0.89638162	1.22638938
## FALSE_1916	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1917	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_1918	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1919	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1920	-0.1369978	4.4692842	0.35265405	-0.26739533
## FALSE_1921	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1922	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_1923	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1924	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1925	-0.1369978	0.9604268	0.35265405	-0.76532357

## TRUE_1926	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_1927	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1928	-0.1369978	4.4692842	-0.48003639	0.47949702
## FALSE_1929	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1930	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1931	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1932	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1933	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1934	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1935	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1936	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_1937	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_1938	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_1939	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1940	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_1941	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_1942	-0.1369978	1.5452363	-0.89638162	0.97742526
## TRUE_1943	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_1944	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1945	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1946	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1947	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_1948	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_1949	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1950	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1951	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1952	-1.2397535	-0.7940020	-0.06369117	1.22638938
## FALSE_1953	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1954	-0.1369978	0.9604268	2.01803495	-0.76532357
## TRUE_1955	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## TRUE_1956	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_1957	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_1958	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1959	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_1960	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1961	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_1962	-1.2397535	-0.7940020	1.60168972	-0.76532357
## FALSE_1963	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1964	0.9657579	-0.2091924	-0.89638162	-0.26739533
## TRUE_1965	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_1966	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1967	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1968	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_1969	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1970	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_1971	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_1972	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1973	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## TRUE_1974	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_1975	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1976	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1977	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_1978	0.9657579	-0.2091924	1.60168972	1.22638938
## FALSE_1979	-0.1369978	0.9604268	-0.89638162	1.47535350

## FALSE_1980	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_1981	0.9657579	-0.2091924	0.76899928	-0.51635945
## FALSE_1982	-0.1369978	2.7148555	0.35265405	-0.26739533
## TRUE_1983	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_1984	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1985	-0.1369978	0.9604268	1.18534450	-0.26739533
## FALSE_1986	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1987	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1988	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1989	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1990	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_1991	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_1992	0.9657579	-0.2091924	-0.48003639	-0.26739533
## TRUE_1993	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_1994	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1995	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1996	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_1997	0.9657579	-0.2091924	0.35265405	2.72017410
## FALSE_1998	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1999	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_2000	-0.1369978	2.1300459	-0.06369117	-0.76532357
## FALSE_2001	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_2002	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## TRUE_2003	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2004	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_2005	2.0685135	-0.2091924	1.18534450	-0.76532357
## FALSE_2006	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_2007	-0.1369978	-0.2091924	1.18534450	1.47535350
## FALSE_2008	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2009	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_2010	-0.1369978	1.5452363	-0.48003639	-0.26739533
## FALSE_2011	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2012	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2013	-0.1369978	-0.2091924	-0.48003639	1.47535350
## FALSE_2014	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2015	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2016	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_2017	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_2018	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2019	-0.1369978	1.5452363	-0.48003639	-0.51635945
## TRUE_2020	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2021	-0.1369978	0.9604268	1.60168972	-0.51635945
## TRUE_2022	-1.2397535	3.2996650	0.35265405	-0.76532357
## TRUE_2023	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_2024	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_2025	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_2026	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_2027	-0.1369978	-0.2091924	2.01803495	-0.76532357
## TRUE_2028	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2029	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_2030	-0.1369978	1.5452363	-0.48003639	-0.51635945
## TRUE_2031	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_2032	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2033	-1.2397535	-0.7940020	1.18534450	0.97742526

## FALSE_2034	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2035	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2036	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_2037	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2038	0.9657579	0.3756172	-0.89638162	-0.51635945
## FALSE_2039	-1.2397535	-0.7940020	1.18534450	1.47535350
## TRUE_2040	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2041	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_2042	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2043	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_2044	-0.1369978	0.9604268	1.60168972	-0.26739533
## FALSE_2045	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2046	-0.1369978	0.9604268	-0.89638162	-0.76532357
## TRUE_2047	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2048	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_2049	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2050	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2051	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_2052	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_2053	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_2054	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2055	-0.1369978	1.5452363	0.35265405	-0.01843121
## FALSE_2056	-1.2397535	-0.2091924	0.76899928	-0.51635945
## FALSE_2057	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2058	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2059	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2060	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2061	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_2062	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_2063	-1.2397535	-0.7940020	-0.89638162	2.72017410
## TRUE_2064	-0.1369978	1.5452363	-0.89638162	0.23053290
## FALSE_2065	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_2066	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_2067	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_2068	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_2069	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2070	0.9657579	2.1300459	-0.06369117	-0.26739533
## FALSE_2071	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2072	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_2073	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2074	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2075	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2076	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2077	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_2078	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2079	-0.1369978	-0.2091924	1.18534450	3.46706646
## FALSE_2080	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_2081	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2082	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2083	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_2084	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2085	-0.1369978	1.5452363	0.35265405	-0.76532357
## FALSE_2086	-0.1369978	0.9604268	-0.89638162	-0.26739533
## TRUE_2087	-0.1369978	-0.2091924	0.35265405	-0.01843121

## FALSE_2088	-0.1369978	-0.7940020	-0.89638162	-0.01843121
## FALSE_2089	-0.1369978	2.1300459	0.35265405	-0.01843121
## FALSE_2090	-0.1369978	2.1300459	-0.06369117	0.47949702
## FALSE_2091	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2092	-0.1369978	0.9604268	2.01803495	-0.51635945
## FALSE_2093	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_2094	-1.2397535	-0.2091924	-0.06369117	-0.01843121
## FALSE_2095	-0.1369978	-0.2091924	0.76899928	-0.26739533
## FALSE_2096	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_2097	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2098	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2099	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_2100	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_2101	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_2102	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2103	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_2104	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2105	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_2106	-0.1369978	0.9604268	0.35265405	-0.01843121
## FALSE_2107	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_2108	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## TRUE_2109	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_2110	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2111	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_2112	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2113	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_2114	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2115	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_2116	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2117	-0.1369978	-0.2091924	1.60168972	1.72431762
## FALSE_2118	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2119	0.9657579	-0.2091924	-0.89638162	0.47949702
## TRUE_2120	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_2121	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_2122	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2123	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2124	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## TRUE_2125	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_2126	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_2127	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2128	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2129	0.9657579	-0.2091924	1.18534450	-0.01843121
## TRUE_2130	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2131	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_2132	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2133	-0.1369978	2.1300459	-0.89638162	-0.26739533
## TRUE_2134	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2135	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2136	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_2137	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2138	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_2139	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_2140	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2141	-1.2397535	-0.7940020	-0.89638162	-0.51635945

## FALSE_2142	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2143	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_2144	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2145	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2146	-0.1369978	-0.2091924	2.01803495	2.22224586
## FALSE_2147	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_2148	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_2149	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2150	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_2151	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2152	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_2153	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_2154	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_2155	-1.2397535	-0.7940020	-0.89638162	2.72017410
## FALSE_2156	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_2157	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_2158	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2159	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_2160	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_2161	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2162	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_2163	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_2164	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2165	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_2166	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_2167	0.9657579	-0.2091924	1.18534450	2.47120998
## FALSE_2168	-0.1369978	-0.2091924	0.35265405	-0.51635945
## TRUE_2169	-1.2397535	-0.7940020	2.43438017	-0.01843121
## FALSE_2170	0.9657579	-0.2091924	-0.06369117	-0.01843121
## TRUE_2171	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2172	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_2173	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2174	5.3767806	-0.7940020	-0.06369117	-0.76532357
## TRUE_2175	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_2176	0.9657579	0.3756172	0.76899928	-0.76532357
## FALSE_2177	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2178	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2179	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2180	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_2181	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2182	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2183	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2184	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2185	-1.2397535	3.2996650	1.60168972	-0.01843121
## FALSE_2186	-1.2397535	-0.7940020	-0.06369117	0.47949702
## FALSE_2187	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2188	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_2189	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_2190	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2191	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2192	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2193	-0.1369978	2.1300459	-0.89638162	0.47949702
## FALSE_2194	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2195	-0.1369978	1.5452363	-0.89638162	1.72431762

## FALSE_2196	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_2197	-0.1369978	0.9604268	0.35265405	-0.51635945
## TRUE_2198	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2199	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_2200	-0.1369978	1.5452363	1.18534450	-0.26739533
## FALSE_2201	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_2202	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_2203	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2204	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2205	-0.1369978	4.4692842	2.43438017	-0.26739533
## TRUE_2206	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_2207	2.0685135	-0.2091924	-0.89638162	-0.76532357
## FALSE_2208	0.9657579	-0.2091924	0.35265405	1.72431762
## FALSE_2209	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2210	0.9657579	0.3756172	-0.06369117	-0.01843121
## FALSE_2211	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2212	0.9657579	-0.2091924	-0.89638162	-0.26739533
## TRUE_2213	-0.1369978	-0.2091924	0.35265405	-0.01843121
## TRUE_2214	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_2215	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_2216	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2217	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2218	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_2219	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2220	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2221	0.9657579	-0.2091924	-0.89638162	2.22224586
## TRUE_2222	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2223	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2224	0.9657579	-0.2091924	2.43438017	-0.01843121
## FALSE_2225	0.9657579	-0.2091924	0.35265405	-0.76532357
## TRUE_2226	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_2227	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2228	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_2229	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2230	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2231	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_2232	-0.1369978	-0.2091924	0.76899928	-0.76532357
## TRUE_2233	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2234	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_2235	0.9657579	-0.2091924	-0.06369117	1.72431762
## TRUE_2236	2.0685135	-0.2091924	-0.89638162	-0.01843121
## FALSE_2237	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_2238	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_2239	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_2240	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_2241	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_2242	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_2243	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_2244	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_2245	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_2246	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2247	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_2248	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_2249	-1.2397535	-0.7940020	-0.06369117	-0.51635945

## FALSE_2250	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_2251	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2252	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2253	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_2254	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_2255	-0.1369978	-0.2091924	0.35265405	-0.51635945
## TRUE_2256	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2257	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_2258	-1.2397535	-0.7940020	0.76899928	-0.01843121
## TRUE_2259	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2260	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2261	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_2262	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_2263	-0.1369978	2.1300459	1.18534450	-0.76532357
## FALSE_2264	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2265	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_2266	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_2267	0.9657579	-0.2091924	0.35265405	0.47949702
## FALSE_2268	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2269	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2270	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_2271	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_2272	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2273	0.9657579	-0.2091924	0.35265405	-0.01843121
## TRUE_2274	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_2275	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_2276	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_2277	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_2278	0.9657579	-0.2091924	-0.48003639	0.47949702
## FALSE_2279	-1.2397535	-0.7940020	0.35265405	2.72017410
## FALSE_2280	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2281	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2282	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2283	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2284	0.9657579	-0.2091924	0.76899928	-0.76532357
## FALSE_2285	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_2286	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2287	0.9657579	-0.2091924	1.18534450	0.23053290
## FALSE_2288	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_2289	-1.2397535	-0.2091924	-0.89638162	0.47949702
## TRUE_2290	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2291	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2292	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_2293	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2294	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_2295	-0.1369978	-0.2091924	-0.48003639	1.72431762
## FALSE_2296	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_2297	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2298	0.9657579	-0.2091924	-0.06369117	2.72017410
## FALSE_2299	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2300	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2301	-1.2397535	-0.7940020	0.76899928	-0.51635945
## FALSE_2302	2.0685135	-0.2091924	-0.89638162	0.47949702
## FALSE_2303	0.9657579	-0.2091924	1.18534450	2.22224586

## FALSE_2304	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2305	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2306	-0.1369978	0.9604268	-0.89638162	0.47949702
## FALSE_2307	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2308	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2309	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_2310	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_2311	2.0685135	-0.7940020	-0.89638162	0.23053290
## FALSE_2312	-0.1369978	2.1300459	0.35265405	-0.76532357
## FALSE_2313	0.9657579	-0.2091924	-0.06369117	-0.26739533
## TRUE_2314	-0.1369978	0.9604268	1.18534450	-0.01843121
## TRUE_2315	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_2316	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_2317	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2318	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2319	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_2320	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_2321	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2322	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_2323	-0.1369978	-0.2091924	-0.48003639	1.72431762
## FALSE_2324	-0.1369978	1.5452363	-0.48003639	-0.51635945
## FALSE_2325	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_2326	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2327	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2328	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2329	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2330	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2331	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2332	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2333	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_2334	0.9657579	-0.2091924	2.01803495	-0.51635945
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## FALSE_2336	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2337	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2338	-0.1369978	4.4692842	-0.89638162	-0.26739533
## TRUE_2339	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2340	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_2341	-0.1369978	-0.2091924	-0.48003639	0.47949702
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## FALSE_2343	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2344	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2345	-0.1369978	-0.2091924	-0.89638162	-0.51635945
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## FALSE_2348	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2349	-0.1369978	2.1300459	-0.48003639	-0.51635945
## TRUE_2350	-1.2397535	3.2996650	-0.48003639	1.72431762
## FALSE_2351	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_2352	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2353	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2354	-0.1369978	4.4692842	-0.48003639	-0.76532357
## FALSE_2355	0.9657579	-0.2091924	0.76899928	-0.76532357
## FALSE_2356	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_2357	-0.1369978	-0.2091924	-0.89638162	-0.76532357

## FALSE_2358	-0.1369978	2.7148555	-0.06369117	-0.01843121
## FALSE_2359	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2360	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_2361	0.9657579	-0.2091924	1.60168972	-0.26739533
## FALSE_2362	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2363	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_2364	0.9657579	-0.2091924	1.18534450	0.23053290
## FALSE_2365	-0.1369978	0.9604268	0.35265405	-0.26739533
## FALSE_2366	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_2367	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_2368	-0.1369978	0.9604268	2.43438017	-0.51635945
## FALSE_2369	4.2740249	-0.2091924	-0.48003639	-0.26739533
## FALSE_2370	0.9657579	-0.2091924	-0.48003639	1.72431762
## FALSE_2371	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2372	-0.1369978	4.4692842	1.60168972	-0.76532357
## FALSE_2373	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_2374	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2375	0.9657579	-0.2091924	-0.06369117	2.72017410
## FALSE_2376	-1.2397535	-0.7940020	0.76899928	-0.76532357
## FALSE_2377	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_2378	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_2379	0.9657579	-0.2091924	-0.48003639	3.71603057
## FALSE_2380	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2381	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2382	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_2383	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_2384	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_2385	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2386	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2387	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_2388	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2389	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_2390	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_2391	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_2392	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_2393	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_2394	2.0685135	-0.2091924	-0.48003639	-0.51635945
## FALSE_2395	-0.1369978	1.5452363	-0.06369117	-0.01843121
## FALSE_2396	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2397	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2398	-1.2397535	-0.7940020	-0.48003639	0.23053290
## FALSE_2399	2.0685135	-0.2091924	2.43438017	-0.26739533
## FALSE_2400	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2401	-0.1369978	0.9604268	0.76899928	-0.26739533
## FALSE_2402	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_2403	-1.2397535	-0.7940020	0.76899928	-0.01843121
## FALSE_2404	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2405	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_2406	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_2407	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_2408	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_2409	-1.2397535	3.2996650	-0.48003639	1.72431762
## FALSE_2410	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2411	-1.2397535	-0.7940020	1.60168972	-0.26739533

## FALSE_2412	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_2413	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2414	-1.2397535	3.2996650	-0.06369117	-0.76532357
## FALSE_2415	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2416	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2417	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_2418	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2419	-0.1369978	0.9604268	-0.06369117	0.47949702
## FALSE_2420	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_2421	-0.1369978	1.5452363	-0.48003639	-0.51635945
## FALSE_2422	0.9657579	-0.2091924	-0.48003639	1.72431762
## FALSE_2423	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2424	-1.2397535	3.2996650	-0.89638162	-0.26739533
## FALSE_2425	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2426	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2427	0.9657579	0.3756172	-0.89638162	-0.51635945
## TRUE_2428	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2429	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_2430	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2431	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2432	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2433	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2434	-1.2397535	-0.7940020	0.76899928	-0.51635945
## FALSE_2435	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2436	-1.2397535	-0.7940020	-0.89638162	0.47949702
## TRUE_2437	-0.1369978	0.9604268	0.76899928	-0.51635945
## FALSE_2438	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2439	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2440	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2441	2.0685135	-0.2091924	1.18534450	2.22224586
## FALSE_2442	-0.1369978	0.9604268	1.60168972	-0.01843121
## FALSE_2443	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_2444	0.9657579	-0.2091924	1.60168972	0.47949702
## FALSE_2445	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_2446	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2447	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_2448	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_2449	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2450	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_2451	-0.1369978	-0.2091924	0.35265405	-0.01843121
## TRUE_2452	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_2453	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_2454	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2455	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2456	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2457	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_2458	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_2459	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2460	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_2461	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2462	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2463	0.9657579	-0.2091924	0.35265405	0.47949702
## FALSE_2464	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2465	-0.1369978	-0.2091924	-0.89638162	-0.51635945

## FALSE_2466	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2467	-0.1369978	4.4692842	0.35265405	-0.26739533
## FALSE_2468	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2469	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_2470	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_2471	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2472	-0.1369978	4.4692842	-0.06369117	-0.01843121
## FALSE_2473	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_2474	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2475	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_2476	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2477	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2478	0.9657579	1.5452363	-0.89638162	-0.26739533
## FALSE_2479	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2480	-0.1369978	1.5452363	-0.48003639	-0.01843121
## FALSE_2481	0.9657579	0.3756172	-0.48003639	-0.76532357
## FALSE_2482	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_2483	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_2484	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2485	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_2486	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2487	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_2488	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2489	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2490	-0.1369978	-0.2091924	1.18534450	1.72431762
## FALSE_2491	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_2492	0.9657579	-0.2091924	0.35265405	1.72431762
## FALSE_2493	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_2494	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2495	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2496	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2497	2.0685135	-0.2091924	-0.89638162	-0.76532357
## FALSE_2498	-0.1369978	0.9604268	1.60168972	-0.01843121
## FALSE_2499	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2500	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2501	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2502	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_2503	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_2504	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2505	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_2506	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2507	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_2508	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2509	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_2510	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2511	-1.2397535	-0.7940020	1.18534450	-0.76532357
## TRUE_2512	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_2513	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2514	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_2515	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2516	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2517	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2518	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2519	-0.1369978	-0.2091924	0.76899928	0.47949702

## FALSE_2520	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_2521	-0.1369978	0.9604268	1.60168972	-0.76532357
## FALSE_2522	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2523	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2524	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2525	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2526	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_2527	-1.2397535	-0.7940020	-0.89638162	2.72017410
## FALSE_2528	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_2529	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2530	-0.1369978	-0.2091924	2.01803495	2.96913822
## FALSE_2531	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2532	-0.1369978	-0.2091924	-0.48003639	1.72431762
## FALSE_2533	-1.2397535	-0.7940020	1.60168972	-0.26739533
## TRUE_2534	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_2535	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2536	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2537	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_2538	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2539	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_2540	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2541	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_2542	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2543	-0.1369978	4.4692842	-0.48003639	-0.26739533
## TRUE_2544	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_2545	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2546	-0.1369978	4.4692842	-0.06369117	-0.51635945
## FALSE_2547	-0.1369978	0.9604268	0.76899928	-0.76532357
## FALSE_2548	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_2549	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2550	-0.1369978	-0.2091924	2.01803495	0.47949702
## FALSE_2551	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2552	-0.1369978	-0.2091924	0.35265405	-0.26739533
## TRUE_2553	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2554	-0.1369978	-0.2091924	1.18534450	1.72431762
## FALSE_2555	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_2556	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_2557	-0.1369978	1.5452363	-0.48003639	-0.01843121
## FALSE_2558	-1.2397535	-0.7940020	-0.06369117	0.72846114
## TRUE_2559	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2560	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_2561	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2562	0.9657579	-0.2091924	1.60168972	2.22224586
## FALSE_2563	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2564	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2565	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_2566	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2567	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_2568	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_2569	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2570	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2571	-1.2397535	-0.2091924	0.35265405	2.72017410
## FALSE_2572	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_2573	-0.1369978	-0.2091924	0.35265405	-0.01843121

## FALSE_2574	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_2575	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2576	-0.1369978	1.5452363	-0.89638162	-0.51635945
## TRUE_2577	0.9657579	-0.2091924	-0.48003639	1.72431762
## FALSE_2578	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_2579	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_2580	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_2581	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2582	-0.1369978	-0.2091924	-0.48003639	0.72846114
## FALSE_2583	0.9657579	-0.2091924	1.18534450	-0.01843121
## FALSE_2584	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_2585	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2586	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_2587	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_2588	-0.1369978	-0.2091924	1.18534450	0.23053290
## FALSE_2589	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2590	-0.1369978	1.5452363	1.18534450	-0.76532357
## FALSE_2591	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2592	-0.1369978	0.9604268	-0.89638162	0.47949702
## FALSE_2593	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2594	-1.2397535	-0.7940020	-0.89638162	3.21810234
## FALSE_2595	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_2596	-0.1369978	4.4692842	1.60168972	-0.01843121
## FALSE_2597	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2598	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2599	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2600	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_2601	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_2602	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2603	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_2604	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_2605	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2606	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2607	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2608	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2609	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2610	-1.2397535	2.1300459	-0.89638162	-0.01843121
## FALSE_2611	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2612	-0.1369978	0.9604268	1.18534450	0.23053290
## TRUE_2613	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2614	-1.2397535	-0.2091924	1.18534450	-0.01843121
## FALSE_2615	-1.2397535	-0.2091924	-0.48003639	-0.01843121
## TRUE_2616	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_2617	-1.2397535	-0.2091924	-0.48003639	2.22224586
## FALSE_2618	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2619	2.0685135	-0.2091924	-0.89638162	0.23053290
## FALSE_2620	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_2621	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_2622	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_2623	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_2624	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2625	-1.2397535	-0.2091924	2.01803495	0.47949702
## FALSE_2626	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2627	-1.2397535	-0.7940020	-0.89638162	-0.51635945

## FALSE_2628	-0.1369978	-0.2091924	-0.06369117	2.47120998
## FALSE_2629	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2630	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_2631	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2632	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_2633	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_2634	4.2740249	-0.2091924	-0.06369117	0.23053290
## FALSE_2635	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2636	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_2637	0.9657579	-0.2091924	-0.06369117	3.46706646
## FALSE_2638	-0.1369978	2.1300459	-0.48003639	-0.26739533
## FALSE_2639	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2640	0.9657579	-0.2091924	-0.06369117	0.47949702
## TRUE_2641	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2642	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2643	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2644	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2645	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_2646	-0.1369978	-0.2091924	2.43438017	0.23053290
## FALSE_2647	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2648	0.9657579	2.7148555	-0.06369117	-0.26739533
## FALSE_2649	0.9657579	-0.2091924	-0.89638162	3.71603057
## FALSE_2650	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_2651	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_2652	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2653	-0.1369978	-0.2091924	2.01803495	3.46706646
## FALSE_2654	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_2655	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2656	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2657	-0.1369978	-0.2091924	-0.48003639	3.71603057
## FALSE_2658	-1.2397535	-0.7940020	0.76899928	-0.26739533
## FALSE_2659	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_2660	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2661	-0.1369978	0.9604268	2.43438017	-0.26739533
## TRUE_2662	0.9657579	-0.2091924	-0.48003639	0.47949702
## FALSE_2663	-0.1369978	-0.2091924	-0.89638162	-0.76532357
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## FALSE_2665	-1.2397535	-0.7940020	-0.89638162	-0.01843121
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## FALSE_2667	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_2668	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2669	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_2670	-0.1369978	-0.2091924	-0.89638162	1.72431762
## TRUE_2671	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2672	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2673	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_2674	-0.1369978	4.4692842	-0.06369117	-0.51635945
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## FALSE_2676	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_2677	-0.1369978	2.1300459	1.60168972	-0.26739533
## FALSE_2678	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2679	0.9657579	-0.2091924	1.60168972	0.23053290
## FALSE_2680	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_2681	-0.1369978	2.7148555	2.43438017	1.72431762

## FALSE_2682	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2683	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2684	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_2685	-0.1369978	-0.2091924	-0.48003639	2.47120998
## FALSE_2686	-0.1369978	1.5452363	1.60168972	-0.26739533
## FALSE_2687	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_2688	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_2689	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2690	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2691	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2692	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2693	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_2694	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2695	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2696	-1.2397535	-0.7940020	-0.06369117	1.72431762
## FALSE_2697	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2698	-0.1369978	-0.2091924	1.60168972	-0.76532357
## TRUE_2699	-0.1369978	2.7148555	0.35265405	-0.01843121
## FALSE_2700	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_2701	0.9657579	-0.2091924	1.60168972	-0.01843121
## FALSE_2702	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2703	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2704	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_2705	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2706	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2707	2.0685135	-0.7940020	-0.89638162	-0.26739533
## TRUE_2708	2.0685135	-0.7940020	-0.48003639	-0.26739533
## FALSE_2709	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_2710	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2711	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_2712	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_2713	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2714	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2715	2.0685135	-0.2091924	-0.89638162	0.47949702
## FALSE_2716	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2717	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_2718	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_2719	0.9657579	-0.2091924	-0.89638162	1.72431762
## TRUE_2720	-1.2397535	3.2996650	0.35265405	3.96499469
## FALSE_2721	2.0685135	-0.7940020	-0.48003639	-0.26739533
## TRUE_2722	-0.1369978	-0.2091924	-0.06369117	0.23053290
## FALSE_2723	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2724	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_2725	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_2726	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2727	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2728	-0.1369978	1.5452363	-0.89638162	3.71603057
## FALSE_2729	-1.2397535	-0.7940020	-0.48003639	3.96499469
## FALSE_2730	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2731	-0.1369978	-0.2091924	1.18534450	-0.26739533
## TRUE_2732	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2733	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2734	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_2735	-0.1369978	-0.2091924	0.35265405	-0.51635945

## FALSE_2736	0.9657579	-0.2091924	2.01803495	-0.51635945
## TRUE_2737	0.9657579	-0.2091924	2.01803495	-0.01843121
## TRUE_2738	-0.1369978	1.5452363	0.76899928	-0.76532357
## FALSE_2739	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_2740	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_2741	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_2742	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_2743	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2744	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_2745	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2746	-0.1369978	2.1300459	-0.89638162	-0.26739533
## TRUE_2747	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2748	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_2749	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2750	-0.1369978	1.5452363	-0.48003639	-0.26739533
## FALSE_2751	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2752	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_2753	0.9657579	-0.2091924	-0.89638162	0.47949702
## TRUE_2754	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_2755	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_2756	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_2757	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2758	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2759	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_2760	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2761	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_2762	-0.1369978	-0.2091924	-0.89638162	0.47949702
## TRUE_2763	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2764	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_2765	0.9657579	-0.2091924	-0.48003639	-0.76532357
## TRUE_2766	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2767	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_2768	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_2769	-0.1369978	1.5452363	0.35265405	-0.51635945
## TRUE_2770	-0.1369978	-0.2091924	-0.89638162	2.47120998
## FALSE_2771	-0.1369978	1.5452363	-0.06369117	-0.76532357
## FALSE_2772	-0.1369978	4.4692842	1.60168972	-0.01843121
## FALSE_2773	0.9657579	0.3756172	0.35265405	-0.01843121
## FALSE_2774	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_2775	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_2776	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_2777	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2778	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2779	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2780	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2781	0.9657579	-0.2091924	0.35265405	0.47949702
## TRUE_2782	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_2783	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2784	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2785	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_2786	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_2787	-0.1369978	-0.2091924	-0.89638162	2.96913822
## FALSE_2788	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2789	-1.2397535	-0.7940020	0.35265405	-0.51635945

## TRUE_2790	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_2791	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2792	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_2793	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2794	0.9657579	-0.2091924	2.43438017	-0.51635945
## TRUE_2795	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_2796	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_2797	-1.2397535	-0.2091924	0.35265405	0.23053290
## FALSE_2798	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2799	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_2800	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2801	-0.1369978	-0.2091924	1.60168972	2.47120998
## FALSE_2802	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2803	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2804	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2805	-0.1369978	4.4692842	1.18534450	-0.76532357
## FALSE_2806	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2807	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2808	-1.2397535	-0.7940020	1.60168972	3.71603057
## FALSE_2809	0.9657579	-0.2091924	0.76899928	-0.01843121
## FALSE_2810	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_2811	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_2812	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_2813	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2814	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2815	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_2816	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_2817	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2818	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_2819	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2820	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_2821	0.9657579	-0.2091924	1.60168972	-0.26739533
## FALSE_2822	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_2823	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_2824	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2825	0.9657579	-0.2091924	-0.06369117	-0.26739533
## TRUE_2826	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_2827	-0.1369978	-0.2091924	2.43438017	2.22224586
## FALSE_2828	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_2829	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2830	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2831	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2832	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_2833	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2834	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2835	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2836	-0.1369978	-0.2091924	1.60168972	2.22224586
## TRUE_2837	-0.1369978	0.9604268	0.35265405	-0.01843121
## FALSE_2838	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2839	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2840	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_2841	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2842	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2843	-0.1369978	-0.2091924	1.60168972	-0.01843121

## FALSE_2844	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2845	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2846	-0.1369978	2.1300459	-0.06369117	-0.51635945
## FALSE_2847	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2848	-0.1369978	1.5452363	1.60168972	-0.76532357
## FALSE_2849	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_2850	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_2851	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2852	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_2853	0.9657579	-0.2091924	1.18534450	-0.76532357
## TRUE_2854	-0.1369978	-0.2091924	-0.89638162	0.47949702
## TRUE_2855	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2856	-0.1369978	-0.7940020	1.60168972	-0.01843121
## FALSE_2857	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_2858	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2859	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_2860	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_2861	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_2862	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_2863	-0.1369978	-0.2091924	-0.89638162	1.72431762
## FALSE_2864	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2865	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## TRUE_2866	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2867	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_2868	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2869	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2870	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_2871	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_2872	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_2873	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_2874	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_2875	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2876	0.9657579	-0.2091924	-0.48003639	0.47949702
## FALSE_2877	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_2878	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_2879	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_2880	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2881	-0.1369978	0.9604268	1.18534450	0.47949702
## FALSE_2882	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2883	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2884	-0.1369978	-0.2091924	0.35265405	0.47949702
## TRUE_2885	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2886	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2887	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_2888	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2889	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_2890	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2891	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2892	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2893	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_2894	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_2895	2.0685135	-0.7940020	1.60168972	-0.01843121
## FALSE_2896	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_2897	0.9657579	-0.2091924	2.01803495	-0.51635945

## FALSE_2898	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2899	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_2900	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2901	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2902	-0.1369978	2.1300459	-0.89638162	-0.26739533
## TRUE_2903	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2904	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2905	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_2906	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2907	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_2908	-0.1369978	0.9604268	-0.89638162	0.23053290
## FALSE_2909	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_2910	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2911	-0.1369978	2.1300459	-0.48003639	-0.51635945
## FALSE_2912	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_2913	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2914	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_2915	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2916	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_2917	0.9657579	-0.2091924	0.35265405	0.47949702
## FALSE_2918	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_2919	0.9657579	0.3756172	-0.06369117	-0.01843121
## FALSE_2920	-0.1369978	1.5452363	-0.06369117	-0.01843121
## TRUE_2921	-0.1369978	0.9604268	0.76899928	0.23053290
## FALSE_2922	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2923	0.9657579	-0.2091924	-0.06369117	1.72431762
## FALSE_2924	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_2925	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_2926	-1.2397535	3.2996650	0.35265405	0.47949702
## FALSE_2927	0.9657579	-0.2091924	-0.06369117	0.47949702
## TRUE_2928	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2929	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_2930	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_2931	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2932	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_2933	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2934	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_2935	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_2936	2.0685135	-0.2091924	2.01803495	-0.26739533
## FALSE_2937	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2938	-0.1369978	1.5452363	1.18534450	0.47949702
## FALSE_2939	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_2940	2.0685135	-0.2091924	-0.48003639	-0.01843121
## FALSE_2941	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_2942	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## TRUE_2943	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_2944	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_2945	0.9657579	-0.2091924	0.35265405	-0.26739533
## TRUE_2946	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_2947	0.9657579	-0.2091924	2.01803495	2.72017410
## FALSE_2948	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_2949	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_2950	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_2951	-0.1369978	0.9604268	-0.06369117	-0.51635945

## FALSE_2952	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2953	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2954	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2955	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_2956	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_2957	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_2958	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2959	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2960	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_2961	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2962	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2963	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2964	2.0685135	-0.2091924	1.18534450	-0.26739533
## FALSE_2965	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2966	-0.1369978	-0.2091924	1.18534450	-0.76532357
## TRUE_2967	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_2968	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2969	0.9657579	0.3756172	0.35265405	-0.51635945
## FALSE_2970	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2971	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_2972	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_2973	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_2974	2.0685135	-0.7940020	0.76899928	-0.76532357
## FALSE_2975	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2976	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_2977	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_2978	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2979	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_2980	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_2981	-0.1369978	-0.2091924	1.60168972	-0.01843121
## TRUE_2982	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2983	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_2984	-0.1369978	1.5452363	1.60168972	-0.26739533
## FALSE_2985	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2986	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2987	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2988	0.9657579	-0.2091924	1.60168972	1.72431762
## FALSE_2989	-1.2397535	-0.7940020	1.60168972	-0.01843121
## TRUE_2990	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_2991	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2992	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_2993	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_2994	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2995	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2996	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2997	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_2998	0.9657579	-0.2091924	1.18534450	0.23053290
## FALSE_2999	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3000	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3001	-0.1369978	4.4692842	-0.06369117	-0.01843121
## FALSE_3002	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_3003	-0.1369978	5.6389033	2.01803495	-0.26739533
## FALSE_3004	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_3005	-0.1369978	-0.2091924	0.76899928	-0.51635945

## FALSE_3006	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3007	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_3008	2.0685135	-0.7940020	0.35265405	-0.51635945
## FALSE_3009	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_3010	2.0685135	-0.2091924	0.35265405	-0.01843121
## FALSE_3011	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3012	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_3013	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_3014	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3015	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3016	-0.1369978	-0.2091924	0.35265405	-0.51635945
## TRUE_3017	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_3018	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3019	-0.1369978	-0.2091924	0.76899928	-0.26739533
## FALSE_3020	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3021	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_3022	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_3023	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_3024	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_3025	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3026	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3027	0.9657579	0.3756172	1.60168972	1.72431762
## FALSE_3028	-0.1369978	-0.2091924	1.18534450	1.72431762
## TRUE_3029	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3030	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_3031	0.9657579	-0.2091924	1.60168972	-0.01843121
## FALSE_3032	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3033	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3034	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3035	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_3036	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_3037	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3038	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3039	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3040	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_3041	-0.1369978	2.7148555	-0.06369117	1.72431762
## FALSE_3042	0.9657579	-0.2091924	0.76899928	-0.01843121
## FALSE_3043	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_3044	2.0685135	-0.7940020	-0.06369117	-0.01843121
## FALSE_3045	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_3046	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_3047	2.0685135	-0.2091924	0.35265405	-0.51635945
## FALSE_3048	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_3049	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_3050	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3051	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_3052	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_3053	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_3054	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_3055	0.9657579	0.3756172	0.35265405	-0.26739533
## FALSE_3056	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_3057	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_3058	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_3059	-1.2397535	-0.7940020	-0.89638162	-0.26739533

## FALSE_3060	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3061	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_3062	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_3063	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_3064	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3065	-0.1369978	2.1300459	1.18534450	-0.26739533
## FALSE_3066	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3067	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_3068	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_3069	-1.2397535	3.2996650	1.18534450	0.47949702
## FALSE_3070	-0.1369978	-0.2091924	-0.48003639	1.72431762
## FALSE_3071	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_3072	0.9657579	-0.2091924	-0.89638162	2.22224586
## TRUE_3073	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_3074	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3075	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_3076	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_3077	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_3078	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3079	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3080	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_3081	2.0685135	-0.2091924	-0.06369117	-0.76532357
## TRUE_3082	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_3083	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3084	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_3085	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_3086	-0.1369978	2.1300459	1.18534450	0.47949702
## FALSE_3087	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_3088	-0.1369978	2.1300459	0.35265405	-0.26739533
## FALSE_3089	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_3090	-1.2397535	-0.7940020	-0.06369117	2.72017410
## FALSE_3091	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_3092	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_3093	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_3094	-0.1369978	-0.2091924	-0.89638162	1.72431762
## FALSE_3095	-0.1369978	1.5452363	-0.06369117	0.47949702
## FALSE_3096	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_3097	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_3098	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_3099	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3100	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_3101	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_3102	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_3103	0.9657579	-0.2091924	1.18534450	2.72017410
## FALSE_3104	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3105	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_3106	0.9657579	0.3756172	-0.89638162	-0.01843121
## FALSE_3107	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3108	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_3109	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3110	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_3111	0.9657579	0.3756172	-0.89638162	-0.01843121
## FALSE_3112	-1.2397535	3.2996650	0.35265405	1.72431762
## FALSE_3113	0.9657579	-0.2091924	-0.06369117	3.71603057

## FALSE_3114	-0.1369978	0.9604268	-0.89638162	0.47949702
## FALSE_3115	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_3116	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## TRUE_3117	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3118	-0.1369978	1.5452363	1.18534450	-0.01843121
## FALSE_3119	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3120	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3121	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_3122	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3123	0.9657579	-0.2091924	-0.06369117	0.47949702
## TRUE_3124	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_3125	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_3126	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_3127	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3128	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_3129	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_3130	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3131	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3132	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3133	2.0685135	1.5452363	-0.89638162	2.22224586
## FALSE_3134	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_3135	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_3136	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_3137	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3138	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_3139	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3140	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_3141	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3142	2.0685135	-0.7940020	-0.89638162	-0.01843121
## TRUE_3143	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3144	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3145	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_3146	-0.1369978	2.1300459	-0.89638162	-0.51635945
## TRUE_3147	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3148	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3149	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_3150	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_3151	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_3152	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3153	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_3154	-0.1369978	-0.2091924	0.76899928	-0.76532357
## TRUE_3155	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_3156	0.9657579	0.3756172	-0.06369117	-0.01843121
## FALSE_3157	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3158	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_3159	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3160	4.2740249	-0.2091924	0.35265405	0.23053290
## FALSE_3161	-0.1369978	0.9604268	2.43438017	0.23053290
## FALSE_3162	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_3163	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_3164	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3165	-1.2397535	-0.7940020	-0.06369117	0.47949702
## FALSE_3166	-0.1369978	0.9604268	-0.89638162	0.47949702
## FALSE_3167	-0.1369978	-0.2091924	1.60168972	-0.51635945

## FALSE_3168	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_3169	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_3170	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3171	-0.1369978	4.4692842	-0.89638162	-0.76532357
## TRUE_3172	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_3173	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_3174	-0.1369978	1.5452363	-0.48003639	0.47949702
## FALSE_3175	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3176	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_3177	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_3178	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_3179	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3180	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_3181	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3182	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_3183	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3184	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_3185	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_3186	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3187	-0.1369978	1.5452363	0.35265405	-0.26739533
## FALSE_3188	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3189	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_3190	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_3191	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_3192	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_3193	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3194	2.0685135	-0.7940020	-0.06369117	-0.01843121
## FALSE_3195	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_3196	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3197	2.0685135	-0.7940020	-0.06369117	-0.01843121
## FALSE_3198	-0.1369978	0.9604268	1.60168972	0.47949702
## FALSE_3199	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_3200	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_3201	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_3202	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3203	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_3204	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_3205	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_3206	2.0685135	-0.2091924	-0.89638162	-0.01843121
## FALSE_3207	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3208	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_3209	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_3210	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_3211	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_3212	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_3213	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3214	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3215	-1.2397535	-0.7940020	1.18534450	0.47949702
## FALSE_3216	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_3217	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3218	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3219	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3220	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3221	-0.1369978	-0.2091924	-0.89638162	-0.01843121

## FALSE_3222	-0.1369978	1.5452363	-0.89638162	1.72431762
## FALSE_3223	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3224	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3225	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_3226	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_3227	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_3228	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_3229	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_3230	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_3231	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3232	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_3233	-0.1369978	1.5452363	-0.06369117	0.47949702
## TRUE_3234	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3235	0.9657579	-0.2091924	2.43438017	2.22224586
## FALSE_3236	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3237	-0.1369978	0.9604268	-0.89638162	0.47949702
## FALSE_3238	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3239	0.9657579	-0.2091924	2.43438017	-0.26739533
## FALSE_3240	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3241	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_3242	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## TRUE_3243	-1.2397535	-0.2091924	1.18534450	-0.51635945
## FALSE_3244	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_3245	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_3246	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3247	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_3248	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_3249	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_3250	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3251	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_3252	2.0685135	-0.2091924	-0.06369117	-0.01843121
## FALSE_3253	2.0685135	-0.2091924	-0.89638162	1.72431762
## FALSE_3254	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_3255	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3256	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_3257	-0.1369978	1.5452363	-0.06369117	0.47949702
## FALSE_3258	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_3259	0.9657579	0.3756172	-0.89638162	-0.01843121
## FALSE_3260	-0.1369978	4.4692842	0.35265405	-0.76532357
## FALSE_3261	-0.1369978	-0.2091924	1.18534450	-0.76532357
## TRUE_3262	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3263	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_3264	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3265	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_3266	0.9657579	-0.2091924	-0.89638162	-0.01843121
## TRUE_3267	-1.2397535	-0.7940020	1.18534450	0.23053290
## FALSE_3268	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_3269	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_3270	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_3271	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_3272	-0.1369978	4.4692842	-0.89638162	-0.01843121
## FALSE_3273	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_3274	-1.2397535	3.2996650	-0.89638162	1.72431762
## FALSE_3275	2.0685135	-0.7940020	-0.89638162	-0.26739533

## FALSE_3276	2.0685135	-0.7940020	-0.48003639	-0.01843121
## FALSE_3277	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_3278	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3279	-0.1369978	-0.2091924	2.01803495	0.47949702
## FALSE_3280	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3281	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3282	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3283	-0.1369978	1.5452363	2.01803495	-0.01843121
## FALSE_3284	0.9657579	-0.2091924	1.60168972	-0.01843121
## FALSE_3285	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_3286	-0.1369978	1.5452363	-0.89638162	0.23053290
## FALSE_3287	-0.1369978	2.7148555	-0.89638162	-0.51635945
## TRUE_3288	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_3289	-0.1369978	4.4692842	-0.48003639	-0.51635945
## TRUE_3290	-1.2397535	-0.7940020	2.01803495	-0.01843121
## TRUE_3291	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_3292	0.9657579	-0.2091924	-0.06369117	1.72431762
## FALSE_3293	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3294	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## TRUE_3295	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_3296	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_3297	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3298	-1.2397535	-0.7940020	1.18534450	2.22224586
## FALSE_3299	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3300	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_3301	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_3302	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_3303	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3304	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_3305	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3306	-1.2397535	-0.7940020	-0.89638162	2.72017410
## FALSE_3307	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3308	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_3309	0.9657579	-0.2091924	-0.48003639	0.47949702
## TRUE_3310	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3311	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_3312	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_3313	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3314	6.4795363	1.5452363	-0.89638162	-0.51635945
## FALSE_3315	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_3316	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_3317	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_3318	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3319	-0.1369978	0.9604268	1.60168972	-0.01843121
## FALSE_3320	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_3321	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_3322	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_3323	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3324	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_3325	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_3326	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_3327	-0.1369978	4.4692842	1.18534450	-0.26739533
## FALSE_3328	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_3329	-1.2397535	-0.2091924	-0.89638162	-0.01843121

## TRUE_3330	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_3331	2.0685135	-0.7940020	-0.06369117	-0.01843121
## FALSE_3332	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3333	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_3334	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_3335	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_3336	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3337	-0.1369978	2.1300459	-0.06369117	-0.01843121
## FALSE_3338	0.9657579	-0.2091924	2.01803495	0.47949702
## FALSE_3339	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3340	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3341	0.9657579	-0.2091924	-0.06369117	-0.26739533
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## FALSE_3344	-0.1369978	1.5452363	1.18534450	-0.26739533
## FALSE_3345	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3346	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_3347	-0.1369978	2.7148555	-0.89638162	0.47949702
## TRUE_3348	-0.1369978	-0.2091924	0.76899928	-0.26739533
## FALSE_3349	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_3350	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_3351	2.0685135	1.5452363	-0.89638162	-0.01843121
## FALSE_3352	-1.2397535	-0.7940020	-0.06369117	-0.51635945
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## FALSE_3357	-0.1369978	-0.2091924	-0.06369117	-0.51635945
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## FALSE_3359	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3360	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_3361	-0.1369978	-0.2091924	-0.89638162	-0.01843121
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## FALSE_3363	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_3364	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3365	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_3366	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3367	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_3368	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3369	2.0685135	-0.2091924	-0.48003639	-0.51635945
## TRUE_3370	-0.1369978	-0.2091924	-0.89638162	-0.51635945
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## FALSE_3377	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_3378	2.0685135	-0.7940020	2.43438017	-0.76532357
## FALSE_3379	-0.1369978	-0.2091924	0.35265405	-0.26739533
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## FALSE_3381	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3382	-0.1369978	-0.2091924	0.35265405	1.72431762
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## TRUE_3385	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3386	0.9657579	-0.2091924	-0.89638162	0.47949702
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## FALSE_3390	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_3391	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3392	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_3393	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3394	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_3395	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_3396	5.3767806	-0.7940020	1.18534450	-0.26739533
## FALSE_3397	2.0685135	-0.2091924	-0.89638162	2.22224586
## FALSE_3398	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3399	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_3400	-1.2397535	-0.7940020	1.60168972	-0.76532357
## FALSE_3401	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3402	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_3403	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_3404	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3405	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_3406	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3407	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_3408	4.2740249	-0.2091924	-0.48003639	-0.51635945
## FALSE_3409	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_3410	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_3411	0.9657579	-0.2091924	1.60168972	2.22224586
## FALSE_3412	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_3413	-0.1369978	-0.2091924	-0.89638162	0.72846114
## TRUE_3414	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3415	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3416	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_3417	-0.1369978	0.9604268	-0.06369117	-0.01843121
## TRUE_3418	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_3419	-1.2397535	-0.7940020	1.60168972	-0.01843121
## FALSE_3420	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_3421	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3422	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3423	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3424	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_3425	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3426	-0.1369978	1.5452363	2.43438017	-0.01843121
## FALSE_3427	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_3428	0.9657579	-0.2091924	2.43438017	-0.26739533
## FALSE_3429	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3430	2.0685135	-0.2091924	-0.06369117	2.22224586
## FALSE_3431	-0.1369978	0.9604268	-0.89638162	0.23053290
## FALSE_3432	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_3433	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_3434	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_3435	-0.1369978	0.9604268	1.60168972	0.47949702
## FALSE_3436	-1.2397535	3.2996650	0.35265405	-0.01843121
## FALSE_3437	-0.1369978	-0.2091924	1.60168972	0.23053290

## TRUE_3438	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_3439	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3440	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3441	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_3442	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_3443	0.9657579	0.3756172	2.01803495	1.72431762
## FALSE_3444	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3445	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3446	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3447	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3448	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3449	-1.2397535	-0.2091924	-0.48003639	1.72431762
## FALSE_3450	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3451	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3452	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3453	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_3454	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_3455	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_3456	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_3457	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_3458	-0.1369978	4.4692842	-0.48003639	-0.51635945
## FALSE_3459	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_3460	2.0685135	-0.7940020	1.60168972	-0.51635945
## FALSE_3461	0.9657579	-0.2091924	-0.89638162	-0.01843121
## TRUE_3462	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_3463	-1.2397535	-0.7940020	1.60168972	-0.76532357
## TRUE_3464	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_3465	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_3466	0.9657579	-0.2091924	2.43438017	-0.01843121
## FALSE_3467	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_3468	-0.1369978	-0.2091924	-0.06369117	0.23053290
## FALSE_3469	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3470	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_3471	-0.1369978	-0.2091924	0.76899928	2.22224586
## FALSE_3472	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3473	-0.1369978	-0.2091924	1.18534450	-0.51635945
## TRUE_3474	2.0685135	-0.7940020	-0.06369117	-0.76532357
## TRUE_3475	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_3476	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3477	2.0685135	-0.7940020	-0.89638162	-0.26739533
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## TRUE_3479	-0.1369978	1.5452363	-0.89638162	-0.51635945
## TRUE_3480	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_3481	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_3482	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_3483	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_3484	0.9657579	0.3756172	-0.48003639	-0.51635945
## FALSE_3485	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3486	-1.2397535	-0.7940020	-0.48003639	0.23053290
## TRUE_3487	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_3488	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_3489	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3490	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_3491	0.9657579	-0.2091924	-0.06369117	2.22224586

## FALSE_3492	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_3493	-1.2397535	-0.7940020	0.35265405	-0.26739533
## TRUE_3494	-0.1369978	-0.2091924	2.43438017	2.22224586
## FALSE_3495	0.9657579	-0.2091924	-0.89638162	2.22224586
## TRUE_3496	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3497	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_3498	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_3499	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_3500	0.9657579	-0.2091924	-0.48003639	2.22224586
## TRUE_3501	-0.1369978	4.4692842	1.18534450	-0.01843121
## FALSE_3502	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_3503	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_3504	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3505	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3506	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3507	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_3508	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_3509	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_3510	-0.1369978	-0.2091924	2.01803495	-0.26739533
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## FALSE_3512	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_3513	-0.1369978	-0.2091924	-0.06369117	-0.51635945
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## FALSE_3515	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_3516	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_3517	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_3518	-1.2397535	-0.7940020	0.35265405	-0.26739533
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## FALSE_3520	-0.1369978	-0.2091924	-0.06369117	-0.26739533
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## FALSE_3522	-1.2397535	-0.7940020	-0.89638162	-0.76532357
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## TRUE_3530	2.0685135	-0.2091924	-0.89638162	3.71603057
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## FALSE_3534	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3535	-0.1369978	4.4692842	-0.89638162	-0.76532357
## FALSE_3536	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_3537	-0.1369978	-0.2091924	2.01803495	-0.51635945
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## FALSE_3544	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_3545	-0.1369978	-0.2091924	-0.89638162	-0.51635945

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## FALSE_3548	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_3549	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3550	-0.1369978	0.9604268	0.35265405	-0.51635945
## TRUE_3551	-0.1369978	-0.2091924	-0.48003639	2.47120998
## FALSE_3552	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_3553	-1.2397535	-0.2091924	-0.89638162	-0.26739533
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## FALSE_3580	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_3581	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_3582	-0.1369978	-0.2091924	2.43438017	0.23053290
## TRUE_3583	0.9657579	-0.2091924	-0.48003639	0.23053290
## FALSE_3584	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_3585	0.9657579	-0.2091924	-0.06369117	-0.51635945
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## FALSE_3588	-0.1369978	-0.2091924	-0.06369117	2.22224586
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## FALSE_3592	-0.1369978	-0.2091924	-0.48003639	0.47949702
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## FALSE_3595	-1.2397535	-0.7940020	1.60168972	-0.01843121
## FALSE_3596	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_3597	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_3598	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3599	-0.1369978	1.5452363	-0.89638162	-0.26739533

## FALSE_3600	-0.1369978	2.1300459	-0.06369117	-0.26739533
## FALSE_3601	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3602	0.9657579	-0.2091924	0.35265405	0.23053290
## FALSE_3603	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_3604	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3605	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3606	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3607	0.9657579	-0.2091924	0.76899928	-0.01843121
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## TRUE_3635	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3636	-0.1369978	2.7148555	1.60168972	-0.26739533
## FALSE_3637	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_3638	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_3639	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_3640	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3641	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_3642	-0.1369978	4.4692842	-0.48003639	0.23053290
## FALSE_3643	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_3644	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_3645	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_3646	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_3647	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_3648	0.9657579	-0.2091924	1.18534450	-0.01843121
## TRUE_3649	2.0685135	-0.7940020	-0.48003639	-0.51635945
## FALSE_3650	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_3651	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_3652	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_3653	0.9657579	-0.2091924	-0.48003639	2.22224586

## FALSE_3654	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_3655	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3656	-0.1369978	0.9604268	-0.48003639	-0.01843121
## FALSE_3657	-0.1369978	4.4692842	-0.89638162	-0.76532357
## FALSE_3658	-0.1369978	0.9604268	-0.48003639	-0.51635945
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## FALSE_3660	-0.1369978	2.1300459	1.18534450	0.47949702
## TRUE_3661	-0.1369978	-0.2091924	-0.89638162	-0.76532357
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## FALSE_3664	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3665	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_3666	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_3667	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_3668	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_3669	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_3670	-0.1369978	1.5452363	-0.48003639	0.47949702
## FALSE_3671	-1.2397535	-0.7940020	0.76899928	-0.01843121
## FALSE_3672	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3673	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_3674	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_3675	0.9657579	-0.2091924	1.60168972	0.47949702
## FALSE_3676	-0.1369978	0.9604268	0.76899928	0.47949702
## FALSE_3677	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_3678	-0.1369978	4.4692842	1.18534450	-0.76532357
## FALSE_3679	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3680	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_3681	-0.1369978	0.9604268	-0.48003639	0.47949702
## FALSE_3682	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_3683	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3684	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3685	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_3686	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_3687	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_3688	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_3689	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3690	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_3691	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_3692	-1.2397535	3.2996650	0.35265405	3.96499469
## FALSE_3693	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3694	0.9657579	-0.2091924	-0.48003639	3.46706646
## FALSE_3695	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_3696	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_3697	-0.1369978	1.5452363	-0.89638162	0.47949702
## FALSE_3698	-1.2397535	-0.7940020	-0.89638162	2.22224586
## FALSE_3699	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_3700	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_3701	-0.1369978	0.9604268	-0.89638162	0.47949702
## FALSE_3702	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_3703	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_3704	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_3705	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_3706	-0.1369978	0.9604268	-0.06369117	0.47949702
## FALSE_3707	0.9657579	0.3756172	2.43438017	-0.76532357

## FALSE_3708	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3709	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_3710	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3711	2.0685135	-0.7940020	-0.48003639	-0.51635945
## FALSE_3712	-1.2397535	3.2996650	-0.06369117	-0.51635945
## FALSE_3713	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_3714	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3715	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_3716	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_3717	0.9657579	-0.2091924	1.18534450	-0.76532357
## TRUE_3718	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3719	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_3720	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_3721	-1.2397535	-0.2091924	-0.48003639	-0.01843121
## FALSE_3722	-1.2397535	-0.2091924	-0.06369117	-0.01843121
## FALSE_3723	0.9657579	0.3756172	-0.06369117	-0.76532357
## TRUE_3724	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_3725	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_3726	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3727	-0.1369978	2.1300459	-0.48003639	0.23053290
## FALSE_3728	0.9657579	0.3756172	-0.89638162	2.72017410
## FALSE_3729	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3730	-0.1369978	0.9604268	-0.48003639	-0.01843121
## FALSE_3731	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3732	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_3733	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3734	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_3735	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3736	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3737	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3738	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3739	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_3740	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_3741	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_3742	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_3743	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3744	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_3745	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3746	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_3747	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3748	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_3749	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_3750	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_3751	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_3752	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_3753	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_3754	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_3755	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3756	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3757	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_3758	0.9657579	-0.2091924	-0.89638162	0.72846114
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## FALSE_3760	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_3761	-0.1369978	-0.2091924	2.43438017	-0.26739533

## FALSE_3762	0.9657579	-0.2091924	1.60168972	2.22224586
## TRUE_3763	-0.1369978	1.5452363	1.60168972	-0.01843121
## FALSE_3764	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3765	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_3766	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_3767	0.9657579	-0.2091924	0.35265405	-0.01843121
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## FALSE_3770	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_3771	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3772	-1.2397535	3.2996650	-0.06369117	-0.51635945
## FALSE_3773	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3774	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_3775	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_3776	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_3777	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3778	-0.1369978	1.5452363	-0.89638162	0.47949702
## FALSE_3779	-0.1369978	0.9604268	0.35265405	-0.26739533
## FALSE_3780	-0.1369978	-0.2091924	1.60168972	3.46706646
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## FALSE_3782	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_3783	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_3784	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3785	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_3786	-1.2397535	3.2996650	-0.06369117	1.72431762
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## FALSE_3788	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_3789	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_3790	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3791	2.0685135	-0.7940020	0.35265405	-0.26739533
## FALSE_3792	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3793	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_3794	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3795	-0.1369978	-0.2091924	-0.06369117	-0.76532357
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## FALSE_3797	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3798	2.0685135	-0.2091924	-0.06369117	0.47949702
## FALSE_3799	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3800	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_3801	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_3802	-1.2397535	-0.7940020	2.01803495	-0.26739533
## FALSE_3803	-0.1369978	2.1300459	-0.89638162	-0.01843121
## FALSE_3804	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3805	-0.1369978	2.7148555	-0.89638162	-0.51635945
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## FALSE_3808	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3809	2.0685135	-0.2091924	2.01803495	-0.01843121
## TRUE_3810	-0.1369978	-0.2091924	1.18534450	-0.51635945
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## FALSE_3812	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3813	2.0685135	-0.7940020	0.35265405	0.47949702
## FALSE_3814	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_3815	0.9657579	-0.2091924	0.35265405	-0.76532357

## FALSE_3816	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_3817	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_3818	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_3819	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3820	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_3821	-0.1369978	-0.2091924	1.18534450	-0.26739533
## TRUE_3822	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_3823	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_3824	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_3825	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3826	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_3827	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_3828	-0.1369978	2.1300459	-0.48003639	2.22224586
## FALSE_3829	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3830	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_3831	-1.2397535	-0.7940020	-0.89638162	2.72017410
## FALSE_3832	-1.2397535	-0.7940020	-0.89638162	-0.26739533
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## FALSE_3835	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3836	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3837	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_3838	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_3839	-0.1369978	-0.2091924	-0.89638162	2.22224586
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## FALSE_3850	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_3851	-0.1369978	2.1300459	-0.48003639	1.72431762
## FALSE_3852	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3853	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3854	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_3855	-1.2397535	-0.7940020	0.76899928	-0.26739533
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## FALSE_3858	-1.2397535	-0.7940020	0.35265405	-0.01843121
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## FALSE_3861	-1.2397535	-0.7940020	-0.89638162	2.72017410
## TRUE_3862	-0.1369978	-0.2091924	2.01803495	-0.26739533
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## TRUE_3865	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3866	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3867	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_3868	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3869	-0.1369978	-0.2091924	0.76899928	-0.01843121

## FALSE_3870	-1.2397535	-0.2091924	-0.89638162	0.47949702
## FALSE_3871	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3872	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_3873	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3874	-0.1369978	-0.2091924	-0.48003639	-0.51635945
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## FALSE_3876	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3877	-1.2397535	-0.7940020	0.35265405	-0.76532357
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## TRUE_3879	-0.1369978	-0.2091924	2.43438017	0.47949702
## FALSE_3880	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_3881	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_3882	2.0685135	-0.2091924	-0.06369117	0.47949702
## FALSE_3883	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_3884	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3885	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_3886	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3887	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_3888	-0.1369978	1.5452363	-0.89638162	0.47949702
## TRUE_3889	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3890	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3891	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_3892	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_3893	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3894	-0.1369978	-0.2091924	-0.89638162	3.71603057
## FALSE_3895	-1.2397535	-0.7940020	1.18534450	-0.76532357
## TRUE_3896	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3897	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_3898	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3899	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_3900	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_3901	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_3902	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## TRUE_3903	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_3904	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_3905	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_3906	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_3907	-0.1369978	0.9604268	1.18534450	-0.76532357
## FALSE_3908	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3909	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3910	-0.1369978	0.9604268	1.60168972	-0.76532357
## TRUE_3911	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_3912	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_3913	-1.2397535	-0.7940020	0.35265405	2.72017410
## TRUE_3914	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_3915	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_3916	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_3917	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_3918	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3919	-0.1369978	-0.2091924	1.60168972	1.72431762
## FALSE_3920	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3921	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_3922	0.9657579	-0.2091924	-0.48003639	-0.51635945
## TRUE_3923	-0.1369978	1.5452363	-0.89638162	-0.01843121

## FALSE_3924	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_3925	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3926	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_3927	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3928	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3929	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3930	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_3931	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_3932	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3933	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_3934	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3935	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3936	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_3937	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_3938	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_3939	-0.1369978	0.9604268	1.18534450	0.47949702
## FALSE_3940	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3941	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_3942	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_3943	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3944	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_3945	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_3946	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_3947	-0.1369978	0.9604268	1.18534450	-0.01843121
## FALSE_3948	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_3949	-0.1369978	-0.2091924	2.43438017	-0.51635945
## TRUE_3950	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_3951	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3952	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_3953	-0.1369978	4.4692842	-0.06369117	-0.76532357
## FALSE_3954	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_3955	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3956	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_3957	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3958	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3959	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_3960	-0.1369978	-0.2091924	-0.48003639	0.23053290
## FALSE_3961	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_3962	-1.2397535	-0.7940020	2.01803495	0.23053290
## FALSE_3963	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3964	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3965	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_3966	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_3967	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_3968	-0.1369978	0.9604268	2.01803495	-0.51635945
## FALSE_3969	2.0685135	-0.2091924	0.35265405	2.22224586
## FALSE_3970	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3971	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_3972	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_3973	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_3974	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_3975	0.9657579	-0.2091924	-0.89638162	2.22224586
## TRUE_3976	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3977	0.9657579	-0.2091924	1.18534450	-0.01843121

## FALSE_3978	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_3979	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3980	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_3981	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_3982	-0.1369978	2.7148555	1.60168972	-0.01843121
## FALSE_3983	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_3984	-0.1369978	-0.2091924	0.76899928	2.22224586
## FALSE_3985	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_3986	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_3987	-1.2397535	-0.7940020	0.76899928	-0.01843121
## TRUE_3988	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_3989	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_3990	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_3991	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_3992	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_3993	-1.2397535	3.2996650	-0.89638162	1.72431762
## TRUE_3994	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_3995	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3996	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_3997	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3998	-1.2397535	-0.7940020	2.43438017	-0.01843121
## FALSE_3999	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_4000	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4001	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4002	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_4003	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4004	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_4005	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_4006	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_4007	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_4008	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4009	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_4010	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_4011	-0.1369978	1.5452363	-0.06369117	-0.76532357
## FALSE_4012	-0.1369978	-0.2091924	2.01803495	-0.26739533
## TRUE_4013	0.9657579	1.5452363	1.60168972	-0.51635945
## TRUE_4014	-0.1369978	-0.2091924	2.43438017	-0.51635945
## TRUE_4015	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4016	-0.1369978	-0.2091924	2.01803495	-0.26739533
## TRUE_4017	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4018	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_4019	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_4020	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_4021	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_4022	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4023	0.9657579	-0.2091924	-0.89638162	0.72846114
## FALSE_4024	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_4025	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4026	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_4027	-0.1369978	-0.2091924	0.76899928	0.23053290
## FALSE_4028	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4029	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4030	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_4031	-0.1369978	-0.2091924	1.60168972	-0.26739533

## FALSE_4032	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4033	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_4034	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4035	-0.1369978	2.1300459	1.60168972	2.22224586
## FALSE_4036	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4037	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4038	-1.2397535	-0.7940020	0.35265405	0.23053290
## FALSE_4039	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_4040	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_4041	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4042	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_4043	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4044	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4045	-0.1369978	0.9604268	2.43438017	3.96499469
## FALSE_4046	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_4047	-0.1369978	-0.2091924	1.18534450	1.72431762
## FALSE_4048	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_4049	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_4050	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_4051	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4052	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_4053	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4054	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_4055	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_4056	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_4057	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4058	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4059	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_4060	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_4061	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4062	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_4063	0.9657579	-0.2091924	1.18534450	1.72431762
## FALSE_4064	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_4065	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_4066	-1.2397535	-0.7940020	2.01803495	-0.26739533
## TRUE_4067	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_4068	-0.1369978	-0.2091924	0.35265405	-0.26739533
## TRUE_4069	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_4070	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4071	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_4072	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4073	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4074	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_4075	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_4076	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_4077	-0.1369978	4.4692842	2.01803495	-0.51635945
## FALSE_4078	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_4079	-0.1369978	4.4692842	-0.89638162	0.23053290
## FALSE_4080	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4081	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_4082	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_4083	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4084	-0.1369978	4.4692842	-0.06369117	-0.26739533
## FALSE_4085	0.9657579	-0.2091924	-0.06369117	2.22224586

## FALSE_4086	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_4087	-0.1369978	4.4692842	-0.06369117	-0.76532357
## FALSE_4088	0.9657579	-0.2091924	0.76899928	-0.01843121
## FALSE_4089	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4090	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4091	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## TRUE_4092	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4093	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4094	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_4095	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4096	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4097	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4098	-1.2397535	3.2996650	-0.89638162	-0.01843121
## FALSE_4099	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4100	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_4101	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_4102	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4103	0.9657579	-0.2091924	0.35265405	3.96499469
## FALSE_4104	-0.1369978	-0.2091924	1.18534450	-0.01843121
## TRUE_4105	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4106	0.9657579	-0.2091924	2.43438017	2.22224586
## FALSE_4107	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_4108	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4109	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4110	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4111	-0.1369978	-0.2091924	-0.89638162	1.72431762
## FALSE_4112	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4113	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_4114	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_4115	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4116	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4117	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4118	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4119	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4120	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4121	0.9657579	-0.2091924	2.01803495	-0.26739533
## FALSE_4122	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_4123	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_4124	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4125	0.9657579	-0.2091924	1.60168972	-0.01843121
## TRUE_4126	-0.1369978	-0.2091924	-0.89638162	0.47949702
## TRUE_4127	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_4128	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_4129	0.9657579	-0.2091924	-0.48003639	3.71603057
## FALSE_4130	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_4131	-0.1369978	2.1300459	1.18534450	2.22224586
## FALSE_4132	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4133	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4134	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4135	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4136	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_4137	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_4138	-0.1369978	0.9604268	1.60168972	-0.26739533
## FALSE_4139	-0.1369978	-0.2091924	1.60168972	-0.26739533

## FALSE_4140	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_4141	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4142	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4143	-0.1369978	1.5452363	1.18534450	-0.26739533
## FALSE_4144	0.9657579	-0.2091924	-0.89638162	2.72017410
## FALSE_4145	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_4146	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4147	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4148	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4149	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_4150	0.9657579	0.3756172	0.76899928	-0.51635945
## FALSE_4151	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_4152	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4153	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4154	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4155	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4156	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_4157	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_4158	-0.1369978	1.5452363	-0.48003639	-0.51635945
## FALSE_4159	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_4160	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4161	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4162	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_4163	-0.1369978	1.5452363	1.60168972	-0.51635945
## FALSE_4164	0.9657579	-0.2091924	0.35265405	-0.26739533
## TRUE_4165	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4166	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4167	0.9657579	-0.2091924	2.43438017	-0.26739533
## FALSE_4168	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4169	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4170	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_4171	0.9657579	0.3756172	-0.06369117	-0.76532357
## TRUE_4172	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_4173	-1.2397535	-0.7940020	0.35265405	-0.26739533
## TRUE_4174	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4175	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4176	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4177	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4178	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4179	-1.2397535	-0.2091924	-0.48003639	-0.01843121
## FALSE_4180	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_4181	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_4182	-0.1369978	4.4692842	-0.06369117	-0.26739533
## FALSE_4183	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4184	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_4185	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4186	-0.1369978	1.5452363	0.76899928	-0.51635945
## FALSE_4187	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4188	0.9657579	-0.2091924	-0.48003639	-0.26739533
## TRUE_4189	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4190	0.9657579	-0.2091924	0.76899928	-0.51635945
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## FALSE_4192	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_4193	-0.1369978	-0.2091924	2.43438017	-0.51635945

## FALSE_4194	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4195	-0.1369978	-0.2091924	-0.89638162	3.71603057
## FALSE_4196	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4197	-0.1369978	-0.2091924	0.76899928	2.22224586
## FALSE_4198	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_4199	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4200	-0.1369978	-0.2091924	1.18534450	0.23053290
## TRUE_4201	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4202	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_4203	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_4204	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4205	0.9657579	0.3756172	-0.06369117	-0.51635945
## FALSE_4206	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_4207	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4208	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4209	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4210	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4211	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_4212	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_4213	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4214	-0.1369978	-0.2091924	2.01803495	0.47949702
## FALSE_4215	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4216	2.0685135	-0.2091924	-0.89638162	2.22224586
## FALSE_4217	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4218	-1.2397535	-0.7940020	1.18534450	2.72017410
## TRUE_4219	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4220	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4221	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4222	-0.1369978	-0.2091924	1.18534450	0.23053290
## FALSE_4223	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_4224	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_4225	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_4226	-0.1369978	4.4692842	-0.06369117	-0.26739533
## FALSE_4227	-0.1369978	0.9604268	-0.48003639	-0.01843121
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## FALSE_4230	-0.1369978	-0.2091924	-0.06369117	3.46706646
## FALSE_4231	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4232	-0.1369978	2.1300459	1.18534450	-0.76532357
## FALSE_4233	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4234	0.9657579	-0.2091924	1.18534450	-0.01843121
## TRUE_4235	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4236	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4237	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_4238	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4239	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4240	-0.1369978	-0.2091924	-0.48003639	-0.01843121
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## FALSE_4243	-0.1369978	4.4692842	0.35265405	-0.51635945
## FALSE_4244	-0.1369978	1.5452363	-0.06369117	0.47949702
## TRUE_4245	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_4246	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4247	0.9657579	-0.2091924	-0.89638162	2.22224586

## FALSE_4248	-1.2397535	-0.7940020	1.18534450	-0.51635945
## TRUE_4249	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_4250	-0.1369978	-0.2091924	2.01803495	0.47949702
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## FALSE_4252	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_4253	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_4254	-0.1369978	-0.2091924	1.18534450	-0.51635945
## TRUE_4255	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4256	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_4257	0.9657579	-0.2091924	-0.48003639	-0.51635945
## TRUE_4258	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_4259	-0.1369978	-0.2091924	0.35265405	0.47949702
## TRUE_4260	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_4261	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_4262	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4263	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4264	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4265	-1.2397535	-0.7940020	2.01803495	-0.01843121
## FALSE_4266	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4267	-0.1369978	0.9604268	2.01803495	-0.01843121
## TRUE_4268	-0.1369978	-0.2091924	-0.48003639	2.22224586
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## FALSE_4274	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4275	-0.1369978	-0.2091924	1.60168972	-0.51635945
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## FALSE_4278	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4279	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_4280	-1.2397535	3.2996650	-0.89638162	3.71603057
## TRUE_4281	-1.2397535	-0.7940020	0.76899928	-0.51635945
## FALSE_4282	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_4283	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_4284	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_4285	-1.2397535	-0.2091924	2.43438017	-0.01843121
## FALSE_4286	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4287	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_4288	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4289	0.9657579	0.3756172	0.35265405	-0.51635945
## FALSE_4290	-0.1369978	-0.2091924	-0.89638162	2.22224586
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## FALSE_4296	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_4297	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_4298	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_4299	2.0685135	-0.2091924	-0.06369117	-0.26739533
## FALSE_4300	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_4301	-0.1369978	-0.2091924	0.35265405	-0.51635945

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## FALSE_4303	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4304	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4305	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4306	0.9657579	0.3756172	-0.89638162	-0.76532357
## FALSE_4307	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4308	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_4309	-1.2397535	-0.2091924	-0.06369117	-0.51635945
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## FALSE_4312	0.9657579	-0.2091924	-0.06369117	0.47949702
## TRUE_4313	-0.1369978	-0.2091924	-0.48003639	-0.51635945
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## FALSE_4315	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4316	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_4317	0.9657579	0.3756172	-0.48003639	1.72431762
## FALSE_4318	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4319	-0.1369978	-0.2091924	-0.06369117	0.23053290
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## FALSE_4324	-0.1369978	-0.2091924	1.60168972	-0.51635945
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## FALSE_4326	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4327	-0.1369978	-0.2091924	-0.06369117	3.71603057
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## FALSE_4329	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_4330	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_4331	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4332	0.9657579	2.7148555	-0.06369117	-0.01843121
## FALSE_4333	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_4334	-0.1369978	-0.2091924	-0.89638162	3.46706646
## FALSE_4335	-0.1369978	0.9604268	-0.89638162	-0.01843121
## TRUE_4336	-0.1369978	1.5452363	-0.06369117	-0.76532357
## FALSE_4337	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_4338	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_4339	-0.1369978	-0.2091924	2.01803495	-0.26739533
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## FALSE_4341	-0.1369978	-0.2091924	1.60168972	-0.51635945
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## FALSE_4343	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4344	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4345	0.9657579	-0.2091924	-0.89638162	-0.01843121
## TRUE_4346	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_4347	-0.1369978	1.5452363	-0.06369117	0.47949702
## FALSE_4348	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_4349	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4350	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_4351	-1.2397535	-0.2091924	0.35265405	-0.51635945
## FALSE_4352	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_4353	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_4354	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4355	-1.2397535	-0.7940020	-0.89638162	-0.76532357

## FALSE_4356	0.9657579	1.5452363	-0.89638162	0.23053290
## FALSE_4357	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4358	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4359	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4360	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4361	-0.1369978	-0.2091924	1.60168972	1.72431762
## FALSE_4362	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_4363	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4364	0.9657579	0.3756172	2.01803495	-0.01843121
## FALSE_4365	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_4366	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_4367	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_4368	-0.1369978	-0.2091924	2.01803495	-0.26739533
## TRUE_4369	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_4370	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4371	-0.1369978	-0.2091924	0.35265405	0.23053290
## FALSE_4372	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_4373	2.0685135	-0.7940020	0.35265405	3.96499469
## TRUE_4374	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_4375	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4376	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_4377	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4378	-1.2397535	-0.7940020	-0.89638162	2.72017410
## FALSE_4379	-0.1369978	-0.2091924	0.35265405	1.72431762
## TRUE_4380	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4381	-0.1369978	1.5452363	-0.06369117	-0.01843121
## TRUE_4382	0.9657579	2.1300459	0.35265405	0.47949702
## FALSE_4383	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4384	-0.1369978	-0.7940020	-0.89638162	-0.26739533
## TRUE_4385	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_4386	-0.1369978	0.9604268	-0.89638162	-0.76532357
## TRUE_4387	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_4388	0.9657579	-0.2091924	0.35265405	0.23053290
## FALSE_4389	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4390	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_4391	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4392	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_4393	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_4394	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_4395	-0.1369978	0.9604268	-0.89638162	0.47949702
## TRUE_4396	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_4397	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4398	2.0685135	-0.2091924	-0.48003639	2.22224586
## FALSE_4399	-1.2397535	-0.2091924	-0.89638162	0.47949702
## FALSE_4400	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4401	-0.1369978	4.4692842	-0.48003639	-0.01843121
## TRUE_4402	-0.1369978	1.5452363	-0.06369117	-0.01843121
## FALSE_4403	-0.1369978	1.5452363	-0.48003639	-0.26739533
## FALSE_4404	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4405	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_4406	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4407	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_4408	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_4409	0.9657579	-0.2091924	-0.06369117	-0.76532357

## FALSE_4410	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4411	-0.1369978	1.5452363	-0.48003639	-0.51635945
## TRUE_4412	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_4413	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_4414	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_4415	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4416	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4417	-0.1369978	-0.2091924	-0.89638162	3.71603057
## FALSE_4418	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4419	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_4420	0.9657579	-0.2091924	-0.89638162	3.71603057
## FALSE_4421	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_4422	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_4423	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_4424	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_4425	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_4426	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_4427	-0.1369978	1.5452363	2.43438017	-0.01843121
## FALSE_4428	-1.2397535	3.2996650	-0.06369117	-0.76532357
## TRUE_4429	-0.1369978	-0.2091924	-0.89638162	-0.01843121
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## FALSE_4431	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4432	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_4433	-1.2397535	3.2996650	-0.48003639	-0.76532357
## FALSE_4434	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_4435	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_4436	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_4437	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_4438	-0.1369978	-0.2091924	-0.89638162	0.72846114
## FALSE_4439	-0.1369978	-0.2091924	1.18534450	1.72431762
## TRUE_4440	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_4441	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_4442	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_4443	-0.1369978	1.5452363	1.18534450	0.47949702
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## FALSE_4445	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_4446	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_4447	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_4448	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_4449	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_4450	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_4451	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4452	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4453	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_4454	0.9657579	-0.2091924	-0.06369117	2.22224586
## TRUE_4455	0.9657579	-0.2091924	2.01803495	-0.01843121
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## FALSE_4457	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4458	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_4459	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_4460	2.0685135	-0.2091924	-0.89638162	1.72431762
## FALSE_4461	-1.2397535	-0.7940020	1.60168972	0.47949702
## FALSE_4462	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_4463	-0.1369978	-0.2091924	-0.89638162	-0.01843121

## FALSE_4464	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## TRUE_4465	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_4466	0.9657579	-0.2091924	1.18534450	0.47949702
## FALSE_4467	4.2740249	-0.2091924	-0.06369117	-0.51635945
## FALSE_4468	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4469	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4470	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4471	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_4472	0.9657579	-0.2091924	-0.48003639	-0.51635945
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## FALSE_4474	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4475	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_4476	-0.1369978	4.4692842	-0.06369117	-0.01843121
## FALSE_4477	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_4478	-1.2397535	-0.7940020	2.01803495	2.72017410
## FALSE_4479	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4480	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_4481	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_4482	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_4483	-0.1369978	-0.2091924	-0.06369117	0.23053290
## TRUE_4484	-0.1369978	1.5452363	-0.06369117	-0.01843121
## FALSE_4485	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_4486	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4487	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4488	2.0685135	-0.2091924	-0.89638162	0.47949702
## FALSE_4489	0.9657579	-0.2091924	-0.06369117	3.46706646
## FALSE_4490	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_4491	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4492	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_4493	2.0685135	1.5452363	-0.06369117	-0.51635945
## FALSE_4494	-0.1369978	2.1300459	-0.06369117	3.96499469
## TRUE_4495	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4496	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_4497	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_4498	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## TRUE_4499	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4500	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_4501	-0.1369978	4.4692842	-0.89638162	-0.01843121
## FALSE_4502	0.9657579	-0.2091924	-0.48003639	0.23053290
## FALSE_4503	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_4504	-0.1369978	0.9604268	1.18534450	-0.26739533
## FALSE_4505	-1.2397535	3.2996650	2.43438017	-0.01843121
## FALSE_4506	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_4507	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_4508	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_4509	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_4510	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4511	2.0685135	-0.7940020	1.18534450	0.47949702
## FALSE_4512	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_4513	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_4514	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4515	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4516	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_4517	-0.1369978	-0.2091924	-0.48003639	-0.01843121

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## FALSE_4519	-0.1369978	0.9604268	0.35265405	-0.01843121
## FALSE_4520	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4521	-0.1369978	2.1300459	-0.48003639	2.22224586
## FALSE_4522	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4523	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_4524	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4525	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## TRUE_4526	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4527	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4528	-0.1369978	-0.2091924	-0.06369117	-0.51635945
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## FALSE_4530	-1.2397535	-0.7940020	-0.89638162	-0.01843121
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## FALSE_4532	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_4533	-0.1369978	-0.2091924	-0.48003639	0.23053290
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## FALSE_4535	-0.1369978	-0.2091924	1.60168972	-0.51635945
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## FALSE_4538	0.9657579	-0.2091924	-0.06369117	1.72431762
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## FALSE_4540	-0.1369978	0.9604268	-0.48003639	0.47949702
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## FALSE_4542	-1.2397535	-0.2091924	-0.06369117	-0.01843121
## FALSE_4543	-0.1369978	1.5452363	-0.48003639	-0.01843121
## FALSE_4544	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_4545	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4546	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4547	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4548	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4549	-1.2397535	-0.7940020	-0.48003639	-0.51635945
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## FALSE_4551	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_4552	-0.1369978	-0.2091924	-0.89638162	0.23053290
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## FALSE_4563	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_4564	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4565	-0.1369978	-0.2091924	-0.89638162	0.23053290
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## TRUE_4567	-0.1369978	-0.2091924	0.76899928	-0.51635945
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## FALSE_4569	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_4570	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_4571	-1.2397535	-0.7940020	-0.06369117	-0.26739533

## FALSE_4572	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4573	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4574	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_4575	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4576	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4577	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4578	0.9657579	-0.2091924	1.18534450	2.47120998
## FALSE_4579	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_4580	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_4581	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4582	-1.2397535	-0.2091924	1.60168972	-0.26739533
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## FALSE_4585	0.9657579	-0.2091924	1.18534450	-0.01843121
## FALSE_4586	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4587	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4588	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4589	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4590	0.9657579	-0.2091924	-0.06369117	-0.51635945
## TRUE_4591	2.0685135	-0.7940020	-0.89638162	-0.01843121
## TRUE_4592	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_4593	2.0685135	-0.2091924	-0.06369117	0.47949702
## TRUE_4594	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_4595	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4596	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_4597	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_4598	-1.2397535	-0.2091924	-0.06369117	0.23053290
## FALSE_4599	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4600	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_4601	-0.1369978	1.5452363	1.60168972	0.47949702
## FALSE_4602	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4603	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_4604	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_4605	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4606	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4607	-0.1369978	-0.2091924	-0.06369117	3.96499469
## FALSE_4608	0.9657579	-0.2091924	0.76899928	-0.26739533
## FALSE_4609	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_4610	2.0685135	-0.7940020	2.43438017	-0.01843121
## FALSE_4611	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4612	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4613	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## TRUE_4614	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_4615	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_4616	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4617	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_4618	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_4619	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4620	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4621	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4622	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4623	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4624	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_4625	-0.1369978	-0.2091924	-0.06369117	-0.26739533

## FALSE_4626	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_4627	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_4628	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4629	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4630	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4631	-0.1369978	2.1300459	2.43438017	-0.26739533
## FALSE_4632	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4633	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4634	0.9657579	-0.2091924	-0.48003639	2.22224586
## TRUE_4635	0.9657579	-0.2091924	2.43438017	2.22224586
## FALSE_4636	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_4637	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_4638	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_4639	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4640	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_4641	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4642	-0.1369978	0.9604268	-0.06369117	0.47949702
## FALSE_4643	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_4644	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4645	0.9657579	-0.2091924	1.18534450	1.72431762
## FALSE_4646	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4647	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4648	-0.1369978	0.9604268	0.76899928	-0.51635945
## FALSE_4649	0.9657579	-0.2091924	-0.06369117	0.23053290
## FALSE_4650	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4651	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4652	-1.2397535	-0.7940020	0.35265405	0.23053290
## FALSE_4653	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4654	-0.1369978	2.1300459	-0.89638162	-0.01843121
## FALSE_4655	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4656	-0.1369978	1.5452363	2.43438017	0.47949702
## FALSE_4657	-0.1369978	1.5452363	2.43438017	0.23053290
## FALSE_4658	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_4659	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_4660	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4661	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_4662	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_4663	-1.2397535	-0.7940020	2.01803495	-0.01843121
## FALSE_4664	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_4665	-0.1369978	-0.2091924	0.76899928	-0.26739533
## FALSE_4666	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_4667	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_4668	-0.1369978	1.5452363	1.18534450	0.47949702
## FALSE_4669	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4670	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_4671	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4672	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_4673	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4674	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_4675	-1.2397535	-0.2091924	-0.89638162	-0.26739533
## FALSE_4676	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_4677	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_4678	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4679	-0.1369978	-0.2091924	-0.06369117	0.47949702

## FALSE_4680	0.9657579	-0.2091924	1.60168972	-0.01843121
## FALSE_4681	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_4682	0.9657579	-0.2091924	2.01803495	0.47949702
## FALSE_4683	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4684	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_4685	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4686	0.9657579	-0.2091924	-0.06369117	1.72431762
## FALSE_4687	-1.2397535	-0.7940020	0.35265405	0.47949702
## FALSE_4688	2.0685135	1.5452363	-0.89638162	-0.26739533
## FALSE_4689	-1.2397535	3.2996650	-0.89638162	-0.01843121
## FALSE_4690	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_4691	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4692	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4693	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4694	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4695	-1.2397535	-0.7940020	1.18534450	-0.51635945
## TRUE_4696	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4697	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4698	-0.1369978	0.9604268	0.76899928	-0.01843121
## TRUE_4699	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4700	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4701	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_4702	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_4703	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4704	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4705	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_4706	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_4707	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4708	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_4709	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4710	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_4711	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_4712	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4713	-0.1369978	1.5452363	-0.48003639	-0.51635945
## FALSE_4714	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4715	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4716	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_4717	-0.1369978	0.9604268	-0.06369117	-0.26739533
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## FALSE_4719	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_4720	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_4721	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4722	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4723	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_4724	-0.1369978	1.5452363	-0.06369117	-0.51635945
## TRUE_4725	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_4726	-1.2397535	4.4692842	-0.89638162	-0.26739533
## FALSE_4727	-0.1369978	-0.2091924	0.76899928	-0.76532357
## TRUE_4728	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_4729	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4730	-1.2397535	-0.7940020	0.35265405	0.47949702
## FALSE_4731	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4732	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_4733	-0.1369978	2.1300459	-0.06369117	-0.26739533

## FALSE_4734	0.9657579	-0.2091924	0.76899928	0.47949702
## TRUE_4735	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4736	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_4737	0.9657579	-0.2091924	0.76899928	2.22224586
## FALSE_4738	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_4739	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4740	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_4741	-0.1369978	-0.2091924	1.60168972	-0.01843121
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## TRUE_4743	-0.1369978	1.5452363	0.76899928	-0.01843121
## FALSE_4744	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4745	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_4746	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4747	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4748	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_4749	-0.1369978	-0.2091924	-0.89638162	-0.26739533
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## FALSE_4751	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_4752	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_4753	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_4754	-0.1369978	-0.2091924	-0.06369117	-0.51635945
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## FALSE_4756	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4757	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4758	-1.2397535	-0.7940020	-0.48003639	1.72431762
## FALSE_4759	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4760	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_4761	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_4762	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_4763	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4764	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4765	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4766	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4767	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4768	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4769	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_4770	0.9657579	-0.2091924	0.76899928	-0.26739533
## FALSE_4771	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_4772	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4773	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_4774	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_4775	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_4776	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4777	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4778	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4779	-1.2397535	-0.2091924	0.35265405	-0.01843121
## FALSE_4780	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4781	-0.1369978	-0.2091924	-0.89638162	2.22224586
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## FALSE_4783	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4784	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_4785	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_4786	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4787	-0.1369978	-0.2091924	-0.89638162	-0.76532357

## FALSE_4788	-0.1369978	-0.2091924	-0.89638162	-0.51635945
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## FALSE_4792	-0.1369978	-0.2091924	-0.89638162	3.71603057
## FALSE_4793	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_4794	-0.1369978	0.9604268	-0.06369117	0.47949702
## FALSE_4795	-1.2397535	3.2996650	-0.89638162	-0.26739533
## FALSE_4796	0.9657579	-0.2091924	1.60168972	-0.26739533
## FALSE_4797	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4798	0.9657579	-0.2091924	1.60168972	2.22224586
## TRUE_4799	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_4800	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4801	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4802	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4803	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4804	-1.2397535	-0.7940020	-0.48003639	0.47949702
## FALSE_4805	-1.2397535	-0.7940020	-0.06369117	2.72017410
## FALSE_4806	-1.2397535	-0.7940020	-0.89638162	0.72846114
## FALSE_4807	0.9657579	-0.2091924	1.18534450	-0.26739533
## TRUE_4808	-0.1369978	1.5452363	1.18534450	0.23053290
## FALSE_4809	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4810	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_4811	0.9657579	-0.2091924	-0.89638162	2.22224586
## TRUE_4812	-1.2397535	-0.2091924	2.01803495	-0.26739533
## FALSE_4813	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4814	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_4815	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4816	-1.2397535	-0.2091924	2.01803495	-0.76532357
## FALSE_4817	-1.2397535	-0.2091924	0.35265405	-0.01843121
## FALSE_4818	2.0685135	-0.7940020	0.35265405	-0.76532357
## FALSE_4819	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_4820	-0.1369978	1.5452363	1.60168972	-0.26739533
## FALSE_4821	0.9657579	-0.2091924	-0.89638162	0.47949702
## TRUE_4822	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_4823	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4824	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_4825	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4826	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_4827	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4828	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4829	0.9657579	2.1300459	-0.48003639	-0.51635945
## FALSE_4830	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_4831	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4832	-1.2397535	-0.7940020	-0.06369117	0.23053290
## FALSE_4833	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_4834	0.9657579	-0.2091924	-0.89638162	-0.26739533
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## FALSE_4836	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4837	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_4838	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4839	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_4840	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_4841	-0.1369978	-0.2091924	-0.89638162	-0.51635945

## FALSE_4842	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4843	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4844	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4845	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4846	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4847	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_4848	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_4849	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_4850	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4851	0.9657579	-0.2091924	1.18534450	2.22224586
## TRUE_4852	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_4853	0.9657579	-0.2091924	-0.48003639	1.72431762
## TRUE_4854	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_4855	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_4856	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_4857	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_4858	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_4859	0.9657579	-0.2091924	2.01803495	0.47949702
## TRUE_4860	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_4861	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_4862	-0.1369978	0.9604268	1.60168972	-0.26739533
## FALSE_4863	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_4864	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4865	0.9657579	-0.2091924	-0.48003639	0.47949702
## FALSE_4866	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4867	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_4868	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4869	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4870	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4871	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4872	0.9657579	-0.2091924	-0.89638162	-0.01843121
## TRUE_4873	-0.1369978	0.9604268	2.01803495	-0.01843121
## FALSE_4874	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4875	2.0685135	-0.7940020	-0.48003639	-0.01843121
## TRUE_4876	2.0685135	-0.7940020	1.18534450	-0.01843121
## TRUE_4877	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4878	-0.1369978	4.4692842	-0.48003639	-0.01843121
## FALSE_4879	-0.1369978	1.5452363	1.60168972	-0.01843121
## FALSE_4880	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4881	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4882	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4883	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4884	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_4885	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_4886	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4887	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_4888	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4889	-0.1369978	-0.2091924	-0.89638162	1.72431762
## FALSE_4890	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4891	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_4892	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4893	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_4894	-0.1369978	1.5452363	0.35265405	-0.26739533
## FALSE_4895	0.9657579	-0.2091924	-0.89638162	2.22224586

## FALSE_4896	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4897	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4898	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4899	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_4900	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_4901	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_4902	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_4903	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4904	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_4905	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4906	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_4907	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4908	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_4909	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4910	-1.2397535	-0.7940020	-0.06369117	0.47949702
## FALSE_4911	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_4912	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_4913	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_4914	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_4915	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4916	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_4917	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_4918	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_4919	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_4920	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_4921	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_4922	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_4923	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_4924	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4925	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4926	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4927	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## TRUE_4928	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4929	-0.1369978	0.9604268	-0.06369117	-0.26739533
## TRUE_4930	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_4931	-1.2397535	3.2996650	-0.89638162	1.72431762
## FALSE_4932	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4933	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4934	-0.1369978	2.1300459	1.60168972	-0.26739533
## FALSE_4935	-1.2397535	3.2996650	-0.06369117	-0.26739533
## FALSE_4936	-1.2397535	3.2996650	-0.48003639	0.47949702
## TRUE_4937	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4938	-1.2397535	-0.7940020	2.01803495	-0.26739533
## FALSE_4939	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_4940	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4941	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_4942	-0.1369978	1.5452363	0.35265405	1.72431762
## FALSE_4943	-0.1369978	2.1300459	0.35265405	2.22224586
## FALSE_4944	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_4945	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4946	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4947	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4948	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_4949	-0.1369978	-0.2091924	-0.89638162	-0.01843121

## TRUE_4950	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4951	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_4952	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_4953	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_4954	-0.1369978	-0.2091924	2.43438017	-0.26739533
## TRUE_4955	-0.1369978	0.9604268	2.43438017	0.23053290
## FALSE_4956	4.2740249	-0.2091924	0.35265405	-0.51635945
## FALSE_4957	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4958	-0.1369978	0.9604268	-0.06369117	0.47949702
## FALSE_4959	-1.2397535	-0.7940020	2.01803495	0.47949702
## FALSE_4960	-0.1369978	1.5452363	1.18534450	-0.26739533
## TRUE_4961	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_4962	-1.2397535	1.5452363	-0.89638162	-0.01843121
## FALSE_4963	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_4964	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4965	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## TRUE_4966	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4967	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4968	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_4969	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4970	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_4971	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_4972	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_4973	0.9657579	-0.2091924	0.35265405	0.23053290
## FALSE_4974	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4975	-0.1369978	-0.2091924	2.43438017	0.47949702
## FALSE_4976	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4977	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4978	2.0685135	-0.2091924	0.35265405	-0.51635945
## FALSE_4979	0.9657579	-0.2091924	-0.89638162	2.72017410
## FALSE_4980	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4981	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_4982	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_4983	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4984	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4985	0.9657579	-0.2091924	1.18534450	-0.01843121
## TRUE_4986	0.9657579	-0.2091924	1.18534450	1.72431762
## FALSE_4987	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4988	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_4989	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4990	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_4991	2.0685135	-0.2091924	-0.48003639	2.22224586
## FALSE_4992	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_4993	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_4994	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4995	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_4996	0.9657579	-0.2091924	-0.06369117	-0.01843121
## TRUE_4997	-1.2397535	3.2996650	-0.89638162	1.72431762
## FALSE_4998	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_4999	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5000	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5001	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_5002	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_5003	-0.1369978	-0.2091924	-0.89638162	-0.26739533

## FALSE_5004	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_5005	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_5006	-0.1369978	-0.2091924	1.18534450	3.71603057
## FALSE_5007	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5008	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5009	-0.1369978	4.4692842	-0.06369117	-0.51635945
## FALSE_5010	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_5011	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_5012	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_5013	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_5014	-1.2397535	-0.7940020	-0.89638162	1.72431762
## FALSE_5015	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5016	0.9657579	-0.2091924	0.76899928	2.22224586
## FALSE_5017	-0.1369978	4.4692842	-0.48003639	0.23053290
## FALSE_5018	-1.2397535	-0.2091924	0.76899928	-0.51635945
## FALSE_5019	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_5020	0.9657579	-0.2091924	-0.06369117	1.72431762
## FALSE_5021	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5022	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5023	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5024	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_5025	-0.1369978	0.9604268	0.35265405	-0.26739533
## FALSE_5026	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_5027	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5028	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_5029	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_5030	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_5031	-0.1369978	0.9604268	-0.89638162	-0.76532357
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## FALSE_5033	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_5034	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5035	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5036	-0.1369978	4.4692842	0.76899928	-0.76532357
## FALSE_5037	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_5038	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5039	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5040	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_5041	2.0685135	1.5452363	-0.06369117	-0.51635945
## FALSE_5042	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_5043	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5044	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_5045	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_5046	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_5047	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_5048	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_5049	-1.2397535	3.2996650	1.18534450	1.72431762
## FALSE_5050	-0.1369978	0.9604268	2.01803495	0.47949702
## TRUE_5051	-0.1369978	4.4692842	-0.89638162	-0.01843121
## FALSE_5052	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5053	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_5054	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_5055	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5056	4.2740249	1.5452363	-0.06369117	-0.51635945
## FALSE_5057	0.9657579	-0.2091924	1.18534450	2.22224586

## FALSE_5058	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_5059	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_5060	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5061	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_5062	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5063	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5064	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_5065	-0.1369978	-0.2091924	0.76899928	2.22224586
## FALSE_5066	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5067	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_5068	-0.1369978	-0.2091924	1.18534450	-0.01843121
## TRUE_5069	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_5070	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_5071	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_5072	-0.1369978	1.5452363	0.35265405	-0.01843121
## TRUE_5073	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_5074	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5075	0.9657579	-0.2091924	1.60168972	0.47949702
## FALSE_5076	0.9657579	0.3756172	-0.06369117	-0.51635945
## FALSE_5077	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_5078	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5079	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_5080	-0.1369978	-0.2091924	-0.89638162	2.47120998
## FALSE_5081	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5082	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_5083	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5084	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5085	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_5086	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_5087	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5088	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5089	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5090	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_5091	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5092	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5093	-0.1369978	-0.2091924	2.01803495	-0.51635945
## TRUE_5094	-0.1369978	1.5452363	-0.48003639	-0.26739533
## FALSE_5095	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5096	2.0685135	-0.2091924	1.60168972	-0.01843121
## FALSE_5097	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_5098	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5099	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_5100	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_5101	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_5102	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_5103	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5104	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_5105	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5106	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5107	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_5108	-0.1369978	2.1300459	-0.89638162	0.47949702
## FALSE_5109	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5110	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5111	-0.1369978	0.9604268	-0.06369117	-0.51635945

## FALSE_5112	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_5113	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_5114	0.9657579	-0.2091924	0.35265405	2.47120998
## FALSE_5115	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_5116	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_5117	2.0685135	-0.7940020	-0.89638162	-0.26739533
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## TRUE_5119	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5120	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_5121	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5122	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5123	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_5124	0.9657579	0.3756172	0.76899928	-0.26739533
## FALSE_5125	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_5126	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_5127	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5128	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5129	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5130	-1.2397535	3.2996650	1.60168972	-0.01843121
## TRUE_5131	-0.1369978	0.9604268	1.18534450	-0.51635945
## TRUE_5132	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_5133	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_5134	4.2740249	-0.2091924	0.35265405	-0.51635945
## FALSE_5135	0.9657579	-0.2091924	2.43438017	2.22224586
## FALSE_5136	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_5137	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5138	-1.2397535	-0.7940020	2.43438017	-0.76532357
## FALSE_5139	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5140	0.9657579	-0.2091924	-0.06369117	0.47949702
## TRUE_5141	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5142	-1.2397535	3.2996650	-0.89638162	-0.51635945
## FALSE_5143	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5144	-1.2397535	-0.2091924	-0.06369117	0.23053290
## FALSE_5145	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_5146	0.9657579	-0.2091924	-0.06369117	0.47949702
## FALSE_5147	2.0685135	1.5452363	2.43438017	-0.51635945
## FALSE_5148	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5149	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5150	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_5151	0.9657579	-0.2091924	-0.89638162	3.46706646
## FALSE_5152	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5153	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5154	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5155	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5156	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5157	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_5158	0.9657579	0.3756172	-0.89638162	-0.26739533
## TRUE_5159	-0.1369978	4.4692842	-0.06369117	-0.01843121
## FALSE_5160	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5161	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5162	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_5163	-0.1369978	2.1300459	0.76899928	-0.76532357
## FALSE_5164	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_5165	-0.1369978	-0.2091924	0.35265405	-0.26739533

## FALSE_5166	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5167	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## TRUE_5168	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_5169	-1.2397535	-0.7940020	0.35265405	0.47949702
## FALSE_5170	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5171	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_5172	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_5173	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_5174	-0.1369978	-0.2091924	-0.06369117	-0.51635945
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## FALSE_5177	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_5178	0.9657579	-0.2091924	-0.06369117	0.47949702
## FALSE_5179	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5180	-0.1369978	2.1300459	2.01803495	-0.26739533
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## FALSE_5182	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5183	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_5184	2.0685135	-0.7940020	2.43438017	-0.26739533
## TRUE_5185	-0.1369978	-0.2091924	-0.06369117	-0.01843121
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## FALSE_5187	-0.1369978	-0.2091924	-0.89638162	-0.51635945
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## FALSE_5189	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5190	-0.1369978	-0.2091924	0.35265405	-0.76532357
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## FALSE_5192	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5193	-0.1369978	2.1300459	-0.48003639	-0.26739533
## FALSE_5194	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_5195	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_5196	-1.2397535	-0.7940020	-0.89638162	2.72017410
## FALSE_5197	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5198	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5199	0.9657579	-0.2091924	2.01803495	1.72431762
## FALSE_5200	0.9657579	-0.2091924	1.18534450	0.47949702
## TRUE_5201	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5202	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5203	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_5204	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5205	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_5206	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_5207	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5208	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5209	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## TRUE_5210	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5211	-1.2397535	3.2996650	2.01803495	-0.26739533
## TRUE_5212	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5213	-0.1369978	1.5452363	2.01803495	-0.76532357
## FALSE_5214	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5215	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5216	0.9657579	0.3756172	1.18534450	-0.01843121
## FALSE_5217	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_5218	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_5219	-0.1369978	-0.2091924	0.35265405	2.47120998

## FALSE_5220	2.0685135	-0.2091924	-0.06369117	1.72431762
## FALSE_5221	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5222	2.0685135	-0.7940020	0.35265405	-0.26739533
## FALSE_5223	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_5224	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5225	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_5226	-1.2397535	-0.7940020	-0.06369117	-0.26739533
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## FALSE_5228	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5229	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_5230	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5231	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5232	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_5233	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5234	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_5235	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_5236	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_5237	-0.1369978	2.1300459	-0.48003639	0.47949702
## FALSE_5238	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5239	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5240	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_5241	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_5242	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5243	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5244	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5245	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5246	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_5247	0.9657579	-0.2091924	-0.06369117	-0.01843121
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## FALSE_5250	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5251	0.9657579	-0.2091924	-0.89638162	3.96499469
## FALSE_5252	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5253	0.9657579	-0.2091924	-0.89638162	2.22224586
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## FALSE_5256	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5257	0.9657579	-0.2091924	-0.89638162	2.22224586
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## FALSE_5271	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5272	-0.1369978	2.1300459	1.18534450	-0.01843121
## FALSE_5273	-1.2397535	-0.7940020	-0.89638162	2.72017410

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## FALSE_5276	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5277	0.9657579	-0.2091924	-0.06369117	0.47949702
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## FALSE_5280	-0.1369978	-0.2091924	0.35265405	-0.51635945
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## FALSE_5283	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_5284	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5285	-0.1369978	-0.2091924	1.18534450	2.22224586
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## TRUE_5287	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5288	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5289	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_5290	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5291	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5292	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_5293	2.0685135	-0.2091924	-0.89638162	-0.01843121
## FALSE_5294	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_5295	-0.1369978	2.1300459	-0.06369117	0.47949702
## TRUE_5296	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_5297	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_5298	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5299	4.2740249	2.7148555	-0.06369117	2.72017410
## FALSE_5300	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_5301	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_5302	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5303	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_5304	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5305	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5306	-0.1369978	-0.2091924	0.35265405	-0.26739533
## TRUE_5307	0.9657579	-0.2091924	-0.48003639	0.47949702
## FALSE_5308	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5309	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_5310	-0.1369978	1.5452363	-0.48003639	-0.26739533
## TRUE_5311	-1.2397535	-0.2091924	-0.89638162	-0.26739533
## FALSE_5312	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_5313	-0.1369978	0.9604268	-0.06369117	-0.76532357
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## TRUE_5315	0.9657579	-0.2091924	-0.48003639	-0.51635945
## TRUE_5316	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5317	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5318	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_5319	-0.1369978	-0.2091924	1.60168972	-0.01843121
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## TRUE_5321	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_5322	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_5323	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5324	2.0685135	-0.7940020	0.35265405	0.47949702
## FALSE_5325	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_5326	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_5327	0.9657579	-0.2091924	1.18534450	2.22224586

## FALSE_5328	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_5329	-1.2397535	3.2996650	-0.06369117	1.72431762
## FALSE_5330	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_5331	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_5332	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5333	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5334	-0.1369978	2.1300459	-0.48003639	-0.26739533
## FALSE_5335	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5336	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_5337	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_5338	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_5339	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_5340	0.9657579	-0.2091924	0.76899928	0.47949702
## FALSE_5341	0.9657579	0.3756172	2.01803495	-0.01843121
## FALSE_5342	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5343	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_5344	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5345	-0.1369978	0.9604268	1.18534450	-0.26739533
## FALSE_5346	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5347	2.0685135	-0.2091924	-0.89638162	2.22224586
## FALSE_5348	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5349	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_5350	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_5351	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_5352	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5353	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_5354	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5355	0.9657579	-0.2091924	1.60168972	0.47949702
## TRUE_5356	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_5357	-0.1369978	-0.2091924	-0.06369117	0.47949702
## TRUE_5358	-0.1369978	0.9604268	2.43438017	-0.51635945
## TRUE_5359	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5360	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5361	4.2740249	-0.2091924	-0.48003639	-0.01843121
## TRUE_5362	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_5363	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_5364	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_5365	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_5366	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_5367	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_5368	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_5369	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_5370	-0.1369978	0.9604268	2.43438017	-0.51635945
## FALSE_5371	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_5372	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_5373	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_5374	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_5375	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5376	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_5377	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_5378	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_5379	-0.1369978	-0.2091924	1.18534450	1.72431762
## FALSE_5380	-0.1369978	-0.2091924	1.60168972	-0.76532357
## TRUE_5381	-0.1369978	-0.2091924	1.60168972	2.22224586

## FALSE_5382	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5383	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_5384	0.9657579	-0.2091924	0.35265405	-0.51635945
## TRUE_5385	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5386	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_5387	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_5388	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_5389	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5390	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_5391	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_5392	-0.1369978	0.9604268	-0.48003639	-0.01843121
## FALSE_5393	-1.2397535	-0.7940020	0.35265405	0.23053290
## FALSE_5394	2.0685135	-0.7940020	2.43438017	-0.76532357
## TRUE_5395	-0.1369978	-0.2091924	-0.48003639	0.23053290
## TRUE_5396	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5397	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5398	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_5399	2.0685135	-0.7940020	-0.89638162	-0.01843121
## TRUE_5400	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## TRUE_5401	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5402	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5403	-1.2397535	3.2996650	1.60168972	-0.76532357
## TRUE_5404	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_5405	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_5406	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_5407	0.9657579	-0.2091924	0.76899928	-0.76532357
## FALSE_5408	-0.1369978	-0.2091924	-0.48003639	0.23053290
## FALSE_5409	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5410	0.9657579	-0.2091924	-0.89638162	-0.26739533
## TRUE_5411	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_5412	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_5413	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_5414	-0.1369978	-0.2091924	1.18534450	-0.26739533
## TRUE_5415	-1.2397535	-0.7940020	2.43438017	-0.51635945
## FALSE_5416	-1.2397535	-0.7940020	2.43438017	3.96499469
## TRUE_5417	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_5418	-1.2397535	-0.7940020	2.43438017	-0.51635945
## FALSE_5419	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_5420	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_5421	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_5422	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_5423	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_5424	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_5425	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_5426	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5427	2.0685135	-0.2091924	-0.06369117	-0.51635945
## TRUE_5428	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5429	-0.1369978	-0.2091924	0.35265405	0.23053290
## TRUE_5430	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5431	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_5432	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5433	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## TRUE_5434	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## TRUE_5435	-0.1369978	4.4692842	-0.48003639	-0.76532357

## FALSE_5436	-0.1369978	0.9604268	2.43438017	-0.01843121
## TRUE_5437	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5438	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_5439	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_5440	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_5441	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5442	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_5443	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5444	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_5445	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_5446	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_5447	2.0685135	-0.2091924	-0.06369117	2.22224586
## FALSE_5448	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_5449	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_5450	-1.2397535	3.2996650	-0.89638162	-0.76532357
## FALSE_5451	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_5452	-0.1369978	1.5452363	-0.06369117	0.47949702
## FALSE_5453	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_5454	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_5455	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_5456	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5457	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5458	0.9657579	-0.2091924	2.43438017	0.23053290
## FALSE_5459	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_5460	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_5461	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_5462	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5463	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_5464	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_5465	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_5466	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_5467	-0.1369978	0.9604268	2.43438017	-0.51635945
## FALSE_5468	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_5469	0.9657579	-0.2091924	2.43438017	3.96499469
## TRUE_5470	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5471	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5472	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_5473	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_5474	-0.1369978	0.9604268	-0.48003639	-0.76532357
## TRUE_5475	-0.1369978	-0.2091924	1.60168972	3.96499469
## TRUE_5476	-0.1369978	-0.2091924	-0.89638162	0.72846114
## TRUE_5477	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_5478	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_5479	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_5480	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_5481	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_5482	5.3767806	-0.7940020	-0.48003639	-0.76532357
## FALSE_5483	0.9657579	-0.2091924	1.18534450	-0.76532357
## TRUE_5484	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5485	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_5486	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5487	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5488	-1.2397535	3.2996650	-0.06369117	-0.76532357
## FALSE_5489	0.9657579	-0.2091924	-0.89638162	-0.51635945

## FALSE_5490	-0.1369978	0.9604268	-0.89638162	3.96499469
## FALSE_5491	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_5492	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_5493	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5494	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5495	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5496	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5497	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_5498	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5499	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5500	-1.2397535	-0.2091924	-0.48003639	-0.01843121
## TRUE_5501	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_5502	-0.1369978	4.4692842	1.60168972	-0.26739533
## FALSE_5503	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5504	0.9657579	-0.2091924	-0.89638162	-0.76532357
## TRUE_5505	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5506	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_5507	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5508	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5509	-0.1369978	0.9604268	0.76899928	-0.76532357
## FALSE_5510	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_5511	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_5512	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_5513	0.9657579	-0.2091924	-0.89638162	2.22224586
## TRUE_5514	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_5515	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5516	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_5517	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5518	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5519	-0.1369978	0.9604268	1.18534450	-0.51635945
## FALSE_5520	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5521	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_5522	0.9657579	-0.2091924	1.60168972	2.22224586
## TRUE_5523	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5524	-1.2397535	-0.2091924	-0.89638162	0.23053290
## FALSE_5525	-0.1369978	-0.2091924	-0.06369117	0.23053290
## FALSE_5526	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5527	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_5528	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_5529	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5530	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5531	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_5532	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5533	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5534	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_5535	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5536	2.0685135	-0.7940020	1.60168972	-0.76532357
## FALSE_5537	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_5538	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_5539	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_5540	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_5541	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_5542	0.9657579	-0.2091924	-0.48003639	-0.01843121
## TRUE_5543	0.9657579	-0.2091924	1.18534450	-0.51635945

## TRUE_5544	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_5545	0.9657579	-0.2091924	2.01803495	-0.01843121
## TRUE_5546	-0.1369978	-0.2091924	-0.89638162	3.96499469
## TRUE_5547	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_5548	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_5549	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5550	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5551	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_5552	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_5553	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5554	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_5555	2.0685135	-0.7940020	2.43438017	-0.26739533
## TRUE_5556	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5557	-0.1369978	1.5452363	0.35265405	-0.76532357
## FALSE_5558	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5559	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5560	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5561	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5562	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5563	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5564	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## TRUE_5565	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5566	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_5567	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5568	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_5569	-0.1369978	0.9604268	-0.06369117	0.23053290
## FALSE_5570	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_5571	-0.1369978	1.5452363	0.35265405	-0.76532357
## TRUE_5572	-0.1369978	-0.2091924	1.18534450	0.23053290
## FALSE_5573	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_5574	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5575	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_5576	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_5577	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_5578	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_5579	0.9657579	-0.2091924	-0.89638162	-0.26739533
## TRUE_5580	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5581	2.0685135	-0.7940020	-0.89638162	0.23053290
## FALSE_5582	-0.1369978	0.9604268	2.43438017	0.47949702
## FALSE_5583	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_5584	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_5585	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5586	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_5587	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5588	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5589	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_5590	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_5591	-1.2397535	3.2996650	-0.48003639	0.47949702
## FALSE_5592	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5593	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_5594	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_5595	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5596	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5597	0.9657579	-0.2091924	-0.06369117	2.22224586

## TRUE_5598	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5599	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5600	6.4795363	6.2237129	2.43438017	0.23053290
## FALSE_5601	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5602	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5603	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_5604	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_5605	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_5606	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5607	-0.1369978	1.5452363	-0.06369117	-0.76532357
## FALSE_5608	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5609	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5610	-0.1369978	-0.2091924	0.35265405	-0.51635945
## TRUE_5611	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5612	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_5613	-1.2397535	-0.7940020	0.35265405	-0.01843121
## TRUE_5614	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5615	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5616	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_5617	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5618	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_5619	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5620	2.0685135	-0.2091924	-0.89638162	2.22224586
## FALSE_5621	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_5622	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_5623	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_5624	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_5625	-0.1369978	4.4692842	1.60168972	-0.01843121
## FALSE_5626	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5627	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## TRUE_5628	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5629	-0.1369978	-0.2091924	-0.06369117	3.96499469
## FALSE_5630	-0.1369978	-0.2091924	2.01803495	-0.76532357
## TRUE_5631	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5632	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_5633	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5634	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_5635	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5636	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_5637	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5638	-0.1369978	0.9604268	0.76899928	-0.76532357
## FALSE_5639	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_5640	0.9657579	0.3756172	1.18534450	-0.76532357
## FALSE_5641	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5642	-1.2397535	-0.7940020	0.35265405	-0.76532357
## TRUE_5643	0.9657579	-0.2091924	-0.06369117	0.47949702
## FALSE_5644	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_5645	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_5646	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5647	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5648	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5649	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_5650	-1.2397535	3.2996650	2.01803495	-0.76532357
## FALSE_5651	-0.1369978	-0.2091924	-0.89638162	-0.51635945

## TRUE_5652	2.0685135	-0.7940020	-0.89638162	-0.26739533
## TRUE_5653	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5654	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5655	-0.1369978	1.5452363	0.35265405	-0.76532357
## FALSE_5656	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_5657	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5658	-0.1369978	-0.2091924	2.43438017	2.22224586
## FALSE_5659	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5660	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5661	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_5662	-0.1369978	1.5452363	1.18534450	-0.76532357
## FALSE_5663	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_5664	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## TRUE_5665	-0.1369978	-0.2091924	1.18534450	0.23053290
## FALSE_5666	-0.1369978	1.5452363	-0.48003639	-0.26739533
## TRUE_5667	-0.1369978	-0.2091924	1.18534450	3.96499469
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## FALSE_5671	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5672	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_5673	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5674	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_5675	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_5676	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_5677	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_5678	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_5679	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_5680	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5681	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_5682	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_5683	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_5684	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5685	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_5686	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5687	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5688	-1.2397535	-0.2091924	1.60168972	-0.01843121
## FALSE_5689	0.9657579	-0.2091924	2.43438017	-0.51635945
## FALSE_5690	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_5691	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5692	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_5693	2.0685135	-0.2091924	1.60168972	-0.51635945
## FALSE_5694	2.0685135	-0.7940020	2.01803495	-0.51635945
## FALSE_5695	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_5696	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_5697	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5698	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_5699	0.9657579	-0.2091924	2.01803495	-0.76532357
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## FALSE_5701	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5702	0.9657579	0.3756172	0.35265405	-0.76532357
## FALSE_5703	0.9657579	-0.2091924	-0.89638162	0.23053290
## TRUE_5704	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5705	-0.1369978	-0.2091924	-0.06369117	2.22224586

## FALSE_5706	-0.1369978	-0.2091924	0.35265405	-0.26739533
## TRUE_5707	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_5708	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_5709	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_5710	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_5711	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5712	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5713	-0.1369978	0.9604268	2.43438017	-0.01843121
## FALSE_5714	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_5715	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_5716	-0.1369978	4.4692842	1.18534450	-0.01843121
## FALSE_5717	-1.2397535	-0.2091924	-0.48003639	-0.76532357
## TRUE_5718	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5719	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_5720	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_5721	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_5722	-0.1369978	0.9604268	1.18534450	-0.76532357
## FALSE_5723	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_5724	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5725	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5726	0.9657579	-0.2091924	2.01803495	-0.76532357
## TRUE_5727	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_5728	-1.2397535	-0.2091924	0.76899928	-0.76532357
## FALSE_5729	0.9657579	-0.2091924	-0.89638162	0.23053290
## TRUE_5730	-0.1369978	-0.2091924	0.76899928	0.23053290
## FALSE_5731	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5732	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5733	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5734	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5735	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_5736	-0.1369978	4.4692842	1.60168972	-0.26739533
## TRUE_5737	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_5738	-1.2397535	-0.7940020	2.43438017	-0.51635945
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## TRUE_5741	0.9657579	-0.2091924	-0.06369117	-0.26739533
## TRUE_5742	2.0685135	-0.7940020	0.76899928	-0.51635945
## FALSE_5743	-0.1369978	-0.2091924	1.18534450	0.23053290
## FALSE_5744	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5745	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_5746	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5747	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_5748	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_5749	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_5750	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_5751	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5752	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_5753	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5754	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5755	2.0685135	-0.7940020	-0.89638162	-0.51635945
## TRUE_5756	-0.1369978	-0.2091924	-0.89638162	0.23053290
## TRUE_5757	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5758	-0.1369978	-0.2091924	1.18534450	-0.51635945
## TRUE_5759	-0.1369978	4.4692842	-0.06369117	-0.51635945

## FALSE_5760	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5761	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5762	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_5763	-0.1369978	-0.2091924	-0.89638162	3.96499469
## TRUE_5764	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_5765	-1.2397535	-0.7940020	1.60168972	0.23053290
## FALSE_5766	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_5767	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5768	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_5769	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5770	-0.1369978	0.9604268	1.60168972	-0.76532357
## TRUE_5771	-1.2397535	-0.7940020	0.35265405	-0.76532357
## TRUE_5772	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5773	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5774	-0.1369978	4.4692842	-0.48003639	-0.01843121
## FALSE_5775	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_5776	-1.2397535	-0.7940020	0.76899928	-0.51635945
## FALSE_5777	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5778	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_5779	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5780	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_5781	2.0685135	-0.2091924	-0.06369117	-0.76532357
## FALSE_5782	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_5783	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_5784	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_5785	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5786	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5787	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_5788	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_5789	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_5790	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5791	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5792	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_5793	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_5794	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_5795	-1.2397535	-0.7940020	1.18534450	0.23053290
## FALSE_5796	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5797	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_5798	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5799	0.9657579	-0.2091924	0.76899928	2.22224586
## FALSE_5800	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5801	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_5802	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_5803	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_5804	0.9657579	-0.2091924	-0.06369117	0.23053290
## FALSE_5805	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_5806	-1.2397535	-0.7940020	1.60168972	-0.01843121
## FALSE_5807	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_5808	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5809	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_5810	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5811	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_5812	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_5813	-0.1369978	-0.2091924	0.35265405	-0.76532357

## FALSE_5814	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_5815	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_5816	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_5817	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5818	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5819	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5820	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_5821	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5822	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_5823	-1.2397535	-0.7940020	1.18534450	-0.01843121
## TRUE_5824	0.9657579	-0.2091924	1.60168972	2.22224586
## FALSE_5825	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5826	-1.2397535	3.2996650	-0.06369117	-0.76532357
## FALSE_5827	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5828	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5829	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5830	2.0685135	-0.2091924	0.35265405	-0.01843121
## FALSE_5831	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_5832	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5833	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_5834	0.9657579	-0.2091924	-0.89638162	-0.01843121
## TRUE_5835	-0.1369978	1.5452363	2.01803495	-0.76532357
## FALSE_5836	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_5837	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5838	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_5839	-0.1369978	1.5452363	1.60168972	-0.51635945
## TRUE_5840	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_5841	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5842	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_5843	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_5844	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5845	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_5846	-0.1369978	1.5452363	2.43438017	0.23053290
## TRUE_5847	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5848	-1.2397535	3.2996650	-0.48003639	-0.76532357
## FALSE_5849	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_5850	-1.2397535	-0.7940020	0.76899928	-0.51635945
## FALSE_5851	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_5852	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5853	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5854	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5855	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5856	0.9657579	-0.2091924	1.60168972	2.22224586
## FALSE_5857	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_5858	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5859	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5860	-1.2397535	-0.2091924	1.60168972	-0.51635945
## FALSE_5861	-0.1369978	-0.2091924	0.76899928	0.72846114
## FALSE_5862	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5863	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5864	-0.1369978	0.9604268	1.60168972	-0.76532357
## FALSE_5865	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_5866	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_5867	-0.1369978	1.5452363	-0.89638162	0.23053290

## FALSE_5868	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5869	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5870	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5871	-0.1369978	1.5452363	0.35265405	0.23053290
## FALSE_5872	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5873	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5874	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5875	-0.1369978	2.1300459	-0.06369117	0.23053290
## FALSE_5876	0.9657579	-0.2091924	0.35265405	3.96499469
## TRUE_5877	-0.1369978	0.9604268	-0.89638162	-0.26739533
## TRUE_5878	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5879	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_5880	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_5881	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5882	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_5883	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5884	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5885	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_5886	2.0685135	-0.7940020	-0.89638162	-0.51635945
## TRUE_5887	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_5888	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_5889	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_5890	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_5891	-0.1369978	-0.2091924	1.60168972	0.23053290
## FALSE_5892	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5893	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5894	-1.2397535	3.2996650	-0.06369117	-0.76532357
## FALSE_5895	-0.1369978	4.4692842	-0.48003639	-0.51635945
## FALSE_5896	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5897	-1.2397535	-0.7940020	1.60168972	0.23053290
## FALSE_5898	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5899	-0.1369978	0.9604268	0.76899928	-0.51635945
## FALSE_5900	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_5901	2.0685135	-0.2091924	-0.48003639	-0.01843121
## FALSE_5902	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_5903	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5904	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_5905	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_5906	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## TRUE_5907	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_5908	-1.2397535	-0.7940020	-0.89638162	0.47949702
## TRUE_5909	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5910	-0.1369978	-0.2091924	2.43438017	-0.51635945
## TRUE_5911	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_5912	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5913	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_5914	-0.1369978	2.1300459	-0.89638162	-0.51635945
## TRUE_5915	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5916	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_5917	-0.1369978	0.9604268	2.43438017	1.72431762
## FALSE_5918	0.9657579	-0.2091924	-0.89638162	-0.76532357
## TRUE_5919	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_5920	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_5921	0.9657579	-0.2091924	-0.89638162	-0.26739533

## FALSE_5922	-0.1369978	-0.2091924	2.01803495	-0.51635945
## TRUE_5923	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5924	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_5925	0.9657579	-0.2091924	-0.89638162	3.96499469
## FALSE_5926	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5927	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5928	-0.1369978	0.9604268	1.60168972	-0.01843121
## FALSE_5929	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_5930	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5931	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5932	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_5933	-0.1369978	0.9604268	-0.48003639	3.96499469
## FALSE_5934	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_5935	2.0685135	-0.7940020	-0.06369117	0.23053290
## FALSE_5936	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_5937	0.9657579	2.7148555	2.01803495	-0.51635945
## FALSE_5938	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5939	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5940	0.9657579	-0.2091924	-0.89638162	3.96499469
## FALSE_5941	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_5942	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_5943	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_5944	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_5945	-0.1369978	1.5452363	1.18534450	-0.76532357
## TRUE_5946	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_5947	0.9657579	-0.2091924	-0.48003639	-0.26739533
## TRUE_5948	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5949	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5950	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_5951	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_5952	0.9657579	-0.2091924	0.76899928	-0.01843121
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## FALSE_5954	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5955	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_5956	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_5957	-0.1369978	0.9604268	-0.06369117	0.23053290
## FALSE_5958	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5959	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5960	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_5961	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_5962	-0.1369978	-0.2091924	1.18534450	3.96499469
## FALSE_5963	0.9657579	-0.2091924	2.01803495	-0.76532357
## TRUE_5964	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_5965	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5966	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5967	-0.1369978	-0.2091924	1.18534450	-0.76532357
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## FALSE_5969	0.9657579	-0.2091924	2.43438017	2.22224586
## FALSE_5970	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_5971	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## TRUE_5972	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_5973	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5974	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_5975	-1.2397535	-0.7940020	0.35265405	-0.01843121

## FALSE_5976	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_5977	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5978	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5979	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_5980	-0.1369978	2.1300459	-0.89638162	-0.51635945
## TRUE_5981	-1.2397535	-0.2091924	1.18534450	-0.51635945
## FALSE_5982	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5983	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_5984	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_5985	-1.2397535	-0.2091924	2.01803495	-0.76532357
## FALSE_5986	-1.2397535	-0.7940020	0.35265405	0.23053290
## FALSE_5987	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5988	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_5989	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_5990	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_5991	-1.2397535	3.2996650	-0.48003639	-0.26739533
## FALSE_5992	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5993	-0.1369978	-0.2091924	-0.06369117	2.22224586
## TRUE_5994	-0.1369978	-0.2091924	-0.48003639	3.96499469
## FALSE_5995	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5996	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5997	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_5998	-0.1369978	-0.2091924	0.35265405	-0.51635945
## TRUE_5999	-0.1369978	-0.2091924	-0.89638162	3.96499469
## TRUE_6000	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_6001	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6002	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6003	-0.1369978	4.4692842	-0.89638162	-0.51635945
## FALSE_6004	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6005	0.9657579	-0.2091924	0.35265405	-0.26739533
## TRUE_6006	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_6007	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6008	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_6009	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_6010	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6011	-0.1369978	0.9604268	-0.89638162	0.23053290
## TRUE_6012	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## TRUE_6013	0.9657579	-0.2091924	0.35265405	0.23053290
## FALSE_6014	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6015	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_6016	0.9657579	-0.2091924	0.76899928	-0.51635945
## FALSE_6017	0.9657579	-0.2091924	1.18534450	-0.01843121
## FALSE_6018	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_6019	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6020	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6021	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6022	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6023	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6024	-0.1369978	4.4692842	-0.06369117	-0.51635945
## FALSE_6025	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6026	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_6027	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6028	2.0685135	-0.2091924	-0.06369117	-0.51635945
## FALSE_6029	0.9657579	-0.2091924	-0.89638162	0.47949702

## FALSE_6030	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_6031	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6032	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6033	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6034	-0.1369978	0.9604268	2.43438017	0.47949702
## FALSE_6035	-0.1369978	-0.2091924	1.18534450	3.96499469
## FALSE_6036	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6037	0.9657579	-0.2091924	-0.48003639	-0.76532357
## TRUE_6038	-0.1369978	0.9604268	-0.89638162	0.23053290
## FALSE_6039	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6040	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_6041	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6042	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6043	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_6044	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_6045	-1.2397535	-0.7940020	-0.06369117	3.96499469
## FALSE_6046	0.9657579	-0.2091924	-0.48003639	3.96499469
## FALSE_6047	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_6048	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_6049	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_6050	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6051	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6052	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_6053	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6054	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6055	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6056	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_6057	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_6058	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_6059	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6060	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_6061	0.9657579	-0.2091924	-0.48003639	-0.26739533
## TRUE_6062	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6063	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6064	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6065	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_6066	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6067	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6068	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_6069	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_6070	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_6071	-1.2397535	-0.2091924	0.35265405	-0.51635945
## FALSE_6072	-0.1369978	-0.2091924	1.60168972	0.23053290
## FALSE_6073	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_6074	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_6075	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6076	-0.1369978	1.5452363	1.18534450	-0.51635945
## FALSE_6077	-1.2397535	-0.7940020	2.01803495	0.23053290
## TRUE_6078	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_6079	-0.1369978	0.9604268	-0.89638162	-0.01843121
## TRUE_6080	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6081	-0.1369978	1.5452363	1.60168972	-0.51635945
## FALSE_6082	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_6083	-1.2397535	-0.7940020	2.01803495	-0.26739533

## TRUE_6084	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_6085	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_6086	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_6087	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6088	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_6089	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6090	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_6091	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_6092	2.0685135	-0.7940020	-0.48003639	-0.76532357
## FALSE_6093	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6094	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6095	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_6096	2.0685135	-0.2091924	-0.89638162	-0.26739533
## TRUE_6097	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_6098	2.0685135	-0.2091924	2.43438017	0.72846114
## FALSE_6099	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6100	-0.1369978	-0.2091924	2.01803495	-0.51635945
## TRUE_6101	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_6102	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_6103	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6104	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6105	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6106	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6107	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_6108	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_6109	-0.1369978	1.5452363	1.60168972	-0.76532357
## FALSE_6110	-1.2397535	-0.7940020	1.18534450	0.47949702
## FALSE_6111	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_6112	-0.1369978	0.9604268	-0.06369117	0.23053290
## TRUE_6113	-0.1369978	1.5452363	-0.89638162	-0.51635945
## TRUE_6114	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6115	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6116	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6117	-0.1369978	2.1300459	-0.06369117	-0.26739533
## FALSE_6118	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_6119	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_6120	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_6121	-0.1369978	0.9604268	-0.89638162	0.23053290
## FALSE_6122	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6123	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_6124	2.0685135	-0.2091924	-0.89638162	3.96499469
## FALSE_6125	0.9657579	-0.2091924	0.35265405	-0.76532357
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## FALSE_6127	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6128	-0.1369978	4.4692842	-0.89638162	0.23053290
## TRUE_6129	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_6130	-0.1369978	1.5452363	0.76899928	-0.51635945
## FALSE_6131	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6132	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_6133	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6134	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_6135	-1.2397535	-0.2091924	1.18534450	-0.51635945
## FALSE_6136	-0.1369978	-0.2091924	1.60168972	-0.01843121
## TRUE_6137	-0.1369978	-0.2091924	-0.89638162	-0.76532357

## FALSE_6138	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_6139	-0.1369978	0.9604268	2.01803495	-0.51635945
## FALSE_6140	2.0685135	-0.2091924	2.01803495	-0.76532357
## FALSE_6141	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6142	2.0685135	1.5452363	-0.06369117	1.72431762
## TRUE_6143	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6144	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6145	-0.1369978	-0.2091924	0.35265405	3.96499469
## FALSE_6146	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_6147	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6148	0.9657579	1.5452363	-0.89638162	-0.76532357
## FALSE_6149	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6150	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_6151	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_6152	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6153	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_6154	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6155	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6156	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6157	-0.1369978	5.6389033	1.18534450	-0.26739533
## FALSE_6158	0.9657579	-0.2091924	0.35265405	3.96499469
## TRUE_6159	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6160	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_6161	-0.1369978	-0.2091924	2.43438017	2.22224586
## TRUE_6162	2.0685135	-0.7940020	0.35265405	-0.76532357
## TRUE_6163	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_6164	-0.1369978	-0.2091924	2.43438017	3.96499469
## FALSE_6165	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_6166	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_6167	-0.1369978	1.5452363	-0.48003639	-0.76532357
## TRUE_6168	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_6169	0.9657579	-0.2091924	2.01803495	2.22224586
## TRUE_6170	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6171	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_6172	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_6173	2.0685135	-0.2091924	-0.89638162	-0.01843121
## FALSE_6174	0.9657579	-0.2091924	-0.06369117	0.23053290
## FALSE_6175	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_6176	-1.2397535	3.2996650	1.18534450	3.96499469
## FALSE_6177	-1.2397535	-0.7940020	-0.89638162	0.23053290
## TRUE_6178	-0.1369978	1.5452363	-0.06369117	-0.01843121
## FALSE_6179	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_6180	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6181	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6182	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6183	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6184	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6185	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6186	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6187	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_6188	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_6189	0.9657579	-0.2091924	-0.48003639	-0.26739533
## TRUE_6190	2.0685135	-0.2091924	-0.89638162	-0.76532357
## TRUE_6191	-0.1369978	0.9604268	0.76899928	-0.51635945

## TRUE_6192	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_6193	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6194	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6195	-0.1369978	4.4692842	-0.89638162	-0.51635945
## FALSE_6196	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_6197	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6198	2.0685135	-0.7940020	0.35265405	-0.51635945
## FALSE_6199	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_6200	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_6201	-0.1369978	2.1300459	-0.48003639	-0.76532357
## FALSE_6202	-0.1369978	-0.2091924	-0.89638162	0.47949702
## TRUE_6203	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_6204	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6205	-0.1369978	0.9604268	2.43438017	-0.51635945
## FALSE_6206	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6207	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_6208	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_6209	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6210	-0.1369978	0.9604268	0.35265405	0.23053290
## TRUE_6211	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_6212	0.9657579	-0.2091924	0.35265405	-0.76532357
## TRUE_6213	-0.1369978	-0.2091924	1.60168972	-0.76532357
## TRUE_6214	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_6215	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_6216	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6217	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6218	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6219	-0.1369978	1.5452363	1.60168972	-0.26739533
## FALSE_6220	-1.2397535	3.2996650	-0.89638162	1.72431762
## FALSE_6221	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_6222	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6223	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_6224	-0.1369978	-0.2091924	-0.89638162	-0.26739533
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## FALSE_6226	-0.1369978	1.5452363	-0.06369117	-0.76532357
## TRUE_6227	-0.1369978	1.5452363	-0.06369117	0.23053290
## TRUE_6228	0.9657579	-0.2091924	-0.89638162	3.96499469
## FALSE_6229	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## TRUE_6230	-1.2397535	-0.7940020	0.35265405	-0.26739533
## TRUE_6231	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6232	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_6233	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_6234	0.9657579	-0.2091924	1.18534450	-0.01843121
## FALSE_6235	-1.2397535	3.2996650	1.60168972	-0.26739533
## FALSE_6236	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_6237	3.1712692	5.0540937	2.01803495	2.47120998
## TRUE_6238	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6239	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_6240	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6241	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_6242	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6243	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6244	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_6245	0.9657579	-0.2091924	-0.89638162	-0.26739533

## FALSE_6246	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6247	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6248	0.9657579	-0.2091924	-0.89638162	3.96499469
## FALSE_6249	0.9657579	-0.2091924	-0.06369117	-0.51635945
## TRUE_6250	-0.1369978	4.4692842	-0.06369117	-0.26739533
## FALSE_6251	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_6252	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_6253	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6254	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_6255	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6256	-0.1369978	0.9604268	1.60168972	-0.76532357
## FALSE_6257	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## TRUE_6258	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_6259	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_6260	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6261	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_6262	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6263	0.9657579	0.3756172	-0.06369117	-0.76532357
## FALSE_6264	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6265	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6266	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6267	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_6268	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_6269	-1.2397535	3.2996650	-0.06369117	3.96499469
## FALSE_6270	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6271	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6272	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_6273	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6274	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6275	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6276	0.9657579	-0.2091924	1.18534450	-0.01843121
## FALSE_6277	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6278	-1.2397535	-0.2091924	-0.06369117	-0.76532357
## FALSE_6279	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6280	-1.2397535	-0.7940020	1.18534450	-0.51635945
## TRUE_6281	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_6282	-0.1369978	-0.2091924	2.01803495	-0.51635945
## TRUE_6283	-0.1369978	4.4692842	1.60168972	-0.51635945
## FALSE_6284	-1.2397535	3.2996650	-0.89638162	-0.51635945
## FALSE_6285	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6286	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6287	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_6288	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_6289	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_6290	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6291	-0.1369978	0.9604268	0.35265405	-0.51635945
## TRUE_6292	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6293	2.0685135	-0.2091924	-0.06369117	-0.01843121
## FALSE_6294	0.9657579	-0.2091924	0.35265405	-0.01843121
## TRUE_6295	-1.2397535	-0.7940020	1.18534450	0.23053290
## FALSE_6296	0.9657579	-0.2091924	1.60168972	2.22224586
## FALSE_6297	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6298	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6299	2.0685135	-0.7940020	-0.48003639	-0.51635945

## FALSE_6300	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6301	-0.1369978	2.1300459	0.35265405	-0.26739533
## FALSE_6302	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6303	0.9657579	-0.2091924	0.76899928	2.22224586
## FALSE_6304	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6305	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6306	-0.1369978	-0.2091924	2.43438017	0.47949702
## FALSE_6307	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_6308	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6309	-1.2397535	-0.2091924	-0.89638162	0.23053290
## FALSE_6310	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_6311	-1.2397535	-0.7940020	1.60168972	-0.26739533
## TRUE_6312	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_6313	-0.1369978	-0.2091924	0.76899928	2.22224586
## FALSE_6314	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6315	0.9657579	-0.2091924	1.60168972	1.72431762
## FALSE_6316	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6317	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6318	-0.1369978	-0.2091924	-0.06369117	0.23053290
## TRUE_6319	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6320	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6321	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_6322	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6323	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_6324	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_6325	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6326	-0.1369978	1.5452363	1.60168972	-0.51635945
## TRUE_6327	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6328	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6329	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_6330	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6331	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_6332	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6333	-1.2397535	-0.7940020	0.76899928	-0.51635945
## FALSE_6334	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_6335	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6336	0.9657579	-0.2091924	0.76899928	-0.01843121
## FALSE_6337	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6338	0.9657579	-0.2091924	0.35265405	-0.26739533
## TRUE_6339	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_6340	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6341	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_6342	-0.1369978	-0.2091924	0.76899928	-0.76532357
## TRUE_6343	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6344	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6345	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6346	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_6347	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_6348	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_6349	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6350	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6351	-0.1369978	-0.2091924	0.76899928	-0.26739533
## TRUE_6352	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6353	-0.1369978	-0.2091924	0.35265405	2.22224586

## TRUE_6354	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_6355	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_6356	-1.2397535	-0.7940020	2.01803495	-0.01843121
## FALSE_6357	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6358	-0.1369978	4.4692842	-0.89638162	-0.51635945
## FALSE_6359	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6360	0.9657579	-0.2091924	-0.06369117	-0.51635945
## TRUE_6361	-1.2397535	3.2996650	1.18534450	3.96499469
## TRUE_6362	-0.1369978	2.1300459	2.43438017	3.96499469
## FALSE_6363	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6364	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_6365	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_6366	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_6367	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_6368	0.9657579	-0.2091924	-0.06369117	0.72846114
## FALSE_6369	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_6370	-0.1369978	-0.2091924	-0.06369117	-0.76532357
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## TRUE_6373	-0.1369978	-0.2091924	-0.89638162	-0.26739533
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## FALSE_6375	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_6376	-0.1369978	4.4692842	0.35265405	-0.51635945
## FALSE_6377	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6378	-0.1369978	-0.2091924	-0.48003639	3.96499469
## FALSE_6379	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6380	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6381	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_6382	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_6383	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_6384	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6385	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6386	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_6387	-1.2397535	3.2996650	0.35265405	0.47949702
## TRUE_6388	-0.1369978	1.5452363	0.35265405	3.96499469
## FALSE_6389	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_6390	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6391	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_6392	-0.1369978	1.5452363	-0.06369117	3.96499469
## FALSE_6393	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_6394	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_6395	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_6396	0.9657579	-0.2091924	-0.89638162	2.22224586
## TRUE_6397	-0.1369978	-0.2091924	1.18534450	-0.76532357
## TRUE_6398	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_6399	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_6400	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6401	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_6402	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_6403	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6404	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6405	-0.1369978	0.9604268	2.01803495	0.47949702
## FALSE_6406	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6407	0.9657579	0.3756172	-0.06369117	0.23053290

## FALSE_6408	-1.2397535	3.2996650	-0.89638162	-0.26739533
## FALSE_6409	-0.1369978	-0.2091924	-0.06369117	-0.26739533
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## FALSE_6411	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6412	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_6413	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6414	-0.1369978	2.1300459	-0.89638162	-0.26739533
## TRUE_6415	2.0685135	-0.2091924	2.43438017	2.22224586
## FALSE_6416	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6417	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6418	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_6419	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_6420	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6421	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_6422	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_6423	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6424	-0.1369978	2.1300459	0.35265405	-0.76532357
## FALSE_6425	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## TRUE_6426	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6427	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6428	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_6429	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_6430	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_6431	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6432	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_6433	0.9657579	-0.2091924	2.43438017	-0.51635945
## FALSE_6434	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6435	0.9657579	-0.2091924	-0.48003639	-0.01843121
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## FALSE_6439	-0.1369978	-0.2091924	-0.89638162	-0.26739533
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## TRUE_6442	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6443	0.9657579	0.3756172	-0.89638162	-0.76532357
## TRUE_6444	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6445	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6446	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_6447	-0.1369978	-0.2091924	2.43438017	3.96499469
## FALSE_6448	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6449	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6450	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_6451	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6452	-0.1369978	4.4692842	-0.06369117	0.23053290
## FALSE_6453	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_6454	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_6455	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6456	0.9657579	0.3756172	0.35265405	0.23053290
## FALSE_6457	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_6458	0.9657579	-0.2091924	0.76899928	2.22224586
## FALSE_6459	0.9657579	-0.2091924	-0.06369117	2.22224586
## TRUE_6460	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_6461	-1.2397535	-0.7940020	-0.89638162	-0.26739533

## TRUE_6462	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6463	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_6464	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_6465	-0.1369978	-0.2091924	1.60168972	-0.76532357
## TRUE_6466	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_6467	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6468	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6469	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_6470	-0.1369978	-0.2091924	1.18534450	2.22224586
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## FALSE_6472	0.9657579	2.7148555	-0.06369117	-0.01843121
## FALSE_6473	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_6474	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6475	2.0685135	-0.7940020	0.35265405	-0.76532357
## FALSE_6476	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_6477	-0.1369978	-0.2091924	-0.06369117	0.23053290
## FALSE_6478	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6479	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_6480	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6481	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6482	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_6483	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6484	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_6485	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6486	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6487	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_6488	-0.1369978	2.7148555	-0.48003639	-0.51635945
## TRUE_6489	2.0685135	-0.2091924	1.60168972	-0.76532357
## FALSE_6490	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6491	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_6492	-0.1369978	4.4692842	-0.89638162	-0.76532357
## FALSE_6493	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_6494	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6495	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_6496	-0.1369978	4.4692842	-0.06369117	0.23053290
## FALSE_6497	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_6498	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_6499	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6500	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_6501	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6502	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6503	-1.2397535	-0.7940020	0.35265405	-0.26739533
## TRUE_6504	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6505	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6506	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_6507	0.9657579	-0.2091924	-0.06369117	2.72017410
## TRUE_6508	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_6509	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6510	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6511	-0.1369978	-0.2091924	-0.48003639	0.23053290
## FALSE_6512	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_6513	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_6514	-0.1369978	-0.2091924	0.35265405	0.23053290
## FALSE_6515	-0.1369978	-0.2091924	-0.89638162	3.96499469

## FALSE_6516	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_6517	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6518	-1.2397535	-0.2091924	1.18534450	-0.01843121
## FALSE_6519	-0.1369978	0.9604268	0.35265405	0.23053290
## FALSE_6520	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6521	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_6522	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6523	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_6524	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_6525	-0.1369978	-0.2091924	-0.06369117	3.96499469
## FALSE_6526	-0.1369978	1.5452363	-0.06369117	3.96499469
## FALSE_6527	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_6528	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6529	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6530	0.9657579	0.3756172	-0.89638162	-0.01843121
## FALSE_6531	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_6532	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6533	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6534	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_6535	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_6536	2.0685135	-0.7940020	-0.06369117	-0.76532357
## TRUE_6537	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6538	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6539	0.9657579	-0.2091924	-0.89638162	-0.76532357
## TRUE_6540	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_6541	-0.1369978	0.9604268	0.35265405	-0.01843121
## FALSE_6542	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6543	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6544	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6545	-0.1369978	-0.2091924	1.60168972	3.96499469
## FALSE_6546	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6547	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_6548	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6549	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6550	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6551	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6552	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_6553	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_6554	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_6555	0.9657579	-0.2091924	-0.48003639	0.47949702
## FALSE_6556	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6557	0.9657579	-0.2091924	0.76899928	2.22224586
## FALSE_6558	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_6559	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6560	-0.1369978	0.9604268	1.18534450	1.72431762
## FALSE_6561	-1.2397535	-0.7940020	1.60168972	-0.26739533
## TRUE_6562	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_6563	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_6564	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6565	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_6566	-0.1369978	4.4692842	-0.89638162	-0.51635945
## TRUE_6567	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6568	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6569	0.9657579	0.3756172	-0.89638162	-0.26739533

## FALSE_6570	-0.1369978	-0.2091924	2.43438017	0.23053290
## TRUE_6571	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6572	-0.1369978	-0.2091924	2.01803495	3.96499469
## FALSE_6573	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6574	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_6575	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_6576	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6577	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6578	0.9657579	-0.2091924	1.18534450	2.22224586
## TRUE_6579	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_6580	-0.1369978	1.5452363	2.43438017	2.22224586
## FALSE_6581	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6582	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6583	0.9657579	-0.2091924	-0.89638162	-0.76532357
## TRUE_6584	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_6585	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6586	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_6587	-0.1369978	0.9604268	1.18534450	-0.76532357
## TRUE_6588	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_6589	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6590	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6591	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6592	0.9657579	-0.2091924	1.18534450	-0.51635945
## TRUE_6593	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6594	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_6595	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6596	-1.2397535	-0.2091924	-0.89638162	3.96499469
## FALSE_6597	-1.2397535	-0.7940020	-0.06369117	-0.51635945
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## FALSE_6599	0.9657579	-0.2091924	-0.48003639	-0.51635945
## TRUE_6600	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_6601	2.0685135	-0.7940020	1.18534450	-0.01843121
## FALSE_6602	-0.1369978	2.1300459	0.35265405	-0.51635945
## FALSE_6603	-1.2397535	-0.7940020	-0.89638162	0.23053290
## TRUE_6604	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6605	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6606	0.9657579	2.1300459	-0.06369117	3.96499469
## FALSE_6607	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6608	-0.1369978	-0.2091924	-0.89638162	-0.51635945
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## FALSE_6610	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_6611	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_6612	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6613	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6614	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_6615	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_6616	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_6617	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_6618	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_6619	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6620	-0.1369978	-0.2091924	1.60168972	-0.01843121
## TRUE_6621	-0.1369978	1.5452363	-0.89638162	3.96499469
## FALSE_6622	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_6623	-1.2397535	-0.7940020	-0.06369117	-0.26739533

## FALSE_6624	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6625	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6626	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6627	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_6628	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6629	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6630	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6631	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_6632	-0.1369978	0.9604268	-0.06369117	0.23053290
## FALSE_6633	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_6634	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_6635	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_6636	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_6637	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_6638	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_6639	-0.1369978	1.5452363	1.60168972	-0.76532357
## FALSE_6640	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## TRUE_6641	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_6642	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_6643	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_6644	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6645	-1.2397535	-0.2091924	-0.06369117	-0.76532357
## FALSE_6646	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_6647	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_6648	0.9657579	-0.2091924	1.60168972	-0.76532357
## TRUE_6649	0.9657579	-0.2091924	-0.89638162	-0.51635945
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## FALSE_6652	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6653	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6654	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_6655	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6656	0.9657579	-0.2091924	-0.06369117	2.22224586
## TRUE_6657	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_6658	-1.2397535	-0.7940020	2.01803495	-0.51635945
## TRUE_6659	-0.1369978	0.9604268	2.43438017	-0.76532357
## FALSE_6660	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_6661	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_6662	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6663	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_6664	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6665	-0.1369978	2.1300459	-0.89638162	-0.76532357
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## FALSE_6667	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6668	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_6669	2.0685135	-0.2091924	2.01803495	-0.76532357
## FALSE_6670	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_6671	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_6672	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_6673	-0.1369978	0.9604268	-0.48003639	-0.76532357
## TRUE_6674	-0.1369978	2.1300459	0.76899928	-0.76532357
## FALSE_6675	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_6676	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_6677	-0.1369978	-0.2091924	-0.89638162	-0.26739533

## FALSE_6678	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6679	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6680	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6681	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6682	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_6683	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6684	-1.2397535	-0.7940020	-0.06369117	0.23053290
## FALSE_6685	-0.1369978	-0.2091924	2.43438017	3.96499469
## FALSE_6686	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_6687	-0.1369978	-0.2091924	-0.06369117	-0.26739533
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## TRUE_6689	-0.1369978	-0.2091924	-0.89638162	-0.01843121
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## FALSE_6691	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6692	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6693	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6694	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6695	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_6696	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6697	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_6698	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_6699	-0.1369978	2.7148555	2.01803495	-0.26739533
## FALSE_6700	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6701	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_6702	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6703	-1.2397535	-0.7940020	0.35265405	-0.26739533
## TRUE_6704	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_6705	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6706	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6707	-0.1369978	1.5452363	-0.89638162	2.22224586
## FALSE_6708	2.0685135	-0.2091924	2.43438017	-0.51635945
## FALSE_6709	2.0685135	2.1300459	0.35265405	2.22224586
## FALSE_6710	-0.1369978	0.9604268	-0.48003639	-0.01843121
## TRUE_6711	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_6712	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_6713	-1.2397535	-0.7940020	2.01803495	-0.26739533
## TRUE_6714	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6715	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_6716	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6717	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_6718	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6719	-0.1369978	-0.2091924	1.18534450	-0.51635945
## TRUE_6720	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6721	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6722	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6723	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6724	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6725	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_6726	2.0685135	-0.7940020	0.35265405	-0.76532357
## TRUE_6727	-1.2397535	-0.7940020	-0.89638162	0.23053290
## TRUE_6728	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_6729	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6730	0.9657579	0.3756172	-0.06369117	-0.51635945
## FALSE_6731	-0.1369978	-0.2091924	1.18534450	-0.76532357

## FALSE_6732	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_6733	-0.1369978	-0.2091924	1.60168972	3.96499469
## FALSE_6734	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_6735	-0.1369978	-0.2091924	-0.06369117	3.96499469
## FALSE_6736	-0.1369978	-0.2091924	1.60168972	-0.51635945
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## FALSE_6738	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_6739	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6740	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_6741	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6742	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6743	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_6744	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_6745	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_6746	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_6747	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_6748	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6749	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6750	2.0685135	-0.2091924	-0.06369117	-0.76532357
## FALSE_6751	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6752	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6753	0.9657579	-0.2091924	2.43438017	2.22224586
## FALSE_6754	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_6755	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6756	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_6757	-1.2397535	3.2996650	1.18534450	-0.76532357
## FALSE_6758	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_6759	2.0685135	-0.2091924	-0.89638162	-0.76532357
## FALSE_6760	-0.1369978	1.5452363	-0.89638162	-0.26739533
## TRUE_6761	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_6762	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6763	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_6764	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6765	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6766	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6767	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_6768	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_6769	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_6770	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6771	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6772	-0.1369978	0.9604268	-0.89638162	-0.26739533
## TRUE_6773	-1.2397535	-0.2091924	-0.06369117	3.96499469
## FALSE_6774	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6775	0.9657579	-0.2091924	-0.48003639	0.47949702
## FALSE_6776	-0.1369978	2.1300459	-0.48003639	0.72846114
## FALSE_6777	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6778	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6779	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6780	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6781	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_6782	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6783	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_6784	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_6785	-1.2397535	-0.7940020	-0.48003639	-0.26739533

## FALSE_6786	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_6787	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6788	0.9657579	-0.2091924	1.18534450	3.96499469
## FALSE_6789	-1.2397535	-0.2091924	1.60168972	-0.76532357
## FALSE_6790	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6791	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6792	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_6793	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6794	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6795	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_6796	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_6797	0.9657579	-0.2091924	-0.06369117	2.22224586
## TRUE_6798	2.0685135	-0.7940020	-0.06369117	-0.26739533
## TRUE_6799	-0.1369978	2.7148555	1.60168972	3.96499469
## FALSE_6800	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## TRUE_6801	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_6802	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6803	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6804	0.9657579	-0.2091924	2.43438017	-0.26739533
## FALSE_6805	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6806	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_6807	0.9657579	-0.2091924	0.35265405	-0.76532357
## TRUE_6808	-0.1369978	4.4692842	-0.06369117	-0.51635945
## FALSE_6809	-1.2397535	-0.7940020	0.35265405	0.23053290
## FALSE_6810	0.9657579	-0.2091924	1.18534450	0.23053290
## TRUE_6811	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6812	-0.1369978	-0.2091924	0.76899928	0.47949702
## TRUE_6813	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_6814	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6815	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_6816	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_6817	-0.1369978	2.7148555	-0.06369117	0.23053290
## FALSE_6818	-0.1369978	2.7148555	-0.89638162	0.23053290
## FALSE_6819	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_6820	-0.1369978	1.5452363	0.35265405	-0.51635945
## TRUE_6821	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_6822	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_6823	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_6824	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6825	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6826	-0.1369978	-0.2091924	0.35265405	-0.01843121
## TRUE_6827	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_6828	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_6829	0.9657579	-0.2091924	2.01803495	-0.26739533
## FALSE_6830	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_6831	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6832	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_6833	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6834	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_6835	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6836	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_6837	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_6838	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_6839	-0.1369978	-0.2091924	0.35265405	-0.26739533

## FALSE_6840	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_6841	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6842	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_6843	-0.1369978	-0.2091924	-0.06369117	-0.76532357
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## TRUE_6845	-1.2397535	-0.2091924	2.01803495	-0.51635945
## FALSE_6846	-1.2397535	3.2996650	1.60168972	-0.76532357
## FALSE_6847	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6848	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6849	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_6850	-0.1369978	-0.2091924	-0.89638162	-0.26739533
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## FALSE_6852	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6853	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6854	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_6855	0.9657579	1.5452363	-0.89638162	0.23053290
## FALSE_6856	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6857	-0.1369978	-0.2091924	2.01803495	0.47949702
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## TRUE_6859	-0.1369978	1.5452363	-0.48003639	-0.51635945
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## FALSE_6861	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_6862	-0.1369978	2.1300459	-0.48003639	3.96499469
## FALSE_6863	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6864	-0.1369978	-0.2091924	0.35265405	-0.01843121
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## FALSE_6866	-1.2397535	-0.7940020	-0.89638162	-0.76532357
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## FALSE_6868	-0.1369978	-0.2091924	-0.06369117	-0.76532357
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## FALSE_6874	2.0685135	-0.2091924	2.43438017	-0.51635945
## TRUE_6875	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6876	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6877	-0.1369978	1.5452363	0.76899928	-0.76532357
## FALSE_6878	-0.1369978	4.4692842	-0.06369117	0.23053290
## FALSE_6879	0.9657579	-0.2091924	-0.89638162	-0.51635945
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## FALSE_6884	-0.1369978	0.9604268	2.43438017	-0.26739533
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## TRUE_6888	-0.1369978	-0.2091924	0.76899928	-0.51635945
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## FALSE_6891	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_6892	-0.1369978	1.5452363	2.01803495	0.23053290
## FALSE_6893	-0.1369978	1.5452363	-0.06369117	-0.26739533

## FALSE_6894	0.9657579	-0.2091924	0.35265405	-0.01843121
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## FALSE_6896	0.9657579	-0.2091924	0.35265405	-0.26739533
## TRUE_6897	-0.1369978	-0.2091924	1.60168972	-0.51635945
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## FALSE_6905	-0.1369978	-0.2091924	-0.89638162	-0.51635945
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## FALSE_6910	-0.1369978	-0.2091924	-0.89638162	-0.01843121
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## FALSE_6914	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6915	-1.2397535	3.2996650	-0.89638162	-0.76532357
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## FALSE_6924	-1.2397535	-0.2091924	-0.06369117	-0.01843121
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## FALSE_6926	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6927	2.0685135	-0.2091924	1.60168972	-0.51635945
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## FALSE_6932	-1.2397535	-0.7940020	-0.06369117	-0.26739533
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## FALSE_6937	-0.1369978	-0.2091924	0.35265405	-0.51635945
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## FALSE_6944	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_6945	2.0685135	-0.7940020	-0.89638162	-0.26739533
## TRUE_6946	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6947	-1.2397535	-0.7940020	-0.06369117	-0.51635945

## FALSE_6948	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_6949	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6950	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6951	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_6952	-1.2397535	-0.7940020	1.18534450	0.23053290
## FALSE_6953	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_6954	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6955	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6956	2.0685135	-0.2091924	-0.06369117	-0.01843121
## FALSE_6957	-1.2397535	-0.7940020	0.76899928	-0.26739533
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## FALSE_6959	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_6960	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_6961	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_6962	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_6963	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_6964	-0.1369978	-0.2091924	2.43438017	-0.51635945
## TRUE_6965	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6966	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_6967	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_6968	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6969	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_6970	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_6971	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6972	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6973	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_6974	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_6975	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6976	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6977	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6978	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_6979	-0.1369978	4.4692842	-0.06369117	-0.26739533
## TRUE_6980	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6981	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_6982	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_6983	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_6984	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_6985	-0.1369978	1.5452363	-0.48003639	-0.51635945
## FALSE_6986	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_6987	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_6988	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6989	-1.2397535	-0.7940020	-0.06369117	0.23053290
## FALSE_6990	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6991	-0.1369978	-0.2091924	-0.06369117	0.23053290
## FALSE_6992	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_6993	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6994	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_6995	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6996	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_6997	0.9657579	0.3756172	0.35265405	-0.01843121
## FALSE_6998	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_6999	-0.1369978	-0.2091924	2.43438017	-0.76532357
## TRUE_7000	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_7001	-1.2397535	-0.7940020	-0.48003639	-0.51635945

## TRUE_7002	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_7003	0.9657579	-0.2091924	1.60168972	-0.01843121
## TRUE_7004	-0.1369978	-0.2091924	2.01803495	-0.76532357
## TRUE_7005	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_7006	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_7007	0.9657579	-0.2091924	1.18534450	3.96499469
## FALSE_7008	-0.1369978	1.5452363	-0.48003639	-0.51635945
## TRUE_7009	-0.1369978	4.4692842	0.35265405	-0.26739533
## FALSE_7010	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_7011	2.0685135	-0.7940020	-0.89638162	-0.26739533
## TRUE_7012	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_7013	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_7014	0.9657579	-0.2091924	2.43438017	0.23053290
## FALSE_7015	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_7016	0.9657579	-0.2091924	2.01803495	-0.51635945
## TRUE_7017	-0.1369978	-0.2091924	-0.89638162	3.96499469
## TRUE_7018	-0.1369978	2.1300459	0.35265405	-0.51635945
## FALSE_7019	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_7020	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_7021	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_7022	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_7023	4.2740249	1.5452363	0.35265405	-0.51635945
## FALSE_7024	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_7025	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_7026	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_7027	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_7028	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_7029	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_7030	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_7031	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_7032	0.9657579	-0.2091924	0.76899928	-0.51635945
## FALSE_7033	-0.1369978	0.9604268	2.01803495	-0.51635945
## FALSE_7034	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_7035	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_7036	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_7037	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_7038	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_7039	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_7040	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_7041	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_7042	-0.1369978	-0.2091924	2.43438017	2.22224586
## FALSE_7043	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_7044	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_7045	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_7046	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_7047	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_7048	-0.1369978	-0.2091924	2.01803495	2.22224586
## FALSE_7049	-0.1369978	2.1300459	0.76899928	-0.51635945
## FALSE_7050	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_7051	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_7052	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_7053	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_7054	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_7055	-0.1369978	-0.2091924	-0.89638162	-0.01843121

## FALSE_7056	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_7057	-0.1369978	-0.2091924	1.60168972	-0.01843121
## TRUE_7058	-0.1369978	0.9604268	-0.48003639	-0.76532357
## TRUE_7059	2.0685135	-0.7940020	-0.06369117	3.96499469
## TRUE_7060	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_7061	-1.2397535	3.2996650	-0.89638162	-0.76532357
## TRUE_7062	-0.1369978	-0.2091924	0.76899928	0.23053290
## FALSE_7063	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_7064	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_7065	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_7066	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_7067	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_7068	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_7069	-1.2397535	3.2996650	-0.89638162	-0.76532357
## FALSE_7070	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_7071	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_7072	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_7073	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_7074	-0.1369978	1.5452363	1.18534450	-0.76532357
## FALSE_7075	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_7076	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_7077	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_7078	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_7079	-0.1369978	-0.2091924	1.60168972	3.96499469
## FALSE_7080	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_7081	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_7082	-0.1369978	0.9604268	2.43438017	-0.01843121
## FALSE_7083	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_7084	0.9657579	-0.2091924	-0.06369117	-0.01843121
## TRUE_7085	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_7086	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_7087	2.0685135	-0.2091924	0.35265405	-0.51635945
## FALSE_7088	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_7089	-0.1369978	2.1300459	-0.06369117	-0.26739533
## FALSE_7090	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_7091	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_7092	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_7093	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_7094	-0.1369978	4.4692842	1.60168972	-0.51635945
## FALSE_7095	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_7096	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_7097	0.9657579	-0.2091924	0.35265405	-0.76532357
## TRUE_7098	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_7099	-0.1369978	-0.2091924	1.60168972	2.22224586
## TRUE_7100	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_7101	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_7102	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_7103	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_7104	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_7105	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_7106	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_7107	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_7108	-1.2397535	-0.7940020	2.43438017	-0.26739533
## TRUE_7109	-1.2397535	-0.7940020	-0.89638162	-0.51635945

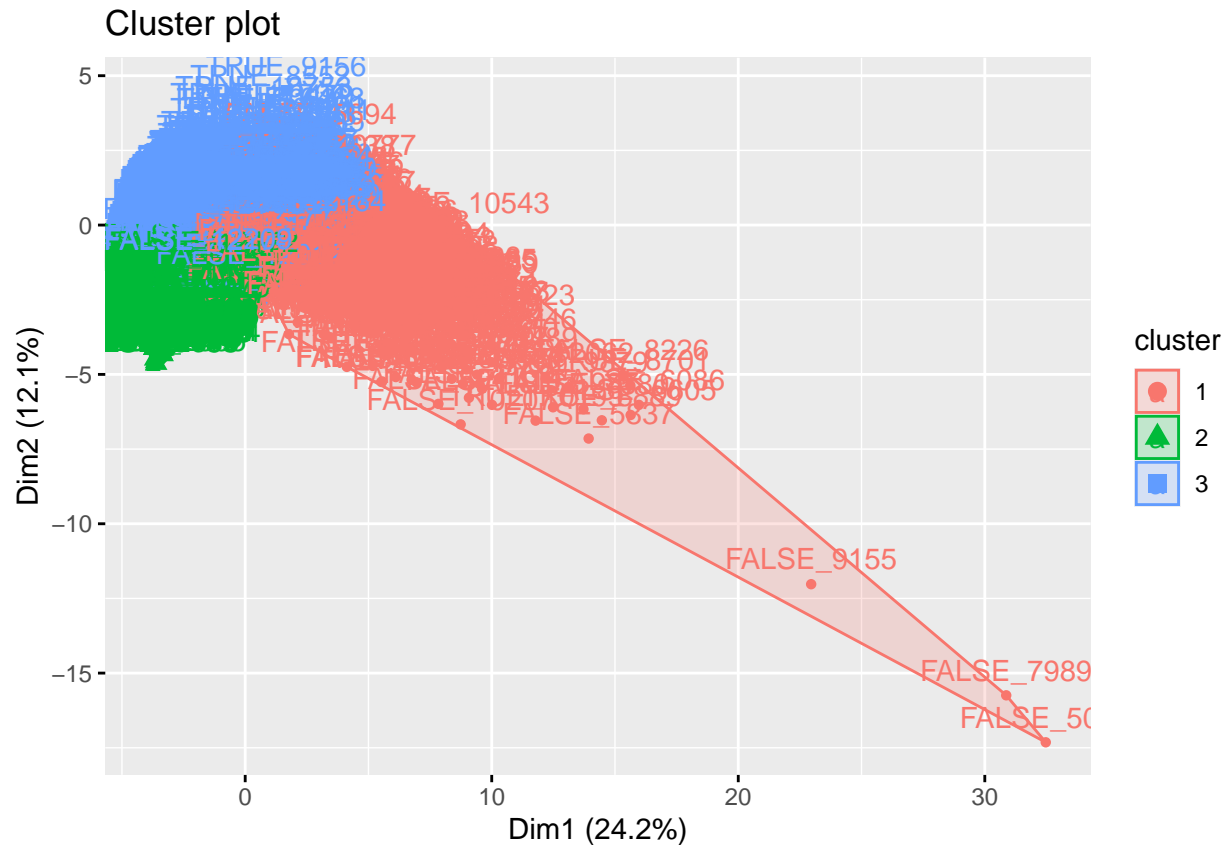
```

## FALSE_7110      -0.1369978  0.9604268 -0.89638162 -0.76532357
## FALSE_7111      -0.1369978  2.7148555 -0.89638162 -0.51635945
## FALSE_7112      -0.1369978 -0.2091924 -0.06369117 -0.26739533
## TRUE_7113       -1.2397535  3.2996650 -0.89638162  0.47949702
## FALSE_7114       0.9657579 -0.2091924 -0.89638162  2.22224586
## FALSE_7115      -1.2397535 -0.7940020 -0.89638162 -0.51635945
## FALSE_7116       0.9657579 -0.2091924  2.01803495  2.22224586
## TRUE_7117       2.0685135 -0.7940020 -0.06369117  0.47949702
## FALSE_7118      -1.2397535 -0.7940020 -0.89638162 -0.51635945
## FALSE_7119       0.9657579 -0.2091924 -0.89638162 -0.26739533
## TRUE_7120       -0.1369978 -0.2091924  0.76899928 -0.51635945
## TRUE_7121       -0.1369978 -0.2091924 -0.06369117 -0.26739533
## TRUE_7122       -0.1369978 -0.2091924 -0.89638162 -0.51635945
## FALSE_7123      -0.1369978 -0.2091924  0.76899928 -0.01843121
## FALSE_7124      -0.1369978 -0.2091924 -0.48003639 -0.76532357
## FALSE_7125       0.9657579 -0.2091924  0.76899928  2.22224586
## FALSE_7126      -0.1369978  4.4692842  1.60168972 -0.76532357
## TRUE_7127       -0.1369978 -0.2091924 -0.89638162 -0.01843121
## FALSE_7128      -1.2397535 -0.7940020  1.18534450 -0.51635945
## FALSE_7129      -1.2397535 -0.7940020 -0.06369117 -0.76532357
## TRUE_7130       -0.1369978 -0.2091924  2.01803495  0.47949702
## FALSE_7131       0.9657579 -0.2091924  2.01803495  3.96499469
## FALSE_7132      -0.1369978  0.9604268 -0.06369117 -0.76532357
## TRUE_7133       -1.2397535 -0.7940020 -0.48003639 -0.51635945
## FALSE_7134       0.9657579 -0.2091924  1.18534450 -0.76532357
## FALSE_7135      -1.2397535 -0.7940020  0.35265405 -0.26739533
## FALSE_7136      -0.1369978 -0.2091924  0.35265405 -0.76532357
## FALSE_7137      -0.1369978 -0.2091924  0.35265405 -0.01843121
## FALSE_7138      -1.2397535 -0.7940020 -0.89638162  0.23053290
## FALSE_7139      -1.2397535  3.2996650  0.76899928  1.72431762
## FALSE_7140      -0.1369978  1.5452363  2.01803495 -0.51635945
## FALSE_7141       2.0685135 -0.7940020 -0.89638162 -0.26739533
## FALSE_7142      -0.1369978 -0.2091924  0.35265405 -0.51635945
## [ reached getOption("max.print") -- omitted 5069 rows ]
## attr("scaled:center")
##      Administrative Administrative_Duration      Informational
##      2.340006e+00      8.168138e+01      5.088074e-01
##      Informational_Duration      ProductRelated ProductRelated_Duration
##      3.483701e+01      3.205816e+01      1.206353e+03
##      BounceRates      ExitRates      PageValues
##      2.044841e-02      4.149826e-02      5.946651e+00
##      SpecialDay      OperatingSystems      Browser
##      6.191139e-02      2.124232e+00      2.357710e+00
##      Region      TrafficType
##      3.152977e+00      4.074032e+00
## attr("scaled:scale")
##      Administrative Administrative_Duration      Informational
##      3.329214e+00      1.774409e+02      1.275190e+00
##      Informational_Duration      ProductRelated ProductRelated_Duration
##      1.413890e+02      4.457899e+01      1.919337e+03
##      BounceRates      ExitRates      PageValues
##      4.538022e-02      4.622445e-02      1.864955e+01
##      SpecialDay      OperatingSystems      Browser
##      1.996219e-01      9.068192e-01      1.709958e+00

```

```
##           Region           TrafficType
##      2.401853e+00      4.016643e+00
```

```
fviz_cluster(list(data = scaled, cluster = clusters))
```



```
table(clusters, data1$Revenue)
```

```
##
## clusters FALSE TRUE
##      1  1170  450
##      2   939   6
##      3  8194 1452
```

```
## Hierarchical Clustering
## The data has already been scaled and the distance obtained.
h_data<- hclust(c_data, method = "complete")
h_data
```

```
##
## Call:
## hclust(d = c_data, method = "complete")
##
## Cluster method   : complete
## Distance         : euclidean
## Number of objects: 12211
```


[illegible]

[illegible]

[illegible]

scaled

##	Administrative	Administrative_Duration	Informational
## FALSE_1	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_4	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_8	-0.402499201	-4.659657e-01	-0.399005150
## FALSE_9	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_10	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_11	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_12	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_13	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_14	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_15	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_16	-0.102128014	-1.616391e-01	-0.399005150
## FALSE_17	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_18	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_19	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_20	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_21	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_22	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_23	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_24	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_25	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_26	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_27	0.498614361	-9.626518e-02	-0.399005150
## FALSE_28	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_29	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_30	-0.402499201	-4.265160e-01	0.385191606
## FALSE_31	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_32	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_33	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_34	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_35	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_36	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_37	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_38	-0.102128014	-3.588878e-01	-0.399005150
## FALSE_39	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_40	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_41	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_42	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_43	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_44	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_45	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_46	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_47	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_48	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_49	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_50	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_51	-0.702870388	-4.659657e-01	-0.399005150

## FALSE_52	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_53	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_54	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_55	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_56	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_57	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_58	0.498614361	-1.447320e-01	1.169388361
## FALSE_59	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_60	-0.102128014	-3.701592e-01	-0.399005150
## FALSE_61	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_62	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_63	2.901583861	1.114373e+00	-0.399005150
## FALSE_64	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_65	-0.702870388	-4.659657e-01	-0.399005150
## TRUE_66	0.198243174	3.467043e-02	-0.399005150
## FALSE_67	0.498614361	-2.123602e-01	-0.399005150
## FALSE_68	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_69	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_70	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_71	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_72	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_73	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_74	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_75	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_76	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_77	2.300841486	5.207284e+00	-0.399005150
## FALSE_78	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_79	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_80	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_81	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_82	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_84	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_85	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_87	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_88	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_89	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_90	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_91	-0.102128014	-2.574456e-01	-0.399005150
## FALSE_92	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_94	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_95	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_96	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_97	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_98	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_99	-0.702870388	-4.603300e-01	0.385191606
## FALSE_100	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_101	0.198243174	-3.570093e-01	-0.399005150
## TRUE_102	0.498614361	-1.165536e-01	-0.399005150
## FALSE_103	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_104	-0.102128014	-2.856240e-01	0.385191606
## FALSE_105	0.198243174	-1.306428e-01	-0.399005150

## FALSE_106	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_107	-0.702870388	-4.603300e-01	0.385191606
## FALSE_108	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_109	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_110	1.099356736	1.378310e+00	2.737781872
## FALSE_111	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_112	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_113	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_114	-0.102128014	-3.363451e-01	-0.399005150
## FALSE_115	-0.702870388	-4.603300e-01	0.385191606
## FALSE_116	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_118	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_120	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_121	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_122	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_123	-0.702870388	-4.603300e-01	1.169388361
## FALSE_124	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_125	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_126	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_127	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_128	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_129	0.498614361	2.143354e+00	-0.399005150
## FALSE_130	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_131	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_132	-0.102128014	-3.476165e-01	-0.399005150
## FALSE_133	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_134	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_135	1.099356736	1.680482e-01	-0.399005150
## FALSE_136	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_137	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_138	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_139	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_140	0.498614361	1.236672e-01	-0.399005150
## FALSE_141	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_142	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_143	0.198243174	-3.532521e-01	-0.399005150
## FALSE_144	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_145	-0.702870388	-4.603300e-01	0.385191606
## FALSE_146	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_147	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_148	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_149	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_160	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_161	-0.102128014	-1.334607e-01	1.169388361
## FALSE_162	-0.402499201	-4.067911e-01	-0.399005150
## FALSE_163	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_164	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_166	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_170	-0.402499201	-4.603300e-01	-0.399005150
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## FALSE_173	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_174	0.798985549	-2.275765e-01	-0.399005150
## FALSE_175	0.198243174	2.997403e-02	-0.399005150
## FALSE_176	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_177	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_178	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_179	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_180	-0.702870388	-4.659657e-01	-0.399005150
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## FALSE_182	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_183	-0.702870388	-4.603300e-01	12.148142939
## FALSE_184	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_185	-0.102128014	-4.096089e-01	-0.399005150
## FALSE_186	2.300841486	1.195310e+00	1.169388361
## TRUE_187	2.000470298	1.680482e-01	0.385191606
## FALSE_188	0.198243174	-1.954531e-01	0.385191606
## FALSE_189	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_190	0.198243174	6.449012e+00	3.521978628
## FALSE_191	0.198243174	-1.672747e-01	-0.399005150
## FALSE_192	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_193	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_194	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_195	-0.102128014	-1.447320e-01	0.385191606
## FALSE_196	0.198243174	1.762807e-01	-0.399005150
## TRUE_197	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_198	0.198243174	6.942378e-02	1.169388361
## TRUE_199	-0.402499201	-2.799883e-01	-0.399005150
## FALSE_200	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_201	0.798985549	7.682480e-01	-0.399005150
## FALSE_202	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_203	-0.402499201	2.103158e-01	-0.399005150
## FALSE_204	0.198243174	1.123296e+00	-0.399005150
## TRUE_205	-0.402499201	-3.588878e-01	-0.399005150
## FALSE_206	-0.102128014	-2.349029e-01	-0.399005150
## FALSE_207	0.198243174	1.426876e-01	-0.399005150
## FALSE_208	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_209	-0.102128014	-1.841818e-01	0.385191606
## FALSE_210	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_211	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_212	0.498614361	-1.390963e-01	-0.399005150
## FALSE_213	-0.102128014	-4.490587e-01	1.953585117

## FALSE_214	-0.102128014	2.328585e-01	1.169388361
## FALSE_215	-0.102128014	2.046801e-01	-0.399005150
## FALSE_216	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_217	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_218	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_219	-0.102128014	-2.461742e-01	-0.399005150
## FALSE_220	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_221	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_222	-0.402499201	-1.560034e-01	-0.399005150
## FALSE_223	-0.402499201	5.135899e+00	-0.399005150
## FALSE_224	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_225	0.798985549	-4.188088e-02	1.169388361
## FALSE_226	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_227	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_228	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_229	-0.102128014	-2.799883e-01	-0.399005150
## FALSE_230	1.099356736	3.297729e+00	-0.399005150
## FALSE_231	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_232	-0.402499201	-4.892548e-02	0.385191606
## FALSE_233	-0.102128014	4.075645e-01	-0.399005150
## FALSE_234	0.198243174	-1.823032e-01	3.521978628
## FALSE_235	0.198243174	2.074979e-01	-0.399005150
## FALSE_236	1.099356736	4.047467e-01	-0.399005150
## FALSE_237	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_245	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_246	-0.402499201	-3.363451e-01	-0.399005150
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## FALSE_248	-0.402499201	-3.401022e-01	0.385191606
## FALSE_249	-0.102128014	6.160846e-01	0.385191606
## FALSE_250	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_251	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_252	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_253	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_254	0.498614361	8.351298e-02	-0.399005150
## FALSE_255	-0.402499201	-3.870662e-01	-0.399005150
## FALSE_256	0.798985549	7.366219e+00	-0.399005150
## FALSE_257	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_258	-0.702870388	-4.603300e-01	0.385191606
## FALSE_259	0.198243174	-1.729104e-01	-0.399005150
## FALSE_260	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_264	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_272	0.498614361	-3.081667e-01	-0.399005150
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## TRUE_275	0.498614361	-3.757949e-01	-0.399005150
## FALSE_276	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_280	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_281	3.201955048	6.583195e+00	2.737781872
## FALSE_282	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_283	-0.102128014	1.737585e+00	-0.399005150
## FALSE_284	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_287	2.601212673	7.542930e-01	0.385191606
## FALSE_288	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_289	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_290	-0.102128014	-3.476165e-01	-0.399005150
## FALSE_291	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_292	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_293	-0.102128014	-4.152446e-01	0.385191606
## TRUE_294	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_295	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_296	0.498614361	5.047800e-01	-0.399005150
## FALSE_297	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_298	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_299	0.798985549	8.208476e-01	-0.399005150
## FALSE_300	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_301	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_303	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_304	-0.702870388	-4.603300e-01	0.385191606
## FALSE_305	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_306	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_307	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_308	0.798985549	2.433835e-02	-0.399005150
## FALSE_309	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_310	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_311	-0.102128014	-4.208803e-01	-0.399005150
## FALSE_312	-0.702870388	-4.603300e-01	0.385191606
## FALSE_313	1.399727924	5.934077e-01	1.169388361
## FALSE_314	0.198243174	3.173937e-01	1.169388361
## FALSE_315	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_316	-0.102128014	1.647414e+00	-0.399005150
## FALSE_317	-0.102128014	-1.165536e-01	-0.399005150
## FALSE_318	-0.402499201	-3.814305e-01	-0.399005150
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## FALSE_320	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_323	1.099356736	3.007021e+00	-0.399005150
## FALSE_324	0.498614361	1.652303e-01	-0.399005150
## FALSE_325	-0.102128014	3.681148e-01	-0.399005150
## FALSE_326	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_327	0.198243174	-1.606998e-01	-0.399005150
## FALSE_328	-0.102128014	-1.334607e-01	-0.399005150
## FALSE_329	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_330	0.198243174	-1.869996e-01	-0.399005150
## FALSE_331	-0.402499201	-3.419808e-01	1.953585117
## FALSE_332	0.498614361	1.896516e-01	-0.399005150
## FALSE_333	-0.702870388	-4.603300e-01	0.385191606
## FALSE_334	-0.402499201	-4.152446e-01	-0.399005150
## FALSE_335	-0.402499201	-2.783781e-01	-0.399005150
## FALSE_336	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_337	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_338	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_339	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_340	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_341	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_342	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_343	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_344	0.498614361	1.104980e+00	-0.399005150
## FALSE_345	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_346	1.099356736	8.988079e-01	-0.399005150
## FALSE_347	0.198243174	-9.964659e-02	-0.399005150
## FALSE_348	-0.402499201	-3.166202e-01	-0.399005150
## FALSE_349	-0.102128014	-9.964659e-02	-0.399005150
## FALSE_350	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_351	1.700099111	2.723082e-01	0.385191606
## FALSE_352	2.000470298	-1.511140e-02	0.385191606
## FALSE_353	0.198243174	1.306699e-02	-0.399005150
## TRUE_354	-0.702870388	-4.603300e-01	0.385191606
## FALSE_355	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_356	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_357	0.198243174	-2.292672e-01	-0.399005150
## FALSE_358	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_359	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_360	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_361	-0.402499201	-3.814305e-01	-0.399005150
## FALSE_362	0.498614361	2.433835e-02	-0.399005150
## FALSE_363	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_364	0.198243174	3.022520e+00	-0.399005150
## FALSE_365	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_366	-0.402499201	-3.933281e-01	-0.399005150
## FALSE_367	0.798985549	-1.700926e-01	-0.399005150
## FALSE_368	-0.102128014	-4.208803e-01	-0.399005150
## FALSE_369	1.700099111	1.055668e+00	-0.399005150
## FALSE_370	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_371	-0.102128014	-2.095423e-01	-0.399005150
## FALSE_372	-0.402499201	-4.434230e-01	10.579749428
## FALSE_373	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_374	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_375	0.498614361	-1.165536e-01	-0.399005150

## FALSE_376	0.198243174	4.688107e-02	-0.399005150
## FALSE_377	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_378	-0.102128014	1.173271e-01	1.953585117
## FALSE_379	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_380	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_381	-0.402499201	-3.645235e-01	-0.399005150
## FALSE_382	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_383	2.000470298	7.418810e-01	3.521978628
## FALSE_384	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_385	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_386	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_387	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_388	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_389	1.099356736	-5.737899e-02	-0.399005150
## FALSE_390	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_391	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_392	0.198243174	1.252916e+00	-0.399005150
## FALSE_393	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_394	1.399727924	3.906575e-01	-0.399005150
## FALSE_395	0.198243174	6.653968e-01	-0.399005150
## FALSE_396	-0.402499201	-3.842484e-01	0.385191606
## FALSE_397	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_398	1.399727924	6.172118e-01	2.737781872
## TRUE_399	-0.102128014	-1.954531e-01	-0.399005150
## FALSE_400	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_401	0.798985549	6.498987e-01	2.737781872
## FALSE_402	0.198243174	1.884775e-01	-0.399005150
## FALSE_403	0.498614361	1.302229e+00	-0.399005150
## FALSE_404	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_405	0.498614361	3.619902e+00	-0.399005150
## FALSE_406	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_407	1.700099111	8.781437e-01	2.737781872
## FALSE_408	0.198243174	-8.649667e-02	-0.399005150
## FALSE_409	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_410	-0.102128014	6.104490e-01	0.385191606
## FALSE_411	0.498614361	5.202781e-01	0.385191606
## FALSE_412	0.198243174	8.189691e-01	-0.399005150
## FALSE_413	-0.402499201	-3.307094e-01	-0.399005150
## FALSE_414	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_415	-0.702870388	-4.603300e-01	1.169388361
## FALSE_416	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_417	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_418	-0.402499201	-3.138024e-01	0.385191606
## FALSE_419	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_420	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_421	-0.102128014	-2.292672e-01	-0.399005150
## TRUE_422	0.498614361	-4.328980e-02	1.169388361
## FALSE_423	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_424	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_425	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_427	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_428	-0.102128014	-4.328980e-02	-0.399005150
## FALSE_429	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_430	-0.102128014	-2.067245e-01	-0.399005150
## FALSE_431	-0.102128014	1.708660e-01	-0.399005150
## FALSE_432	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_433	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_434	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_435	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_436	-0.402499201	-4.293338e-01	-0.399005150
## FALSE_437	0.198243174	-1.785461e-01	-0.399005150
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## FALSE_441	0.798985549	1.793195e-01	-0.399005150
## FALSE_442	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_443	0.198243174	1.112024e+00	-0.399005150
## FALSE_444	0.198243174	8.246048e-01	0.385191606
## FALSE_445	0.198243174	-1.503677e-01	1.169388361
## FALSE_446	1.099356736	1.736838e-01	-0.399005150
## FALSE_447	-0.402499201	-3.645235e-01	-0.399005150
## FALSE_448	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_451	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_452	-0.402499201	-4.124268e-01	-0.399005150
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## FALSE_456	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_457	1.399727924	1.340269e+00	-0.399005150
## FALSE_458	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_459	-0.702870388	-4.603300e-01	0.385191606
## FALSE_460	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_461	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_462	0.798985549	8.914866e-02	-0.399005150
## FALSE_463	1.399727924	5.658332e-01	-0.399005150
## FALSE_464	0.198243174	8.633082e-02	-0.399005150
## FALSE_465	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_466	0.198243174	-2.640206e-01	-0.399005150
## FALSE_467	-0.702870388	-4.603300e-01	1.953585117
## FALSE_468	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_469	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_470	-0.702870388	-4.603300e-01	1.169388361
## FALSE_471	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_472	-0.402499201	-2.638276e-02	-0.399005150
## FALSE_473	0.198243174	1.426876e-01	-0.399005150
## FALSE_474	2.300841486	3.000916e+00	-0.399005150
## FALSE_475	3.201955048	1.320357e+00	0.385191606
## FALSE_476	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_478	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_479	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_480	-0.102128014	-1.916960e-01	-0.399005150
## FALSE_481	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_483	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_484	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_486	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_487	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_488	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_489	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_490	-0.102128014	-3.194381e-01	-0.399005150
## FALSE_491	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_492	1.700099111	1.562879e+00	1.169388361
## FALSE_493	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_494	0.798985549	-1.278250e-01	-0.399005150
## FALSE_495	0.498614361	7.135156e+00	-0.399005150
## FALSE_496	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_497	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_498	4.703810985	1.123014e+00	4.306175383
## TRUE_499	0.498614361	1.049286e-01	-0.399005150
## FALSE_500	-0.402499201	-3.307094e-01	-0.399005150
## FALSE_501	1.099356736	-1.594921e-01	-0.399005150
## FALSE_502	-0.102128014	-4.152446e-01	-0.399005150
## FALSE_503	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_504	-0.402499201	-4.603300e-01	0.385191606
## FALSE_505	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_506	3.502326235	1.886326e+00	4.306175383
## FALSE_507	1.099356736	2.771732e+00	0.385191606
## FALSE_508	1.099356736	2.164957e+00	1.169388361
## FALSE_509	-0.702870388	-4.603300e-01	0.385191606
## FALSE_510	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_511	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_512	2.000470298	8.995376e-02	-0.399005150
## FALSE_513	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_514	0.198243174	3.737504e-01	-0.399005150
## FALSE_515	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_516	0.198243174	-1.334607e-01	-0.399005150
## FALSE_517	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_518	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_519	0.498614361	8.977484e-02	-0.399005150
## FALSE_520	0.498614361	-1.390963e-01	-0.399005150
## FALSE_521	-0.102128014	-2.687170e-01	-0.399005150
## FALSE_522	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_523	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_524	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_525	-0.102128014	-2.489921e-01	-0.399005150
## FALSE_526	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_527	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_528	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_529	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_530	-0.102128014	-3.335273e-01	-0.399005150
## FALSE_531	-0.702870388	-4.603300e-01	0.385191606
## FALSE_532	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_533	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_534	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_535	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_536	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_537	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_538	-0.102128014	-2.461742e-01	-0.399005150
## FALSE_539	1.099356736	-2.638276e-02	1.953585117
## FALSE_540	-0.102128014	-1.306428e-01	1.169388361
## FALSE_541	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_542	1.099356736	9.948074e-02	0.385191606
## FALSE_543	0.198243174	1.990444e-01	-0.399005150
## FALSE_544	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_545	-0.102128014	-3.664021e-01	-0.399005150
## FALSE_546	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_547	2.901583861	-1.022204e-03	-0.399005150
## FALSE_548	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_549	-0.702870388	-4.603300e-01	0.385191606
## FALSE_550	0.498614361	-2.687170e-01	-0.399005150
## FALSE_551	0.498614361	-2.433564e-01	-0.399005150
## FALSE_552	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_553	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_554	1.399727924	4.202448e-01	-0.399005150
## FALSE_555	0.198243174	-3.757949e-01	-0.399005150
## FALSE_556	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_557	-0.702870388	-4.603300e-01	1.169388361
## FALSE_558	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_559	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_560	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_561	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_562	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_563	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_564	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_566	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_567	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_568	0.798985549	-7.992171e-02	1.953585117
## FALSE_569	2.901583861	1.294672e+00	-0.399005150
## FALSE_570	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_571	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_572	0.198243174	-3.814305e-01	-0.399005150
## FALSE_573	1.099356736	3.568434e-01	-0.399005150
## FALSE_574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_575	-0.702870388	-4.603300e-01	0.385191606
## FALSE_576	-0.402499201	-2.179958e-01	-0.399005150
## FALSE_577	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_578	0.498614361	1.306699e-02	-0.399005150
## FALSE_579	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_580	0.498614361	2.159514e-01	-0.399005150
## TRUE_581	-0.702870388	-4.603300e-01	0.385191606
## FALSE_582	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_583	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_584	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_585	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_586	0.798985549	1.021854e+00	-0.399005150
## FALSE_587	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_588	2.000470298	-4.923857e-02	1.169388361
## FALSE_589	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_590	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_591	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_592	-0.402499201	-3.560700e-01	-0.399005150
## FALSE_593	1.099356736	3.185259e-02	-0.399005150
## TRUE_594	1.099356736	1.010167e-01	-0.399005150
## FALSE_595	0.198243174	-1.052823e-01	-0.399005150
## TRUE_596	0.198243174	-7.710387e-02	0.385191606
## FALSE_597	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_598	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_599	0.198243174	-7.428603e-02	-0.399005150
## FALSE_600	-0.402499201	3.004866e-01	-0.399005150
## FALSE_601	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_602	-0.402499201	-2.687170e-01	-0.399005150
## TRUE_603	1.099356736	5.329584e-01	9.011355917
## FALSE_604	4.103068610	1.315726e+00	4.306175383
## TRUE_605	1.099356736	2.488338e+00	1.169388361
## FALSE_606	0.498614361	-3.201844e-02	-0.399005150
## TRUE_607	0.198243174	2.084372e-01	-0.399005150
## FALSE_608	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_609	1.700099111	5.230959e-01	-0.399005150
## FALSE_610	-0.402499201	-2.349029e-01	-0.399005150
## FALSE_611	1.700099111	6.733807e-01	1.953585117
## FALSE_612	3.201955048	1.652345e+00	0.385191606
## FALSE_613	0.498614361	-1.447320e-01	-0.399005150
## TRUE_614	0.198243174	6.284882e-02	-0.399005150
## FALSE_615	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_616	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_617	-0.402499201	-4.377873e-01	1.953585117
## FALSE_618	-0.102128014	1.145092e-01	-0.399005150
## FALSE_619	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_620	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_621	-0.702870388	-4.603300e-01	0.385191606
## FALSE_622	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_623	0.198243174	5.935419e-01	1.169388361
## FALSE_624	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_625	0.498614361	5.822706e-01	-0.399005150
## TRUE_626	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_627	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_628	1.700099111	4.763198e-01	3.521978628
## FALSE_629	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_630	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_631	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_632	-0.102128014	1.306699e-02	-0.399005150
## FALSE_633	0.198243174	2.433835e-02	-0.399005150
## TRUE_634	4.403439798	3.789589e+00	1.169388361
## FALSE_635	0.198243174	-3.250737e-01	-0.399005150
## FALSE_636	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_637	1.700099111	-3.625595e-01	-0.399005150
## FALSE_638	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_639	-0.102128014	-3.757949e-01	-0.399005150
## TRUE_640	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_641	0.198243174	-2.574456e-01	0.385191606
## FALSE_642	-0.102128014	-2.687170e-01	-0.399005150
## FALSE_643	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_644	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_645	-0.102128014	-1.954531e-01	-0.399005150

## FALSE_646	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_647	0.798985549	-2.095423e-01	0.385191606
## FALSE_648	1.099356736	2.469477e-01	-0.399005150
## FALSE_649	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_650	-0.102128014	-2.236315e-01	1.169388361
## FALSE_651	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_652	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_653	-0.102128014	7.505946e-02	-0.399005150
## FALSE_654	0.498614361	-1.419142e-01	-0.399005150
## FALSE_655	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_656	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_657	0.798985549	3.000841e-01	1.169388361
## FALSE_658	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_659	-0.102128014	-9.964659e-02	-0.399005150
## FALSE_660	0.198243174	-7.710387e-02	-0.399005150
## FALSE_661	-0.102128014	-3.447986e-01	-0.399005150
## FALSE_662	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_663	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_664	0.198243174	-3.964590e-01	-0.399005150
## FALSE_665	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_666	0.798985549	2.380052e+00	-0.399005150
## FALSE_667	-0.102128014	-3.194381e-01	-0.399005150
## FALSE_668	-0.102128014	-3.476165e-01	-0.399005150
## FALSE_669	-0.402499201	-3.494950e-01	-0.399005150
## FALSE_670	-0.402499201	-3.870662e-01	-0.399005150
## FALSE_671	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_672	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_673	1.099356736	-3.013988e-02	-0.399005150
## TRUE_674	-0.102128014	-2.042197e-01	0.385191606
## FALSE_675	0.198243174	-2.856240e-01	-0.399005150
## FALSE_676	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_677	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_678	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_680	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_681	-0.702870388	-4.603300e-01	2.737781872
## FALSE_682	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_683	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_684	1.700099111	2.450691e-01	-0.399005150
## FALSE_685	-0.102128014	-3.870662e-01	-0.399005150
## TRUE_686	-0.402499201	-5.080403e-02	2.737781872
## TRUE_687	0.798985549	1.084039e-01	-0.399005150
## FALSE_688	1.399727924	-1.221893e-01	1.953585117
## TRUE_689	0.198243174	-1.813639e-01	0.385191606
## FALSE_690	1.700099111	2.168714e+00	1.169388361
## FALSE_691	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_692	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_693	0.798985549	5.272143e-01	-0.399005150
## TRUE_694	1.099356736	8.552572e-02	-0.399005150
## FALSE_695	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_696	5.004182173	1.806260e+00	2.737781872
## FALSE_697	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_698	0.498614361	5.439479e-01	-0.399005150
## FALSE_699	1.399727924	4.216537e-01	0.385191606

## FALSE_700	0.798985549	-1.334607e-01	-0.399005150
## FALSE_701	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_702	-0.402499201	-2.179958e-01	-0.399005150
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## FALSE_704	-0.702870388	-4.603300e-01	0.385191606
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## FALSE_706	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_707	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_708	-0.102128014	1.264188e+00	-0.399005150
## FALSE_709	0.198243174	-5.456115e-02	0.385191606
## FALSE_710	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_711	-0.402499201	6.780771e-01	-0.399005150
## FALSE_712	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_713	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_714	0.498614361	1.564569e+00	2.737781872
## FALSE_715	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_716	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_717	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_718	-0.402499201	-2.405386e-01	-0.399005150
## FALSE_719	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_720	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_721	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_722	-0.102128014	-2.264494e-01	1.169388361
## FALSE_723	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_724	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_725	-0.102128014	2.328585e-01	-0.399005150
## FALSE_726	0.198243174	-2.236315e-01	-0.399005150
## TRUE_727	-0.702870388	-4.603300e-01	0.385191606
## FALSE_728	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_729	-0.402499201	-3.363451e-01	-0.399005150
## FALSE_730	-0.102128014	7.787730e-02	-0.399005150
## FALSE_731	-0.102128014	-1.860603e-01	-0.399005150
## FALSE_732	0.798985549	1.200505e+00	4.306175383
## FALSE_733	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_734	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_735	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_736	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_737	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_738	0.198243174	2.441298e-01	0.385191606
## FALSE_739	0.198243174	-3.927019e-01	0.385191606
## FALSE_740	-0.402499201	-4.011554e-01	-0.399005150
## FALSE_741	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_742	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_743	0.198243174	9.760218e-02	-0.399005150
## TRUE_744	1.099356736	5.038407e-01	-0.399005150
## FALSE_745	1.399727924	4.385608e-01	-0.399005150
## FALSE_746	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_747	0.798985549	7.006198e-01	-0.399005150
## FALSE_748	-0.102128014	-2.349029e-01	1.169388361
## FALSE_749	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_750	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_751	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_752	1.099356736	1.017627e+00	1.953585117
## FALSE_753	-0.102128014	-2.123602e-01	-0.399005150

## FALSE_754	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_755	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_756	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_760	-0.102128014	-1.081001e-01	-0.399005150
## FALSE_761	3.802697423	4.821285e+00	1.953585117
## FALSE_762	-0.102128014	-1.898174e-01	-0.399005150
## FALSE_763	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_764	1.099356736	2.004667e+00	1.169388361
## FALSE_765	1.399727924	4.376215e-01	-0.399005150
## FALSE_766	-0.102128014	-2.771705e-01	-0.399005150
## FALSE_767	-0.702870388	-4.603300e-01	1.169388361
## FALSE_768	2.601212673	7.386137e-01	1.953585117
## FALSE_769	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_770	0.198243174	-3.682806e-01	-0.399005150
## FALSE_771	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_772	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_773	0.498614361	2.723082e-01	-0.399005150
## TRUE_774	0.498614361	-3.757949e-01	0.385191606
## FALSE_775	-0.702870388	-4.603300e-01	0.385191606
## FALSE_776	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_777	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_778	-0.102128014	-2.123602e-01	-0.399005150
## FALSE_779	2.000470298	3.314829e-01	-0.399005150
## FALSE_780	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_781	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_782	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_783	0.498614361	-1.447320e-01	0.385191606
## FALSE_784	0.198243174	1.123296e+00	-0.399005150
## FALSE_785	-0.102128014	3.560971e-02	-0.399005150
## FALSE_786	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_787	2.000470298	1.619001e-01	0.385191606
## FALSE_788	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_789	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_790	2.300841486	1.321336e+00	5.090372139
## FALSE_791	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_792	-0.102128014	-3.081667e-01	-0.399005150
## TRUE_793	0.198243174	-4.328980e-02	1.169388361
## FALSE_794	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_795	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_796	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_797	-0.402499201	-4.603300e-01	0.385191606
## FALSE_798	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_799	-0.102128014	3.286650e-01	-0.399005150
## FALSE_800	0.198243174	2.103158e-01	-0.399005150
## TRUE_801	1.399727924	1.239954e+00	4.306175383
## FALSE_802	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_803	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_804	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_805	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_806	1.099356736	1.793195e-01	-0.399005150
## FALSE_807	0.198243174	1.912291e+00	-0.399005150

## FALSE_808	-0.102128014	1.877730e-01	-0.399005150
## FALSE_809	-0.702870388	-4.603300e-01	1.169388361
## FALSE_810	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_811	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_812	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_813	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_814	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_815	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_816	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_817	-0.102128014	7.118912e-01	0.385191606
## FALSE_818	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_819	0.798985549	6.273560e-01	0.385191606
## FALSE_820	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_821	0.498614361	3.279187e-02	0.385191606
## FALSE_822	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_823	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_824	0.798985549	-2.226069e-01	-0.399005150
## FALSE_825	0.198243174	2.863974e-01	-0.399005150
## FALSE_826	1.399727924	4.620427e-01	-0.399005150
## FALSE_827	-0.102128014	7.431314e-03	-0.399005150
## TRUE_828	0.798985549	2.037408e-01	-0.399005150
## FALSE_829	0.198243174	7.505946e-02	-0.399005150
## FALSE_830	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_831	0.198243174	-1.221893e-01	-0.399005150
## FALSE_832	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_833	0.798985549	-1.475499e-01	-0.399005150
## FALSE_834	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_835	1.700099111	4.441964e-01	1.169388361
## TRUE_836	0.498614361	-9.776803e-02	0.385191606
## FALSE_837	0.498614361	-4.704692e-02	-0.399005150
## FALSE_838	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_839	2.000470298	7.526559e-01	3.521978628
## FALSE_840	0.498614361	-1.022204e-03	-0.399005150
## FALSE_841	-0.702870388	-4.603300e-01	0.385191606
## FALSE_842	1.399727924	6.752593e-01	-0.399005150
## FALSE_843	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_844	1.700099111	2.314772e+00	2.737781872
## FALSE_845	1.399727924	3.638880e-01	-0.399005150
## FALSE_846	0.798985549	4.203521e-01	2.737781872
## FALSE_847	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_848	0.498614361	-3.835775e-01	-0.399005150
## TRUE_849	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_850	-0.102128014	-3.814305e-01	-0.399005150
## FALSE_851	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_852	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_853	-0.402499201	-3.927019e-01	-0.399005150
## TRUE_854	1.099356736	1.526247e+00	-0.399005150
## FALSE_855	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_856	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_857	0.798985549	6.237918e-02	0.385191606
## FALSE_858	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_859	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_860	0.198243174	4.864640e-01	-0.399005150
## FALSE_861	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_862	0.798985549	5.512743e-01	-0.399005150
## FALSE_863	1.700099111	1.086664e+00	-0.399005150
## FALSE_864	0.198243174	-9.682875e-02	-0.399005150
## FALSE_865	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_866	-0.402499201	-4.377873e-01	1.169388361
## FALSE_867	2.000470298	5.071282e-01	1.953585117
## TRUE_868	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_869	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_870	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_871	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_872	2.000470298	1.297532e+00	-0.399005150
## FALSE_873	-0.402499201	9.478434e-02	-0.399005150
## FALSE_874	2.000470298	4.431003e+00	-0.399005150
## FALSE_875	0.198243174	3.681148e-01	-0.399005150
## FALSE_876	-0.102128014	-3.081667e-01	-0.399005150
## FALSE_877	0.198243174	1.412787e-01	-0.399005150
## FALSE_878	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_879	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_880	-0.402499201	-1.503677e-01	0.385191606
## FALSE_881	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_882	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_883	0.798985549	9.016257e-01	3.521978628
## FALSE_884	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_885	-0.402499201	-1.954531e-01	-0.399005150
## FALSE_886	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_887	0.198243174	-2.630813e-01	-0.399005150
## FALSE_888	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_889	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_890	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_891	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_892	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_893	0.198243174	-2.743526e-01	1.169388361
## TRUE_894	0.198243174	3.991110e-01	3.521978628
## FALSE_895	2.601212673	4.206309e+00	4.306175383
## FALSE_896	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_897	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_898	0.498614361	4.526499e-01	1.953585117
## FALSE_899	0.498614361	2.580119e+00	-0.399005150
## FALSE_900	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_901	0.498614361	2.187693e-01	-0.399005150
## FALSE_902	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_903	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_904	-0.402499201	-3.927019e-01	-0.399005150
## FALSE_905	2.901583861	1.145906e+00	-0.399005150
## FALSE_906	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_907	2.300841486	6.583522e-01	1.169388361
## FALSE_908	0.498614361	8.020620e-01	0.385191606
## FALSE_909	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_910	0.498614361	4.554678e-01	1.169388361
## FALSE_911	-0.102128014	-2.356492e-02	1.953585117
## FALSE_912	1.099356736	6.245382e-01	-0.399005150
## FALSE_913	1.099356736	3.782590e-01	2.737781872
## FALSE_914	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_915	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_916	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_917	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_918	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_919	0.498614361	8.111538e+00	1.169388361
## FALSE_920	3.201955048	1.723689e-01	-0.399005150
## FALSE_921	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_922	0.198243174	3.850218e-01	-0.399005150
## FALSE_923	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_924	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_925	-0.702870388	-4.603300e-01	2.737781872
## FALSE_926	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_927	0.498614361	4.836462e-01	-0.399005150
## FALSE_928	0.498614361	-1.390963e-01	0.385191606
## FALSE_929	0.798985549	1.483979e+00	-0.399005150
## FALSE_930	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_931	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_932	2.601212673	1.045336e+00	-0.399005150
## FALSE_933	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_934	0.198243174	2.328585e-01	-0.399005150
## FALSE_935	0.198243174	7.280275e+00	-0.399005150
## FALSE_936	0.798985549	-2.968953e-01	-0.399005150
## FALSE_937	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_938	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_939	1.700099111	-2.940775e-01	-0.399005150
## FALSE_940	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_941	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_942	0.798985549	-1.323284e-02	1.953585117
## FALSE_943	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_944	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_945	0.198243174	-3.701592e-01	-0.399005150
## FALSE_946	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_947	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_948	-0.102128014	-2.743526e-01	-0.399005150
## FALSE_949	0.198243174	3.230293e-01	-0.399005150
## FALSE_950	-0.102128014	-1.954531e-01	-0.399005150
## FALSE_951	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_952	-0.402499201	-1.531855e-01	-0.399005150
## FALSE_953	3.502326235	1.075392e+00	1.169388361
## FALSE_954	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_955	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_956	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_957	0.798985549	4.920997e-01	-0.399005150
## FALSE_958	0.498614361	-1.264161e-01	-0.399005150
## FALSE_959	0.498614361	5.259138e-01	-0.399005150
## FALSE_960	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_961	0.498614361	4.357429e-01	-0.399005150
## FALSE_962	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_963	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_964	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_965	2.601212673	9.335612e-01	1.169388361
## FALSE_966	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_967	-0.102128014	-1.886852e-02	-0.399005150
## FALSE_968	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_969	-0.402499201	-3.701592e-01	-0.399005150

## FALSE_970	-0.402499201	-4.152446e-01	-0.399005150
## FALSE_971	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_972	0.798985549	1.047214e+00	-0.399005150
## FALSE_973	-0.402499201	-3.814305e-01	-0.399005150
## FALSE_974	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_975	-0.102128014	-3.645235e-01	-0.399005150
## FALSE_976	-0.402499201	-3.927019e-01	-0.399005150
## FALSE_977	0.798985549	1.863641e-01	-0.399005150
## FALSE_978	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_979	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_980	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_981	-0.402499201	-4.039732e-01	-0.399005150
## FALSE_982	2.300841486	4.667391e-01	0.385191606
## FALSE_983	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_984	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_985	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_986	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_987	0.498614361	1.723496e+00	-0.399005150
## FALSE_988	-0.102128014	2.328585e-01	-0.399005150
## FALSE_989	0.498614361	1.075392e+00	-0.399005150
## FALSE_990	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_991	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_992	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_993	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_995	0.498614361	1.345905e+00	-0.399005150
## FALSE_996	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_997	-0.102128014	-2.630813e-01	-0.399005150
## FALSE_998	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_999	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1000	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1001	-0.102128014	-2.687170e-01	-0.399005150
## FALSE_1002	-0.102128014	-1.954531e-01	-0.399005150
## FALSE_1003	-0.102128014	-3.983376e-01	1.953585117
## FALSE_1004	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1005	0.198243174	-3.870662e-01	-0.399005150
## FALSE_1006	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1007	-0.102128014	-2.574456e-01	-0.399005150
## FALSE_1008	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1009	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1010	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1011	0.198243174	-2.743526e-01	-0.399005150
## FALSE_1012	1.399727924	8.633082e-02	4.306175383
## FALSE_1013	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1014	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1015	-0.402499201	-2.518099e-01	-0.399005150
## FALSE_1016	0.498614361	-1.503677e-01	-0.399005150
## FALSE_1017	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1018	0.198243174	-3.138024e-01	-0.399005150
## FALSE_1019	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1020	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1021	-0.102128014	-3.222559e-01	0.385191606
## FALSE_1022	-0.402499201	-3.250737e-01	1.953585117
## FALSE_1023	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1024	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1025	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1026	2.000470298	2.272228e-01	0.385191606
## TRUE_1027	-0.402499201	2.328585e-01	-0.399005150
## FALSE_1028	0.198243174	1.275459e+00	-0.399005150
## FALSE_1029	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1030	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1031	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1032	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1033	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1034	0.798985549	-5.174331e-02	-0.399005150
## TRUE_1035	-0.402499201	-3.419808e-01	0.385191606
## FALSE_1036	1.099356736	8.532528e-01	1.169388361
## FALSE_1037	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1038	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1039	0.498614361	1.314909e+00	-0.399005150
## FALSE_1040	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1041	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1042	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1043	1.099356736	6.245382e-01	-0.399005150
## FALSE_1044	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1045	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1046	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1047	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1048	0.198243174	-2.151780e-01	-0.399005150
## FALSE_1049	0.498614361	-3.201844e-02	-0.399005150
## FALSE_1050	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1051	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1052	-0.102128014	-2.630813e-01	-0.399005150
## FALSE_1053	0.198243174	-3.870662e-01	-0.399005150
## TRUE_1054	1.099356736	4.419153e-01	1.953585117
## FALSE_1055	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1056	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1057	-0.402499201	-2.067245e-01	-0.399005150
## FALSE_1058	0.498614361	5.381244e-01	-0.399005150
## FALSE_1059	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1060	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1061	0.498614361	-2.151780e-01	-0.399005150
## FALSE_1062	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1063	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1064	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1065	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1066	-0.702870388	-4.603300e-01	1.169388361
## FALSE_1067	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1068	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1069	0.798985549	4.357429e-01	-0.399005150
## FALSE_1070	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1071	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1072	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1073	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1074	-0.402499201	-1.560034e-01	0.385191606
## FALSE_1075	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1076	-0.102128014	-2.687170e-01	-0.399005150
## FALSE_1077	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1078	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1079	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1080	0.198243174	-2.574456e-01	-0.399005150
## FALSE_1081	1.399727924	6.442630e-01	1.953585117
## FALSE_1082	-0.402499201	-4.603300e-01	1.169388361
## FALSE_1083	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1084	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1085	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1086	-0.102128014	-3.419808e-01	0.385191606
## FALSE_1087	2.300841486	8.415118e-01	0.385191606
## FALSE_1088	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1089	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1090	3.802697423	5.239376e+00	1.169388361
## TRUE_1091	1.099356736	-1.221893e-01	1.169388361
## FALSE_1092	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1093	0.198243174	-1.165536e-01	-0.399005150
## FALSE_1094	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1095	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1096	0.198243174	8.189691e-01	-0.399005150
## FALSE_1097	-0.702870388	-4.603300e-01	3.521978628
## FALSE_1098	-0.402499201	2.154625e+00	-0.399005150
## FALSE_1099	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1100	-0.702870388	-4.603300e-01	1.953585117
## FALSE_1101	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1102	0.198243174	-7.060432e-03	-0.399005150
## FALSE_1103	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1104	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1105	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1106	0.198243174	-1.137358e-01	-0.399005150
## FALSE_1107	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1108	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1109	-0.402499201	-1.334607e-01	-0.399005150
## FALSE_1110	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1111	-0.102128014	9.091399e-01	-0.399005150
## FALSE_1112	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1113	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_1114	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1115	2.000470298	7.269197e-01	1.953585117
## FALSE_1116	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1117	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1118	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1119	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1120	-0.402499201	4.196410e-01	-0.399005150
## FALSE_1121	-0.102128014	-4.603300e-01	-0.399005150
## FALSE_1122	0.798985549	1.128931e+00	-0.399005150
## FALSE_1123	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1124	0.198243174	2.429834e+00	1.169388361
## FALSE_1125	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1126	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1127	-0.402499201	1.708660e-01	-0.399005150
## FALSE_1128	0.498614361	-4.610764e-02	-0.399005150
## FALSE_1129	0.198243174	5.805172e-01	-0.399005150
## FALSE_1130	0.798985549	-3.671484e-02	-0.399005150
## FALSE_1131	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1132	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1133	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1134	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_1135	1.099356736	1.241645e+00	-0.399005150
## FALSE_1136	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1137	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1138	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1139	-0.702870388	-4.603300e-01	0.385191606
## TRUE_1140	2.300841486	2.009230e-01	-0.399005150
## FALSE_1141	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1142	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_1143	-0.402499201	-4.603300e-01	-0.399005150
## TRUE_1144	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1145	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1146	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1147	-0.402499201	-3.814305e-01	-0.399005150
## FALSE_1148	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_1149	-0.102128014	1.426876e-01	-0.399005150
## FALSE_1150	-0.402499201	-2.856240e-01	1.953585117
## FALSE_1151	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1152	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1153	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1154	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_1157	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1158	-0.102128014	-1.672747e-01	0.385191606
## FALSE_1159	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1161	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1162	-0.402499201	-4.603300e-01	-0.399005150
## TRUE_1163	2.000470298	6.898181e-01	-0.399005150
## TRUE_1164	-0.102128014	3.906575e-01	-0.399005150
## FALSE_1165	1.099356736	9.196650e-02	-0.399005150
## TRUE_1166	1.099356736	-1.672747e-01	0.385191606
## FALSE_1167	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1168	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1169	0.498614361	2.923462e+00	-0.399005150
## FALSE_1170	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1171	0.498614361	2.835796e-01	-0.399005150
## FALSE_1172	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1174	-0.102128014	-3.476165e-01	-0.399005150
## FALSE_1175	0.198243174	-2.405386e-01	-0.399005150
## TRUE_1176	-0.102128014	4.009896e-01	-0.399005150
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## FALSE_1180	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1181	0.498614361	-3.664021e-01	-0.399005150
## FALSE_1182	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1183	-0.102128014	6.498987e-01	2.737781872
## FALSE_1184	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1185	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1186	-0.102128014	-3.757949e-01	-0.399005150
## FALSE_1187	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1188	0.798985549	3.542881e+00	-0.399005150
## FALSE_1189	0.498614361	1.306699e-02	-0.399005150
## FALSE_1190	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1191	0.198243174	3.906575e-01	-0.399005150
## FALSE_1192	0.498614361	1.024915e-02	-0.399005150
## FALSE_1193	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1194	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1195	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1197	2.000470298	4.319531e+00	2.737781872
## TRUE_1198	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1201	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1202	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1203	-0.102128014	-3.081667e-01	-0.399005150
## FALSE_1204	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1205	-0.702870388	-4.603300e-01	1.169388361
## FALSE_1206	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1207	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1208	-0.102128014	-3.927019e-01	-0.399005150
## FALSE_1209	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1210	2.601212673	1.126852e+00	-0.399005150
## FALSE_1211	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1213	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1219	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1220	0.198243174	-2.837454e-01	-0.399005150
## FALSE_1221	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1222	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1224	0.198243174	-3.840044e-03	0.385191606
## FALSE_1225	-0.402499201	-4.293338e-01	-0.399005150
## FALSE_1226	0.498614361	-3.840044e-03	-0.399005150
## FALSE_1227	-0.402499201	-3.588878e-01	-0.399005150
## FALSE_1228	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_1230	0.198243174	5.251675e-02	1.169388361
## FALSE_1231	-0.102128014	2.152051e-02	-0.399005150
## FALSE_1232	-0.402499201	-2.236315e-01	1.169388361
## FALSE_1233	0.798985549	-2.555670e-01	1.953585117
## FALSE_1234	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1235	-0.102128014	-2.743526e-01	-0.399005150
## FALSE_1236	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_1238	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1240	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1242	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1243	0.498614361	4.160180e-01	-0.399005150
## FALSE_1244	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1245	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1246	0.798985549	2.287063e+00	-0.399005150
## FALSE_1247	-0.702870388	-4.603300e-01	1.953585117
## FALSE_1248	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1250	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1252	0.498614361	5.093632e+00	2.737781872
## FALSE_1253	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1254	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1256	2.601212673	8.785514e+00	-0.399005150
## FALSE_1257	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1258	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1259	-0.102128014	-1.052823e-01	-0.399005150
## FALSE_1260	2.601212673	8.247613e-01	0.385191606
## FALSE_1261	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1262	1.099356736	3.092532e-01	-0.399005150
## FALSE_1263	0.198243174	-3.201844e-02	-0.399005150
## FALSE_1264	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1267	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1268	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1272	-0.402499201	-4.528158e-01	-0.399005150
## FALSE_1273	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1274	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1275	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1276	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1277	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1278	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1279	0.798985549	1.286730e+00	0.385191606
## FALSE_1280	0.798985549	7.528245e+00	-0.399005150
## FALSE_1281	0.198243174	4.949922e+00	-0.399005150
## TRUE_1282	-0.102128014	-3.588878e-01	-0.399005150
## FALSE_1283	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1285	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1286	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1291	0.198243174	-3.588878e-01	-0.399005150
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## FALSE_1294	-0.102128014	-3.645235e-01	-0.399005150
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## FALSE_1297	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_1299	0.198243174	5.540922e-01	-0.399005150
## FALSE_1300	-0.102128014	1.445662e-01	-0.399005150
## TRUE_1301	0.498614361	-1.672747e-01	0.385191606
## FALSE_1302	-0.102128014	7.287982e-01	0.385191606
## FALSE_1303	-0.702870388	-4.603300e-01	1.169388361
## FALSE_1304	-0.402499201	-4.377873e-01	-0.399005150
## TRUE_1305	-0.402499201	-7.146819e-02	-0.399005150
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## FALSE_1307	-0.102128014	-1.503677e-01	-0.399005150
## FALSE_1308	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1309	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1310	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1311	-0.702870388	-4.603300e-01	0.385191606
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## FALSE_1313	-0.402499201	2.998098e+00	-0.399005150
## FALSE_1314	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1315	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1316	-0.102128014	-3.931354e-01	1.169388361
## FALSE_1317	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1318	-0.402499201	-4.152446e-01	0.385191606
## FALSE_1319	-0.402499201	-4.208803e-01	5.090372139
## FALSE_1320	-0.102128014	1.145092e-01	-0.399005150
## FALSE_1321	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1322	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_1323	0.198243174	7.990773e+00	0.385191606
## FALSE_1324	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1325	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1326	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1327	-0.402499201	-4.328980e-02	-0.399005150
## FALSE_1328	-0.102128014	6.432105e+00	2.737781872
## FALSE_1329	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1330	0.498614361	7.024984e-01	-0.399005150
## FALSE_1331	0.198243174	-8.273955e-02	-0.399005150
## FALSE_1332	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1333	0.198243174	9.035043e-01	-0.399005150
## FALSE_1334	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1335	1.399727924	7.673087e-01	0.385191606
## FALSE_1336	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_1338	2.901583861	3.705616e+00	0.385191606
## FALSE_1339	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1340	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1342	0.198243174	-3.814305e-01	-0.399005150
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## FALSE_1344	0.798985549	5.721314e-02	-0.399005150
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## FALSE_1346	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1347	-0.102128014	-1.334607e-01	-0.399005150

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## FALSE_1349	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1350	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1351	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1356	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1363	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1370	-0.402499201	-3.363451e-01	-0.399005150
## FALSE_1371	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1372	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1380	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1382	0.498614361	1.201449e-01	0.385191606
## FALSE_1383	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1388	1.399727924	-2.356492e-02	-0.399005150
## FALSE_1389	0.498614361	5.033711e-01	-0.399005150
## FALSE_1390	-0.102128014	6.942378e-02	-0.399005150
## FALSE_1391	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1392	1.399727924	-9.884149e-02	0.385191606
## FALSE_1393	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1394	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1395	0.498614361	3.455720e-01	0.385191606
## FALSE_1396	-0.402499201	-3.138024e-01	-0.399005150
## FALSE_1397	0.198243174	7.851550e-01	-0.399005150
## FALSE_1398	-0.402499201	-4.039732e-01	-0.399005150
## FALSE_1399	0.498614361	2.046801e-01	1.953585117
## TRUE_1400	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1401	-0.402499201	-2.461742e-01	-0.399005150

## FALSE_1402	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1403	0.198243174	2.384941e-01	-0.399005150
## TRUE_1404	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1405	-0.102128014	1.990444e-01	-0.399005150
## FALSE_1406	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1407	-0.102128014	-3.765412e-02	-0.399005150
## FALSE_1408	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1409	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1410	-0.102128014	6.942378e-02	-0.399005150
## FALSE_1411	0.198243174	7.738836e-01	-0.399005150
## FALSE_1412	-0.102128014	-2.067245e-01	-0.399005150
## FALSE_1413	0.198243174	-1.174929e-01	-0.399005150
## FALSE_1414	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1415	-0.702870388	-4.603300e-01	1.953585117
## FALSE_1416	-0.102128014	-3.814305e-01	-0.399005150
## FALSE_1417	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1418	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1419	1.700099111	5.690157e-01	4.306175383
## FALSE_1420	1.700099111	4.092083e-01	-0.399005150
## FALSE_1421	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1422	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1423	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1424	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1425	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1426	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1427	-0.102128014	-3.645235e-01	0.385191606
## FALSE_1428	-0.102128014	-2.799883e-01	0.385191606
## FALSE_1429	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1430	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1431	0.798985549	1.494504e-01	-0.399005150
## FALSE_1432	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1433	2.300841486	8.329920e+00	0.385191606
## FALSE_1434	0.798985549	9.438933e-01	-0.399005150
## FALSE_1435	-0.102128014	-2.518099e-01	-0.399005150
## TRUE_1436	-0.402499201	-4.603300e-01	0.385191606
## FALSE_1437	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1438	0.798985549	-9.401091e-02	1.169388361
## FALSE_1439	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1440	1.099356736	3.465113e-01	-0.399005150
## FALSE_1441	0.498614361	-8.649667e-02	1.169388361
## FALSE_1442	0.498614361	-3.814305e-01	-0.399005150
## FALSE_1443	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1444	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1445	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1446	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1447	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1448	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1449	0.798985549	1.175149e-01	-0.399005150
## FALSE_1450	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1451	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1452	-0.402499201	1.870267e-02	-0.399005150
## FALSE_1453	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1454	1.099356736	6.544073e-01	-0.399005150
## FALSE_1455	-0.402499201	-1.052823e-01	0.385191606

## FALSE_1456	0.198243174	-2.828062e-01	-0.399005150
## FALSE_1457	1.399727924	-2.431124e-03	-0.399005150
## FALSE_1458	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1459	-0.102128014	2.159514e-01	-0.399005150
## TRUE_1460	0.498614361	3.807950e-01	-0.399005150
## TRUE_1461	0.798985549	5.101339e-01	-0.399005150
## FALSE_1462	0.798985549	2.492296e+00	1.169388361
## FALSE_1463	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1464	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_1465	2.601212673	1.669017e+00	-0.399005150
## FALSE_1466	0.498614361	2.690207e-01	1.953585117
## FALSE_1467	2.000470298	1.222859e+00	-0.399005150
## FALSE_1468	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1469	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1470	0.198243174	-1.278250e-01	-0.399005150
## FALSE_1471	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1472	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1473	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1474	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_1475	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1476	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1477	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1478	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1479	6.506038110	4.477840e+00	3.521978628
## FALSE_1480	-0.402499201	7.787730e-02	-0.399005150
## TRUE_1481	1.099356736	2.708993e-01	-0.399005150
## TRUE_1482	1.099356736	1.840154e+00	-0.399005150
## FALSE_1483	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1484	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1485	-0.102128014	-3.226585e-01	5.090372139
## FALSE_1486	0.498614361	-1.653962e-01	0.385191606
## FALSE_1487	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1488	2.300841486	1.697196e+00	2.737781872
## FALSE_1489	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1490	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1491	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1492	-0.402499201	-3.053489e-01	-0.399005150
## FALSE_1493	1.099356736	2.216617e+00	-0.399005150
## FALSE_1494	-0.102128014	-4.265160e-01	-0.399005150
## FALSE_1495	-0.102128014	7.231625e-01	-0.399005150
## FALSE_1496	-0.102128014	-2.828062e-01	-0.399005150
## FALSE_1497	0.798985549	-2.010888e-01	0.385191606
## TRUE_1498	2.000470298	2.616751e+00	-0.399005150
## FALSE_1499	-0.402499201	-1.926353e-01	-0.399005150
## FALSE_1500	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1501	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1502	0.198243174	-1.879389e-01	-0.399005150
## FALSE_1503	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1504	0.198243174	-2.997132e-01	-0.399005150
## FALSE_1505	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1506	-0.402499201	-2.912597e-01	-0.399005150
## FALSE_1507	-0.102128014	-3.701592e-01	-0.399005150
## FALSE_1508	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1509	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1510	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1511	-0.402499201	-4.039732e-01	0.385191606
## FALSE_1512	0.198243174	-1.511140e-02	-0.399005150
## FALSE_1513	-0.102128014	-3.588878e-01	-0.399005150
## FALSE_1514	1.399727924	9.504683e-01	-0.399005150
## FALSE_1515	-0.102128014	-2.638276e-02	-0.399005150
## FALSE_1516	-0.102128014	-3.927019e-01	-0.399005150
## FALSE_1517	1.099356736	-2.450420e-02	0.385191606
## FALSE_1518	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1519	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1520	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1521	0.498614361	-1.034037e-01	-0.399005150
## FALSE_1522	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1523	1.399727924	1.520804e-01	4.306175383
## FALSE_1524	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1525	1.399727924	8.368154e-01	1.953585117
## FALSE_1526	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_1527	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1528	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1530	-0.102128014	-3.757949e-01	-0.399005150
## FALSE_1531	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1532	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1533	-0.402499201	-3.588878e-01	2.737781872
## FALSE_1534	-0.402499201	-4.293338e-01	0.385191606
## TRUE_1535	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1536	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1537	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1538	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1539	0.198243174	-1.088464e-02	-0.399005150
## TRUE_1540	-0.102128014	-1.221893e-01	-0.399005150
## TRUE_1541	2.601212673	1.107723e+01	6.658765650
## FALSE_1542	0.198243174	-3.786127e-01	-0.399005150
## FALSE_1543	-0.402499201	-3.959223e-01	-0.399005150
## FALSE_1544	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1545	0.198243174	-2.799883e-01	-0.399005150
## FALSE_1546	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1547	2.601212673	1.504576e+00	0.385191606
## FALSE_1548	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1549	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1550	1.399727924	5.982383e-01	-0.399005150
## FALSE_1551	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_1552	0.798985549	5.785134e-01	0.385191606
## FALSE_1553	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1554	-0.102128014	-8.837523e-02	0.385191606
## FALSE_1555	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1556	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1557	-0.102128014	2.384941e-01	-0.399005150
## FALSE_1558	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1559	-0.102128014	-7.146819e-02	1.169388361
## FALSE_1560	-0.402499201	-2.292672e-01	-0.399005150
## FALSE_1561	-0.102128014	-3.814305e-01	-0.399005150
## FALSE_1562	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1563	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1564	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1565	-0.402499201	-3.250737e-01	0.385191606
## FALSE_1566	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1567	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1568	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_1569	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1570	-0.402499201	1.861570e+00	-0.399005150
## FALSE_1571	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1572	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1573	3.502326235	5.910822e+00	4.306175383
## FALSE_1574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1575	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1576	-0.702870388	-4.603300e-01	1.953585117
## FALSE_1577	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1578	0.798985549	2.862096e-01	-0.399005150
## FALSE_1579	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1580	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1581	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1582	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_1583	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1584	0.498614361	1.795635e-03	-0.399005150
## FALSE_1585	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1586	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1587	0.798985549	-4.610764e-02	-0.399005150
## FALSE_1588	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1589	0.498614361	-3.166202e-01	-0.399005150
## FALSE_1590	-0.102128014	8.696902e-01	-0.399005150
## FALSE_1591	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1592	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1593	0.498614361	4.319858e-01	0.385191606
## FALSE_1594	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1595	1.099356736	5.935419e-01	-0.399005150
## FALSE_1596	1.700099111	7.006198e-01	1.953585117
## FALSE_1597	-0.402499201	-2.292672e-01	-0.399005150
## FALSE_1598	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1600	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1601	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1602	1.399727924	4.977354e-01	-0.399005150
## FALSE_1603	-0.102128014	-4.096089e-01	0.385191606
## TRUE_1604	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1605	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1606	-0.402499201	2.997403e-02	1.953585117
## FALSE_1607	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1608	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1609	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1610	0.798985549	7.663694e-01	-0.399005150
## FALSE_1611	1.700099111	3.479949e+00	-0.399005150
## FALSE_1612	-0.402499201	-4.096089e-01	-0.399005150
## TRUE_1613	1.700099111	8.219712e-01	1.953585117
## FALSE_1614	-0.102128014	-2.074708e-02	-0.399005150
## FALSE_1615	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1616	-0.402499201	-4.335606e-01	1.169388361
## FALSE_1617	1.099356736	1.107521e-01	-0.399005150

## FALSE_1618	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1619	-0.402499201	-4.208803e-01	1.169388361
## FALSE_1620	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1621	0.198243174	-3.786127e-01	1.169388361
## FALSE_1622	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_1623	-0.102128014	-1.221893e-01	-0.399005150
## FALSE_1624	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1625	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_1626	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1627	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1628	-0.402499201	-1.560034e-01	-0.399005150
## FALSE_1629	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1630	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1631	1.099356736	6.120592e-01	4.306175383
## FALSE_1632	-0.102128014	-3.720377e-01	-0.399005150
## TRUE_1633	1.700099111	5.709992e-01	2.737781872
## FALSE_1634	-0.402499201	-3.814305e-01	-0.399005150
## TRUE_1635	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1636	0.798985549	9.401362e-01	-0.399005150
## FALSE_1637	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1638	-0.402499201	-3.194381e-01	-0.399005150
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## FALSE_1640	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1641	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1642	-0.402499201	3.624791e-01	-0.399005150
## FALSE_1643	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1644	0.798985549	1.085725e+00	-0.399005150
## FALSE_1645	3.502326235	6.052636e+00	-0.399005150
## FALSE_1646	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1647	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1648	1.099356736	1.543154e+00	-0.399005150
## FALSE_1649	0.198243174	-2.630813e-01	-0.399005150
## FALSE_1650	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1651	1.099356736	9.760218e-02	0.385191606
## FALSE_1652	-0.702870388	-4.603300e-01	4.306175383
## FALSE_1653	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1654	-0.102128014	-3.419808e-01	-0.399005150
## FALSE_1655	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1656	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1657	0.498614361	-4.328980e-02	-0.399005150
## FALSE_1658	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1659	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1660	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1661	-0.102128014	-8.837523e-02	-0.399005150
## FALSE_1662	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1663	-0.402499201	-3.250737e-01	-0.399005150
## FALSE_1664	0.798985549	-2.799883e-01	1.169388361
## FALSE_1665	0.198243174	-2.074708e-02	-0.399005150
## FALSE_1666	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1667	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1668	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1669	-0.402499201	1.173271e-01	-0.399005150
## FALSE_1670	0.498614361	1.201449e-01	-0.399005150
## FALSE_1671	-0.102128014	-1.672747e-01	-0.399005150

## FALSE_1672	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1673	0.498614361	1.523429e+00	-0.399005150
## FALSE_1674	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1675	0.798985549	2.159514e-01	0.385191606
## FALSE_1676	2.000470298	4.529317e-01	-0.399005150
## FALSE_1677	-0.402499201	-3.138024e-01	0.385191606
## FALSE_1678	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1679	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1680	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1681	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1682	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1683	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1684	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1685	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_1686	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1687	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1688	1.099356736	-2.020281e-01	1.169388361
## FALSE_1689	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1690	-0.102128014	-2.356492e-02	-0.399005150
## FALSE_1691	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1692	0.498614361	3.061223e-01	-0.399005150
## FALSE_1693	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1694	-0.102128014	-3.201844e-02	-0.399005150
## FALSE_1695	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1696	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1697	0.198243174	1.089482e+00	0.385191606
## TRUE_1698	1.399727924	4.470143e-01	1.953585117
## FALSE_1699	0.198243174	7.043769e-01	-0.399005150
## FALSE_1700	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1701	-0.102128014	-3.025310e-01	-0.399005150
## FALSE_1702	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1703	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1704	-0.102128014	-3.250737e-01	-0.399005150
## FALSE_1705	0.798985549	8.830749e-01	-0.399005150
## FALSE_1706	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1707	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1708	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1709	-0.402499201	-4.377873e-01	1.169388361
## FALSE_1710	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1711	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1712	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1713	1.399727924	7.422769e-01	-0.399005150
## FALSE_1714	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1715	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1716	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1717	1.399727924	4.188359e-01	-0.399005150
## FALSE_1718	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1719	0.798985549	1.447591e-02	-0.399005150
## FALSE_1720	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1721	0.498614361	3.004866e-01	-0.399005150
## FALSE_1722	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1723	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1724	0.198243174	-2.179958e-01	-0.399005150
## FALSE_1725	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1726	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1727	1.700099111	1.667211e+00	1.953585117
## FALSE_1728	1.099356736	3.117580e-01	-0.399005150
## FALSE_1729	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1730	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1731	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_1732	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1733	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1734	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1735	-0.402499201	-3.814305e-01	0.385191606
## FALSE_1736	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1737	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1738	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1739	1.099356736	4.132002e-01	-0.399005150
## TRUE_1740	0.198243174	-2.202501e-01	1.169388361
## FALSE_1741	0.198243174	-1.109179e-01	1.169388361
## TRUE_1742	0.498614361	-1.461409e-01	-0.399005150
## FALSE_1743	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1744	-0.102128014	-3.138024e-01	-0.399005150
## TRUE_1745	0.198243174	-1.511140e-02	-0.399005150
## TRUE_1746	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1747	1.700099111	1.959255e+00	0.385191606
## FALSE_1748	1.099356736	1.652303e-01	-0.399005150
## FALSE_1749	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1750	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1751	-0.402499201	-2.349029e-01	3.521978628
## TRUE_1752	0.198243174	-4.892548e-02	-0.399005150
## FALSE_1753	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1754	0.498614361	-2.349029e-01	1.169388361
## FALSE_1755	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_1756	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1757	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1758	1.099356736	-1.503677e-01	0.385191606
## FALSE_1759	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1760	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1761	1.700099111	4.808283e-01	1.953585117
## FALSE_1762	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_1764	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1765	-0.102128014	-3.363451e-01	0.385191606
## FALSE_1766	-0.102128014	2.948509e-01	-0.399005150
## FALSE_1767	0.198243174	-2.405386e-01	-0.399005150
## FALSE_1768	-0.702870388	-4.603300e-01	1.169388361
## FALSE_1769	-0.102128014	1.595946e-01	-0.399005150
## FALSE_1770	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1771	-0.102128014	-2.179958e-01	-0.399005150
## FALSE_1772	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1773	0.498614361	2.274853e+00	1.169388361
## FALSE_1774	-0.402499201	1.032379e-01	1.169388361
## FALSE_1775	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1776	0.498614361	-6.301467e-02	-0.399005150
## FALSE_1777	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1778	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1779	-0.102128014	-4.039732e-01	1.169388361

## FALSE_1780	0.198243174	4.441964e-01	-0.399005150
## FALSE_1781	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1782	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1783	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1784	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1785	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1786	0.798985549	6.770246e+00	1.953585117
## FALSE_1787	1.399727924	-1.024644e-01	3.521978628
## TRUE_1788	-0.102128014	-3.216923e-01	-0.399005150
## FALSE_1789	0.198243174	-3.316487e-01	-0.399005150
## FALSE_1790	2.901583861	5.951074e-01	1.953585117
## FALSE_1791	-0.102128014	9.337542e-02	-0.399005150
## FALSE_1792	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1793	0.198243174	-3.307094e-01	-0.399005150
## FALSE_1794	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1795	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1796	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1797	-0.102128014	4.124539e-02	1.953585117
## FALSE_1798	-0.402499201	-2.067245e-01	-0.399005150
## FALSE_1799	0.198243174	-2.822426e-01	-0.399005150
## FALSE_1800	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1801	0.198243174	3.191590e+00	2.737781872
## FALSE_1802	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1803	0.198243174	-3.546611e-01	-0.399005150
## FALSE_1804	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1805	-0.102128014	-3.025310e-01	1.169388361
## FALSE_1806	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1807	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1808	0.498614361	6.498987e-01	0.385191606
## FALSE_1809	1.399727924	7.316161e-01	-0.399005150
## FALSE_1810	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1811	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1812	0.798985549	2.324635e+00	-0.399005150
## FALSE_1813	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1814	2.300841486	2.422320e+00	2.737781872
## FALSE_1815	0.198243174	-1.330849e-01	-0.399005150
## FALSE_1816	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1817	-0.102128014	2.469477e-01	-0.399005150
## FALSE_1818	1.700099111	1.724059e+00	1.953585117
## TRUE_1819	0.798985549	3.502684e-01	0.385191606
## FALSE_1820	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_1821	-0.402499201	-3.955197e-01	-0.399005150
## FALSE_1822	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1823	0.798985549	3.343007e-01	-0.399005150
## FALSE_1824	-0.102128014	3.004866e-01	0.385191606
## FALSE_1825	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1826	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1827	0.498614361	-1.898174e-01	-0.399005150
## FALSE_1828	1.700099111	-1.387441e-01	1.953585117
## FALSE_1829	-0.102128014	-4.265160e-01	0.385191606
## FALSE_1830	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1831	-0.102128014	-4.208803e-01	-0.399005150
## FALSE_1832	0.498614361	-1.052823e-01	-0.399005150
## FALSE_1833	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1834	-0.402499201	-2.349029e-01	-0.399005150
## FALSE_1835	0.798985549	-3.025310e-01	-0.399005150
## FALSE_1836	-0.402499201	-3.880055e-01	1.953585117
## FALSE_1837	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1838	0.498614361	5.518782e-01	1.169388361
## FALSE_1839	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1840	1.099356736	3.041498e-01	-0.399005150
## FALSE_1841	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1842	0.498614361	-1.081001e-01	0.385191606
## FALSE_1843	-0.402499201	-2.912597e-01	-0.399005150
## FALSE_1844	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1845	-0.102128014	-3.419808e-01	-0.399005150
## FALSE_1846	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1847	0.498614361	-1.447320e-01	-0.399005150
## FALSE_1848	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1849	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1850	0.198243174	-2.349029e-01	-0.399005150
## FALSE_1851	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1852	0.198243174	-2.574456e-01	0.385191606
## TRUE_1853	0.498614361	-2.048459e-01	-0.399005150
## FALSE_1854	0.198243174	-2.371572e-01	-0.399005150
## FALSE_1855	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1856	-0.102128014	-2.630813e-01	-0.399005150
## FALSE_1857	1.099356736	8.246048e-01	3.521978628
## FALSE_1858	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1859	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1860	-0.402499201	-2.687170e-01	1.169388361
## FALSE_1861	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1862	2.000470298	1.281095e+00	-0.399005150
## TRUE_1863	3.201955048	2.115108e+00	1.953585117
## FALSE_1864	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1865	0.798985549	-1.792924e-02	0.385191606
## TRUE_1866	-0.402499201	-3.765412e-02	2.737781872
## TRUE_1867	0.498614361	1.004200e-01	-0.399005150
## FALSE_1868	-0.402499201	-3.025310e-01	-0.399005150
## FALSE_1869	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1870	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1871	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1872	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1873	0.498614361	-9.964659e-02	-0.399005150
## FALSE_1874	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_1875	1.099356736	4.620427e-01	7.442962406
## FALSE_1876	0.798985549	1.416351e+00	1.169388361
## FALSE_1877	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1878	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1879	-0.402499201	-1.729104e-01	1.169388361
## TRUE_1880	-0.402499201	-2.123602e-01	-0.399005150
## TRUE_1881	0.798985549	4.189105e+00	-0.399005150
## FALSE_1882	0.198243174	-2.123602e-01	-0.399005150
## FALSE_1883	0.498614361	6.884092e-01	-0.399005150
## FALSE_1884	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1885	1.700099111	6.404120e-01	-0.399005150
## FALSE_1886	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1887	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_1888	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1889	-0.102128014	-4.067911e-01	-0.399005150
## TRUE_1890	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1891	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1892	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1893	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1894	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1895	2.000470298	-4.141124e-02	0.385191606
## FALSE_1896	-0.402499201	-4.208803e-01	0.385191606
## FALSE_1897	-0.402499201	-3.870662e-01	-0.399005150
## FALSE_1898	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1899	0.498614361	-1.475499e-01	-0.399005150
## FALSE_1900	-0.102128014	-5.718604e-03	-0.399005150
## TRUE_1901	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1902	1.399727924	4.228748e-01	-0.399005150
## FALSE_1903	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1904	0.198243174	5.090067e-01	-0.399005150
## FALSE_1905	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1906	0.798985549	3.624791e-01	-0.399005150
## FALSE_1907	0.198243174	-3.870662e-01	-0.399005150
## FALSE_1908	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1909	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1910	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_1911	0.198243174	-2.236315e-01	-0.399005150
## FALSE_1912	0.198243174	-2.743526e-01	-0.399005150
## FALSE_1913	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1914	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1915	-0.402499201	-2.461742e-01	-0.399005150
## FALSE_1916	2.000470298	1.367321e+00	2.737781872
## FALSE_1917	0.798985549	1.870023e+00	-0.399005150
## FALSE_1918	-0.702870388	-4.603300e-01	1.169388361
## FALSE_1919	0.798985549	-1.475499e-01	-0.399005150
## FALSE_1920	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1921	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1922	1.399727924	-3.737233e-02	-0.399005150
## FALSE_1923	0.198243174	-2.179958e-01	-0.399005150
## FALSE_1924	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1925	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1926	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1927	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1928	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1929	-0.102128014	-2.638276e-02	-0.399005150
## FALSE_1930	-0.402499201	-2.968953e-01	0.385191606
## FALSE_1931	0.198243174	-2.074708e-02	-0.399005150
## FALSE_1932	0.198243174	-1.672747e-01	-0.399005150
## FALSE_1933	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1934	1.700099111	1.539397e+00	0.385191606
## FALSE_1935	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1936	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1937	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1938	1.399727924	4.949175e-01	-0.399005150
## FALSE_1939	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1940	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1941	1.099356736	1.257806e-01	0.385191606

## TRUE_1942	-0.102128014	-4.377873e-01	-0.399005150
## TRUE_1943	2.000470298	-3.840044e-03	-0.399005150
## TRUE_1944	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_1945	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1946	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1947	2.901583861	3.854721e+00	-0.399005150
## FALSE_1948	3.201955048	7.506779e-01	-0.399005150
## FALSE_1949	-0.402499201	3.455720e-01	2.737781872
## FALSE_1950	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1951	-0.102128014	-3.729770e-01	-0.399005150
## FALSE_1952	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1953	-0.102128014	-2.236315e-01	-0.399005150
## FALSE_1954	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1955	-0.402499201	3.495917e+00	-0.399005150
## TRUE_1956	0.498614361	-3.335273e-01	-0.399005150
## FALSE_1957	-0.402499201	-3.814305e-01	-0.399005150
## FALSE_1958	0.198243174	5.991776e-01	-0.399005150
## FALSE_1959	1.700099111	1.524798e+00	4.306175383
## TRUE_1960	0.498614361	-4.469872e-02	0.385191606
## FALSE_1961	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1962	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1963	-0.402499201	7.505946e-02	-0.399005150
## FALSE_1964	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1965	1.099356736	3.568434e-01	4.306175383
## FALSE_1966	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1967	0.198243174	7.879728e-01	2.737781872
## FALSE_1968	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1969	0.498614361	4.613474e-03	1.953585117
## FALSE_1970	1.099356736	5.815242e-02	1.953585117
## TRUE_1971	2.000470298	5.738170e-01	1.169388361
## FALSE_1972	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1973	-0.102128014	-2.574456e-01	-0.399005150
## TRUE_1974	1.700099111	3.268718e-01	5.874568895
## FALSE_1975	0.498614361	-1.757283e-01	1.953585117
## FALSE_1976	2.000470298	2.391986e-01	-0.399005150
## FALSE_1977	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1978	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1979	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_1980	-0.702870388	-4.603300e-01	0.385191606
## FALSE_1981	-0.102128014	-1.926353e-01	-0.399005150
## FALSE_1982	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_1983	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1984	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1985	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1986	0.498614361	-1.485318e-01	-0.399005150
## FALSE_1987	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1988	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1989	-0.402499201	5.822706e-01	4.306175383
## FALSE_1990	3.201955048	9.021893e-01	-0.399005150
## FALSE_1991	0.798985549	3.596612e-01	-0.399005150
## FALSE_1992	-0.102128014	4.413786e-01	-0.399005150
## TRUE_1993	-0.102128014	-2.987739e-01	-0.399005150
## FALSE_1994	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_1995	1.099356736	9.654967e-01	-0.399005150

## FALSE_1996	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1997	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_1998	-0.102128014	7.813979e-01	0.385191606
## FALSE_1999	1.399727924	2.049426e+00	0.385191606
## FALSE_2000	-0.102128014	-1.785461e-01	-0.399005150
## FALSE_2001	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2002	0.798985549	-3.201844e-02	-0.399005150
## TRUE_2003	3.201955048	3.229772e+00	5.874568895
## FALSE_2004	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_2005	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2006	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2007	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2008	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2009	0.798985549	2.997403e-02	-0.399005150
## FALSE_2010	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_2011	-0.102128014	-3.645235e-01	-0.399005150
## FALSE_2012	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2013	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2014	0.198243174	8.069514e-02	-0.399005150
## FALSE_2015	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2016	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2017	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_2018	0.498614361	-2.623768e-01	-0.399005150
## FALSE_2019	0.498614361	-5.737899e-02	-0.399005150
## TRUE_2020	2.000470298	7.936085e-01	1.169388361
## FALSE_2021	0.498614361	6.715021e-01	-0.399005150
## TRUE_2022	-0.102128014	-2.715348e-01	0.385191606
## TRUE_2023	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2024	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2025	1.399727924	2.187693e-01	-0.399005150
## TRUE_2026	0.798985549	9.128971e-01	0.385191606
## FALSE_2027	0.798985549	-1.616391e-01	0.385191606
## TRUE_2028	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2029	0.498614361	3.765683e-01	0.385191606
## FALSE_2030	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2031	-0.702870388	-4.603300e-01	0.385191606
## TRUE_2032	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_2033	-0.102128014	-3.138024e-01	-0.399005150
## FALSE_2034	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_2035	0.798985549	2.694904e-01	-0.399005150
## FALSE_2036	0.198243174	7.964264e-01	0.385191606
## FALSE_2037	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2038	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2039	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2040	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_2041	-0.102128014	5.251675e-02	1.953585117
## TRUE_2042	-0.402499201	-2.074708e-02	-0.399005150
## FALSE_2043	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2044	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2045	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2046	0.198243174	-1.982710e-01	-0.399005150
## TRUE_2047	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2048	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2049	-0.102128014	9.711324e-01	0.385191606

## FALSE_2050	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2051	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2052	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2053	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2054	0.798985549	2.245979e-02	-0.399005150
## FALSE_2055	0.198243174	4.103824e-01	-0.399005150
## FALSE_2056	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2057	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2058	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2059	1.399727924	2.909806e+00	1.953585117
## FALSE_2060	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2061	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_2062	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2063	-0.402499201	-4.208803e-01	-0.399005150
## TRUE_2064	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2065	0.198243174	8.187129e-01	-0.399005150
## TRUE_2066	1.099356736	9.130348e-02	1.169388361
## FALSE_2067	0.498614361	2.445426e+00	-0.399005150
## FALSE_2068	-0.402499201	1.779852e+00	1.953585117
## FALSE_2069	-0.102128014	-3.673413e-01	-0.399005150
## FALSE_2070	-0.102128014	-2.912597e-01	-0.399005150
## FALSE_2071	1.099356736	-1.221893e-01	0.385191606
## FALSE_2072	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2073	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2074	-0.402499201	-3.321183e-01	-0.399005150
## FALSE_2075	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2076	0.498614361	-1.982710e-01	-0.399005150
## FALSE_2077	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2078	0.198243174	-3.081667e-01	-0.399005150
## FALSE_2079	0.198243174	-3.307094e-01	-0.399005150
## FALSE_2080	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2081	0.198243174	-1.109179e-01	-0.399005150
## FALSE_2082	-0.102128014	1.145092e-01	-0.399005150
## FALSE_2083	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2084	0.198243174	-1.165536e-01	-0.399005150
## FALSE_2085	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2086	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2087	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2088	1.399727924	8.835915e-01	5.090372139
## FALSE_2089	-0.402499201	5.815242e-02	-0.399005150
## FALSE_2090	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2091	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2092	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2093	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2094	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2095	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2096	2.000470298	5.311737e-01	-0.399005150
## FALSE_2097	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2098	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2099	0.498614361	-1.954531e-01	-0.399005150
## FALSE_2100	0.498614361	5.815242e-02	-0.399005150
## FALSE_2101	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_2102	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2103	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2104	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2105	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2106	-0.102128014	3.345632e+00	-0.399005150
## FALSE_2107	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2108	-0.102128014	-2.518099e-01	0.385191606
## TRUE_2109	-0.102128014	2.666725e-01	-0.399005150
## FALSE_2110	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2111	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2112	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2113	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2114	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2115	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2116	-0.102128014	3.512077e-01	-0.399005150
## FALSE_2117	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_2118	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2119	-0.402499201	-4.603300e-01	-0.399005150
## TRUE_2120	1.399727924	4.406323e-02	-0.399005150
## FALSE_2121	0.198243174	5.674350e-02	-0.399005150
## FALSE_2122	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2123	-0.402499201	-3.840044e-03	-0.399005150
## FALSE_2124	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2125	0.198243174	1.207831e+00	-0.399005150
## FALSE_2126	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2127	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2128	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2129	0.198243174	1.056607e+00	-0.399005150
## TRUE_2130	0.198243174	4.906908e-01	-0.399005150
## FALSE_2131	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2132	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2133	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2134	0.198243174	1.967708e+00	0.385191606
## FALSE_2135	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2136	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2137	1.399727924	3.878396e-01	-0.399005150
## FALSE_2138	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2139	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2140	-0.102128014	-1.616391e-01	-0.399005150
## FALSE_2141	0.198243174	1.145092e-01	1.169388361
## FALSE_2142	0.798985549	-1.926353e-01	-0.399005150
## FALSE_2143	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2144	0.798985549	3.622719e+00	-0.399005150
## FALSE_2145	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2146	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2147	-0.402499201	-4.180624e-01	-0.399005150
## FALSE_2148	-0.402499201	-3.025310e-01	2.737781872
## FALSE_2149	0.498614361	2.751261e-01	1.169388361
## FALSE_2150	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2151	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2152	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2153	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2154	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2155	-0.102128014	8.069514e-02	-0.399005150
## FALSE_2156	1.399727924	8.253092e-01	-0.399005150
## FALSE_2157	1.399727924	2.901545e-01	1.169388361

## TRUE_2158	2.000470298	1.553016e+00	1.953585117
## FALSE_2159	-0.702870388	-4.603300e-01	1.953585117
## FALSE_2160	0.198243174	-3.814305e-01	-0.399005150
## FALSE_2161	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_2162	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2163	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2164	-0.102128014	1.899141e+00	-0.399005150
## FALSE_2165	1.099356736	1.428293e+00	0.385191606
## FALSE_2166	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2167	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2168	-0.402499201	-4.039732e-01	-0.399005150
## TRUE_2169	2.000470298	1.395486e+00	0.385191606
## FALSE_2170	1.099356736	5.806704e-02	1.953585117
## TRUE_2171	-0.102128014	-1.954531e-01	-0.399005150
## FALSE_2172	1.099356736	4.034787e-01	1.953585117
## FALSE_2173	0.498614361	2.433835e-02	-0.399005150
## FALSE_2174	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2175	1.099356736	4.124539e-02	1.953585117
## FALSE_2176	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2177	-0.102128014	-4.490587e-01	-0.399005150
## FALSE_2178	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2179	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2180	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_2181	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2182	-0.102128014	-1.898174e-01	-0.399005150
## FALSE_2183	2.300841486	2.509673e+00	1.953585117
## FALSE_2184	-0.402499201	3.033045e-01	-0.399005150
## FALSE_2185	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2186	0.198243174	2.920331e-01	2.737781872
## FALSE_2187	1.399727924	5.884698e-01	-0.399005150
## FALSE_2188	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2189	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2190	0.798985549	-7.146819e-02	2.737781872
## FALSE_2191	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2192	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2193	0.498614361	5.251675e-02	0.385191606
## FALSE_2194	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2195	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2196	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2197	0.798985549	-2.157416e-01	-0.399005150
## TRUE_2198	0.498614361	-2.762312e-01	-0.399005150
## FALSE_2199	1.099356736	2.546549e-02	-0.399005150
## FALSE_2200	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2201	-0.402499201	1.224738e+00	-0.399005150
## TRUE_2202	2.300841486	1.206107e+00	-0.399005150
## FALSE_2203	-0.102128014	-3.786127e-01	-0.399005150
## FALSE_2204	-0.402499201	-2.292672e-01	2.737781872
## FALSE_2205	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2206	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2207	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2208	0.198243174	5.371851e-01	-0.399005150
## FALSE_2209	0.198243174	-2.638276e-02	3.521978628
## FALSE_2210	0.798985549	5.950448e-01	1.169388361
## FALSE_2211	0.798985549	2.847813e+00	-0.399005150

## FALSE_2212	0.198243174	-2.920060e-02	1.169388361
## TRUE_2213	-0.402499201	-2.630813e-01	0.385191606
## TRUE_2214	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2215	-0.402499201	-4.208803e-01	0.385191606
## FALSE_2216	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2217	3.802697423	4.513222e-01	5.090372139
## FALSE_2218	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2219	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2220	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_2221	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2222	-0.402499201	-3.194381e-01	-0.399005150
## FALSE_2223	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2224	-0.102128014	-2.546278e-01	-0.399005150
## FALSE_2225	-0.102128014	3.568434e-01	-0.399005150
## TRUE_2226	-0.402499201	-3.870662e-01	-0.399005150
## FALSE_2227	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2228	-0.702870388	-4.603300e-01	4.306175383
## FALSE_2229	0.198243174	-9.475723e-03	-0.399005150
## FALSE_2230	1.399727924	-3.288547e-02	2.737781872
## FALSE_2231	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2232	1.399727924	4.667391e-01	-0.399005150
## TRUE_2233	0.498614361	1.281095e+00	-0.399005150
## FALSE_2234	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2235	0.198243174	-1.954531e-01	-0.399005150
## TRUE_2236	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2237	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2238	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2239	2.901583861	8.933600e-01	-0.399005150
## FALSE_2240	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2241	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2242	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2243	-0.102128014	2.328585e-01	-0.399005150
## FALSE_2244	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2245	-0.102128014	-2.950168e-01	-0.399005150
## FALSE_2246	-0.402499201	-1.954531e-01	-0.399005150
## FALSE_2247	0.798985549	4.012244e-01	1.169388361
## FALSE_2248	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2249	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2250	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2251	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2252	-0.402499201	-4.039732e-01	0.385191606
## FALSE_2253	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2254	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2255	0.498614361	8.351298e-02	-0.399005150
## TRUE_2256	0.198243174	-2.123602e-01	2.737781872
## FALSE_2257	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2258	-0.402499201	-2.630813e-01	-0.399005150
## TRUE_2259	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2260	0.798985549	-5.174331e-02	-0.399005150
## FALSE_2261	-0.402499201	-2.461742e-01	0.385191606
## FALSE_2262	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2263	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2264	0.198243174	-2.779168e-02	0.385191606
## FALSE_2265	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2266	-0.102128014	1.529065e+00	-0.399005150
## FALSE_2267	3.802697423	1.094613e+00	4.306175383
## FALSE_2268	0.498614361	1.285984e-01	2.737781872
## FALSE_2269	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2270	0.198243174	2.948509e-01	-0.399005150
## FALSE_2271	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2272	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2273	1.099356736	-2.174323e-01	-0.399005150
## TRUE_2274	1.700099111	2.103158e-01	-0.399005150
## FALSE_2275	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2276	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2277	0.498614361	-2.433564e-01	0.385191606
## FALSE_2278	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2279	-0.102128014	-3.664021e-01	-0.399005150
## FALSE_2280	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2281	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2282	-0.102128014	-3.588878e-01	2.737781872
## FALSE_2283	0.198243174	8.415118e-01	-0.399005150
## FALSE_2284	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2285	-0.402499201	-3.250737e-01	-0.399005150
## FALSE_2286	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2287	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_2288	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2289	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2290	0.498614361	5.956134e-02	0.385191606
## FALSE_2291	1.399727924	3.568434e-01	-0.399005150
## FALSE_2292	0.498614361	4.160180e-01	-0.399005150
## FALSE_2293	1.399727924	3.056527e-01	-0.399005150
## FALSE_2294	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2295	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2296	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2297	0.798985549	2.111611e-01	-0.399005150
## FALSE_2298	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2299	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2300	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2301	1.700099111	2.328585e-01	-0.399005150
## FALSE_2302	0.498614361	-1.278250e-01	-0.399005150
## FALSE_2303	0.498614361	1.456933e-01	1.169388361
## FALSE_2304	0.198243174	1.306699e-02	-0.399005150
## FALSE_2305	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2306	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2307	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2308	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2309	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2310	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2311	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2312	0.498614361	2.384941e-01	-0.399005150
## FALSE_2313	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2314	-0.102128014	-1.156143e-01	-0.399005150
## TRUE_2315	-0.102128014	-2.377207e-01	0.385191606
## FALSE_2316	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2317	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2318	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2319	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2320	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2321	1.700099111	7.626123e-01	1.169388361
## FALSE_2322	-0.402499201	-9.475723e-03	1.169388361
## FALSE_2323	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2324	1.099356736	2.413120e-01	3.521978628
## FALSE_2325	0.198243174	1.104510e+00	0.385191606
## FALSE_2326	1.700099111	1.786615e+00	-0.399005150
## FALSE_2327	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2328	-0.402499201	-1.447320e-01	-0.399005150
## FALSE_2329	-0.402499201	-2.968953e-01	-0.399005150
## FALSE_2330	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2331	0.798985549	3.723415e-01	-0.399005150
## FALSE_2332	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2333	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2334	0.498614361	3.822040e-01	1.953585117
## FALSE_2335	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2336	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2337	-0.102128014	-3.842484e-01	-0.399005150
## FALSE_2338	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2339	0.198243174	-2.217530e-01	-0.399005150
## FALSE_2340	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2341	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2342	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2343	1.099356736	-2.687170e-01	-0.399005150
## FALSE_2344	1.399727924	6.696236e-01	-0.399005150
## FALSE_2345	0.498614361	1.870267e-02	-0.399005150
## FALSE_2346	1.399727924	1.930137e+00	-0.399005150
## TRUE_2347	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2348	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2349	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2350	0.198243174	-9.307163e-02	1.169388361
## FALSE_2351	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2352	2.300841486	7.795193e-01	1.169388361
## FALSE_2353	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2354	1.099356736	1.736176e+00	1.953585117
## FALSE_2355	1.700099111	2.143354e+00	0.385191606
## FALSE_2356	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2357	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2358	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_2359	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2360	-0.102128014	-3.025310e-01	-0.399005150
## FALSE_2361	0.798985549	2.086251e-01	0.385191606
## FALSE_2362	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2363	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2364	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2365	0.198243174	-4.096089e-01	-0.399005150
## FALSE_2366	-0.102128014	4.547215e-02	0.385191606
## TRUE_2367	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2368	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2369	2.000470298	1.127523e+00	1.169388361
## FALSE_2370	2.300841486	2.433893e+00	6.658765650
## FALSE_2371	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_2372	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2373	-0.702870388	-4.603300e-01	-0.399005150

## TRUE_2374	0.498614361	-7.146819e-02	0.385191606
## FALSE_2375	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2376	0.198243174	2.821707e-01	-0.399005150
## FALSE_2377	0.498614361	-3.729770e-01	-0.399005150
## FALSE_2378	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2379	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_2380	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2381	-0.402499201	-4.349695e-01	-0.399005150
## FALSE_2382	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2383	2.601212673	3.502684e-01	1.953585117
## FALSE_2384	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2385	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2391	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2392	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2393	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2394	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2395	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_2396	1.700099111	5.606671e-01	1.953585117
## FALSE_2397	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2398	0.198243174	-2.067245e-01	-0.399005150
## FALSE_2399	-0.102128014	-2.743526e-01	-0.399005150
## FALSE_2400	0.198243174	-1.531855e-01	2.737781872
## FALSE_2401	-0.102128014	9.049878e+00	-0.399005150
## FALSE_2402	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2403	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2404	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2405	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2406	1.399727924	3.624791e-01	1.169388361
## FALSE_2407	-0.102128014	-3.476165e-01	-0.399005150
## FALSE_2408	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2409	0.498614361	1.968648e+00	-0.399005150
## FALSE_2410	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2411	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2412	2.601212673	7.279842e-01	-0.399005150
## FALSE_2413	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2414	0.198243174	-1.315821e-01	-0.399005150
## FALSE_2415	-0.102128014	-2.799883e-01	-0.399005150
## FALSE_2416	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_2417	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2418	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2419	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2420	0.798985549	-1.672747e-01	-0.399005150
## TRUE_2421	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2422	-0.402499201	-3.081667e-01	-0.399005150
## FALSE_2423	1.399727924	6.097026e-02	-0.399005150
## FALSE_2424	0.798985549	-6.583251e-02	-0.399005150
## FALSE_2425	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2426	0.198243174	-1.823032e-01	1.169388361
## FALSE_2427	0.798985549	1.946105e+00	1.169388361

## TRUE_2428	3.502326235	3.273509e+00	1.169388361
## FALSE_2429	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2430	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2431	0.798985549	3.067605e+00	0.385191606
## FALSE_2432	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2433	-0.102128014	1.539590e-01	3.521978628
## FALSE_2434	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2435	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2436	0.198243174	5.251675e-02	-0.399005150
## TRUE_2437	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2438	-0.102128014	-3.307094e-01	-0.399005150
## FALSE_2439	1.700099111	2.798225e-01	0.385191606
## FALSE_2440	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2441	2.000470298	2.642573e-01	0.385191606
## FALSE_2442	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2443	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2444	0.798985549	8.377547e-01	1.169388361
## FALSE_2445	-0.102128014	4.688107e-02	-0.399005150
## FALSE_2446	1.399727924	9.222899e-01	-0.399005150
## FALSE_2447	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2448	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_2452	-0.402499201	1.438894e+00	0.385191606
## FALSE_2453	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2454	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2457	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2458	1.099356736	1.342341e-01	-0.399005150
## FALSE_2459	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2460	1.099356736	-1.081001e-01	-0.399005150
## FALSE_2461	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2462	0.798985549	9.091399e-01	-0.399005150
## FALSE_2463	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_2464	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2465	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2466	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2467	-0.102128014	-3.673413e-01	-0.399005150
## FALSE_2468	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_2469	-0.102128014	-2.349029e-01	-0.399005150
## FALSE_2470	-0.102128014	-3.927019e-01	-0.399005150
## FALSE_2471	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2472	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2473	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2475	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2476	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2477	-0.102128014	-1.334607e-01	3.521978628
## FALSE_2478	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2479	2.601212673	-1.088464e-02	-0.399005150
## FALSE_2480	1.099356736	1.567768e-01	0.385191606
## FALSE_2481	-0.702870388	-4.603300e-01	0.385191606

## FALSE_2482	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2483	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2484	-0.402499201	-1.945138e-01	0.385191606
## FALSE_2485	-0.102128014	1.877730e-01	1.169388361
## FALSE_2486	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2487	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2488	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2489	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2490	0.498614361	-5.850613e-02	-0.399005150
## FALSE_2491	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2492	1.099356736	3.286650e-01	0.385191606
## FALSE_2493	2.300841486	3.770656e+00	1.953585117
## TRUE_2494	1.700099111	2.253442e-01	1.169388361
## FALSE_2495	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2496	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2497	0.798985549	9.091399e-01	1.953585117
## FALSE_2498	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2499	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2500	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2501	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2503	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2506	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2507	-0.702870388	-4.603300e-01	1.169388361
## TRUE_2508	0.498614361	-6.113611e-02	0.385191606
## FALSE_2509	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2510	1.099356736	2.480799e-02	-0.399005150
## FALSE_2511	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2512	2.300841486	9.626789e-01	1.169388361
## FALSE_2513	0.498614361	2.497655e-01	-0.399005150
## FALSE_2514	0.798985549	1.331816e+00	-0.399005150
## FALSE_2515	2.000470298	1.406019e+00	2.737781872
## FALSE_2516	2.000470298	4.949175e-01	1.169388361
## FALSE_2517	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2518	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2519	2.901583861	6.863696e-01	0.385191606
## FALSE_2520	-0.102128014	6.942378e-02	-0.399005150
## FALSE_2521	1.700099111	1.562879e+00	0.385191606
## FALSE_2522	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2523	1.399727924	3.033045e-01	1.169388361
## FALSE_2524	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2525	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2526	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2527	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2528	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2529	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2530	-0.402499201	-3.870662e-01	-0.399005150
## FALSE_2531	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2532	0.498614361	-3.419808e-01	-0.399005150
## FALSE_2533	0.198243174	1.539590e-01	-0.399005150
## TRUE_2534	0.198243174	6.048133e-01	0.385191606
## FALSE_2535	-0.402499201	-2.574456e-01	-0.399005150

## FALSE_2536	-0.102128014	-3.194381e-01	1.953585117
## FALSE_2537	-0.702870388	-4.603300e-01	2.737781872
## TRUE_2538	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2539	0.498614361	2.734915e-03	-0.399005150
## FALSE_2540	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2541	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_2544	-0.102128014	1.116914e-01	-0.399005150
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## FALSE_2546	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2547	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2548	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2550	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_2553	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2554	6.506038110	6.450441e-01	0.385191606
## FALSE_2555	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2556	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2557	1.399727924	1.835463e-01	0.385191606
## FALSE_2558	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2559	-0.102128014	1.032379e-01	-0.399005150
## FALSE_2560	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2561	2.901583861	1.977571e+00	1.953585117
## FALSE_2562	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2563	2.000470298	2.046801e-01	1.169388361
## FALSE_2564	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2565	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2566	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2567	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2570	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2571	1.700099111	1.593875e+00	-0.399005150
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## FALSE_2573	-0.402499201	-3.959223e-01	1.169388361
## FALSE_2574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2575	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_2576	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2577	0.498614361	9.410755e-01	1.953585117
## FALSE_2578	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2579	0.798985549	4.864640e-01	-0.399005150
## FALSE_2580	0.798985549	1.388634e-01	2.737781872
## FALSE_2581	-0.102128014	-1.898174e-01	-0.399005150
## FALSE_2582	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2584	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2585	2.300841486	1.016218e+00	-0.399005150
## FALSE_2586	0.498614361	2.272228e-01	1.953585117
## FALSE_2587	-0.402499201	-3.983376e-01	1.953585117
## FALSE_2588	0.198243174	4.688107e-02	-0.399005150
## FALSE_2589	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2590	0.198243174	4.751927e-01	0.385191606
## FALSE_2591	3.502326235	8.364788e-01	-0.399005150
## FALSE_2592	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2593	-0.102128014	7.505946e-02	-0.399005150
## FALSE_2594	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2595	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2596	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2597	-0.102128014	-2.912597e-01	-0.399005150
## FALSE_2598	-0.402499201	-4.208803e-01	-0.399005150
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## FALSE_2600	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2601	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2602	2.300841486	4.235323e-01	1.169388361
## FALSE_2603	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2604	2.300841486	1.175895e+00	-0.399005150
## FALSE_2605	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2606	-0.402499201	1.765017e-01	-0.399005150
## FALSE_2607	-0.102128014	-2.067245e-01	-0.399005150
## FALSE_2608	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2609	-0.102128014	6.611701e-01	-0.399005150
## FALSE_2610	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2614	-0.102128014	4.470143e-01	-0.399005150
## FALSE_2615	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2616	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2617	1.700099111	2.558985e+00	1.169388361
## FALSE_2618	0.798985549	3.560971e-02	-0.399005150
## FALSE_2619	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2620	0.798985549	-5.216599e-02	1.169388361
## FALSE_2621	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2622	1.099356736	8.069514e-02	2.737781872
## TRUE_2623	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2624	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2625	-0.102128014	-9.401091e-02	-0.399005150
## FALSE_2626	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_2627	-0.102128014	8.633082e-02	-0.399005150
## FALSE_2628	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2629	0.798985549	-1.672747e-01	-0.399005150
## FALSE_2630	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2631	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2632	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_2633	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2638	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2639	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2640	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2641	0.198243174	5.721314e-02	-0.399005150
## FALSE_2642	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2643	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2644	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2645	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2646	1.099356736	2.077980e+00	-0.399005150
## FALSE_2647	-0.402499201	-3.363451e-01	-0.399005150
## FALSE_2648	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2649	-0.102128014	-3.138024e-01	-0.399005150
## FALSE_2650	-0.102128014	-3.814305e-01	-0.399005150
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## FALSE_2652	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2654	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2655	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2656	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2657	2.300841486	4.804441e-01	1.169388361
## FALSE_2658	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2659	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2660	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2661	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2662	-0.402499201	-6.865035e-02	-0.399005150
## FALSE_2663	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2664	2.300841486	6.577887e-01	1.169388361
## FALSE_2665	0.498614361	3.042437e-01	-0.399005150
## FALSE_2666	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2667	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2668	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2669	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2670	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2671	0.798985549	7.689106e-02	-0.399005150
## FALSE_2672	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2673	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2674	-0.402499201	-3.701592e-01	-0.399005150
## TRUE_2675	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_2676	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2677	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2678	1.099356736	-2.339636e-01	-0.399005150
## FALSE_2679	2.300841486	1.228137e+00	1.169388361
## FALSE_2680	0.498614361	2.098268e+00	1.953585117
## FALSE_2681	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2682	0.798985549	-1.560034e-01	-0.399005150
## FALSE_2683	-0.402499201	-3.419808e-01	-0.399005150
## FALSE_2684	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2685	1.700099111	1.229627e-01	-0.399005150
## FALSE_2686	0.198243174	-2.039066e-01	-0.399005150
## FALSE_2687	-0.102128014	1.821374e-01	-0.399005150
## FALSE_2688	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2690	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2691	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_2692	1.700099111	9.222899e-01	2.737781872
## FALSE_2693	0.198243174	-2.236315e-01	-0.399005150
## TRUE_2694	1.099356736	-1.127965e-01	-0.399005150
## FALSE_2695	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2696	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2697	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2698	-0.402499201	1.821374e-01	0.385191606
## TRUE_2699	1.700099111	-1.417212e-02	1.169388361
## FALSE_2700	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2701	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2702	0.198243174	1.089482e+00	1.169388361
## FALSE_2703	0.198243174	-2.461742e-01	-0.399005150
## FALSE_2704	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2705	0.798985549	3.202115e-01	-0.399005150
## FALSE_2706	-0.006670655	-4.368804e-03	-0.003786794
## FALSE_2707	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2708	0.498614361	-1.165536e-01	-0.399005150
## FALSE_2709	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2710	2.901583861	4.165816e-01	4.306175383
## FALSE_2711	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2712	2.300841486	1.000250e+00	-0.399005150
## FALSE_2713	0.198243174	-4.265160e-01	-0.399005150
## FALSE_2714	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2715	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2716	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2717	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2718	1.099356736	2.715619e-02	0.385191606
## FALSE_2719	2.000470298	1.225208e+00	0.385191606
## TRUE_2720	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2721	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2722	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2723	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2724	-0.102128014	4.751927e-01	1.169388361
## FALSE_2725	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2726	-0.402499201	-3.983376e-01	1.169388361
## FALSE_2727	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2728	0.798985549	1.201449e-01	-0.399005150
## FALSE_2729	2.601212673	1.661503e+00	2.737781872
## FALSE_2730	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2731	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2732	0.198243174	-7.146819e-02	-0.399005150
## FALSE_2733	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2734	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2735	0.798985549	8.372850e-01	1.169388361
## FALSE_2736	0.798985549	6.978020e-01	0.385191606
## TRUE_2737	-0.702870388	-4.603300e-01	0.385191606
## TRUE_2738	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2739	-0.102128014	-3.194381e-01	-0.399005150
## FALSE_2740	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2741	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2742	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2743	-0.102128014	-2.630813e-01	-0.399005150
## FALSE_2744	-0.402499201	-2.095423e-01	-0.399005150
## FALSE_2745	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2746	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2747	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2748	0.198243174	-2.968953e-01	-0.399005150
## FALSE_2749	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2750	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2751	-0.402499201	-3.476165e-01	-0.399005150

## FALSE_2752	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_2754	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2755	1.700099111	7.006198e-01	-0.399005150
## FALSE_2756	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2757	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2758	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2759	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2760	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2761	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2762	-0.402499201	-4.603300e-01	-0.399005150
## TRUE_2763	-0.402499201	-2.273886e-01	-0.399005150
## FALSE_2764	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2765	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2766	-0.402499201	-3.152113e-01	1.953585117
## FALSE_2767	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2768	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2769	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2770	0.198243174	-1.672747e-01	-0.399005150
## FALSE_2771	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2772	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2773	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2774	3.502326235	5.151121e-01	1.953585117
## FALSE_2775	0.198243174	-1.109179e-01	-0.399005150
## FALSE_2776	0.198243174	-2.518099e-01	-0.399005150
## FALSE_2777	2.300841486	3.039158e+00	3.521978628
## FALSE_2778	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2779	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2780	1.399727924	-8.931451e-02	-0.399005150
## FALSE_2781	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2782	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2783	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2784	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2785	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2786	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2787	0.498614361	-1.672747e-01	-0.399005150
## FALSE_2788	-0.102128014	-4.321516e-01	-0.399005150
## FALSE_2789	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2790	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_2791	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2792	1.399727924	6.921663e-01	1.169388361
## FALSE_2793	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2794	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2795	0.198243174	-1.653962e-01	3.521978628
## FALSE_2796	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2797	2.601212673	2.351310e+00	1.953585117
## FALSE_2798	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2799	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2800	-0.402499201	-3.870662e-01	-0.399005150
## FALSE_2801	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2802	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2803	0.498614361	1.088735e-01	-0.399005150
## FALSE_2804	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2805	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2806	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2807	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2808	-0.102128014	-1.503677e-01	-0.399005150
## FALSE_2809	1.099356736	8.227069e+00	-0.399005150
## FALSE_2810	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2811	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2812	2.300841486	6.508380e-01	-0.399005150
## TRUE_2813	1.099356736	-8.402038e-02	0.385191606
## FALSE_2814	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2815	0.498614361	1.795635e-03	-0.399005150
## FALSE_2816	-0.402499201	-9.401091e-02	-0.399005150
## FALSE_2817	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2818	0.798985549	2.715619e-02	-0.399005150
## FALSE_2819	-0.102128014	1.314163e-01	-0.399005150
## FALSE_2820	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2821	-0.102128014	-2.489921e-01	-0.399005150
## FALSE_2822	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2823	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2824	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2825	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2826	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2827	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2828	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2829	0.498614361	-3.504343e-01	-0.399005150
## FALSE_2830	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2831	0.798985549	6.480202e-01	-0.399005150
## FALSE_2832	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2833	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2834	0.798985549	5.991776e-01	-0.399005150
## FALSE_2835	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2836	0.198243174	1.314163e-01	-0.399005150
## TRUE_2837	0.498614361	5.251675e-02	1.169388361
## FALSE_2838	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2839	-0.402499201	-3.025310e-01	-0.399005150
## FALSE_2840	1.099356736	4.532538e-01	-0.399005150
## FALSE_2841	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2842	-0.402499201	-2.518099e-01	-0.399005150
## FALSE_2843	1.099356736	-8.743595e-02	1.169388361
## FALSE_2844	1.099356736	2.638547e-01	-0.399005150
## FALSE_2845	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2846	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2847	1.399727924	1.177774e+00	-0.399005150
## FALSE_2848	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2849	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2850	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2851	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2852	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2853	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2854	1.099356736	-1.362785e-01	-0.399005150
## TRUE_2855	0.798985549	1.148907e-01	1.169388361
## FALSE_2856	0.498614361	-1.221893e-01	-0.399005150
## FALSE_2857	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2858	3.502326235	2.799910e+00	1.169388361
## FALSE_2859	-0.102128014	-2.433564e-01	1.169388361

## FALSE_2860	0.798985549	1.870267e-02	-0.399005150
## FALSE_2861	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2862	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2863	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2864	-0.402499201	-2.574456e-01	-0.399005150
## FALSE_2865	0.798985549	9.274559e-01	0.385191606
## TRUE_2866	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2867	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2868	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2869	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2870	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2871	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2872	-0.102128014	-3.532521e-01	-0.399005150
## FALSE_2873	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2874	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2875	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_2876	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2877	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2878	0.198243174	-1.503677e-01	-0.399005150
## FALSE_2879	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2880	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2881	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2882	-0.402499201	-7.710387e-02	-0.399005150
## FALSE_2883	0.198243174	2.384941e-01	-0.399005150
## FALSE_2884	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2885	-0.402499201	-2.968953e-01	1.169388361
## FALSE_2886	0.498614361	4.639213e-01	-0.399005150
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## FALSE_2888	-0.402499201	-4.152446e-01	-0.399005150
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## FALSE_2890	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2891	1.700099111	4.874033e-01	-0.399005150
## FALSE_2892	2.901583861	1.406770e+00	-0.399005150
## FALSE_2893	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2894	0.798985549	2.629793e+00	4.306175383
## TRUE_2895	1.700099111	1.145092e-01	-0.399005150
## FALSE_2896	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2897	0.198243174	4.751927e-01	-0.399005150
## FALSE_2898	-0.402499201	-2.067245e-01	-0.399005150
## FALSE_2899	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2900	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2901	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2902	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2904	-0.402499201	-4.406052e-01	-0.399005150
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## FALSE_2906	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2907	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2908	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2909	-0.102128014	-9.119307e-02	-0.399005150
## FALSE_2910	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2911	0.498614361	-2.461742e-01	-0.399005150
## FALSE_2912	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2913	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_2914	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2915	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2916	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2917	1.099356736	1.314163e-01	0.385191606
## FALSE_2918	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2919	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2920	3.201955048	8.297708e-01	0.385191606
## TRUE_2921	1.700099111	9.429540e-01	0.385191606
## FALSE_2922	2.300841486	8.719914e-01	1.953585117
## FALSE_2923	-0.402499201	-4.349695e-01	1.953585117
## FALSE_2924	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2925	0.198243174	3.004866e-01	-0.399005150
## FALSE_2926	-0.702870388	-4.603300e-01	1.169388361
## FALSE_2927	2.300841486	1.013400e+00	2.737781872
## TRUE_2928	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2929	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2930	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2931	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2933	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2934	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2935	-0.102128014	9.196650e-02	-0.399005150
## FALSE_2936	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2937	0.198243174	-3.307094e-01	1.169388361
## FALSE_2938	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2939	0.798985549	-3.588878e-01	0.385191606
## FALSE_2940	-0.402499201	-9.964659e-02	-0.399005150
## FALSE_2941	-0.102128014	-3.307094e-01	-0.399005150
## FALSE_2942	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2943	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2944	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2945	0.498614361	4.780105e-01	0.385191606
## TRUE_2946	-0.102128014	-4.328980e-02	-0.399005150
## FALSE_2947	-0.402499201	-2.236315e-01	-0.399005150
## FALSE_2948	-0.102128014	5.090067e-01	-0.399005150
## FALSE_2949	0.198243174	8.522196e-01	5.090372139
## FALSE_2950	0.198243174	5.315495e-01	-0.399005150
## FALSE_2951	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_2952	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2953	-0.402499201	-4.265160e-01	1.169388361
## FALSE_2954	0.498614361	-1.409749e-01	-0.399005150
## FALSE_2955	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2956	-0.402499201	-3.532521e-01	0.385191606
## FALSE_2957	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_2959	0.198243174	-1.653962e-01	-0.399005150
## FALSE_2960	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2961	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2962	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2963	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2964	1.099356736	4.387537e-02	0.385191606
## FALSE_2965	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2966	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2967	-0.402499201	-4.096089e-01	-0.399005150

## FALSE_2968	0.198243174	1.652303e-01	-0.399005150
## FALSE_2969	0.198243174	2.159514e-01	-0.399005150
## FALSE_2970	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2971	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2972	2.000470298	3.846461e-01	1.169388361
## FALSE_2973	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2974	0.198243174	-1.602301e-01	0.385191606
## FALSE_2975	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2976	-0.102128014	-1.221893e-01	4.306175383
## FALSE_2977	-0.402499201	8.633082e-02	-0.399005150
## FALSE_2978	-0.102128014	-3.419808e-01	-0.399005150
## FALSE_2979	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2980	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2981	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_2982	0.798985549	2.344829e+00	0.385191606
## FALSE_2983	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2984	0.798985549	-9.401091e-02	-0.399005150
## FALSE_2985	0.198243174	3.793861e-01	-0.399005150
## FALSE_2986	0.798985549	1.325053e+00	-0.399005150
## FALSE_2987	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2988	0.198243174	-1.799550e-01	-0.399005150
## FALSE_2989	-0.102128014	-4.047196e-02	-0.399005150
## TRUE_2990	0.198243174	-2.349029e-01	-0.399005150
## FALSE_2991	0.198243174	-9.119307e-02	1.169388361
## FALSE_2992	2.000470298	8.556010e-01	1.169388361
## TRUE_2993	-0.402499201	-2.292672e-01	-0.399005150
## FALSE_2994	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2995	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2996	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_2997	-0.702870388	-4.603300e-01	0.385191606
## FALSE_2998	-0.102128014	3.831432e-01	-0.399005150
## FALSE_2999	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3000	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3001	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3002	0.498614361	5.090067e-01	-0.399005150
## FALSE_3003	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3004	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3005	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3006	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3007	0.798985549	4.301072e-01	-0.399005150
## FALSE_3008	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3009	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3010	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3011	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3012	1.399727924	2.948509e-01	1.169388361
## FALSE_3013	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3014	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3015	-0.402499201	-3.138024e-01	1.169388361
## FALSE_3016	-0.402499201	-2.461742e-01	1.169388361
## TRUE_3017	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3018	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3019	0.498614361	-3.138024e-01	-0.399005150
## FALSE_3020	-0.402499201	-1.390963e-01	1.953585117
## FALSE_3021	-0.102128014	-2.743526e-01	-0.399005150

## FALSE_3022	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3023	0.198243174	1.312091e+00	-0.399005150
## FALSE_3024	-0.102128014	-4.002161e-01	-0.399005150
## FALSE_3025	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3026	1.099356736	1.398698e-01	-0.399005150
## FALSE_3027	-0.102128014	7.431314e-03	-0.399005150
## FALSE_3028	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3029	-0.402499201	2.566030e+00	-0.399005150
## FALSE_3030	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3031	1.700099111	7.342326e-01	-0.399005150
## FALSE_3032	0.498614361	-7.146819e-02	0.385191606
## FALSE_3033	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3034	0.198243174	-3.504343e-01	-0.399005150
## FALSE_3035	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3036	0.198243174	-1.503677e-01	-0.399005150
## FALSE_3037	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3038	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3039	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_3040	1.099356736	5.259138e-01	0.385191606
## FALSE_3041	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3042	0.198243174	-3.840044e-03	-0.399005150
## FALSE_3043	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3044	1.399727924	1.417215e-01	-0.399005150
## FALSE_3045	2.300841486	4.510062e-01	0.385191606
## FALSE_3046	-0.402499201	-1.766675e-01	-0.399005150
## TRUE_3047	0.798985549	3.861296e+00	-0.399005150
## FALSE_3048	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3049	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3050	0.198243174	-2.950168e-01	-0.399005150
## FALSE_3051	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3052	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3053	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3054	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3055	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3056	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3057	0.498614361	2.751261e-01	-0.399005150
## FALSE_3058	2.601212673	6.388898e+00	-0.399005150
## FALSE_3059	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3060	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3061	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3062	-0.402499201	-7.146819e-02	-0.399005150
## TRUE_3063	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3064	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3065	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3066	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3067	-0.102128014	-4.208803e-01	0.385191606
## FALSE_3068	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3069	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3070	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_3071	-0.102128014	-1.362785e-01	-0.399005150
## FALSE_3072	0.198243174	3.775076e-01	-0.399005150
## TRUE_3073	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3074	1.700099111	3.981717e-01	-0.399005150
## FALSE_3075	1.399727924	1.823576e+00	0.385191606

## FALSE_3076	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3077	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3078	-0.402499201	-1.221893e-01	0.385191606
## FALSE_3079	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3080	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3081	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3082	-0.402499201	1.196560e+00	-0.399005150
## TRUE_3083	-0.102128014	-3.025310e-01	-0.399005150
## FALSE_3084	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3085	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3086	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3087	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3088	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3089	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3090	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3091	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3092	0.498614361	1.004200e-01	-0.399005150
## FALSE_3093	-0.102128014	-6.583251e-02	-0.399005150
## FALSE_3094	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3095	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3096	2.901583861	3.134889e+00	-0.399005150
## FALSE_3097	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3098	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3099	1.399727924	1.616662e-02	-0.399005150
## FALSE_3100	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3101	2.000470298	1.691748e+00	0.385191606
## TRUE_3102	1.700099111	8.743866e-01	-0.399005150
## FALSE_3103	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3104	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3105	-0.102128014	-3.363451e-01	-0.399005150
## TRUE_3106	0.798985549	9.175935e-01	-0.399005150
## FALSE_3107	0.498614361	1.539590e-01	1.169388361
## FALSE_3108	-0.102128014	5.569100e-01	-0.399005150
## FALSE_3109	4.403439798	2.876000e+00	2.737781872
## FALSE_3110	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3111	0.198243174	1.427622e+00	-0.399005150
## FALSE_3112	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3113	-0.402499201	-1.334607e-01	-0.399005150
## FALSE_3114	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3115	2.300841486	2.046801e-01	-0.399005150
## FALSE_3116	0.198243174	-2.292672e-01	-0.399005150
## TRUE_3117	2.000470298	1.060176e+00	-0.399005150
## FALSE_3118	-0.402499201	-3.757949e-01	-0.399005150
## FALSE_3119	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3120	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3121	0.498614361	8.633082e-02	-0.399005150
## FALSE_3122	4.103068610	8.654634e-01	0.385191606
## FALSE_3123	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3124	0.498614361	9.196650e-02	2.737781872
## FALSE_3125	1.099356736	1.101692e+00	1.169388361
## FALSE_3126	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3127	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3128	0.198243174	-3.189684e-01	-0.399005150
## FALSE_3129	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_3130	-0.402499201	-3.081667e-01	-0.399005150
## FALSE_3131	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3132	-0.102128014	2.384941e-01	0.385191606
## FALSE_3133	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3134	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3135	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3136	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3137	-0.402499201	-3.201844e-02	-0.399005150
## FALSE_3138	3.802697423	8.722069e+00	1.953585117
## FALSE_3139	-0.402499201	-1.081001e-01	1.953585117
## FALSE_3140	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3141	1.099356736	-1.729104e-01	-0.399005150
## FALSE_3142	-0.702870388	-4.603300e-01	0.385191606
## TRUE_3143	-0.402499201	-3.250737e-01	-0.399005150
## FALSE_3144	0.798985549	2.385688e+00	-0.399005150
## FALSE_3145	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3146	0.498614361	-2.461742e-01	1.953585117
## TRUE_3147	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3148	1.099356736	-2.771705e-01	1.169388361
## FALSE_3149	0.198243174	1.511411e-01	-0.399005150
## FALSE_3150	0.198243174	4.075645e-01	1.169388361
## FALSE_3151	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3152	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3153	0.498614361	2.097704e-01	4.306175383
## FALSE_3154	-0.402499201	-3.645235e-01	-0.399005150
## TRUE_3155	1.700099111	6.248512e-01	0.385191606
## FALSE_3156	-0.102128014	-2.349029e-01	0.385191606
## FALSE_3157	-0.102128014	1.044396e+00	-0.399005150
## FALSE_3158	1.099356736	1.426876e-01	0.385191606
## FALSE_3159	2.000470298	3.624791e-01	-0.399005150
## FALSE_3160	0.798985549	-1.513070e-01	-0.399005150
## FALSE_3161	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3162	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3163	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3164	-0.102128014	-2.968953e-01	0.385191606
## FALSE_3165	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3166	1.700099111	8.912936e-01	1.169388361
## FALSE_3167	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3168	0.498614361	7.259804e-01	-0.399005150
## FALSE_3169	-0.102128014	-2.551913e-01	-0.399005150
## FALSE_3170	0.198243174	-7.052891e-02	-0.399005150
## FALSE_3171	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3172	0.198243174	2.411988e+00	-0.399005150
## TRUE_3173	1.099356736	1.652303e-01	-0.399005150
## FALSE_3174	0.498614361	-3.476165e-01	-0.399005150
## FALSE_3175	-0.402499201	-2.010888e-01	-0.399005150
## FALSE_3176	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3177	-0.102128014	2.441298e-01	-0.399005150
## FALSE_3178	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3179	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_3180	2.300841486	9.408012e+00	1.953585117
## FALSE_3181	0.798985549	4.201504e+00	1.169388361
## FALSE_3182	-0.102128014	-1.503677e-01	-0.399005150
## FALSE_3183	-0.102128014	-3.194381e-01	-0.399005150

## FALSE_3184	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3185	-0.102128014	-3.757949e-01	-0.399005150
## FALSE_3186	-0.102128014	6.378810e-02	1.953585117
## FALSE_3187	0.498614361	-4.892548e-02	-0.399005150
## FALSE_3188	1.099356736	-2.638276e-02	-0.399005150
## FALSE_3189	-0.402499201	1.004946e+00	-0.399005150
## FALSE_3190	-0.102128014	-3.870662e-01	-0.399005150
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## TRUE_3192	-0.102128014	2.729464e+00	-0.399005150
## FALSE_3193	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3194	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3195	0.198243174	-2.236315e-01	-0.399005150
## FALSE_3196	1.399727924	2.168489e-02	1.953585117
## FALSE_3197	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3198	0.498614361	6.160846e-01	-0.399005150
## FALSE_3199	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3200	1.700099111	5.907241e-01	-0.399005150
## FALSE_3201	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3202	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3203	0.498614361	-1.954531e-01	-0.399005150
## FALSE_3204	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3205	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3206	-0.402499201	-4.039732e-01	1.169388361
## FALSE_3207	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3208	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3209	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3210	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3211	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_3212	2.601212673	1.576834e+00	0.385191606
## FALSE_3213	-0.102128014	-2.799883e-01	-0.399005150
## FALSE_3214	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3215	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3216	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3217	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3218	0.498614361	-1.165536e-01	-0.399005150
## FALSE_3219	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3220	2.000470298	4.019377e+00	-0.399005150
## FALSE_3221	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3222	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3223	1.399727924	4.631750e-02	1.953585117
## FALSE_3224	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3225	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3226	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3227	-0.402499201	-3.081667e-01	-0.399005150
## FALSE_3228	0.798985549	4.554678e-01	0.385191606
## FALSE_3229	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3230	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3231	0.198243174	6.935752e-01	-0.399005150
## FALSE_3232	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3233	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3234	-0.102128014	-2.799883e-01	-0.399005150
## FALSE_3235	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3236	0.198243174	1.708660e-01	-0.399005150
## FALSE_3237	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_3238	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_3239	1.099356736	5.533458e-02	-0.399005150
## FALSE_3240	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3241	0.798985549	1.926380e+00	1.169388361
## FALSE_3242	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3243	2.000470298	5.229550e-01	-0.399005150
## FALSE_3244	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3245	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3246	-0.402499201	-4.096089e-01	3.521978628
## FALSE_3247	-0.402499201	-3.138024e-01	-0.399005150
## FALSE_3248	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3249	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3250	-0.402499201	-2.292672e-01	-0.399005150
## FALSE_3251	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3252	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3253	0.198243174	-2.349029e-01	-0.399005150
## FALSE_3254	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3255	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3256	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3257	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3258	2.901583861	1.897262e+00	1.169388361
## FALSE_3259	-0.402499201	3.560971e-02	-0.399005150
## FALSE_3260	-0.102128014	2.433835e-02	-0.399005150
## FALSE_3261	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3262	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3263	-0.402499201	-4.321516e-01	1.169388361
## FALSE_3264	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3265	0.198243174	9.429540e-01	-0.399005150
## FALSE_3266	-0.402499201	-3.476165e-01	-0.399005150
## TRUE_3267	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3268	0.198243174	1.032379e-01	-0.399005150
## FALSE_3269	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3270	-0.402499201	-2.799883e-01	-0.399005150
## FALSE_3271	0.798985549	5.181229e-02	0.385191606
## FALSE_3272	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3273	-0.402499201	-4.039732e-01	-0.399005150
## FALSE_3274	0.198243174	1.624125e-01	-0.399005150
## FALSE_3275	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3276	0.498614361	-3.814305e-01	-0.399005150
## FALSE_3277	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3278	1.700099111	3.540256e-01	2.737781872
## FALSE_3279	1.099356736	7.287982e-01	0.385191606
## FALSE_3280	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3281	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3282	-0.402499201	-1.954531e-01	-0.399005150
## FALSE_3283	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3284	-0.102128014	9.196650e-02	-0.399005150
## FALSE_3285	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3286	2.300841486	7.111398e-01	-0.399005150
## FALSE_3287	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3288	1.700099111	3.236675e+00	0.385191606
## FALSE_3289	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3290	-0.402499201	-4.265160e-01	0.385191606
## TRUE_3291	0.498614361	1.337452e+00	0.385191606

## FALSE_3292	-0.102128014	1.483233e-01	-0.399005150
## FALSE_3293	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3294	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3295	-0.702870388	-4.603300e-01	1.953585117
## FALSE_3296	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3297	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3298	1.700099111	1.345972e-01	3.521978628
## FALSE_3299	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3300	0.798985549	-3.476165e-01	-0.399005150
## FALSE_3301	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3302	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3303	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3304	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3305	-0.102128014	-1.757283e-01	-0.399005150
## FALSE_3306	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3307	0.198243174	-2.884418e-01	-0.399005150
## FALSE_3308	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3309	2.300841486	1.463852e+00	-0.399005150
## TRUE_3310	0.198243174	1.314163e-01	-0.399005150
## FALSE_3311	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3312	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3313	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3314	0.798985549	9.854146e-02	0.385191606
## FALSE_3315	0.798985549	1.996826e+00	-0.399005150
## FALSE_3316	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3317	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3318	-0.402499201	-2.179958e-01	0.385191606
## FALSE_3319	1.700099111	1.182663e-01	-0.399005150
## FALSE_3320	1.399727924	6.435586e-01	1.169388361
## FALSE_3321	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3322	0.498614361	6.921663e-01	-0.399005150
## TRUE_3323	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3324	0.198243174	6.942378e-02	-0.399005150
## FALSE_3325	-0.402499201	9.767681e-01	-0.399005150
## FALSE_3326	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3327	-0.402499201	-4.321516e-01	0.385191606
## FALSE_3328	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3329	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3330	-0.402499201	-4.377873e-01	-0.399005150
## TRUE_3331	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3332	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3333	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3334	-0.102128014	-2.179958e-01	-0.399005150
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## FALSE_3336	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3337	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3338	0.798985549	1.793195e-01	-0.399005150
## FALSE_3339	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3340	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_3341	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3342	1.099356736	7.795193e-01	1.169388361
## TRUE_3343	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3344	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3345	-0.102128014	-2.499314e-01	-0.399005150

## FALSE_3346	-0.402499201	-2.968953e-01	-0.399005150
## TRUE_3347	-0.102128014	-1.250071e-01	0.385191606
## TRUE_3348	2.601212673	1.436076e+00	-0.399005150
## FALSE_3349	-0.402499201	-1.052823e-01	-0.399005150
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## FALSE_3352	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3353	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3354	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3355	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_3356	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3357	3.802697423	4.888828e-01	1.169388361
## FALSE_3358	-0.102128014	-4.321516e-01	-0.399005150
## FALSE_3359	0.198243174	-3.945804e-01	-0.399005150
## FALSE_3360	1.399727924	-1.602301e-01	-0.399005150
## FALSE_3361	0.498614361	2.835796e-01	0.385191606
## FALSE_3362	1.399727924	-2.114209e-01	-0.399005150
## FALSE_3363	1.399727924	-2.271538e-01	-0.399005150
## FALSE_3364	-0.402499201	-3.250737e-01	-0.399005150
## FALSE_3365	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3366	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3368	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3369	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3370	1.099356736	-9.401091e-02	1.169388361
## FALSE_3371	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3372	1.700099111	2.737113e+00	0.385191606
## FALSE_3373	-0.102128014	-2.405386e-01	-0.399005150
## FALSE_3374	-0.102128014	-4.180624e-01	-0.399005150
## TRUE_3375	-0.402499201	-3.194381e-01	-0.399005150
## FALSE_3376	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3377	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3378	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3379	2.901583861	1.323644e+00	1.953585117
## TRUE_3380	-0.102128014	-1.231286e-01	-0.399005150
## FALSE_3381	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3382	-0.102128014	-3.476165e-01	-0.399005150
## FALSE_3383	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_3385	-0.102128014	-2.461742e-01	-0.399005150
## FALSE_3386	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3387	-0.402499201	-4.321516e-01	-0.399005150
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## FALSE_3392	-0.102128014	-2.226922e-01	-0.399005150
## FALSE_3393	-0.102128014	-3.840044e-03	-0.399005150
## FALSE_3394	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3395	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3396	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3397	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3398	0.798985549	2.103158e-01	-0.399005150
## FALSE_3399	-0.402499201	-4.603300e-01	-0.399005150

## FALSE_3400	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3401	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3402	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3403	0.498614361	-2.794247e-01	0.385191606
## FALSE_3404	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3406	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3407	0.498614361	-2.687170e-01	-0.399005150
## FALSE_3408	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3409	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3410	0.798985549	2.892153e-01	-0.399005150
## FALSE_3411	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3412	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3413	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3414	-0.402499201	-2.940775e-01	-0.399005150
## FALSE_3415	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3416	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3417	-0.402499201	-2.461742e-01	-0.399005150
## TRUE_3418	-0.402499201	-2.781098e-01	0.385191606
## FALSE_3419	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3420	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3421	-0.402499201	-4.328980e-02	-0.399005150
## FALSE_3422	-0.402499201	-4.039732e-01	-0.399005150
## FALSE_3423	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3424	1.399727924	-6.019683e-02	-0.399005150
## FALSE_3425	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3426	-0.402499201	-3.081667e-01	-0.399005150
## FALSE_3427	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3428	0.498614361	-3.427271e-02	-0.399005150
## FALSE_3429	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3430	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3431	-0.102128014	-2.771705e-01	-0.399005150
## FALSE_3432	1.700099111	2.197086e-01	1.169388361
## FALSE_3433	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3434	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3435	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3436	0.498614361	2.638547e-01	-0.399005150
## FALSE_3437	-0.402499201	-3.025310e-01	-0.399005150
## TRUE_3438	0.198243174	-1.700926e-01	-0.399005150
## FALSE_3439	-0.102128014	-1.390963e-01	0.385191606
## FALSE_3440	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3441	3.502326235	9.324512e-01	1.169388361
## FALSE_3442	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3443	-0.102128014	9.824038e-01	-0.399005150
## FALSE_3444	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3445	-0.102128014	-2.489921e-01	-0.399005150
## FALSE_3446	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3447	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3448	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3449	2.300841486	-3.107916e-02	-0.399005150
## FALSE_3450	0.498614361	6.780771e-01	-0.399005150
## FALSE_3451	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3452	-0.402499201	-3.588878e-01	-0.399005150
## FALSE_3453	1.399727924	4.426791e-01	-0.399005150

## FALSE_3454	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3455	-0.102128014	1.444529e+00	-0.399005150
## FALSE_3456	-0.702870388	-4.603300e-01	1.953585117
## FALSE_3457	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3458	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3459	-0.102128014	4.296183e+00	-0.399005150
## FALSE_3460	0.198243174	-4.610764e-02	1.953585117
## FALSE_3461	-0.102128014	-3.851877e-01	-0.399005150
## TRUE_3462	0.498614361	1.368448e+00	-0.399005150
## FALSE_3463	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3464	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3465	1.399727924	4.385608e-01	-0.399005150
## FALSE_3466	-0.402499201	-2.518099e-01	-0.399005150
## FALSE_3467	0.498614361	-9.475723e-03	-0.399005150
## FALSE_3468	-0.402499201	-4.124268e-01	-0.399005150
## FALSE_3469	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3470	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3471	-0.402499201	8.978686e-01	-0.399005150
## FALSE_3472	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3473	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3474	4.103068610	1.144993e+00	-0.399005150
## TRUE_3475	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3476	1.399727924	-9.541983e-02	0.385191606
## FALSE_3477	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3478	-0.402499201	-4.490587e-01	-0.399005150
## TRUE_3479	0.498614361	-1.926353e-01	-0.399005150
## TRUE_3480	1.099356736	1.534893e-01	-0.399005150
## FALSE_3481	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3482	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3483	0.198243174	-3.162177e-01	0.385191606
## FALSE_3484	0.498614361	2.328585e-01	0.385191606
## FALSE_3485	-0.402499201	-1.898174e-01	-0.399005150
## FALSE_3486	-0.402499201	-9.964659e-02	-0.399005150
## TRUE_3487	0.498614361	-7.146819e-02	-0.399005150
## FALSE_3488	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3489	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3490	-0.102128014	-3.588878e-01	-0.399005150
## FALSE_3491	0.498614361	1.357176e+00	0.385191606
## FALSE_3492	-0.102128014	5.456387e-01	1.169388361
## FALSE_3493	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3494	-0.402499201	1.795635e-03	-0.399005150
## FALSE_3495	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3496	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3497	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3498	1.700099111	5.353066e-01	1.169388361
## FALSE_3499	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_3500	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3501	-0.402499201	1.895384e+00	1.953585117
## FALSE_3502	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3503	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3504	-0.402499201	-3.307094e-01	-0.399005150
## FALSE_3505	-0.402499201	-3.898841e-01	-0.399005150
## FALSE_3506	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3507	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_3508	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3509	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3510	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3511	0.798985549	-8.292740e-02	1.169388361
## FALSE_3512	-0.402499201	2.159514e-01	0.385191606
## FALSE_3513	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3514	0.798985549	-1.560034e-01	-0.399005150
## FALSE_3515	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3516	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3517	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3518	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3519	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3520	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3521	1.399727924	1.649494e+00	-0.399005150
## FALSE_3522	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3523	-0.402499201	-4.293338e-01	-0.399005150
## FALSE_3524	-0.702870388	-4.603300e-01	6.658765650
## FALSE_3525	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3526	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3527	1.099356736	1.647414e+00	-0.399005150
## FALSE_3528	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3529	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3530	-0.702870388	-4.603300e-01	1.169388361
## TRUE_3531	-0.402499201	-2.292672e-01	-0.399005150
## FALSE_3532	-0.402499201	-3.757949e-01	-0.399005150
## FALSE_3533	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3534	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_3535	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3536	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3537	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_3538	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3539	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3540	1.399727924	-1.524170e-01	0.385191606
## FALSE_3541	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3542	-0.402499201	-2.067245e-01	-0.399005150
## TRUE_3543	-0.102128014	-2.104816e-01	-0.399005150
## FALSE_3544	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3545	0.498614361	3.698801e+00	-0.399005150
## FALSE_3546	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3547	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3548	-0.402499201	-5.456115e-02	-0.399005150
## FALSE_3549	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3550	-0.402499201	-3.927019e-01	-0.399005150
## TRUE_3551	2.000470298	2.179234e+00	0.385191606
## FALSE_3552	0.798985549	-1.475499e-01	-0.399005150
## FALSE_3553	0.198243174	1.138324e+00	0.385191606
## FALSE_3554	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3555	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3556	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3557	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3558	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3559	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3561	-0.702870388	-4.603300e-01	-0.399005150

## TRUE_3562	1.700099111	2.835796e-01	-0.399005150
## FALSE_3563	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3564	0.198243174	1.088735e-01	-0.399005150
## FALSE_3565	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3566	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3567	-0.402499201	1.539590e-01	-0.399005150
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## FALSE_3569	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3571	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3572	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3573	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3575	-0.402499201	-3.391629e-01	1.169388361
## FALSE_3576	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3577	0.498614361	9.534203e-01	0.385191606
## FALSE_3578	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3579	1.099356736	2.611115e+00	2.737781872
## FALSE_3580	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3581	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3582	1.099356736	-1.221893e-01	-0.399005150
## TRUE_3583	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3585	0.198243174	-2.501192e-01	2.737781872
## FALSE_3586	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3588	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3590	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3595	0.198243174	2.103158e-01	0.385191606
## FALSE_3596	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3597	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3598	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3599	-0.102128014	-4.208803e-01	-0.399005150
## FALSE_3600	-0.402499201	-9.401091e-02	-0.399005150
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## FALSE_3608	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3609	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3610	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3611	-0.102128014	-2.489921e-01	-0.399005150
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## FALSE_3613	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3614	1.099356736	1.224738e+00	0.385191606
## FALSE_3615	-0.702870388	-4.603300e-01	0.385191606

## FALSE_3616	-0.402499201	-4.603300e-01	0.385191606
## FALSE_3617	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3618	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3619	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3620	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3621	1.099356736	6.660594e-02	-0.399005150
## FALSE_3622	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3623	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3624	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3625	-0.102128014	-8.273955e-02	-0.399005150
## FALSE_3626	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3627	2.901583861	9.591096e-01	-0.399005150
## FALSE_3628	0.198243174	2.215871e-01	-0.399005150
## FALSE_3629	0.198243174	-6.019683e-02	1.953585117
## FALSE_3630	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3631	0.798985549	1.595946e-01	-0.399005150
## FALSE_3632	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3633	1.399727924	3.098794e-01	0.385191606
## FALSE_3634	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3635	-0.402499201	-4.152446e-01	-0.399005150
## FALSE_3636	2.601212673	4.817676e-01	4.306175383
## FALSE_3637	-0.102128014	-3.757949e-01	-0.399005150
## FALSE_3638	0.798985549	3.438813e-01	-0.399005150
## FALSE_3639	-0.102128014	1.821374e-01	-0.399005150
## FALSE_3640	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3641	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3642	0.198243174	2.433835e-02	-0.399005150
## FALSE_3643	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3644	0.798985549	3.681148e-01	-0.399005150
## FALSE_3645	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3646	0.498614361	-1.954531e-01	-0.399005150
## FALSE_3647	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3648	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3649	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3650	1.700099111	1.100002e+00	-0.399005150
## FALSE_3651	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3652	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3653	-0.102128014	2.835796e-01	-0.399005150
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## FALSE_3656	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3657	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3658	0.198243174	-3.307094e-01	-0.399005150
## FALSE_3659	0.798985549	6.985811e+00	-0.399005150
## FALSE_3660	1.399727924	6.137364e-01	1.169388361
## TRUE_3661	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_3662	0.498614361	-8.273955e-02	-0.399005150
## FALSE_3663	0.498614361	2.779439e-01	0.385191606
## FALSE_3664	-0.102128014	-2.010888e-01	-0.399005150
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## FALSE_3666	-0.402499201	-2.638276e-02	0.385191606
## FALSE_3667	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3668	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3669	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_3670	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3671	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3672	-0.102128014	-4.208803e-01	-0.399005150
## FALSE_3673	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3674	-0.102128014	-3.757949e-01	-0.399005150
## FALSE_3675	1.399727924	1.781731e+00	-0.399005150
## FALSE_3676	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3677	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3678	0.198243174	9.542254e-01	1.169388361
## FALSE_3679	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3680	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3681	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3682	0.198243174	6.837128e-01	-0.399005150
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## FALSE_3685	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3686	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3688	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3689	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3690	0.198243174	-3.344665e-01	0.385191606
## FALSE_3691	0.798985549	-1.560034e-01	-0.399005150
## FALSE_3692	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3695	-0.102128014	-3.138024e-01	1.953585117
## FALSE_3696	0.498614361	4.969891e-02	-0.399005150
## FALSE_3697	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3698	2.000470298	4.397818e-01	0.385191606
## FALSE_3699	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3700	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3701	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3702	-0.402499201	-3.588878e-01	0.385191606
## FALSE_3703	-0.102128014	4.188359e-01	0.385191606
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## FALSE_3705	0.498614361	3.861296e+00	-0.399005150
## FALSE_3706	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3707	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3708	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3709	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3710	0.498614361	1.335573e+00	-0.399005150
## FALSE_3711	1.099356736	-1.052823e-01	0.385191606
## FALSE_3712	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3713	-0.402499201	-3.814305e-01	-0.399005150
## FALSE_3714	-0.402499201	-4.299841e-01	-0.399005150
## FALSE_3715	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3716	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3717	-0.402499201	-3.757949e-01	-0.399005150
## TRUE_3718	0.498614361	3.709326e-01	0.385191606
## FALSE_3719	-0.102128014	-4.039732e-01	0.385191606
## FALSE_3720	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3721	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3722	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3723	-0.702870388	-4.603300e-01	-0.399005150

## TRUE_3724	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3725	0.798985549	2.790710e-01	1.953585117
## FALSE_3726	0.198243174	-1.137358e-01	-0.399005150
## FALSE_3727	-0.102128014	1.715042e+00	0.385191606
## FALSE_3728	0.198243174	5.512743e-01	-0.399005150
## FALSE_3729	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3730	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3731	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3732	-0.402499201	-2.039066e-01	1.953585117
## FALSE_3733	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3737	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_3742	-0.402499201	-1.841818e-01	-0.399005150
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## FALSE_3744	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3745	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3746	-0.102128014	8.076977e-01	-0.399005150
## FALSE_3747	1.399727924	1.483233e-01	1.169388361
## FALSE_3748	-0.102128014	4.688107e-02	-0.399005150
## FALSE_3749	-0.102128014	1.306699e-02	-0.399005150
## FALSE_3750	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3751	0.798985549	-2.743526e-01	-0.399005150
## FALSE_3752	0.498614361	1.618296e+00	-0.399005150
## FALSE_3753	0.798985549	-4.610764e-02	0.385191606
## FALSE_3754	0.798985549	-7.334675e-02	-0.399005150
## FALSE_3755	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3756	0.198243174	-2.067245e-01	0.385191606
## FALSE_3757	1.700099111	4.268005e+00	-0.399005150
## FALSE_3758	2.901583861	1.808031e+00	-0.399005150
## FALSE_3759	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3760	-0.402499201	-2.743526e-01	-0.399005150
## FALSE_3761	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_3762	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3763	-0.402499201	-1.729104e-01	1.169388361
## FALSE_3764	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3765	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3766	-0.402499201	-2.856240e-01	-0.399005150
## FALSE_3767	-0.102128014	-3.401022e-01	-0.399005150
## FALSE_3768	1.099356736	-5.737899e-02	0.385191606
## FALSE_3769	1.399727924	-1.729104e-01	1.953585117
## FALSE_3770	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3771	-0.102128014	-5.174331e-02	-0.399005150
## FALSE_3772	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3773	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3774	-0.102128014	-5.850613e-02	-0.399005150
## FALSE_3775	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3776	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3777	-0.402499201	-4.603300e-01	-0.399005150

## FALSE_3778	0.798985549	-2.518099e-01	0.385191606
## FALSE_3779	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3780	-0.102128014	-2.912597e-01	0.385191606
## FALSE_3781	-0.102128014	-3.307094e-01	-0.399005150
## FALSE_3782	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3783	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3784	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3785	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3786	-0.102128014	1.314163e-01	-0.399005150
## FALSE_3787	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3788	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3789	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3790	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3791	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3792	-0.402499201	-3.447986e-01	0.385191606
## FALSE_3793	-0.402499201	-2.461742e-01	-0.399005150
## FALSE_3794	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_3795	0.798985549	1.727446e-01	-0.399005150
## FALSE_3796	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3797	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3798	1.099356736	9.230413e-01	-0.399005150
## FALSE_3799	0.798985549	2.527763e-02	0.385191606
## FALSE_3800	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3801	-0.402499201	-4.039732e-01	1.953585117
## FALSE_3802	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3803	0.498614361	1.285984e-01	0.385191606
## FALSE_3804	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3805	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3806	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3807	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3808	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3809	2.000470298	5.371851e-01	1.169388361
## TRUE_3810	-0.702870388	-4.603300e-01	3.521978628
## FALSE_3811	0.798985549	2.694904e-01	-0.399005150
## FALSE_3812	0.198243174	-1.672747e-01	-0.399005150
## FALSE_3813	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3814	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3815	-0.102128014	-3.166202e-01	-0.399005150
## FALSE_3816	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3817	-0.102128014	3.138295e-02	-0.399005150
## FALSE_3818	0.498614361	-1.362785e-01	-0.399005150
## FALSE_3819	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3820	0.798985549	-1.747890e-01	-0.399005150
## FALSE_3821	0.798985549	-2.292672e-01	0.385191606
## TRUE_3822	1.700099111	1.199377e+00	1.953585117
## FALSE_3823	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3824	0.498614361	1.579786e+00	0.385191606
## FALSE_3825	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3826	1.399727924	8.069514e-02	1.953585117
## FALSE_3827	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3828	0.498614361	4.244716e-01	-0.399005150
## FALSE_3829	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3830	1.700099111	4.165435e+00	0.385191606
## FALSE_3831	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_3832	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3833	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3834	1.700099111	4.244716e-01	2.737781872
## FALSE_3835	0.498614361	1.325241e+00	0.385191606
## FALSE_3836	-0.102128014	-3.645235e-01	-0.399005150
## FALSE_3837	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3838	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3839	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3840	-0.102128014	8.640545e-01	-0.399005150
## TRUE_3841	2.000470298	1.607964e+00	-0.399005150
## FALSE_3842	0.498614361	-1.728020e-01	-0.399005150
## TRUE_3843	0.498614361	4.695570e-01	-0.399005150
## TRUE_3844	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3845	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3846	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3847	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3848	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3849	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3850	1.099356736	5.259138e-01	-0.399005150
## FALSE_3851	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3852	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3853	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3854	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3855	0.198243174	-2.452350e-01	-0.399005150
## FALSE_3856	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3857	3.502326235	1.654619e+00	-0.399005150
## FALSE_3858	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_3859	0.198243174	3.455720e-01	1.169388361
## FALSE_3860	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3861	2.000470298	3.230293e-01	0.385191606
## TRUE_3862	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_3863	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3864	-0.402499201	-4.152446e-01	-0.399005150
## TRUE_3865	0.798985549	8.210406e-02	-0.399005150
## FALSE_3866	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3867	-0.402499201	-5.456115e-02	0.385191606
## FALSE_3868	1.099356736	-2.311458e-01	-0.399005150
## FALSE_3869	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3870	-0.102128014	-4.603300e-01	-0.399005150
## FALSE_3871	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3872	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3873	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3874	-0.102128014	-2.442957e-01	-0.399005150
## FALSE_3875	-0.702870388	-4.603300e-01	5.874568895
## FALSE_3876	0.798985549	1.858945e-01	-0.399005150
## FALSE_3877	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3878	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3879	-0.402499201	-4.096089e-01	0.385191606
## FALSE_3880	1.099356736	3.416271e-01	-0.399005150
## FALSE_3881	-0.102128014	5.540922e-01	1.953585117
## FALSE_3882	-0.102128014	2.997403e-02	-0.399005150
## FALSE_3883	0.798985549	1.451104e+00	-0.399005150
## FALSE_3884	-0.102128014	2.892153e-01	-0.399005150
## FALSE_3885	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_3886	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3887	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3888	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3889	0.198243174	-9.964659e-02	-0.399005150
## FALSE_3890	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3891	-0.702870388	-4.603300e-01	0.385191606
## TRUE_3892	-0.402499201	-3.222559e-01	-0.399005150
## FALSE_3893	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3894	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3895	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3896	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3897	1.700099111	-2.292672e-01	-0.399005150
## FALSE_3898	-0.102128014	-1.022204e-03	0.385191606
## FALSE_3899	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3900	2.000470298	7.752926e-01	1.169388361
## FALSE_3901	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3902	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3903	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3904	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3905	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3906	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_3907	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3908	-0.702870388	-4.603300e-01	1.169388361
## FALSE_3909	-0.402499201	-2.630813e-01	-0.399005150
## FALSE_3910	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3911	1.399727924	-1.905638e-02	3.521978628
## TRUE_3912	0.498614361	2.159514e-01	2.737781872
## FALSE_3913	-0.402499201	-4.321516e-01	-0.399005150
## TRUE_3914	-0.702870388	-4.603300e-01	1.953585117
## FALSE_3915	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3916	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3917	-0.102128014	-3.724134e-01	-0.399005150
## FALSE_3918	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3919	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3920	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3921	1.700099111	1.004007e+00	-0.399005150
## FALSE_3922	-0.402499201	-4.321516e-01	-0.399005150
## TRUE_3923	-0.402499201	-3.757949e-01	-0.399005150
## FALSE_3924	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3925	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3926	1.099356736	3.560971e-02	-0.399005150
## FALSE_3927	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3928	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3929	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3930	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3931	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3932	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3933	0.798985549	1.731949e+00	-0.399005150
## FALSE_3934	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3935	0.498614361	2.300406e-01	-0.399005150
## FALSE_3936	-0.102128014	2.554012e-01	-0.399005150
## FALSE_3937	-0.402499201	-4.603300e-01	0.385191606
## FALSE_3938	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3939	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_3940	-0.102128014	3.230293e-01	0.385191606
## FALSE_3941	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3942	0.198243174	-1.792924e-02	-0.399005150
## FALSE_3943	-0.102128014	8.069514e-02	1.169388361
## FALSE_3944	-0.102128014	4.526499e-01	-0.399005150
## FALSE_3945	0.498614361	-2.273886e-01	-0.399005150
## FALSE_3946	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3947	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3948	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3949	-0.402499201	-7.146819e-02	0.385191606
## TRUE_3950	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3951	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3952	0.198243174	-1.898174e-01	-0.399005150
## FALSE_3953	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3954	-0.102128014	1.588483e-02	-0.399005150
## FALSE_3955	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3956	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3957	0.498614361	1.870267e-02	-0.399005150
## FALSE_3958	0.198243174	-5.174331e-02	2.737781872
## FALSE_3959	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3960	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3961	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3962	-0.102128014	-4.321516e-01	-0.399005150
## FALSE_3963	-0.102128014	-4.892548e-02	-0.399005150
## FALSE_3964	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3965	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3966	0.798985549	-2.588545e-01	-0.399005150
## FALSE_3967	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3968	1.700099111	3.822040e-01	-0.399005150
## FALSE_3969	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3970	0.198243174	5.533458e-02	-0.399005150
## FALSE_3971	0.798985549	2.009230e-01	2.737781872
## FALSE_3972	3.201955048	1.728004e+00	5.874568895
## FALSE_3973	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3974	-0.402499201	-3.081667e-01	1.169388361
## FALSE_3975	1.700099111	9.208809e-01	0.385191606
## TRUE_3976	0.198243174	-3.870662e-01	-0.399005150
## FALSE_3977	-0.702870388	-4.603300e-01	0.385191606
## FALSE_3978	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3979	0.498614361	7.457053e-01	0.385191606
## FALSE_3980	0.198243174	9.760218e-02	-0.399005150
## FALSE_3981	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3982	0.798985549	-1.644569e-01	-0.399005150
## FALSE_3983	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3984	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3985	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3986	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3987	0.798985549	3.427542e-01	0.385191606
## TRUE_3988	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_3989	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3990	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3991	0.198243174	-2.518099e-01	0.385191606
## FALSE_3992	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_3993	-0.702870388	-4.603300e-01	-0.399005150

## TRUE_3994	0.798985549	2.599844e+00	4.306175383
## TRUE_3995	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3996	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3997	0.798985549	-1.511140e-02	0.385191606
## FALSE_3998	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_3999	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4000	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4001	1.700099111	3.465113e-01	0.385191606
## FALSE_4002	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4003	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4004	-0.102128014	3.698801e+00	-0.399005150
## FALSE_4005	0.498614361	2.835796e-01	-0.399005150
## FALSE_4006	-0.102128014	-4.086696e-01	1.169388361
## FALSE_4007	1.700099111	9.213506e-01	1.169388361
## FALSE_4008	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4009	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4010	1.700099111	9.288648e-01	-0.399005150
## FALSE_4011	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4012	0.498614361	-9.307163e-02	-0.399005150
## TRUE_4013	1.399727924	4.239080e-01	-0.399005150
## TRUE_4014	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4015	0.498614361	-4.208215e-02	-0.399005150
## FALSE_4016	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4017	0.798985549	7.275458e-01	1.953585117
## FALSE_4018	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4019	-0.702870388	-4.603300e-01	5.090372139
## FALSE_4020	0.198243174	5.909170e-02	0.385191606
## FALSE_4021	0.198243174	1.145092e-01	-0.399005150
## FALSE_4022	-0.402499201	-2.518099e-01	-0.399005150
## FALSE_4023	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4024	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4025	-0.102128014	-1.729104e-01	-0.399005150
## FALSE_4026	0.198243174	4.976152e-02	-0.399005150
## FALSE_4027	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4028	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_4029	1.700099111	5.822706e-01	-0.399005150
## FALSE_4030	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4031	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4032	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4033	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4034	-0.402499201	-3.419808e-01	-0.399005150
## FALSE_4035	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4036	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4037	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4038	0.198243174	2.779439e-01	-0.399005150
## FALSE_4039	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4040	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4041	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4042	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4043	0.498614361	4.695570e-01	-0.399005150
## FALSE_4044	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_4045	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_4046	0.198243174	-2.912597e-01	-0.399005150
## FALSE_4047	0.198243174	7.936085e-01	-0.399005150

## FALSE_4048	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4049	-0.102128014	-4.124268e-01	-0.399005150
## FALSE_4050	3.802697423	3.155159e+00	1.953585117
## FALSE_4051	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4052	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4053	2.300841486	4.137069e+00	1.953585117
## FALSE_4054	1.399727924	2.619761e-01	0.385191606
## FALSE_4055	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4056	1.099356736	6.865306e-01	-0.399005150
## TRUE_4057	2.300841486	6.705436e+00	-0.399005150
## FALSE_4058	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4059	2.601212673	2.324635e+00	2.737781872
## FALSE_4060	3.201955048	1.303825e+00	-0.399005150
## FALSE_4061	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4062	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4063	0.198243174	-1.154466e-01	-0.399005150
## FALSE_4064	-0.102128014	-4.039732e-01	3.521978628
## FALSE_4065	0.198243174	2.932349e+00	-0.399005150
## FALSE_4066	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4067	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4068	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4069	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4070	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4071	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4072	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4073	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4074	0.198243174	-3.532521e-01	-0.399005150
## TRUE_4075	2.601212673	4.248003e-01	3.521978628
## FALSE_4076	0.498614361	6.865306e-01	-0.399005150
## FALSE_4077	1.099356736	1.004200e-01	-0.399005150
## FALSE_4078	-0.102128014	1.114842e+00	-0.399005150
## TRUE_4079	2.601212673	1.426213e+00	-0.399005150
## FALSE_4080	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4081	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4082	0.498614361	3.540256e-01	-0.399005150
## FALSE_4083	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4084	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4085	-0.102128014	1.131749e+00	-0.399005150
## FALSE_4086	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4087	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4088	-0.102128014	-1.992102e-01	-0.399005150
## FALSE_4089	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4090	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4091	0.798985549	1.352480e+00	5.090372139
## TRUE_4092	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4093	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4094	-0.102128014	-2.968953e-01	-0.399005150
## FALSE_4095	1.399727924	1.682411e-02	1.169388361
## FALSE_4096	0.198243174	-1.560034e-01	-0.399005150
## FALSE_4097	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4098	0.498614361	6.942378e-02	-0.399005150
## FALSE_4099	-0.402499201	-6.583251e-02	-0.399005150
## FALSE_4100	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4101	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4102	2.300841486	9.705688e-01	5.090372139
## FALSE_4103	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4104	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4105	-0.102128014	-2.123602e-01	1.169388361
## FALSE_4106	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4107	1.399727924	1.356430e-01	-0.399005150
## FALSE_4108	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4109	1.700099111	2.018622e-01	-0.399005150
## FALSE_4110	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4111	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4112	-0.402499201	2.425138e+00	-0.399005150
## FALSE_4113	-0.102128014	1.032379e-01	0.385191606
## FALSE_4114	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4115	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4116	2.300841486	6.442630e-01	-0.399005150
## FALSE_4117	4.403439798	5.038684e+00	-0.399005150
## FALSE_4118	-0.402499201	-4.208803e-01	0.385191606
## FALSE_4119	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4120	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4121	-0.102128014	3.500806e-01	0.385191606
## FALSE_4122	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4123	0.198243174	-2.799883e-01	-0.399005150
## FALSE_4124	1.399727924	2.704297e-01	1.953585117
## FALSE_4125	2.300841486	1.363094e+00	-0.399005150
## TRUE_4126	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4127	0.498614361	6.583522e-01	-0.399005150
## TRUE_4128	0.498614361	4.033378e-01	-0.399005150
## FALSE_4129	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4130	-0.402499201	-4.603300e-01	1.169388361
## FALSE_4131	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4132	0.798985549	9.760218e-02	-0.399005150
## FALSE_4133	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_4134	0.498614361	1.567768e-01	-0.399005150
## FALSE_4135	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4136	1.399727924	7.849479e+00	1.169388361
## FALSE_4137	-0.102128014	-2.461742e-01	-0.399005150
## FALSE_4138	0.798985549	-4.892548e-02	-0.399005150
## FALSE_4139	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4140	0.198243174	-3.513736e-01	-0.399005150
## FALSE_4141	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4142	2.300841486	2.155470e+00	2.737781872
## FALSE_4143	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4144	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4145	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4146	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4147	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4148	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4149	1.099356736	2.489009e+00	1.953585117
## FALSE_4150	1.099356736	4.554678e-01	-0.399005150
## FALSE_4151	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4152	-0.102128014	-2.236315e-01	-0.399005150
## FALSE_4153	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4154	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4155	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4156	-0.102128014	5.146424e-01	-0.399005150
## FALSE_4157	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4158	0.198243174	-2.067245e-01	-0.399005150
## FALSE_4159	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4160	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4161	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4162	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4163	1.700099111	-2.638276e-02	-0.399005150
## FALSE_4164	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4165	0.498614361	9.196650e-02	0.385191606
## FALSE_4166	-0.402499201	-3.757949e-01	-0.399005150
## FALSE_4167	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4168	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4169	1.700099111	-2.850604e-01	8.227159161
## FALSE_4170	0.498614361	-3.107916e-02	-0.399005150
## FALSE_4171	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4172	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4173	2.000470298	1.228307e+00	2.737781872
## TRUE_4174	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4175	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4176	1.700099111	1.980483e+00	1.169388361
## FALSE_4177	0.198243174	-2.612027e-01	-0.399005150
## FALSE_4178	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4179	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4180	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4181	-0.402499201	-3.814305e-01	-0.399005150
## FALSE_4182	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4183	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4184	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4185	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4186	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4187	-0.102128014	-4.039732e-01	0.385191606
## FALSE_4188	1.099356736	3.305436e-01	-0.399005150
## TRUE_4189	0.498614361	2.554012e-01	-0.399005150
## FALSE_4190	0.798985549	6.668057e-01	0.385191606
## TRUE_4191	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4192	0.498614361	-2.095423e-01	-0.399005150
## FALSE_4193	0.498614361	-1.052823e-01	-0.399005150
## FALSE_4194	0.798985549	-2.356492e-02	-0.399005150
## FALSE_4195	0.198243174	1.061303e+00	0.385191606
## FALSE_4196	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4197	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4198	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4199	2.000470298	1.313357e-01	-0.399005150
## FALSE_4200	0.198243174	1.990444e-01	-0.399005150
## TRUE_4201	1.700099111	-1.362785e-01	-0.399005150
## FALSE_4202	-0.102128014	1.291561e+00	1.953585117
## FALSE_4203	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_4204	-0.102128014	3.560971e-02	1.169388361
## FALSE_4205	1.700099111	3.666396e+00	-0.399005150
## FALSE_4206	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4207	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4208	0.498614361	2.525833e-01	-0.399005150
## FALSE_4209	-0.402499201	-4.096089e-01	-0.399005150

## FALSE_4210	2.300841486	3.258472e-01	-0.399005150
## FALSE_4211	-0.402499201	-2.236315e-01	0.385191606
## FALSE_4212	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4213	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4214	2.000470298	7.612034e-01	-0.399005150
## FALSE_4215	1.700099111	1.352104e+00	-0.399005150
## FALSE_4216	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_4217	2.000470298	3.293032e+00	-0.399005150
## FALSE_4218	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4219	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4220	1.700099111	1.414472e+00	5.874568895
## FALSE_4221	-0.102128014	1.877730e-01	3.521978628
## FALSE_4222	0.198243174	-3.645235e-01	-0.399005150
## FALSE_4223	-0.102128014	-2.067245e-01	-0.399005150
## TRUE_4224	0.198243174	-1.278250e-01	-0.399005150
## FALSE_4225	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4226	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_4227	0.798985549	3.264854e+00	1.953585117
## FALSE_4228	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4229	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4230	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4231	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4232	-0.402499201	-3.250737e-01	-0.399005150
## FALSE_4233	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4234	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4235	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4236	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4237	0.498614361	9.993108e-01	0.385191606
## FALSE_4238	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4239	0.498614361	-2.010888e-01	0.385191606
## FALSE_4240	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4241	3.802697423	2.874096e+00	-0.399005150
## FALSE_4242	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4243	1.700099111	8.293012e-01	0.385191606
## FALSE_4244	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4245	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4246	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4247	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4248	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4249	-0.402499201	-3.588878e-01	-0.399005150
## TRUE_4250	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4251	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4252	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4253	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4254	0.498614361	7.851550e-01	-0.399005150
## TRUE_4255	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4256	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4257	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4258	3.802697423	1.626421e+00	9.011355917
## FALSE_4259	1.099356736	-2.664627e-01	-0.399005150
## TRUE_4260	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4261	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4262	1.099356736	6.686843e-01	-0.399005150
## FALSE_4263	1.399727924	7.475838e-01	3.521978628

## FALSE_4264	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4265	2.000470298	7.141455e-01	-0.399005150
## FALSE_4266	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4267	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4268	2.000470298	3.931868e+00	2.737781872
## FALSE_4269	-0.402499201	-4.067911e-01	-0.399005150
## FALSE_4270	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4271	1.700099111	5.101339e-01	-0.399005150
## FALSE_4272	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4273	2.000470298	-9.914932e-02	0.385191606
## FALSE_4274	0.498614361	4.446661e-01	0.385191606
## FALSE_4275	0.798985549	-1.109179e-01	-0.399005150
## FALSE_4276	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4277	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4278	-0.102128014	-8.273955e-02	-0.399005150
## FALSE_4279	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4280	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4281	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4282	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4283	0.798985549	1.019036e+00	-0.399005150
## FALSE_4284	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4285	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4286	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4287	-0.102128014	-2.377207e-01	2.737781872
## FALSE_4288	0.498614361	2.997403e-02	-0.399005150
## FALSE_4289	0.498614361	9.147756e-01	-0.399005150
## FALSE_4290	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4291	-0.402499201	-3.419808e-01	-0.399005150
## FALSE_4292	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4293	2.300841486	1.190924e+00	-0.399005150
## FALSE_4294	1.399727924	1.459245e+00	1.169388361
## FALSE_4295	0.198243174	-2.884418e-01	-0.399005150
## FALSE_4296	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_4297	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4298	0.498614361	4.406323e-02	-0.399005150
## TRUE_4299	1.700099111	3.121807e-01	-0.399005150
## FALSE_4300	1.399727924	4.272894e-01	0.385191606
## TRUE_4301	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4302	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4303	0.498614361	-2.067245e-01	-0.399005150
## FALSE_4304	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4305	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4306	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4307	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4308	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4309	-0.102128014	3.560971e-02	-0.399005150
## FALSE_4310	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4311	-0.402499201	2.997403e-02	-0.399005150
## FALSE_4312	0.198243174	1.370519e-01	-0.399005150
## TRUE_4313	2.000470298	3.633239e+00	-0.399005150
## FALSE_4314	-0.402499201	-4.152446e-01	-0.399005150
## FALSE_4315	-0.402499201	-2.142387e-01	-0.399005150
## FALSE_4316	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4317	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4318	3.502326235	6.651427e+00	9.011355917
## FALSE_4319	0.198243174	-4.328980e-02	-0.399005150
## FALSE_4320	-0.102128014	-1.278250e-01	-0.399005150
## FALSE_4321	-0.102128014	-2.799883e-01	1.169388361
## FALSE_4322	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4323	1.399727924	2.356763e-01	-0.399005150
## FALSE_4324	0.498614361	-1.221893e-01	1.169388361
## FALSE_4325	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4326	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4327	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4328	1.099356736	8.020620e-01	-0.399005150
## FALSE_4329	1.700099111	-5.643971e-02	-0.399005150
## FALSE_4330	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4331	-0.102128014	-3.025310e-01	-0.399005150
## FALSE_4332	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4333	0.498614361	-1.137358e-01	-0.399005150
## FALSE_4334	-0.402499201	-4.490587e-01	0.385191606
## FALSE_4335	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4336	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4337	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4338	4.103068610	3.882524e+00	-0.399005150
## FALSE_4339	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4340	-0.402499201	1.088735e-01	-0.399005150
## FALSE_4341	1.099356736	5.927905e-01	-0.399005150
## FALSE_4342	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4343	-0.102128014	-1.588212e-01	-0.399005150
## FALSE_4344	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4345	0.498614361	5.552754e-03	-0.399005150
## TRUE_4346	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4347	2.300841486	8.747623e-01	-0.399005150
## FALSE_4348	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4349	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4350	0.798985549	-2.405386e-01	1.169388361
## FALSE_4351	-0.402499201	6.329917e-01	-0.399005150
## FALSE_4352	-0.102128014	-2.123602e-01	-0.399005150
## FALSE_4353	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4354	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4355	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4356	2.000470298	1.929198e+00	-0.399005150
## FALSE_4357	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4358	1.700099111	-1.081001e-01	-0.399005150
## FALSE_4359	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4360	0.498614361	2.976688e-01	1.169388361
## FALSE_4361	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4362	1.099356736	9.697235e-01	1.953585117
## FALSE_4363	0.798985549	-3.013988e-02	1.169388361
## FALSE_4364	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4365	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4366	0.498614361	4.301072e-01	-0.399005150
## FALSE_4367	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4368	0.198243174	-1.616391e-01	-0.399005150
## TRUE_4369	1.399727924	4.484232e-01	0.385191606
## FALSE_4370	-0.102128014	2.196893e+00	3.521978628
## FALSE_4371	2.300841486	-1.081001e-01	0.385191606

## FALSE_4372	0.198243174	3.033045e-01	-0.399005150
## TRUE_4373	-0.702870388	-4.603300e-01	0.385191606
## TRUE_4374	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4375	0.198243174	-9.475723e-03	0.385191606
## FALSE_4376	0.498614361	-3.765412e-02	-0.399005150
## FALSE_4377	-0.102128014	-1.390963e-01	-0.399005150
## FALSE_4378	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4379	1.099356736	-3.765412e-02	-0.399005150
## TRUE_4380	-0.402499201	4.124539e-02	-0.399005150
## FALSE_4381	3.201955048	1.304150e+00	2.737781872
## TRUE_4382	0.198243174	3.149515e-01	1.169388361
## FALSE_4383	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4384	0.798985549	-1.950506e-01	-0.399005150
## TRUE_4385	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4386	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4387	1.099356736	2.835796e-01	0.385191606
## FALSE_4388	0.198243174	-2.010888e-01	1.953585117
## FALSE_4389	-0.102128014	1.078210e+00	0.385191606
## FALSE_4390	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4391	0.198243174	1.314163e-01	-0.399005150
## FALSE_4392	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_4393	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4394	0.198243174	1.539590e-01	-0.399005150
## FALSE_4395	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4396	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_4397	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4398	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4399	-0.102128014	-4.603300e-01	-0.399005150
## FALSE_4400	0.198243174	1.823059e+00	1.169388361
## FALSE_4401	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4402	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4403	0.198243174	-3.171838e-01	-0.399005150
## FALSE_4404	-0.402499201	-1.672747e-01	-0.399005150
## FALSE_4405	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4406	0.498614361	5.202781e-01	-0.399005150
## FALSE_4407	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4408	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4409	2.000470298	1.830104e+00	-0.399005150
## FALSE_4410	-0.402499201	-4.242617e-01	-0.399005150
## FALSE_4411	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4412	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4413	-0.402499201	-3.588878e-01	-0.399005150
## FALSE_4414	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4415	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4416	-0.402499201	-1.052823e-01	-0.399005150
## FALSE_4417	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4418	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4419	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4420	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4421	-0.102128014	5.484565e-01	0.385191606
## TRUE_4422	1.399727924	1.068818e+00	-0.399005150
## FALSE_4423	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4424	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4425	1.399727924	1.117660e+00	-0.399005150

## FALSE_4426	0.198243174	4.864640e-01	0.385191606
## FALSE_4427	0.198243174	-1.898174e-01	-0.399005150
## FALSE_4428	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4429	1.700099111	3.338118e+00	-0.399005150
## FALSE_4430	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4431	1.399727924	-2.320850e-01	-0.399005150
## FALSE_4432	-0.102128014	4.160927e+00	-0.399005150
## FALSE_4433	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4434	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4435	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4436	0.498614361	1.257806e-01	0.385191606
## FALSE_4437	-0.402499201	1.483233e-01	-0.399005150
## FALSE_4438	0.498614361	-9.682875e-02	-0.399005150
## FALSE_4439	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4440	-0.402499201	-3.588878e-01	-0.399005150
## FALSE_4441	2.000470298	9.816523e-01	-0.399005150
## FALSE_4442	0.198243174	7.175269e-01	-0.399005150
## FALSE_4443	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4444	-0.402499201	-2.518099e-01	-0.399005150
## FALSE_4445	5.905295735	1.053645e+01	0.385191606
## TRUE_4446	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4447	1.099356736	-6.301467e-02	1.169388361
## FALSE_4448	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4449	-0.402499201	2.835796e-01	-0.399005150
## FALSE_4450	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4451	3.201955048	1.335875e+00	0.385191606
## FALSE_4452	2.000470298	9.728908e-02	0.385191606
## FALSE_4453	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4454	0.798985549	7.541588e-01	-0.399005150
## TRUE_4455	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4456	-0.102128014	-3.645235e-01	1.169388361
## FALSE_4457	3.802697423	1.597319e+00	2.737781872
## FALSE_4458	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4459	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4460	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4461	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4462	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4463	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4464	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4465	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4466	0.498614361	1.306699e-02	1.953585117
## FALSE_4467	0.198243174	2.103158e-01	-0.399005150
## FALSE_4468	0.798985549	1.494555e-02	0.385191606
## FALSE_4469	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4470	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4471	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4472	0.198243174	2.046801e-01	-0.399005150
## FALSE_4473	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4474	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4475	0.498614361	-2.574456e-01	-0.399005150
## FALSE_4476	1.099356736	1.483233e-01	1.169388361
## FALSE_4477	-0.102128014	-4.039732e-01	0.385191606
## FALSE_4478	0.198243174	1.664321e+00	-0.399005150
## FALSE_4479	-0.102128014	-2.743526e-01	-0.399005150

## FALSE_4480	0.498614361	4.132002e-01	-0.399005150
## FALSE_4481	0.198243174	-3.645235e-01	-0.399005150
## TRUE_4482	0.798985549	3.061223e-01	-0.399005150
## FALSE_4483	-0.402499201	-4.377873e-01	-0.399005150
## TRUE_4484	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4485	1.099356736	9.666290e-02	0.385191606
## FALSE_4486	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4487	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4488	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4489	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4490	-0.402499201	-2.179958e-01	-0.399005150
## FALSE_4491	2.901583861	3.109873e+00	-0.399005150
## FALSE_4492	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4493	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4494	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4495	-0.402499201	-3.307094e-01	1.169388361
## FALSE_4496	-0.702870388	-4.603300e-01	1.953585117
## FALSE_4497	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4498	-0.102128014	-2.067245e-01	1.169388361
## TRUE_4499	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4500	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4501	-0.102128014	-1.729104e-01	-0.399005150
## FALSE_4502	0.798985549	-1.935746e-01	-0.399005150
## FALSE_4503	0.198243174	-4.610764e-02	5.874568895
## FALSE_4504	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4505	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4506	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4507	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4508	0.798985549	1.586554e-01	0.385191606
## FALSE_4509	0.198243174	3.701055e+00	-0.399005150
## FALSE_4510	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4511	1.700099111	5.437601e-01	0.385191606
## FALSE_4512	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4513	0.498614361	5.160513e-01	-0.399005150
## FALSE_4514	-0.702870388	-4.603300e-01	1.953585117
## FALSE_4515	1.099356736	1.173271e-01	0.385191606
## FALSE_4516	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4517	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4518	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4519	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4520	1.099356736	1.125174e+00	1.953585117
## FALSE_4521	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4522	0.198243174	-3.765412e-02	-0.399005150
## FALSE_4523	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4524	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4525	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4526	0.198243174	2.442045e+00	-0.399005150
## FALSE_4527	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4528	0.198243174	6.386274e-01	-0.399005150
## FALSE_4529	-0.102128014	-2.837454e-01	1.169388361
## FALSE_4530	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4531	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4532	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4533	0.498614361	5.709992e-01	0.385191606

## FALSE_4534	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4535	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4536	2.601212673	5.536032e+00	0.385191606
## FALSE_4537	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4538	2.000470298	7.133940e-01	-0.399005150
## FALSE_4539	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4540	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4541	0.198243174	-3.786127e-01	-0.399005150
## FALSE_4542	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4543	0.498614361	1.708660e-01	-0.399005150
## FALSE_4544	0.498614361	1.201449e-01	-0.399005150
## FALSE_4545	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4546	0.798985549	-6.865035e-02	-0.399005150
## FALSE_4547	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4548	0.198243174	1.425368e+00	-0.399005150
## FALSE_4549	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4550	-0.102128014	-2.968953e-01	0.385191606
## FALSE_4551	0.798985549	1.883992e-01	1.169388361
## FALSE_4552	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4553	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_4555	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4556	-0.102128014	-1.691533e-01	-0.399005150
## FALSE_4557	0.798985549	-1.849281e-02	-0.399005150
## TRUE_4558	-0.102128014	-1.334607e-01	-0.399005150
## FALSE_4559	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4560	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4561	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4562	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4563	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_4565	1.700099111	-1.743193e-01	0.385191606
## FALSE_4566	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4567	0.498614361	-3.757949e-01	0.385191606
## FALSE_4568	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4569	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4570	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4571	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4572	0.498614361	9.924592e-02	-0.399005150
## FALSE_4573	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4575	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4576	0.198243174	9.760218e-02	-0.399005150
## FALSE_4577	1.399727924	3.057461e+00	1.953585117
## FALSE_4578	0.198243174	8.069514e-02	-0.399005150
## FALSE_4579	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4580	1.099356736	6.750521e+00	-0.399005150
## FALSE_4581	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4582	0.198243174	-2.687170e-01	0.385191606
## FALSE_4583	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4584	-0.402499201	5.202781e-01	-0.399005150
## FALSE_4585	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4586	1.099356736	-1.831486e-01	-0.399005150
## FALSE_4587	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4588	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4589	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_4591	-0.102128014	-3.757949e-01	-0.399005150
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## FALSE_4593	0.798985549	5.533458e-02	-0.399005150
## TRUE_4594	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_4598	1.700099111	8.274226e-01	-0.399005150
## FALSE_4599	2.300841486	1.050971e+00	-0.399005150
## FALSE_4600	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4601	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4602	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4603	-0.402499201	-1.560034e-01	-0.399005150
## FALSE_4604	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4605	1.399727924	3.725713e-01	1.169388361
## FALSE_4606	0.498614361	3.385945e-01	-0.399005150
## FALSE_4607	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4608	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4609	2.601212673	3.119166e-03	-0.399005150
## FALSE_4610	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4611	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4612	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4613	1.399727924	7.425117e-01	-0.399005150
## TRUE_4614	0.798985549	5.315495e-01	-0.399005150
## FALSE_4615	0.798985549	2.098268e+00	0.385191606
## FALSE_4616	4.103068610	1.308522e+00	1.953585117
## FALSE_4617	0.198243174	-3.183109e-01	-0.399005150
## FALSE_4618	0.198243174	3.962932e-01	-0.399005150
## FALSE_4619	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4620	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4621	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4622	-0.402499201	-2.334940e-01	-0.399005150
## FALSE_4623	0.198243174	-2.377207e-01	1.169388361
## FALSE_4624	-0.402499201	-2.856240e-01	1.169388361
## FALSE_4625	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4626	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4627	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4628	0.798985549	-2.010888e-01	0.385191606
## FALSE_4629	-0.402499201	-2.799883e-01	-0.399005150
## FALSE_4630	0.798985549	-2.137691e-01	0.385191606
## FALSE_4631	0.498614361	5.653635e-01	-0.399005150
## FALSE_4632	0.798985549	9.418269e-01	2.737781872
## FALSE_4633	-0.402499201	-3.757949e-01	0.385191606
## FALSE_4634	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4635	3.201955048	6.060617e-01	1.953585117
## FALSE_4636	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4637	0.498614361	4.575393e-02	0.385191606
## FALSE_4638	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4639	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4640	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4641	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4642	0.198243174	-1.127965e-01	-0.399005150
## FALSE_4643	-0.402499201	1.088735e-01	-0.399005150
## FALSE_4644	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4645	-0.402499201	1.802588e-01	0.385191606
## FALSE_4646	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4647	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4648	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4649	-0.402499201	-3.513736e-01	0.385191606
## FALSE_4650	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4651	0.498614361	-3.765412e-02	-0.399005150
## FALSE_4652	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4653	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4654	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4655	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4656	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4657	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4658	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4659	0.198243174	-1.729104e-01	1.953585117
## FALSE_4660	1.399727924	5.118429e+00	-0.399005150
## FALSE_4661	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4662	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_4663	-0.102128014	-7.898243e-02	0.385191606
## FALSE_4664	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4665	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4666	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4667	0.498614361	1.219102e+00	0.385191606
## FALSE_4668	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4669	-0.102128014	1.426876e-01	-0.399005150
## FALSE_4670	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4671	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4672	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4673	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4674	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4675	0.198243174	-1.165536e-01	-0.399005150
## FALSE_4676	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4677	0.798985549	-3.262226e-02	-0.399005150
## FALSE_4678	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4679	0.198243174	-2.489921e-01	-0.399005150
## FALSE_4680	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4681	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4682	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4683	-0.402499201	-2.574456e-01	-0.399005150
## FALSE_4684	0.798985549	2.356763e-01	1.169388361
## TRUE_4685	-0.402499201	1.934087e-01	-0.399005150
## FALSE_4686	1.700099111	2.593462e-01	1.953585117
## FALSE_4687	-0.102128014	-1.560034e-01	-0.399005150
## FALSE_4688	-0.102128014	-3.250737e-01	-0.399005150
## FALSE_4689	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_4690	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4691	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4692	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4693	1.099356736	9.572362e-02	1.953585117
## FALSE_4694	-0.402499201	-2.856240e-01	1.169388361
## FALSE_4695	0.498614361	3.230293e-01	0.385191606

## TRUE_4696	-0.402499201	-3.250737e-01	0.385191606
## FALSE_4697	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_4698	-0.702870388	-4.603300e-01	1.169388361
## TRUE_4699	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4700	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4701	-0.402499201	-4.490587e-01	-0.399005150
## FALSE_4702	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_4703	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4704	1.099356736	3.371185e-01	1.953585117
## FALSE_4705	-0.102128014	2.433835e-02	-0.399005150
## FALSE_4706	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4707	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4708	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4709	1.399727924	3.845522e-01	-0.399005150
## FALSE_4710	-0.402499201	-3.419808e-01	-0.399005150
## TRUE_4711	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4712	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_4713	1.700099111	-3.114542e-01	0.385191606
## FALSE_4714	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4715	-0.102128014	-1.851210e-01	4.306175383
## FALSE_4716	0.498614361	3.915214e-02	-0.399005150
## FALSE_4717	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4718	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4719	-0.102128014	-1.672747e-01	-0.399005150
## FALSE_4720	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4721	1.399727924	2.103158e-01	-0.399005150
## FALSE_4722	0.198243174	-2.405386e-01	-0.399005150
## FALSE_4723	2.901583861	-2.587671e-03	-0.399005150
## FALSE_4724	-0.702870388	-4.603300e-01	0.385191606
## TRUE_4725	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4726	0.498614361	5.439530e-02	-0.399005150
## FALSE_4727	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4728	2.000470298	5.618412e-01	-0.399005150
## FALSE_4729	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4730	0.498614361	1.877730e-01	-0.399005150
## FALSE_4731	-0.402499201	-3.645235e-01	-0.399005150
## FALSE_4732	0.198243174	-4.328980e-02	-0.399005150
## FALSE_4733	1.099356736	3.033045e-01	-0.399005150
## FALSE_4734	-0.702870388	-4.659657e-01	-0.399005150
## TRUE_4735	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4736	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4737	1.099356736	2.701286e+00	-0.399005150
## FALSE_4738	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4739	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4740	0.798985549	-1.221893e-01	0.385191606
## FALSE_4741	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_4743	-0.102128014	-6.583251e-02	-0.399005150
## FALSE_4744	0.498614361	3.699933e-01	-0.399005150
## FALSE_4745	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_4746	-0.402499201	-1.447320e-01	-0.399005150
## FALSE_4747	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4748	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4749	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4750	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4751	1.099356736	1.760691e+00	2.737781872
## FALSE_4752	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4753	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4754	-0.102128014	-1.436049e-01	-0.399005150
## FALSE_4755	1.099356736	1.264210e-01	1.953585117
## FALSE_4756	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4757	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4758	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4759	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4760	-0.702870388	-4.603300e-01	1.953585117
## FALSE_4761	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4762	0.798985549	5.304970e+00	-0.399005150
## FALSE_4763	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4764	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4765	0.798985549	1.463691e+00	-0.399005150
## FALSE_4766	1.700099111	1.991786e-01	1.169388361
## FALSE_4767	0.198243174	3.850218e-01	-0.399005150
## FALSE_4768	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4769	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4770	1.099356736	2.071499e+00	-0.399005150
## FALSE_4771	-0.102128014	-3.814305e-01	1.169388361
## FALSE_4772	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4773	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4774	-0.702870388	-4.603300e-01	1.169388361
## TRUE_4775	1.700099111	2.225264e-01	-0.399005150
## FALSE_4776	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4777	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4778	2.000470298	3.638880e-01	-0.399005150
## FALSE_4779	1.399727924	8.527832e-01	-0.399005150
## FALSE_4780	-0.102128014	3.004866e-01	-0.399005150
## FALSE_4781	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4782	-0.102128014	2.554012e-01	-0.399005150
## FALSE_4783	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4784	0.798985549	8.053495e-01	3.521978628
## FALSE_4785	-0.402499201	-3.307094e-01	-0.399005150
## FALSE_4786	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4787	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4788	2.300841486	1.050032e+00	1.169388361
## FALSE_4789	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4790	-0.402499201	-3.701592e-01	-0.399005150
## FALSE_4791	-0.102128014	-1.503677e-01	0.385191606
## FALSE_4792	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4793	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4794	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4795	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4796	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4797	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4798	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4799	-0.402499201	-4.603300e-01	1.953585117
## FALSE_4800	0.198243174	-2.743526e-01	-0.399005150
## FALSE_4801	-0.402499201	-3.757949e-01	0.385191606
## FALSE_4802	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4803	0.498614361	-1.988345e-01	-0.399005150

## FALSE_4804	2.901583861	3.327383e+00	1.169388361
## FALSE_4805	0.198243174	2.946438e+00	4.306175383
## FALSE_4806	-0.402499201	4.688107e-02	-0.399005150
## FALSE_4807	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4808	1.399727924	6.001169e-01	-0.399005150
## FALSE_4809	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4810	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4811	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4812	0.498614361	1.795635e-03	-0.399005150
## FALSE_4813	-0.402499201	5.428208e-01	-0.399005150
## FALSE_4814	0.498614361	5.371851e-01	-0.399005150
## FALSE_4815	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4816	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4817	0.798985549	1.169113e+01	1.169388361
## FALSE_4818	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4819	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4820	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4821	0.798985549	1.342341e-01	-0.399005150
## TRUE_4822	1.099356736	2.220844e+00	0.385191606
## FALSE_4823	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4824	-0.402499201	-2.912597e-01	-0.399005150
## FALSE_4825	1.099356736	-1.454783e-02	-0.399005150
## FALSE_4826	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4827	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4828	-0.402499201	-2.687170e-01	-0.399005150
## FALSE_4829	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4830	1.099356736	2.893462e+00	1.953585117
## FALSE_4831	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4832	1.399727924	-4.328980e-02	1.953585117
## FALSE_4833	1.099356736	7.344339e-01	0.385191606
## TRUE_4834	0.198243174	-3.051610e-01	0.385191606
## TRUE_4835	0.498614361	2.925027e-01	1.169388361
## FALSE_4836	2.601212673	3.080009e-01	1.169388361
## FALSE_4837	2.000470298	1.891157e+00	-0.399005150
## FALSE_4838	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4839	-0.402499201	-1.447320e-01	-0.399005150
## FALSE_4840	0.498614361	-2.320850e-01	-0.399005150
## FALSE_4841	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4842	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4843	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4844	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4845	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4846	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4847	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_4848	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4849	-0.402499201	4.688107e-02	-0.399005150
## FALSE_4850	1.700099111	1.849552e-01	-0.399005150
## FALSE_4851	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4852	1.099356736	2.433471e-01	1.953585117
## FALSE_4853	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4854	0.198243174	-1.560034e-01	-0.399005150
## FALSE_4855	-0.102128014	-1.916960e-01	-0.399005150
## FALSE_4856	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4857	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4858	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4859	0.198243174	-1.221893e-01	-0.399005150
## TRUE_4860	0.798985549	8.710991e-01	-0.399005150
## FALSE_4861	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4862	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_4863	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4864	-0.102128014	-1.390963e-01	-0.399005150
## FALSE_4865	1.700099111	-1.343999e-01	0.385191606
## FALSE_4866	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4867	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4868	1.700099111	2.019956e+00	5.090372139
## FALSE_4869	6.506038110	1.178866e+00	4.306175383
## FALSE_4870	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4871	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4872	0.498614361	-9.475723e-03	-0.399005150
## TRUE_4873	-0.102128014	-3.645235e-01	-0.399005150
## FALSE_4874	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4875	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4876	-0.702870388	-4.603300e-01	0.385191606
## TRUE_4877	-0.102128014	3.388839e+00	-0.399005150
## FALSE_4878	-0.702870388	-4.603300e-01	0.385191606
## FALSE_4879	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_4880	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4881	0.498614361	5.251675e-02	1.953585117
## FALSE_4882	-0.102128014	1.911544e-01	1.169388361
## FALSE_4883	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4884	1.399727924	5.024318e-01	0.385191606
## TRUE_4885	1.399727924	-8.273955e-02	1.169388361
## FALSE_4886	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4887	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4888	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4889	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4890	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4891	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4892	-0.102128014	-2.208137e-01	-0.399005150
## FALSE_4893	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4894	-0.102128014	-4.377873e-01	-0.399005150
## FALSE_4895	2.000470298	1.338315e-01	0.385191606
## FALSE_4896	-0.402499201	-3.363451e-01	-0.399005150
## FALSE_4897	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4898	-0.402499201	-2.074708e-02	0.385191606
## FALSE_4899	1.700099111	6.536558e-01	-0.399005150
## FALSE_4900	0.198243174	3.737504e-01	1.169388361
## FALSE_4901	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4902	-0.102128014	-4.603300e-01	-0.399005150
## FALSE_4903	-0.102128014	-3.048792e-01	-0.399005150
## FALSE_4904	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4905	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4906	-0.702870388	-4.603300e-01	1.169388361
## TRUE_4907	-0.702870388	-4.603300e-01	1.953585117
## FALSE_4908	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4909	-0.402499201	-3.814305e-01	0.385191606
## FALSE_4910	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4911	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_4912	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4913	0.798985549	-8.292463e-05	-0.399005150
## FALSE_4914	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4915	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4916	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4917	0.198243174	-1.954531e-01	-0.399005150
## TRUE_4918	-0.402499201	-1.503677e-01	1.169388361
## FALSE_4919	0.198243174	2.188439e+00	-0.399005150
## FALSE_4920	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4921	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4922	0.798985549	-4.610764e-02	0.385191606
## FALSE_4923	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4924	0.198243174	2.173604e-01	3.521978628
## FALSE_4925	0.198243174	4.233444e-01	2.737781872
## FALSE_4926	0.498614361	1.889748e+00	-0.399005150
## FALSE_4927	-0.402499201	-4.208803e-01	-0.399005150
## TRUE_4928	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4929	-0.102128014	-3.983376e-01	0.385191606
## TRUE_4930	0.198243174	1.150347e+00	0.385191606
## FALSE_4931	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4932	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4933	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_4934	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4935	-0.402499201	-3.025310e-01	-0.399005150
## FALSE_4936	-0.102128014	6.144686e+00	-0.399005150
## TRUE_4937	0.798985549	6.696236e-01	-0.399005150
## FALSE_4938	0.798985549	8.767348e-01	-0.399005150
## FALSE_4939	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4940	1.399727924	7.851550e-01	-0.399005150
## FALSE_4941	3.201955048	2.983335e+00	5.090372139
## FALSE_4942	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4943	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4944	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4945	-0.702870388	-4.603300e-01	1.953585117
## FALSE_4946	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4947	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4948	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_4949	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4950	-0.402499201	-3.645235e-01	2.737781872
## FALSE_4951	1.700099111	8.020620e-01	-0.399005150
## FALSE_4952	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_4953	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_4954	-0.402499201	-3.814305e-01	0.385191606
## TRUE_4955	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4956	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4957	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4958	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4959	2.300841486	2.845830e+00	1.953585117
## FALSE_4960	0.198243174	-3.814305e-01	-0.399005150
## TRUE_4961	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4962	2.300841486	1.587300e+00	-0.399005150
## FALSE_4963	2.300841486	4.120261e-01	1.169388361
## TRUE_4964	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4965	-0.702870388	-4.603300e-01	-0.399005150

## TRUE_4966	-0.402499201	-3.617057e-01	-0.399005150
## FALSE_4967	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4968	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4969	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4970	2.000470298	5.749911e-01	0.385191606
## FALSE_4971	-0.402499201	-2.743526e-01	0.385191606
## FALSE_4972	-0.702870388	-4.603300e-01	1.169388361
## FALSE_4973	0.198243174	1.708660e-01	-0.399005150
## FALSE_4974	-0.402499201	-3.201844e-02	-0.399005150
## FALSE_4975	4.703810985	9.808070e-01	-0.399005150
## FALSE_4976	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4977	0.198243174	7.431314e-03	-0.399005150
## FALSE_4978	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4979	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4980	-0.402499201	-1.729104e-01	-0.399005150
## FALSE_4981	2.901583861	6.331959e-01	1.953585117
## FALSE_4982	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4983	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4984	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4985	-0.402499201	-1.390963e-01	1.953585117
## TRUE_4986	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4987	-0.102128014	-3.955197e-01	-0.399005150
## FALSE_4988	-0.402499201	-4.096089e-01	0.385191606
## FALSE_4989	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4990	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4991	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4992	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4993	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4994	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4995	-0.102128014	-3.757949e-01	-0.399005150
## FALSE_4996	1.700099111	6.743200e-01	1.169388361
## TRUE_4997	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4998	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_4999	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5000	0.198243174	-3.138024e-01	-0.399005150
## FALSE_5001	1.399727924	2.990777e-01	-0.399005150
## FALSE_5002	-0.102128014	-3.701592e-01	-0.399005150
## FALSE_5003	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5004	0.498614361	1.934087e-01	0.385191606
## FALSE_5005	0.198243174	-2.236315e-01	-0.399005150
## FALSE_5006	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5007	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5008	-0.102128014	-2.968953e-01	0.385191606
## FALSE_5009	-0.102128014	-3.927019e-01	-0.399005150
## FALSE_5010	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5011	-0.402499201	-4.603300e-01	0.385191606
## FALSE_5012	-0.402499201	-2.179958e-01	-0.399005150
## FALSE_5013	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5014	0.198243174	1.483233e-01	-0.399005150
## FALSE_5015	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5016	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5017	0.198243174	-1.390963e-01	0.385191606
## FALSE_5018	1.099356736	1.595946e-01	-0.399005150
## FALSE_5019	2.901583861	1.290300e+00	-0.399005150

## FALSE_5020	0.498614361	3.479010e+00	-0.399005150
## FALSE_5021	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5022	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5023	1.700099111	2.152051e-02	-0.399005150
## FALSE_5024	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_5025	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_5026	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5027	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5028	-0.102128014	9.373183e-01	0.385191606
## TRUE_5029	0.198243174	-1.616391e-01	1.169388361
## FALSE_5030	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5031	2.000470298	1.590353e+00	-0.399005150
## FALSE_5032	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5033	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5034	-0.402499201	1.877730e-01	-0.399005150
## FALSE_5035	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5036	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_5037	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_5038	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5039	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5040	1.700099111	1.086664e+00	-0.399005150
## FALSE_5041	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5042	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5043	-0.102128014	5.428208e-01	-0.399005150
## FALSE_5044	1.099356736	-3.645235e-01	-0.399005150
## FALSE_5045	0.798985549	-2.074708e-02	-0.399005150
## FALSE_5046	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5047	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5048	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5049	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5050	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5051	0.798985549	5.991776e-01	-0.399005150
## FALSE_5052	-0.402499201	-4.659657e-01	-0.399005150
## FALSE_5053	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5054	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5055	0.798985549	-3.765412e-02	-0.399005150
## FALSE_5056	0.498614361	-2.444522e-01	-0.399005150
## FALSE_5057	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5058	0.798985549	2.741868e-01	0.385191606
## FALSE_5059	-0.402499201	-3.025310e-01	-0.399005150
## FALSE_5060	-0.402499201	1.078210e+00	1.169388361
## FALSE_5061	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5062	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5063	1.099356736	4.124539e-02	0.385191606
## FALSE_5064	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5065	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5066	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5067	0.798985549	2.835549e-01	-0.399005150
## FALSE_5068	0.498614361	3.718719e-01	1.169388361
## TRUE_5069	-0.402499201	-3.560700e-01	-0.399005150
## TRUE_5070	-0.102128014	-2.074708e-02	-0.399005150
## FALSE_5071	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5072	0.198243174	-3.138024e-01	-0.399005150
## TRUE_5073	2.000470298	9.457719e-01	-0.399005150

## FALSE_5074	1.399727924	1.545972e+00	0.385191606
## FALSE_5075	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5076	-0.102128014	-3.194381e-01	-0.399005150
## FALSE_5077	1.099356736	4.952933e-01	-0.399005150
## FALSE_5078	1.099356736	-1.995518e-01	-0.399005150
## FALSE_5079	0.498614361	-4.141124e-02	1.953585117
## FALSE_5080	4.403439798	1.435730e+01	18.421716983
## FALSE_5081	0.198243174	5.815242e-02	-0.399005150
## FALSE_5082	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5083	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5085	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5086	-0.102128014	-1.229356e-02	1.169388361
## FALSE_5087	-0.102128014	-6.207539e-02	0.385191606
## FALSE_5088	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5090	-0.102128014	-1.982710e-01	0.385191606
## FALSE_5091	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5099	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5101	-0.102128014	-2.799883e-01	-0.399005150
## TRUE_5102	1.399727924	5.343673e-01	-0.399005150
## FALSE_5103	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5105	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5106	1.399727924	1.156171e+00	5.090372139
## FALSE_5107	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5108	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5110	2.000470298	-9.119307e-02	-0.399005150
## FALSE_5111	-0.102128014	1.116914e-01	-0.399005150
## FALSE_5112	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5113	2.000470298	2.991716e-01	-0.399005150
## FALSE_5114	0.198243174	4.357429e-01	1.169388361
## FALSE_5115	0.498614361	5.815242e-02	-0.399005150
## TRUE_5116	1.399727924	5.944812e-01	1.169388361
## FALSE_5117	-0.402499201	-2.884418e-01	0.385191606
## TRUE_5118	0.798985549	-2.010888e-01	-0.399005150
## TRUE_5119	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5120	-0.402499201	-4.011554e-01	-0.399005150
## FALSE_5121	-0.402499201	-4.321516e-01	1.953585117
## FALSE_5122	2.000470298	2.388506e+00	-0.399005150
## FALSE_5123	0.198243174	3.173937e-01	1.169388361
## FALSE_5124	-0.402499201	-3.955197e-01	-0.399005150
## FALSE_5125	-0.102128014	7.964264e-01	-0.399005150
## FALSE_5126	-0.402499201	6.942378e-02	-0.399005150
## FALSE_5127	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_5128	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5129	1.099356736	3.504370e+00	1.953585117
## FALSE_5130	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5131	-0.102128014	-2.518099e-01	-0.399005150
## TRUE_5132	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5133	0.798985549	1.373144e+00	2.737781872
## TRUE_5134	1.700099111	6.118579e-01	0.385191606
## FALSE_5135	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5139	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5140	0.498614361	1.257806e-01	-0.399005150
## TRUE_5141	0.198243174	3.117580e-01	2.737781872
## FALSE_5142	0.198243174	1.088735e-01	-0.399005150
## FALSE_5143	3.802697423	6.060209e-01	5.874568895
## FALSE_5144	0.498614361	2.771976e-02	-0.399005150
## FALSE_5145	-0.402499201	-1.616391e-01	-0.399005150
## FALSE_5146	-0.702870388	-4.603300e-01	0.385191606
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## FALSE_5148	0.498614361	5.709992e-01	1.953585117
## FALSE_5149	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5150	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5151	0.198243174	8.832158e-01	-0.399005150
## FALSE_5152	-0.102128014	1.821374e-01	-0.399005150
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## FALSE_5162	-0.702870388	-4.603300e-01	0.385191606
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## FALSE_5164	-0.402499201	-2.405386e-01	-0.399005150
## FALSE_5165	1.099356736	1.298002e+00	0.385191606
## FALSE_5166	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5167	-0.102128014	1.010582e+00	-0.399005150
## TRUE_5168	-0.102128014	-2.884418e-01	1.169388361
## FALSE_5169	-0.402499201	-4.039732e-01	1.169388361
## FALSE_5170	0.198243174	-3.814305e-01	-0.399005150
## FALSE_5171	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5172	-0.102128014	-4.124268e-01	-0.399005150
## FALSE_5173	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5174	-0.102128014	-2.123602e-01	-0.399005150
## FALSE_5175	0.798985549	-9.475723e-03	-0.399005150
## FALSE_5176	-0.702870388	-4.603300e-01	1.953585117
## FALSE_5177	1.399727924	6.915323e-01	2.737781872
## FALSE_5178	-0.402499201	-3.532521e-01	-0.399005150
## FALSE_5179	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5180	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5181	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_5182	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_5185	-0.102128014	-2.968953e-01	0.385191606
## FALSE_5186	-0.402499201	-2.912597e-01	1.953585117
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## FALSE_5188	2.000470298	5.597278e-01	2.737781872
## FALSE_5189	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5192	0.498614361	-9.823767e-02	0.385191606
## FALSE_5193	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5198	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5199	-0.402499201	-1.898174e-01	-0.399005150
## FALSE_5200	1.399727924	7.524681e-01	-0.399005150
## TRUE_5201	0.198243174	-1.101128e-01	-0.399005150
## FALSE_5202	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5203	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5204	-0.402499201	-1.616391e-01	-0.399005150
## FALSE_5205	1.099356736	7.259804e-01	-0.399005150
## FALSE_5206	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5207	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5215	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5223	-0.402499201	-4.208803e-01	-0.399005150
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## FALSE_5230	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5231	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5232	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5233	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5235	-0.402499201	1.877730e-01	-0.399005150

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## FALSE_5238	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5239	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_5240	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5242	0.798985549	-1.588212e-01	-0.399005150
## FALSE_5243	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5244	0.498614361	-1.019009e-01	-0.399005150
## FALSE_5245	-0.402499201	-2.638276e-02	-0.399005150
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## FALSE_5260	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5261	-0.102128014	-1.729104e-01	1.169388361
## FALSE_5262	-0.402499201	-1.109179e-01	0.385191606
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## FALSE_5267	1.399727924	-1.869996e-01	-0.399005150
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## FALSE_5269	0.198243174	-2.123602e-01	-0.399005150
## FALSE_5270	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5277	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5280	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5281	-0.702870388	-4.603300e-01	0.385191606
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## FALSE_5283	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5284	-0.402499201	-4.321516e-01	0.385191606
## FALSE_5285	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5286	0.498614361	3.192722e-01	-0.399005150
## TRUE_5287	-0.102128014	4.301072e-01	-0.399005150
## FALSE_5288	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5289	-0.102128014	2.997403e-02	-0.399005150

## FALSE_5290	1.399727924	-1.043430e-01	-0.399005150
## FALSE_5291	1.700099111	-6.677179e-02	0.385191606
## FALSE_5292	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5293	1.099356736	1.303637e+00	1.169388361
## FALSE_5294	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5295	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5296	0.498614361	1.186362e+00	0.385191606
## FALSE_5297	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5303	1.399727924	-1.650205e-01	1.953585117
## FALSE_5304	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_5311	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_5312	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5313	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5314	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5315	0.498614361	2.873367e-01	-0.399005150
## TRUE_5316	1.099356736	-1.700926e-01	-0.399005150
## FALSE_5317	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5318	0.498614361	9.485897e-01	-0.399005150
## TRUE_5319	-0.402499201	4.688107e-02	0.385191606
## FALSE_5320	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5321	0.198243174	-2.074708e-02	-0.399005150
## FALSE_5322	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5323	2.601212673	3.890012e+00	1.169388361
## FALSE_5324	-0.402499201	-2.687170e-01	-0.399005150
## FALSE_5325	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5326	-0.102128014	7.505946e-02	1.953585117
## FALSE_5327	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5328	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5329	0.198243174	1.205952e+00	-0.399005150
## FALSE_5330	-0.402499201	-3.476165e-01	-0.399005150
## TRUE_5331	-0.102128014	-2.912597e-01	-0.399005150
## FALSE_5332	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5333	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5334	2.000470298	5.766349e-01	3.521978628
## FALSE_5335	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5336	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5337	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5338	0.498614361	-1.390963e-01	-0.399005150
## FALSE_5339	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5340	0.798985549	4.122609e-01	5.090372139
## FALSE_5341	-0.102128014	-2.067245e-01	1.169388361
## FALSE_5342	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5343	0.498614361	-2.856240e-01	0.385191606

## TRUE_5344	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_5345	-0.402499201	-2.687170e-01	-0.399005150
## FALSE_5346	1.099356736	6.680581e-01	1.169388361
## FALSE_5347	-0.102128014	-2.349029e-01	-0.399005150
## FALSE_5348	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5349	0.798985549	-2.705955e-01	-0.399005150
## FALSE_5350	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_5351	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5352	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5353	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5354	0.498614361	-3.241345e-01	-0.399005150
## FALSE_5355	2.000470298	6.353399e-01	1.169388361
## TRUE_5356	0.498614361	-1.334607e-01	-0.399005150
## FALSE_5357	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5358	-0.702870388	-4.603300e-01	0.385191606
## TRUE_5359	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_5360	-0.402499201	3.822040e-01	-0.399005150
## FALSE_5361	0.198243174	2.092633e+00	1.953585117
## TRUE_5362	-0.402499201	-2.799883e-01	-0.399005150
## FALSE_5363	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5364	0.198243174	1.126307e-01	-0.399005150
## FALSE_5365	-0.102128014	-1.278250e-01	-0.399005150
## FALSE_5366	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5367	0.498614361	1.323362e+00	-0.399005150
## FALSE_5368	2.000470298	1.282504e+00	-0.399005150
## FALSE_5369	0.198243174	-2.602634e-01	-0.399005150
## FALSE_5370	0.798985549	-6.865035e-02	2.737781872
## FALSE_5371	-0.102128014	-2.236315e-01	-0.399005150
## FALSE_5372	0.498614361	2.393580e-02	-0.399005150
## FALSE_5373	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5374	-0.102128014	-3.201844e-02	0.385191606
## FALSE_5375	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5376	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5377	0.198243174	-2.337757e-01	-0.399005150
## TRUE_5378	-0.402499201	-1.030280e-01	-0.399005150
## TRUE_5379	1.099356736	3.022895e+00	-0.399005150
## FALSE_5380	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5381	0.198243174	3.996746e-01	-0.399005150
## FALSE_5382	1.399727924	-1.430413e-01	-0.399005150
## FALSE_5383	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5384	-0.402499201	-2.394114e-01	1.169388361
## TRUE_5385	0.198243174	4.462679e-02	-0.399005150
## FALSE_5386	-0.102128014	1.274713e-01	-0.399005150
## FALSE_5387	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5388	0.498614361	6.904756e-01	-0.399005150
## FALSE_5389	4.403439798	5.548436e-01	0.385191606
## FALSE_5390	-0.402499201	-3.927019e-01	-0.399005150
## FALSE_5391	-0.102128014	-3.870662e-01	-0.399005150
## FALSE_5392	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5393	0.198243174	-2.281401e-01	-0.399005150
## FALSE_5394	0.498614361	1.133821e-01	-0.399005150
## TRUE_5395	-0.402499201	-3.126752e-01	-0.399005150
## TRUE_5396	-0.102128014	-1.172999e-02	1.953585117
## FALSE_5397	0.498614361	4.357429e-01	-0.399005150

## FALSE_5398	1.399727924	8.240412e-01	-0.399005150
## FALSE_5399	-0.102128014	-1.931989e-01	-0.399005150
## TRUE_5400	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5401	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_5402	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5403	-0.102128014	6.476444e-01	-0.399005150
## TRUE_5404	0.198243174	-2.732255e-01	-0.399005150
## FALSE_5405	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5406	0.198243174	-4.067911e-01	-0.399005150
## FALSE_5407	-0.102128014	-1.481134e-01	-0.399005150
## FALSE_5408	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5409	2.300841486	6.428724e+00	-0.399005150
## FALSE_5410	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5411	0.198243174	-3.829334e-01	0.385191606
## TRUE_5412	-0.402499201	-3.295823e-01	-0.399005150
## FALSE_5413	0.798985549	3.889668e-01	-0.399005150
## FALSE_5414	0.798985549	-8.499382e-02	-0.399005150
## TRUE_5415	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_5417	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5418	3.201955048	5.248933e+00	1.169388361
## FALSE_5419	-0.402499201	-1.875632e-01	-0.399005150
## FALSE_5420	-0.402499201	-1.368421e-01	-0.399005150
## FALSE_5421	1.399727924	1.216848e+00	-0.399005150
## FALSE_5422	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5423	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5424	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5425	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5426	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5427	-0.102128014	-1.405992e-01	-0.399005150
## TRUE_5428	-0.402499201	2.771976e-02	-0.399005150
## FALSE_5429	1.399727924	-2.427928e-01	-0.399005150
## TRUE_5430	1.099356736	2.614778e+00	1.953585117
## FALSE_5431	0.198243174	7.280519e-02	-0.399005150
## FALSE_5432	1.099356736	-1.616391e-01	-0.399005150
## FALSE_5433	0.198243174	-2.980225e-01	3.521978628
## TRUE_5434	0.798985549	-1.981583e-01	-0.399005150
## TRUE_5435	-0.402499201	-2.270129e-01	-0.399005150
## FALSE_5436	1.099356736	2.584630e-03	-0.399005150
## TRUE_5437	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5438	0.198243174	1.780979e+00	2.737781872
## FALSE_5439	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5440	4.103068610	4.796615e+00	-0.399005150
## FALSE_5441	0.198243174	-1.402235e-01	0.385191606
## FALSE_5442	-0.402499201	-4.039732e-01	-0.399005150
## FALSE_5443	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5444	2.300841486	4.676835e-02	-0.399005150
## TRUE_5445	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5446	-0.402499201	-7.992171e-02	-0.399005150
## FALSE_5447	3.201955048	8.616124e-01	-0.399005150
## FALSE_5448	-0.102128014	-1.024644e-01	-0.399005150
## FALSE_5449	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_5450	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5451	0.798985549	6.492224e-01	-0.399005150

## FALSE_5452	0.798985549	-1.210622e-01	-0.399005150
## FALSE_5453	0.798985549	1.066939e+00	1.169388361
## FALSE_5454	1.099356736	1.982981e-02	-0.399005150
## FALSE_5455	-0.402499201	-1.082880e-01	-0.399005150
## FALSE_5456	2.300841486	4.642970e-01	-0.399005150
## FALSE_5457	4.703810985	6.063046e-01	-0.399005150
## FALSE_5458	-0.102128014	6.476444e-01	-0.399005150
## FALSE_5459	-0.402499201	-4.317759e-01	-0.399005150
## FALSE_5460	-0.102128014	7.336876e-02	-0.399005150
## FALSE_5461	-0.402499201	-2.044702e-01	-0.399005150
## FALSE_5462	-0.402499201	-2.416657e-01	-0.399005150
## FALSE_5463	-0.102128014	-3.419808e-01	-0.399005150
## FALSE_5464	0.798985549	5.177042e-03	0.385191606
## FALSE_5465	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5466	1.099356736	4.575393e-02	-0.399005150
## FALSE_5467	0.798985549	4.329997e+00	-0.399005150
## FALSE_5468	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5469	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5470	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5471	0.498614361	2.841051e+00	-0.399005150
## FALSE_5472	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5473	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5474	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5475	2.300841486	2.310545e+00	-0.399005150
## TRUE_5476	2.300841486	1.460873e+00	1.953585117
## TRUE_5477	-0.102128014	1.753745e-01	-0.399005150
## FALSE_5478	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5479	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5480	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5481	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5482	4.403439798	3.474125e+00	0.385191606
## FALSE_5483	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5484	0.198243174	-2.788612e-01	-0.399005150
## FALSE_5485	-0.402499201	-3.667778e-01	-0.399005150
## FALSE_5486	0.498614361	-1.548762e-01	0.385191606
## FALSE_5487	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5488	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_5489	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5490	2.601212673	2.104280e+00	1.953585117
## FALSE_5491	-0.102128014	-2.788612e-01	0.385191606
## TRUE_5492	0.498614361	2.931785e+00	-0.399005150
## FALSE_5493	-0.402499201	3.089401e-01	-0.399005150
## FALSE_5494	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5495	0.498614361	-1.824911e-01	-0.399005150
## FALSE_5496	2.300841486	1.110146e+00	-0.399005150
## FALSE_5497	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5498	-0.402499201	2.091886e-01	-0.399005150
## FALSE_5499	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5500	-0.102128014	-3.870662e-01	-0.399005150
## TRUE_5501	-0.402499201	-2.123602e-01	-0.399005150
## FALSE_5502	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_5503	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5504	-0.102128014	-3.737233e-02	-0.399005150
## TRUE_5505	-0.402499201	-3.639599e-01	0.385191606

## FALSE_5506	-0.402499201	-4.490587e-01	4.306175383
## TRUE_5507	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_5508	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_5509	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5510	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5511	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5512	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5513	-0.102128014	1.050483e+00	-0.399005150
## TRUE_5514	-0.402499201	-3.352180e-01	-0.399005150
## FALSE_5515	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5516	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5517	1.399727924	-7.484960e-02	-0.399005150
## FALSE_5518	6.506038110	2.177735e+00	4.306175383
## FALSE_5519	0.198243174	-2.168687e-01	-0.399005150
## FALSE_5520	-0.102128014	2.835796e-01	0.385191606
## FALSE_5521	1.099356736	-2.065366e-01	0.385191606
## FALSE_5522	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5523	-0.402499201	-6.094315e-03	-0.399005150
## FALSE_5524	0.498614361	-3.126752e-01	-0.399005150
## FALSE_5525	2.901583861	3.168301e-01	-0.399005150
## FALSE_5526	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5527	-0.102128014	-4.062275e-01	1.953585117
## FALSE_5528	-0.102128014	4.481414e-01	-0.399005150
## FALSE_5529	2.000470298	1.236009e+00	-0.399005150
## FALSE_5530	-0.102128014	-2.055973e-01	-0.399005150
## FALSE_5531	-0.102128014	4.830826e-01	-0.399005150
## FALSE_5532	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5533	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5534	-0.102128014	-3.509979e-01	1.953585117
## FALSE_5535	0.198243174	4.267258e-01	-0.399005150
## FALSE_5536	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5537	0.798985549	-1.402235e-01	-0.399005150
## FALSE_5538	0.498614361	2.129264e+00	2.737781872
## FALSE_5539	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5540	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5541	-0.102128014	-2.225044e-01	-0.399005150
## FALSE_5542	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5543	-0.402499201	-3.927019e-01	-0.399005150
## TRUE_5544	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5545	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5546	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5547	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5548	0.198243174	-6.808678e-02	-0.399005150
## FALSE_5549	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5550	1.099356736	-8.527560e-02	-0.399005150
## FALSE_5551	1.700099111	1.242777e-01	-0.399005150
## FALSE_5552	0.498614361	-1.199350e-01	-0.399005150
## FALSE_5553	-0.102128014	1.926944e+00	-0.399005150
## FALSE_5554	1.099356736	-1.014312e-01	-0.399005150
## FALSE_5555	0.798985549	3.765683e-01	-0.399005150
## TRUE_5556	0.498614361	8.407655e-02	-0.399005150
## FALSE_5557	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5558	1.700099111	3.080943e+00	0.385191606
## FALSE_5559	-0.402499201	-3.865026e-01	-0.399005150

## FALSE_5560	0.498614361	-3.194381e-01	-0.399005150
## FALSE_5561	0.198243174	-1.312064e-01	-0.399005150
## FALSE_5562	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_5565	0.498614361	-1.129844e-01	-0.399005150
## FALSE_5566	0.798985549	-7.259533e-02	-0.399005150
## FALSE_5567	0.198243174	-3.949562e-01	-0.399005150
## FALSE_5568	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5569	-0.102128014	-2.676972e-01	-0.399005150
## FALSE_5570	0.198243174	-2.557549e-01	-0.399005150
## TRUE_5571	0.198243174	2.349619e+00	0.385191606
## TRUE_5572	-0.402499201	-3.295823e-01	-0.399005150
## FALSE_5573	0.498614361	6.352459e-01	-0.399005150
## FALSE_5574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5575	0.198243174	-2.988678e-01	-0.399005150
## FALSE_5576	-0.102128014	-8.555739e-02	-0.399005150
## TRUE_5577	-0.102128014	6.380638e-01	-0.399005150
## FALSE_5578	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5579	0.798985549	-2.086030e-01	0.385191606
## TRUE_5580	-0.102128014	1.081272e-02	0.385191606
## FALSE_5581	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5582	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5583	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_5584	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5585	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5586	1.399727924	-1.398427e-02	-0.399005150
## FALSE_5587	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5588	0.798985549	-2.591363e-01	3.521978628
## FALSE_5589	0.198243174	-1.233728e-01	-0.399005150
## FALSE_5590	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5591	-0.402499201	-3.746677e-01	-0.399005150
## FALSE_5592	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5593	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5594	0.498614361	8.294941e-02	-0.399005150
## FALSE_5595	0.798985549	-2.638276e-02	-0.399005150
## FALSE_5596	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5597	-0.402499201	-4.603300e-01	-0.399005150
## TRUE_5598	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5599	-0.102128014	-4.152446e-01	1.169388361
## FALSE_5600	-0.702870388	-4.603300e-01	2.737781872
## FALSE_5601	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5602	-0.402499201	-3.983376e-01	-0.399005150
## FALSE_5603	-0.402499201	-8.612096e-02	-0.399005150
## TRUE_5604	0.498614361	-2.983982e-01	-0.399005150
## FALSE_5605	1.099356736	3.269174e+00	4.306175383
## FALSE_5606	-0.402499201	-1.593848e-01	-0.399005150
## FALSE_5607	-0.102128014	-3.262009e-01	-0.399005150
## FALSE_5608	-0.102128014	-3.870662e-01	-0.399005150
## FALSE_5609	-0.402499201	-3.252992e-01	-0.399005150
## FALSE_5610	2.000470298	-9.682875e-02	1.953585117
## TRUE_5611	2.000470298	1.558699e+00	1.953585117
## FALSE_5612	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5613	-0.702870388	-4.603300e-01	-0.399005150

## TRUE_5614	-0.102128014	5.177042e-03	-0.399005150
## FALSE_5615	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5616	-0.102128014	-2.844969e-01	-0.399005150
## FALSE_5617	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5618	1.399727924	6.659604e-01	-0.399005150
## FALSE_5619	-0.402499201	-4.293338e-01	4.306175383
## FALSE_5620	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5621	0.498614361	-9.626518e-02	1.169388361
## FALSE_5622	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5623	-0.102128014	-1.593848e-01	-0.399005150
## FALSE_5624	0.798985549	-1.227529e-01	1.169388361
## FALSE_5625	-0.402499201	-3.295823e-01	-0.399005150
## FALSE_5626	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_5627	-0.402499201	-1.988345e-01	-0.399005150
## TRUE_5628	1.700099111	5.329584e-01	0.385191606
## FALSE_5629	2.000470298	-7.484960e-02	0.385191606
## FALSE_5630	0.798985549	1.033369e+00	0.385191606
## TRUE_5631	0.498614361	-7.297104e-02	-0.399005150
## FALSE_5632	2.000470298	7.791436e-01	-0.399005150
## FALSE_5633	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5634	-0.102128014	-6.245110e-02	-0.399005150
## FALSE_5635	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5636	-0.402499201	-6.583251e-02	-0.399005150
## FALSE_5637	1.700099111	4.791376e-01	-0.399005150
## FALSE_5638	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5639	-0.402499201	-1.537491e-01	-0.399005150
## FALSE_5640	0.798985549	3.968567e-01	-0.399005150
## FALSE_5641	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5642	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5643	-0.102128014	-1.312064e-01	-0.399005150
## FALSE_5644	-0.402499201	1.415605e-01	-0.399005150
## FALSE_5645	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5647	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5648	0.198243174	5.177042e-03	-0.399005150
## FALSE_5649	1.399727924	1.089958e+00	-0.399005150
## FALSE_5650	-0.402499201	-3.633964e-01	-0.399005150
## FALSE_5651	2.601212673	6.075372e-01	0.385191606
## TRUE_5652	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5653	0.498614361	-4.047196e-02	-0.399005150
## FALSE_5654	0.198243174	-2.709712e-01	-0.399005150
## FALSE_5655	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5656	0.498614361	1.256298e+00	-0.399005150
## FALSE_5657	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5658	-0.402499201	-4.293338e-01	-0.399005150
## FALSE_5659	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5660	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5661	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5664	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5665	0.198243174	1.190178e-01	-0.399005150
## FALSE_5666	0.498614361	1.531319e+00	1.169388361
## TRUE_5667	0.798985549	3.925360e-01	-0.399005150

## FALSE_5668	-0.102128014	-2.563185e-01	1.953585117
## FALSE_5669	2.300841486	7.147842e-01	-0.399005150
## FALSE_5670	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5671	0.498614361	5.307980e-01	-0.399005150
## FALSE_5672	0.798985549	-2.912597e-01	0.385191606
## TRUE_5673	-0.402499201	-3.126752e-01	-0.399005150
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## FALSE_5675	1.099356736	8.962713e+00	-0.399005150
## TRUE_5676	0.798985549	5.941055e-01	-0.399005150
## FALSE_5677	1.700099111	2.911877e-01	1.169388361
## FALSE_5678	2.000470298	2.753510e+00	-0.399005150
## FALSE_5679	3.802697423	8.848153e-01	-0.399005150
## FALSE_5680	1.099356736	3.559041e-01	-0.399005150
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## FALSE_5687	-0.102128014	-4.469872e-02	-0.399005150
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## FALSE_5689	-0.402499201	-3.509979e-01	-0.399005150
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## FALSE_5692	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5694	0.498614361	4.312344e-01	-0.399005150
## FALSE_5695	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5696	0.198243174	5.586007e-01	-0.399005150
## FALSE_5697	1.399727924	1.487153e+01	1.953585117
## FALSE_5698	-0.102128014	4.109459e-01	1.169388361
## FALSE_5699	-0.402499201	2.441298e-01	-0.399005150
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## FALSE_5701	-0.102128014	-4.022825e-01	-0.399005150
## FALSE_5702	0.498614361	2.418756e-01	-0.399005150
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## TRUE_5704	-0.402499201	-3.923262e-01	-0.399005150
## FALSE_5705	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5706	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_5708	0.198243174	-2.022159e-01	-0.399005150
## FALSE_5709	-0.402499201	-3.746677e-01	-0.399005150
## FALSE_5710	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5711	0.498614361	2.937238e-01	1.169388361
## FALSE_5712	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5713	-0.402499201	-3.408536e-01	-0.399005150
## FALSE_5714	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5715	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5716	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5717	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5718	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5719	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5720	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5721	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_5722	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5723	-0.102128014	-3.307094e-01	0.385191606
## TRUE_5724	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5725	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5726	2.000470298	1.900273e-01	-0.399005150
## TRUE_5727	2.000470298	7.287982e-01	0.385191606
## FALSE_5728	-0.402499201	-3.014039e-01	0.385191606
## FALSE_5729	-0.102128014	-2.298308e-01	-0.399005150
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## FALSE_5731	-0.102128014	-2.619541e-01	-0.399005150
## FALSE_5732	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5733	1.700099111	9.290527e-01	-0.399005150
## FALSE_5734	0.498614361	9.249198e-01	0.385191606
## FALSE_5735	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5736	4.103068610	1.747071e+00	-0.399005150
## TRUE_5737	0.498614361	-2.153659e-01	-0.399005150
## FALSE_5738	1.700099111	2.089815e+00	-0.399005150
## FALSE_5739	1.399727924	2.339856e-01	-0.399005150
## FALSE_5740	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5741	-0.102128014	-2.613906e-01	-0.399005150
## TRUE_5742	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5743	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5744	0.498614361	8.520368e-02	0.385191606
## FALSE_5745	0.498614361	1.201449e-01	-0.399005150
## FALSE_5746	-0.102128014	-3.746677e-01	-0.399005150
## FALSE_5747	0.498614361	-5.625186e-02	-0.399005150
## FALSE_5748	1.099356736	3.096388e+00	1.953585117
## FALSE_5749	1.399727924	7.415775e-02	-0.399005150
## FALSE_5750	2.601212673	6.451084e-01	-0.399005150
## FALSE_5751	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5752	-0.402499201	7.547223e-01	1.169388361
## FALSE_5753	1.099356736	3.718770e-02	-0.399005150
## FALSE_5754	0.798985549	1.071166e+00	0.385191606
## FALSE_5755	-0.702870388	-4.603300e-01	1.169388361
## TRUE_5756	-0.402499201	-4.146810e-01	-0.399005150
## TRUE_5757	0.198243174	6.408816e-01	1.169388361
## FALSE_5758	0.198243174	-2.563185e-01	-0.399005150
## TRUE_5759	0.498614361	-5.831827e-02	-0.399005150
## FALSE_5760	-0.702870388	-4.603300e-01	1.953585117
## FALSE_5761	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5762	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5763	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5764	0.198243174	-3.160567e-01	-0.399005150
## FALSE_5765	1.099356736	1.252170e-01	1.953585117
## FALSE_5766	2.601212673	2.942493e+00	1.169388361
## FALSE_5767	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5768	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5769	-0.402499201	-3.633964e-01	-0.399005150
## FALSE_5770	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5771	0.198243174	-1.142994e-01	0.385191606
## TRUE_5772	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5773	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5774	-0.102128014	-1.137358e-01	-0.399005150
## FALSE_5775	0.498614361	2.954145e-01	-0.399005150

## FALSE_5776	-0.402499201	-9.175664e-02	-0.399005150
## FALSE_5777	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5778	-0.102128014	-1.481134e-01	-0.399005150
## FALSE_5779	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5780	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5781	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5782	2.601212673	2.110855e+00	0.385191606
## FALSE_5783	-0.102128014	7.675016e-02	-0.399005150
## FALSE_5784	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5785	1.399727924	-6.301467e-02	-0.399005150
## FALSE_5786	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5787	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5788	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5789	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5790	-0.402499201	-4.039732e-01	0.385191606
## FALSE_5791	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5792	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_5793	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5794	-0.402499201	-3.712863e-01	1.953585117
## TRUE_5795	0.498614361	-7.334675e-02	-0.399005150
## FALSE_5796	-0.402499201	-2.863754e-01	1.953585117
## FALSE_5797	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5798	1.700099111	2.351766e+00	4.306175383
## FALSE_5799	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5800	0.798985549	1.501386e-02	1.953585117
## FALSE_5801	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5802	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_5803	-0.402499201	-2.760433e-01	-0.399005150
## FALSE_5804	0.498614361	2.012606e+00	-0.399005150
## FALSE_5805	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5806	2.000470298	5.643303e-01	-0.399005150
## FALSE_5807	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5808	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5809	-0.402499201	-1.819275e-01	-0.399005150
## TRUE_5810	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5811	1.099356736	3.346294e-01	-0.399005150
## FALSE_5812	0.798985549	1.252170e-01	0.385191606
## FALSE_5813	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5814	1.700099111	1.723876e-01	-0.399005150
## FALSE_5815	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5816	0.498614361	8.216742e-01	1.953585117
## FALSE_5817	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5818	-0.102128014	-2.506828e-01	-0.399005150
## FALSE_5819	-0.102128014	1.048905e+00	-0.399005150
## FALSE_5820	0.198243174	1.471962e-01	-0.399005150
## FALSE_5821	2.901583861	8.490663e-01	0.385191606
## FALSE_5822	0.198243174	-1.732139e-01	0.385191606
## FALSE_5823	3.502326235	2.943056e+00	1.169388361
## TRUE_5824	0.798985549	4.875912e-01	-0.399005150
## FALSE_5825	-0.402499201	-3.577607e-01	-0.399005150
## FALSE_5826	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5827	-0.402499201	-4.293338e-01	1.953585117
## FALSE_5828	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5829	0.498614361	8.899786e-01	1.169388361

## FALSE_5830	2.300841486	5.108540e-01	-0.399005150
## FALSE_5831	0.198243174	-2.388479e-01	-0.399005150
## FALSE_5832	-0.402499201	-3.014039e-01	-0.399005150
## FALSE_5833	-0.102128014	7.490867e-01	1.953585117
## FALSE_5834	0.798985549	4.086917e-01	-0.399005150
## TRUE_5835	-0.102128014	4.703084e-01	-0.399005150
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## FALSE_5838	3.802697423	4.922876e-01	-0.399005150
## FALSE_5839	1.099356736	5.349309e-01	1.169388361
## TRUE_5840	-0.102128014	-3.588878e-01	1.169388361
## FALSE_5841	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5842	0.198243174	-4.586366e-04	-0.399005150
## FALSE_5843	0.498614361	3.290407e-01	-0.399005150
## FALSE_5844	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5845	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5846	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5847	2.000470298	9.636235e-01	0.385191606
## FALSE_5848	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5849	0.798985549	-2.161642e-01	0.385191606
## TRUE_5850	0.498614361	3.027409e-01	-0.399005150
## FALSE_5851	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5852	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5853	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5854	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5855	0.798985549	-7.702336e-02	0.385191606
## FALSE_5856	-0.402499201	2.666725e-01	0.385191606
## FALSE_5857	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5858	2.601212673	1.581476e+00	-0.399005150
## FALSE_5859	0.198243174	5.082604e-02	1.953585117
## FALSE_5860	1.700099111	3.827858e+00	1.953585117
## FALSE_5861	1.099356736	-8.048528e-02	-0.399005150
## FALSE_5862	-0.402499201	-3.633964e-01	-0.399005150
## FALSE_5863	-0.402499201	8.368525e+00	-0.399005150
## FALSE_5864	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5865	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5866	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5867	0.198243174	-1.266978e-01	-0.399005150
## FALSE_5868	0.198243174	-1.777007e-01	-0.399005150
## FALSE_5869	1.700099111	4.777851e-01	0.385191606
## FALSE_5870	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5871	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_5872	0.798985549	8.998411e-01	-0.399005150
## FALSE_5873	0.498614361	-1.851261e-01	2.737781872
## FALSE_5874	0.198243174	-1.212500e-01	-0.399005150
## FALSE_5875	0.498614361	2.801982e-01	-0.399005150
## FALSE_5876	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5877	0.498614361	-2.225044e-01	-0.399005150
## TRUE_5878	0.198243174	-1.058458e-01	0.385191606
## FALSE_5879	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5880	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5881	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5882	0.198243174	-6.094315e-03	1.169388361
## FALSE_5883	0.198243174	-3.870662e-01	0.385191606

## FALSE_5884	0.198243174	4.575393e-02	-0.399005150
## FALSE_5885	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5886	1.099356736	5.405665e-01	-0.399005150
## TRUE_5887	0.498614361	1.246534e-01	-0.399005150
## FALSE_5888	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5889	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5890	0.198243174	8.364397e-01	-0.399005150
## FALSE_5891	2.300841486	8.265772e-01	-0.399005150
## FALSE_5892	2.901583861	1.689681e+00	0.385191606
## FALSE_5893	1.099356736	6.019954e-01	-0.399005150
## FALSE_5894	-0.402499201	-2.506828e-01	-0.399005150
## FALSE_5895	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_5896	-0.102128014	-2.675898e-01	-0.399005150
## FALSE_5897	0.498614361	-1.593848e-01	-0.399005150
## FALSE_5898	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5899	1.700099111	4.874033e-01	-0.399005150
## FALSE_5900	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5901	-0.102128014	-2.281401e-01	-0.399005150
## FALSE_5902	0.498614361	4.425057e-01	1.169388361
## TRUE_5903	-0.102128014	-4.096089e-01	-0.399005150
## FALSE_5904	0.198243174	7.490867e-01	-0.399005150
## TRUE_5905	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5906	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5907	0.198243174	-2.957682e-01	-0.399005150
## FALSE_5908	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5909	0.498614361	-3.138024e-01	-0.399005150
## FALSE_5910	0.498614361	-1.229783e-01	0.385191606
## TRUE_5911	2.000470298	1.792814e+00	3.521978628
## FALSE_5912	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5913	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5914	1.099356736	1.479471e+00	1.953585117
## TRUE_5915	0.498614361	1.513290e-01	-0.399005150
## FALSE_5916	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5917	-0.702870388	-4.603300e-01	1.953585117
## FALSE_5918	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5919	3.201955048	1.842408e+00	-0.399005150
## FALSE_5920	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5921	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5922	-0.402499201	-3.408536e-01	-0.399005150
## TRUE_5923	-0.102128014	5.589815e-02	1.169388361
## FALSE_5924	-0.402499201	-2.581919e-02	-0.399005150
## TRUE_5925	0.198243174	-8.048528e-02	1.169388361
## FALSE_5926	1.099356736	5.253610e+00	0.385191606
## FALSE_5927	1.399727924	2.028015e-01	-0.399005150
## FALSE_5928	0.798985549	1.800423e+00	-0.399005150
## FALSE_5929	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5930	0.498614361	7.020287e-01	-0.399005150
## FALSE_5931	0.198243174	2.651692e+00	0.385191606
## FALSE_5932	1.099356736	2.751261e-01	1.169388361
## FALSE_5933	0.498614361	-9.062950e-02	-0.399005150
## FALSE_5934	-0.702870388	-4.603300e-01	0.385191606
## TRUE_5935	1.099356736	-1.937624e-01	-0.399005150
## FALSE_5936	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5937	0.198243174	-1.357149e-01	-0.399005150

## FALSE_5938	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5939	-0.402499201	-1.481134e-01	-0.399005150
## FALSE_5940	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5941	1.700099111	1.988879e-01	6.658765650
## FALSE_5942	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5943	1.700099111	4.833644e-01	0.385191606
## FALSE_5944	0.498614361	-2.788612e-01	1.169388361
## FALSE_5945	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5946	1.099356736	1.038014e-01	-0.399005150
## FALSE_5947	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5948	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5949	1.099356736	-6.921392e-02	0.385191606
## FALSE_5950	1.099356736	1.162745e+00	-0.399005150
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## FALSE_5953	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5954	-0.102128014	-3.419808e-01	-0.399005150
## FALSE_5955	-0.702870388	-4.603300e-01	1.169388361
## FALSE_5956	0.498614361	-1.374056e-01	-0.399005150
## FALSE_5957	0.198243174	-2.315215e-01	-0.399005150
## FALSE_5958	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5959	1.099356736	5.364388e-02	0.385191606
## FALSE_5960	-0.102128014	-3.633964e-01	-0.399005150
## TRUE_5961	0.198243174	-3.138024e-01	-0.399005150
## FALSE_5962	0.798985549	1.193935e-01	-0.399005150
## FALSE_5963	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5964	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5965	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5966	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5967	2.601212673	1.640280e-01	3.521978628
## FALSE_5968	-0.402499201	-3.803034e-01	1.169388361
## FALSE_5969	-0.102128014	-2.394114e-01	-0.399005150
## FALSE_5970	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5971	0.798985549	1.415605e-01	-0.399005150
## TRUE_5972	0.798985549	7.290800e-01	-0.399005150
## FALSE_5973	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_5974	2.300841486	3.488214e+00	-0.399005150
## FALSE_5975	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5976	-0.102128014	-3.893205e-01	-0.399005150
## FALSE_5977	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5978	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5979	0.198243174	1.178906e-01	-0.399005150
## FALSE_5980	1.700099111	3.241565e-01	-0.399005150
## TRUE_5981	1.099356736	2.968798e-01	-0.399005150
## FALSE_5982	0.498614361	-8.893880e-02	-0.399005150
## FALSE_5983	-0.702870388	-4.603300e-01	0.385191606
## FALSE_5984	0.498614361	-7.015320e-02	1.953585117
## FALSE_5985	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5986	-0.402499201	-5.117975e-02	-0.399005150
## FALSE_5987	3.502326235	6.420351e+00	2.737781872
## FALSE_5988	1.099356736	3.791978e+00	-0.399005150
## FALSE_5989	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5990	-0.402499201	-2.010888e-01	-0.399005150
## FALSE_5991	-0.402499201	-3.014039e-01	-0.399005150

## FALSE_5992	1.099356736	1.765017e-01	-0.399005150
## FALSE_5993	1.700099111	5.249579e+00	2.737781872
## TRUE_5994	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5995	1.700099111	2.779439e-01	-0.399005150
## FALSE_5996	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_5997	0.498614361	1.161999e-01	-0.399005150
## TRUE_5998	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_5999	0.498614361	9.948074e-02	0.385191606
## TRUE_6000	-0.102128014	-3.633964e-01	-0.399005150
## FALSE_6001	0.198243174	-1.387155e-02	1.169388361
## FALSE_6002	-0.402499201	-1.706561e-01	-0.399005150
## FALSE_6003	1.099356736	6.137281e-02	0.385191606
## FALSE_6004	-0.102128014	1.759381e-01	-0.399005150
## FALSE_6005	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6006	0.198243174	-8.161241e-02	-0.399005150
## FALSE_6007	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6008	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6009	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6010	0.498614361	-6.602037e-02	-0.399005150
## FALSE_6011	0.798985549	-1.717782e-02	-0.399005150
## TRUE_6012	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6013	1.099356736	5.916634e-01	1.169388361
## FALSE_6014	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6015	-0.102128014	3.579705e-01	-0.399005150
## FALSE_6016	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6017	1.099356736	1.380664e-01	1.169388361
## FALSE_6018	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6019	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6020	0.798985549	3.320464e-01	-0.399005150
## FALSE_6021	-0.102128014	-2.459488e-01	-0.399005150
## FALSE_6022	-0.102128014	-4.096089e-01	-0.399005150
## FALSE_6023	1.099356736	2.020955e+00	0.385191606
## FALSE_6024	2.000470298	7.582728e-01	0.385191606
## FALSE_6025	1.399727924	4.098188e-01	-0.399005150
## FALSE_6026	0.798985549	4.019288e-01	-0.399005150
## FALSE_6027	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6028	-0.402499201	-2.394114e-01	-0.399005150
## FALSE_6029	0.198243174	-2.484285e-01	-0.399005150
## FALSE_6030	-0.402499201	-2.044702e-01	-0.399005150
## TRUE_6031	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6032	0.198243174	4.801330e-03	0.385191606
## FALSE_6033	-0.402499201	8.223505e-01	-0.399005150
## FALSE_6034	-0.102128014	2.666725e-01	-0.399005150
## FALSE_6035	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6036	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6037	0.198243174	1.081930e+00	-0.399005150
## TRUE_6038	0.798985549	-2.766069e-01	-0.399005150
## FALSE_6039	-0.102128014	-3.352180e-01	-0.399005150
## FALSE_6040	0.498614361	1.691372e+00	-0.399005150
## FALSE_6041	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6042	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6043	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6044	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6045	-0.702870388	-4.603300e-01	1.953585117

## FALSE_6046	0.498614361	1.924126e+00	-0.399005150
## FALSE_6047	0.198243174	1.246534e-01	-0.399005150
## FALSE_6048	3.802697423	1.294694e-01	0.385191606
## FALSE_6049	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6050	0.498614361	7.333068e-01	-0.399005150
## FALSE_6051	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6052	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6053	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6054	1.399727924	-1.512533e-01	5.090372139
## FALSE_6055	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6056	-0.402499201	-4.203167e-01	-0.399005150
## FALSE_6057	2.601212673	1.035567e+00	1.169388361
## FALSE_6058	-0.402499201	-2.450471e-01	-0.399005150
## FALSE_6059	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6060	-0.402499201	6.521530e-01	-0.399005150
## FALSE_6061	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6062	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6063	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6064	-0.402499201	-1.312064e-01	-0.399005150
## FALSE_6065	1.099356736	1.429130e-01	1.953585117
## FALSE_6066	-0.102128014	-3.014039e-01	0.385191606
## FALSE_6067	0.498614361	7.203447e-01	-0.399005150
## FALSE_6068	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6069	0.198243174	-3.307094e-01	-0.399005150
## FALSE_6070	0.498614361	1.917180e-01	-0.399005150
## FALSE_6071	0.198243174	-2.281401e-01	0.385191606
## FALSE_6072	2.901583861	9.796799e-01	-0.399005150
## FALSE_6073	1.700099111	1.522683e-01	-0.399005150
## FALSE_6074	0.498614361	-2.675898e-01	-0.399005150
## FALSE_6075	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6076	0.198243174	-2.394114e-01	-0.399005150
## FALSE_6077	0.498614361	8.601095e-01	-0.399005150
## TRUE_6078	0.798985549	-2.122662e-01	-0.399005150
## FALSE_6079	0.498614361	-3.476165e-01	-0.399005150
## TRUE_6080	1.700099111	1.988230e-01	2.737781872
## FALSE_6081	0.198243174	3.410635e-01	-0.399005150
## FALSE_6082	2.000470298	2.365869e+00	-0.399005150
## FALSE_6083	1.099356736	7.067788e-01	0.385191606
## TRUE_6084	-0.402499201	-3.803034e-01	-0.399005150
## FALSE_6085	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6086	2.300841486	1.310714e+01	1.953585117
## TRUE_6087	1.099356736	-1.201229e-01	1.953585117
## FALSE_6088	1.099356736	-1.785410e-02	0.385191606
## FALSE_6089	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_6090	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6091	0.498614361	2.008478e-01	1.169388361
## FALSE_6092	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6093	-0.102128014	-7.935814e-02	-0.399005150
## FALSE_6094	-0.102128014	-3.427271e-02	1.169388361
## FALSE_6095	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6096	-0.402499201	3.145758e-01	0.385191606
## TRUE_6097	0.198243174	4.265431e-02	-0.399005150
## FALSE_6098	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6099	2.000470298	5.762587e+00	-0.399005150

## FALSE_6100	-0.402499201	-1.424777e-01	0.385191606
## TRUE_6101	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6102	0.198243174	-4.554407e-02	-0.399005150
## FALSE_6103	0.198243174	3.962932e-01	0.385191606
## FALSE_6104	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6105	-0.402499201	-9.175664e-02	-0.399005150
## FALSE_6106	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6107	1.700099111	1.113527e+00	-0.399005150
## FALSE_6108	0.798985549	1.333319e+00	-0.399005150
## FALSE_6109	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6110	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6111	2.901583861	7.662705e-01	2.737781872
## FALSE_6112	1.399727924	1.331333e+00	2.737781872
## TRUE_6113	0.498614361	-2.895690e-01	-0.399005150
## TRUE_6114	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6115	1.700099111	1.168381e+00	-0.399005150
## FALSE_6116	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6117	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6118	0.198243174	-2.717226e-01	-0.399005150
## FALSE_6119	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6120	0.198243174	-1.764421e-01	2.737781872
## FALSE_6121	0.498614361	-1.732861e-01	-0.399005150
## FALSE_6122	0.498614361	-2.022159e-01	1.169388361
## FALSE_6123	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6124	-0.402499201	-4.603300e-01	0.385191606
## FALSE_6125	1.399727924	1.778525e+00	0.385191606
## TRUE_6126	1.399727924	1.340462e-01	-0.399005150
## FALSE_6127	2.000470298	1.266780e+00	-0.399005150
## FALSE_6128	0.198243174	-7.785529e-02	1.169388361
## TRUE_6129	0.798985549	3.320464e-01	-0.399005150
## FALSE_6130	0.798985549	-1.176808e-01	-0.399005150
## FALSE_6131	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6132	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6133	0.198243174	8.520368e-02	-0.399005150
## FALSE_6134	2.000470298	3.929864e+00	-0.399005150
## FALSE_6135	1.399727924	3.926482e+00	-0.399005150
## FALSE_6136	-0.102128014	-3.022090e-01	-0.399005150
## TRUE_6137	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6140	-0.402499201	-3.577607e-01	-0.399005150
## FALSE_6141	0.798985549	1.615854e+00	-0.399005150
## FALSE_6142	1.399727924	-1.541248e-01	-0.399005150
## TRUE_6143	0.798985549	3.448257e-02	-0.399005150
## FALSE_6144	1.399727924	-1.300793e-01	-0.399005150
## FALSE_6145	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6146	-0.102128014	6.127032e-01	0.385191606
## FALSE_6147	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6148	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6149	-0.102128014	7.434510e-01	2.737781872
## FALSE_6150	3.502326235	1.194493e+00	1.953585117
## FALSE_6151	-0.102128014	-4.208803e-01	-0.399005150
## TRUE_6152	-0.402499201	-3.352180e-01	-0.399005150
## FALSE_6153	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_6154	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6155	1.700099111	2.497655e-01	0.385191606
## FALSE_6156	0.498614361	-1.507434e-01	-0.399005150
## FALSE_6157	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6158	-0.402499201	-3.070396e-01	-0.399005150
## TRUE_6159	1.099356736	1.356331e+00	-0.399005150
## TRUE_6160	-0.402499201	-1.650205e-01	-0.399005150
## FALSE_6161	2.000470298	8.174713e-02	0.385191606
## TRUE_6162	4.103068610	9.725596e-01	1.953585117
## TRUE_6163	0.498614361	4.932268e-01	-0.399005150
## TRUE_6164	0.198243174	2.969225e-02	4.306175383
## FALSE_6165	0.798985549	-1.796732e-01	-0.399005150
## TRUE_6166	-0.102128014	-3.757949e-01	-0.399005150
## FALSE_6167	-0.702870388	-4.603300e-01	0.385191606
## TRUE_6168	-0.102128014	1.220229e+00	-0.399005150
## FALSE_6169	0.498614361	1.090045e+00	0.385191606
## TRUE_6170	-0.402499201	-2.957682e-01	0.385191606
## FALSE_6171	-0.102128014	-1.593848e-01	-0.399005150
## FALSE_6172	-0.102128014	-1.988345e-01	-0.399005150
## FALSE_6173	0.798985549	2.097522e-01	2.737781872
## FALSE_6174	2.601212673	4.970779e-01	1.169388361
## FALSE_6175	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6176	-0.402499201	-3.927019e-01	-0.399005150
## FALSE_6177	-0.402499201	-3.408536e-01	-0.399005150
## TRUE_6178	-0.402499201	-3.126752e-01	-0.399005150
## FALSE_6179	0.498614361	7.009955e-01	-0.399005150
## FALSE_6180	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_6181	-0.702870388	-4.659657e-01	-0.399005150
## FALSE_6182	2.300841486	1.032561e+00	0.385191606
## FALSE_6183	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6184	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6185	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6186	-0.402499201	-2.957682e-01	-0.399005150
## FALSE_6187	1.399727924	1.093432e-01	-0.399005150
## FALSE_6188	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6189	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6190	-0.402499201	-2.394114e-01	-0.399005150
## TRUE_6191	1.099356736	1.419394e+00	-0.399005150
## TRUE_6192	2.901583861	2.751021e+00	-0.399005150
## FALSE_6193	0.498614361	-1.853089e-01	-0.399005150
## FALSE_6194	3.802697423	1.256204e+00	-0.399005150
## FALSE_6195	-0.402499201	-3.577607e-01	-0.399005150
## FALSE_6196	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6197	-0.102128014	-3.014039e-01	-0.399005150
## FALSE_6198	-0.102128014	5.177042e-03	4.306175383
## FALSE_6199	0.798985549	-2.360300e-01	1.169388361
## FALSE_6200	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6201	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6202	0.198243174	-1.585772e-03	-0.399005150
## TRUE_6203	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6204	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6205	0.198243174	-1.875632e-01	-0.399005150
## FALSE_6206	-0.402499201	-3.977740e-01	-0.399005150
## FALSE_6207	-0.102128014	-1.568487e-01	-0.399005150

## FALSE_6208	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6210	-0.102128014	-3.295823e-01	-0.399005150
## TRUE_6211	-0.402499201	-2.957682e-01	-0.399005150
## FALSE_6212	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6213	-0.102128014	-3.055367e-01	1.953585117
## TRUE_6214	0.798985549	1.901019e+00	-0.399005150
## FALSE_6215	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6216	-0.102128014	-1.138485e-01	-0.399005150
## FALSE_6217	1.099356736	1.055386e+00	1.169388361
## FALSE_6218	2.000470298	5.457514e-01	1.953585117
## FALSE_6219	-0.102128014	5.270409e-01	-0.399005150
## FALSE_6220	0.498614361	8.286624e-01	-0.399005150
## FALSE_6221	0.198243174	-6.094315e-03	-0.399005150
## FALSE_6222	1.700099111	3.654848e-01	-0.399005150
## TRUE_6223	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6224	1.700099111	1.096786e-01	-0.399005150
## FALSE_6225	2.601212673	6.771754e-01	-0.399005150
## FALSE_6226	-0.402499201	2.687014e-01	-0.399005150
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## TRUE_6231	2.000470298	1.254049e-01	-0.399005150
## FALSE_6232	5.604924547	4.294779e-01	1.953585117
## TRUE_6233	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6234	0.498614361	4.425619e-03	-0.399005150
## FALSE_6235	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6236	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6237	-0.402499201	7.393233e-02	-0.399005150
## TRUE_6238	-0.402499201	-3.408536e-01	-0.399005150
## TRUE_6239	-0.102128014	-7.146819e-02	-0.399005150
## FALSE_6240	1.700099111	1.889002e-01	0.385191606
## FALSE_6241	0.498614361	2.091886e-01	-0.399005150
## FALSE_6242	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6243	1.700099111	1.212678e+00	5.874568895
## FALSE_6244	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6245	2.601212673	1.577531e+00	2.737781872
## FALSE_6246	1.399727924	-1.161028e-01	-0.399005150
## FALSE_6247	1.099356736	-5.737899e-02	-0.399005150
## FALSE_6248	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6249	2.300841486	4.915737e-01	1.169388361
## TRUE_6250	-0.102128014	-2.213773e-01	-0.399005150
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## TRUE_6253	1.399727924	1.021107e-01	3.521978628
## FALSE_6254	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6255	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6256	-0.102128014	-2.168687e-01	0.385191606
## FALSE_6257	-0.102128014	-1.424777e-01	0.385191606
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## TRUE_6259	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6260	-0.402499201	-3.014039e-01	-0.399005150
## FALSE_6261	-0.402499201	-3.464893e-01	4.306175383

## FALSE_6262	-0.102128014	-1.312064e-01	-0.399005150
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## FALSE_6266	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6268	2.601212673	2.197606e+00	2.737781872
## FALSE_6269	-0.102128014	9.012500e-01	-0.399005150
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## FALSE_6277	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6279	2.000470298	5.505900e-01	-0.399005150
## FALSE_6280	-0.702870388	-4.603300e-01	1.953585117
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## FALSE_6284	-0.102128014	-3.239466e-01	-0.399005150
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## FALSE_6293	-0.402499201	-4.603300e-01	1.169388361
## FALSE_6294	-0.402499201	-3.752313e-01	-0.399005150
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## FALSE_6297	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6304	-0.402499201	-4.603300e-01	1.953585117
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## TRUE_6308	0.198243174	-8.649667e-02	-0.399005150
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## FALSE_6310	1.399727924	9.609933e-02	1.169388361
## FALSE_6311	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6312	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6313	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6314	-0.402499201	-9.739231e-02	-0.399005150
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## FALSE_6316	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6317	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6318	-0.102128014	-3.239466e-01	-0.399005150
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## FALSE_6325	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6333	-0.102128014	3.230293e-01	-0.399005150
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## FALSE_6335	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6336	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6337	-0.102128014	-2.551913e-01	-0.399005150
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## FALSE_6341	-0.102128014	-2.138630e-01	-0.399005150
## FALSE_6342	2.300841486	2.798600e-01	1.169388361
## TRUE_6343	1.399727924	3.089401e-01	0.385191606
## FALSE_6344	0.498614361	1.090045e+00	1.169388361
## FALSE_6345	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6346	2.601212673	1.712600e+00	-0.399005150
## FALSE_6347	0.498614361	-1.248193e-01	-0.399005150
## FALSE_6348	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6350	-0.102128014	-9.739231e-02	-0.399005150
## FALSE_6351	-0.102128014	-2.844969e-01	1.169388361
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## TRUE_6354	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6355	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6356	1.399727924	2.125700e-01	-0.399005150
## FALSE_6357	0.198243174	-3.295823e-01	-0.399005150
## FALSE_6358	-0.402499201	-3.352180e-01	1.169388361
## FALSE_6359	0.198243174	7.189785e-03	-0.399005150
## FALSE_6360	-0.402499201	-4.490587e-01	-0.399005150
## TRUE_6361	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6362	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6368	-0.102128014	-8.687238e-02	0.385191606
## FALSE_6369	1.399727924	9.459648e-02	-0.399005150

## TRUE_6370	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6371	1.399727924	3.300077e+00	-0.399005150
## FALSE_6372	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6373	1.099356736	7.007889e-01	-0.399005150
## FALSE_6374	0.198243174	5.177042e-03	-0.399005150
## FALSE_6375	3.201955048	2.351310e+00	-0.399005150
## FALSE_6376	-0.102128014	1.584675e-01	-0.399005150
## FALSE_6377	1.700099111	1.917180e-01	-0.399005150
## FALSE_6378	3.802697423	3.795643e-01	1.169388361
## FALSE_6379	-0.102128014	-3.464893e-01	-0.399005150
## FALSE_6380	0.198243174	2.490192e-02	1.169388361
## FALSE_6381	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6382	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6383	2.601212673	4.632633e+00	0.385191606
## FALSE_6384	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6385	-0.402499201	-4.554407e-02	0.385191606
## FALSE_6386	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6387	-0.102128014	-3.014039e-01	-0.399005150
## TRUE_6388	2.000470298	8.741987e-01	-0.399005150
## FALSE_6389	-0.102128014	-3.243223e-01	-0.399005150
## TRUE_6390	0.198243174	-3.307094e-01	-0.399005150
## FALSE_6391	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6392	0.198243174	-6.094315e-03	1.169388361
## FALSE_6393	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6394	1.099356736	1.858254e-03	1.169388361
## FALSE_6395	3.502326235	1.885240e+00	-0.399005150
## FALSE_6396	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6397	1.399727924	2.466847e-01	0.385191606
## TRUE_6398	0.198243174	1.339706e+00	0.385191606
## FALSE_6399	0.498614361	2.035529e-01	-0.399005150
## FALSE_6400	-0.102128014	2.497655e-01	0.385191606
## FALSE_6401	-0.402499201	-4.377873e-01	-0.399005150
## FALSE_6402	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6404	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6405	-0.102128014	4.706841e-01	-0.399005150
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## FALSE_6407	-0.102128014	6.183389e-01	-0.399005150
## FALSE_6408	3.502326235	2.269940e+00	1.169388361
## FALSE_6409	3.802697423	1.902031e+00	-0.399005150
## FALSE_6410	0.498614361	3.847400e-01	-0.399005150
## FALSE_6411	0.798985549	-2.525613e-01	-0.399005150
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## FALSE_6413	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6414	0.798985549	-6.808678e-02	1.953585117
## TRUE_6415	-0.102128014	-1.312064e-01	-0.399005150
## FALSE_6416	0.198243174	6.788285e-01	-0.399005150
## FALSE_6417	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6418	-0.402499201	-2.670262e-01	-0.399005150
## FALSE_6419	-0.702870388	-4.603300e-01	1.953585117
## FALSE_6420	0.198243174	-6.057255e-02	1.953585117
## FALSE_6421	3.201955048	9.128031e-01	-0.399005150
## TRUE_6422	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6423	2.300841486	4.985807e-01	-0.399005150

## FALSE_6424	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6425	-0.402499201	2.948509e-01	-0.399005150
## TRUE_6426	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6427	-0.102128014	-7.992171e-02	1.169388361
## FALSE_6428	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6429	-0.402499201	-2.901325e-01	-0.399005150
## FALSE_6430	0.198243174	-1.830546e-01	-0.399005150
## FALSE_6431	-0.102128014	-4.586366e-04	0.385191606
## FALSE_6432	0.198243174	9.253007e-02	1.169388361
## FALSE_6433	-0.102128014	-8.273955e-02	-0.399005150
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## FALSE_6435	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6436	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6437	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6438	-0.102128014	3.899112e-02	-0.399005150
## FALSE_6439	1.399727924	4.132002e-01	-0.399005150
## FALSE_6440	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6441	0.798985549	-1.830546e-01	2.737781872
## TRUE_6442	-0.102128014	1.644840e-02	-0.399005150
## FALSE_6443	-0.402499201	1.926624e-02	-0.399005150
## TRUE_6444	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6445	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6446	-0.102128014	-3.239466e-01	-0.399005150
## FALSE_6447	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6448	-0.402499201	-2.844969e-01	-0.399005150
## FALSE_6449	-0.102128014	5.758886e-02	-0.399005150
## FALSE_6450	-0.102128014	-2.822426e-01	-0.399005150
## FALSE_6451	-0.102128014	9.872931e-02	-0.399005150
## FALSE_6452	1.099356736	5.264773e-01	-0.399005150
## FALSE_6453	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6454	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6455	2.300841486	-9.100011e-03	0.385191606
## FALSE_6456	0.498614361	-6.301467e-02	-0.399005150
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## FALSE_6458	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_6460	-0.402499201	-3.295823e-01	-0.399005150
## FALSE_6461	0.498614361	-3.983376e-01	-0.399005150
## TRUE_6462	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6463	0.798985549	5.200902e-01	-0.399005150
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## FALSE_6465	-0.402499201	-4.208803e-01	-0.399005150
## TRUE_6466	0.798985549	1.881576e+00	-0.399005150
## FALSE_6467	-0.102128014	-3.408536e-01	-0.399005150
## TRUE_6468	-0.402499201	-1.255707e-01	-0.399005150
## FALSE_6469	0.798985549	1.922816e-01	-0.399005150
## FALSE_6470	0.798985549	1.789433e+00	1.169388361
## FALSE_6471	0.798985549	1.421240e-01	-0.399005150
## FALSE_6472	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6476	-0.102128014	7.674965e-01	-0.399005150
## FALSE_6477	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_6478	0.198243174	7.378153e-01	-0.399005150
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## FALSE_6480	1.700099111	2.142039e-02	0.385191606
## FALSE_6481	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6482	-0.402499201	4.932268e-01	-0.399005150
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## TRUE_6484	-0.402499201	-3.352180e-01	-0.399005150
## FALSE_6485	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6487	2.300841486	4.076937e-01	-0.399005150
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## TRUE_6489	3.502326235	1.009095e+00	1.953585117
## FALSE_6490	-0.702870388	-4.603300e-01	-0.399005150
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## FALSE_6497	0.798985549	-2.179958e-01	-0.399005150
## FALSE_6498	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6499	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6500	0.498614361	-4.586366e-04	-0.399005150
## FALSE_6501	-0.702870388	-4.603300e-01	1.169388361
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## FALSE_6503	-0.102128014	1.159928e+00	1.169388361
## TRUE_6504	1.099356736	6.093218e-01	-0.399005150
## FALSE_6505	1.700099111	2.717447e-01	-0.399005150
## FALSE_6506	0.198243174	-1.781704e-01	-0.399005150
## FALSE_6507	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6508	-0.402499201	-4.434230e-01	-0.399005150
## FALSE_6509	0.198243174	-2.619541e-01	-0.399005150
## FALSE_6510	0.798985549	-2.816790e-01	1.953585117
## FALSE_6511	1.099356736	4.396879e-01	0.385191606
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## FALSE_6513	-0.102128014	8.223505e-01	-0.399005150
## FALSE_6514	2.000470298	7.541588e-01	0.385191606
## FALSE_6515	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6516	-0.402499201	-3.014039e-01	0.385191606
## FALSE_6517	1.700099111	5.169618e-01	-0.399005150
## TRUE_6518	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6519	1.700099111	7.648666e-01	1.169388361
## FALSE_6520	-0.102128014	-3.352180e-01	-0.399005150
## FALSE_6521	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6522	4.703810985	2.966952e+00	4.306175383
## FALSE_6523	0.198243174	2.045856e+00	-0.399005150
## FALSE_6524	1.700099111	1.660564e+00	1.953585117
## FALSE_6525	-0.402499201	-4.586366e-04	-0.399005150
## FALSE_6526	-0.102128014	-2.850604e-01	1.953585117
## FALSE_6527	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6528	2.000470298	1.200272e+00	1.169388361
## FALSE_6529	-0.102128014	-3.295823e-01	-0.399005150
## FALSE_6530	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6531	0.198243174	-1.943260e-01	-0.399005150

## FALSE_6532	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6533	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6534	4.103068610	1.312119e+00	-0.399005150
## TRUE_6535	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6536	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6537	-0.702870388	-4.603300e-01	1.169388361
## TRUE_6538	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6539	-0.102128014	3.296043e-01	2.737781872
## TRUE_6540	2.300841486	2.445501e+00	1.953585117
## FALSE_6541	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6542	-0.102128014	-3.464893e-01	-0.399005150
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## FALSE_6545	-0.702870388	-4.603300e-01	-0.399005150
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## TRUE_6547	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6548	0.798985549	5.480056e-01	0.385191606
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## FALSE_6555	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6556	-0.102128014	-1.481134e-01	1.169388361
## FALSE_6557	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6558	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6559	1.399727924	1.235263e-01	-0.399005150
## FALSE_6560	-0.102128014	5.676178e-01	-0.399005150
## FALSE_6561	3.802697423	6.135486e-01	1.169388361
## TRUE_6562	0.798985549	4.476212e-01	3.521978628
## FALSE_6563	-0.102128014	-2.732255e-01	-0.399005150
## FALSE_6564	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6565	1.700099111	1.278761e+00	-0.399005150
## TRUE_6566	0.498614361	8.896588e+00	-0.399005150
## TRUE_6567	-0.102128014	-2.563185e-01	-0.399005150
## FALSE_6568	3.201955048	4.687988e+00	1.953585117
## FALSE_6569	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6570	1.099356736	5.544679e-01	-0.399005150
## TRUE_6571	-0.402499201	-3.464893e-01	-0.399005150
## FALSE_6572	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6573	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6574	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6575	0.798985549	-4.103552e-02	-0.399005150
## FALSE_6576	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6577	0.198243174	7.280519e-02	-0.399005150
## FALSE_6578	-0.702870388	-4.603300e-01	0.385191606
## TRUE_6579	-0.102128014	-4.352462e-02	-0.399005150
## FALSE_6580	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6581	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6582	2.000470298	5.383123e-01	-0.399005150
## FALSE_6583	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6584	0.498614361	7.430804e-02	-0.399005150
## FALSE_6585	-0.102128014	-2.720984e-01	-0.399005150

## FALSE_6586	-0.102128014	3.500806e-01	1.169388361
## TRUE_6587	1.399727924	1.383865e+00	2.737781872
## TRUE_6588	-0.102128014	-3.690320e-01	-0.399005150
## FALSE_6589	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6590	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6591	0.798985549	-1.368421e-01	-0.399005150
## FALSE_6592	1.399727924	5.916634e-01	5.090372139
## TRUE_6593	0.198243174	-1.514948e-01	0.385191606
## FALSE_6594	-0.402499201	-3.070396e-01	-0.399005150
## FALSE_6595	5.004182173	1.466039e+00	0.385191606
## FALSE_6596	0.498614361	-6.094315e-03	-0.399005150
## FALSE_6597	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6598	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6599	0.198243174	8.967414e-01	0.385191606
## TRUE_6600	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6601	0.198243174	-3.701592e-01	-0.399005150
## FALSE_6602	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6603	-0.402499201	-1.650205e-01	-0.399005150
## TRUE_6604	-0.402499201	-4.152446e-01	-0.399005150
## FALSE_6605	5.304553360	6.637415e-01	5.090372139
## FALSE_6606	0.198243174	3.294159e+00	3.521978628
## FALSE_6607	0.198243174	-4.321516e-01	-0.399005150
## FALSE_6608	1.099356736	2.055343e+00	-0.399005150
## FALSE_6609	0.198243174	1.404333e-01	-0.399005150
## FALSE_6610	2.901583861	7.892573e-01	2.737781872
## FALSE_6611	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6612	4.703810985	4.808283e-01	-0.399005150
## TRUE_6613	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_6614	2.300841486	3.378700e-01	-0.399005150
## TRUE_6615	-0.102128014	-2.613906e-01	-0.399005150
## FALSE_6616	-0.402499201	-3.126752e-01	-0.399005150
## FALSE_6617	-0.102128014	-1.988345e-01	-0.399005150
## FALSE_6618	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6619	-0.702870388	-4.603300e-01	1.169388361
## TRUE_6620	-0.102128014	3.117580e-01	-0.399005150
## TRUE_6621	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6622	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6623	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6624	0.198243174	1.235263e-01	-0.399005150
## FALSE_6625	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6626	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6627	1.099356736	3.343007e-01	-0.399005150
## TRUE_6628	0.498614361	1.744911e+00	-0.399005150
## FALSE_6629	1.099356736	-4.723477e-02	0.385191606
## FALSE_6630	0.498614361	-2.337757e-01	0.385191606
## FALSE_6631	-0.102128014	5.445115e-01	1.169388361
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## FALSE_6634	2.901583861	5.464840e-01	-0.399005150
## FALSE_6635	0.498614361	-5.289729e-02	0.385191606
## FALSE_6636	1.099356736	2.723082e-01	1.169388361
## FALSE_6637	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6638	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6639	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_6640	1.399727924	1.518263e+00	0.385191606
## TRUE_6641	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6642	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6643	0.198243174	1.810102e-01	-0.399005150
## FALSE_6644	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6645	1.399727924	3.471500e-01	-0.399005150
## FALSE_6646	0.798985549	3.350897e-01	-0.399005150
## FALSE_6647	1.399727924	3.020834e-01	1.953585117
## FALSE_6648	2.300841486	2.464587e+00	-0.399005150
## TRUE_6649	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6650	-0.102128014	-2.863703e-02	-0.399005150
## FALSE_6651	-0.102128014	-1.819275e-01	1.169388361
## FALSE_6652	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6653	-0.402499201	-2.938897e-01	-0.399005150
## FALSE_6654	-0.102128014	-2.619541e-01	1.169388361
## FALSE_6655	0.498614361	-2.337757e-01	0.385191606
## FALSE_6656	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6657	-0.402499201	-3.239466e-01	-0.399005150
## FALSE_6658	-0.402499201	7.603580e-01	-0.399005150
## TRUE_6659	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6660	0.498614361	9.534791e-02	-0.399005150
## FALSE_6661	0.198243174	-1.285713e-02	-0.399005150
## FALSE_6662	2.000470298	2.301372e-01	-0.399005150
## FALSE_6663	0.498614361	1.471962e-01	1.953585117
## FALSE_6664	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6665	0.798985549	-6.695965e-02	-0.399005150
## TRUE_6666	-0.702870388	-4.603300e-01	3.521978628
## FALSE_6667	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6668	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6669	1.099356736	6.786407e-01	-0.399005150
## FALSE_6670	0.798985549	1.964195e-02	2.737781872
## FALSE_6671	-0.102128014	-3.070396e-01	-0.399005150
## TRUE_6672	-0.402499201	6.153383e-02	-0.399005150
## FALSE_6673	0.498614361	3.089401e-01	-0.399005150
## TRUE_6674	0.198243174	-1.500859e-01	-0.399005150
## FALSE_6675	-0.402499201	-3.690320e-01	0.385191606
## FALSE_6676	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6677	0.498614361	-3.414172e-01	1.169388361
## FALSE_6678	2.901583861	1.963897e+00	10.579749428
## FALSE_6679	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6680	-0.402499201	-5.681543e-02	-0.399005150
## TRUE_6681	0.798985549	-1.599484e-01	-0.399005150
## FALSE_6682	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_6683	-0.402499201	5.286189e-01	-0.399005150
## FALSE_6684	0.498614361	8.294941e-02	1.169388361
## FALSE_6685	1.700099111	1.161055e+00	-0.399005150
## FALSE_6686	2.901583861	3.857732e-01	-0.399005150
## FALSE_6687	-0.102128014	-6.245110e-02	-0.399005150
## TRUE_6688	0.198243174	-2.225044e-01	-0.399005150
## TRUE_6689	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6690	-0.102128014	9.685585e-03	1.169388361
## FALSE_6691	3.201955048	3.317646e-01	0.385191606
## FALSE_6692	2.000470298	2.074692e+00	-0.399005150
## FALSE_6693	1.399727924	2.353006e-01	-0.399005150

## FALSE_6694	0.198243174	-8.048528e-02	-0.399005150
## FALSE_6695	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6696	-0.402499201	-1.736567e-02	-0.399005150
## FALSE_6697	1.099356736	-1.633298e-01	-0.399005150
## FALSE_6698	1.399727924	-3.117309e-02	-0.399005150
## FALSE_6699	2.300841486	-1.773628e-03	-0.399005150
## FALSE_6700	0.198243174	-1.128904e-01	5.090372139
## FALSE_6701	1.700099111	5.974869e-01	-0.399005150
## FALSE_6702	2.300841486	2.803479e+00	-0.399005150
## FALSE_6703	-0.402499201	3.624791e-01	-0.399005150
## TRUE_6704	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6705	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6706	0.498614361	-3.472407e-01	0.385191606
## FALSE_6707	0.798985549	-1.116643e-02	-0.399005150
## FALSE_6708	1.700099111	4.507821e-01	-0.399005150
## FALSE_6709	0.198243174	1.047214e+00	-0.399005150
## FALSE_6710	0.198243174	1.146966e+00	-0.399005150
## TRUE_6711	-0.402499201	-3.014039e-01	-0.399005150
## FALSE_6712	3.201955048	9.290527e-01	-0.399005150
## FALSE_6713	0.798985549	1.804467e-01	-0.399005150
## TRUE_6714	2.300841486	7.527189e-01	1.169388361
## FALSE_6715	-0.102128014	-2.920111e-01	1.169388361
## FALSE_6716	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6717	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6718	0.498614361	-1.593848e-01	1.169388361
## FALSE_6719	-0.102128014	2.655454e-01	1.169388361
## TRUE_6720	0.198243174	7.400696e-01	-0.399005150
## FALSE_6721	-0.402499201	5.177042e-03	-0.399005150
## FALSE_6722	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6723	3.502326235	1.442162e+00	-0.399005150
## FALSE_6724	0.798985549	-6.639608e-02	-0.399005150
## FALSE_6725	0.198243174	6.829665e-02	-0.399005150
## FALSE_6726	-0.102128014	-2.863703e-02	-0.399005150
## TRUE_6727	-0.402499201	-1.988345e-01	-0.399005150
## TRUE_6728	-0.402499201	-3.577607e-01	-0.399005150
## FALSE_6729	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6730	2.300841486	7.501199e-01	1.953585117
## FALSE_6731	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6732	0.198243174	1.907219e+00	1.169388361
## TRUE_6733	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6734	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6735	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6736	1.099356736	3.899112e-02	-0.399005150
## TRUE_6737	-0.402499201	4.199630e-01	-0.399005150
## FALSE_6738	0.498614361	1.028241e+00	0.385191606
## FALSE_6739	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6740	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6741	3.201955048	9.819300e-01	-0.399005150
## FALSE_6742	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6743	0.798985549	-1.142994e-01	0.385191606
## TRUE_6744	-0.402499201	-3.927019e-01	-0.399005150
## FALSE_6745	5.004182173	8.381013e-01	1.953585117
## FALSE_6746	-0.702870388	-4.603300e-01	1.953585117
## FALSE_6747	-0.402499201	-3.521250e-01	-0.399005150

## FALSE_6748	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6749	-0.402499201	-3.408536e-01	0.385191606
## FALSE_6750	-0.402499201	-3.464893e-01	-0.399005150
## FALSE_6751	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6752	2.601212673	3.679828e+00	-0.399005150
## FALSE_6753	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6754	2.601212673	1.312660e-01	1.169388361
## FALSE_6755	0.198243174	-1.362785e-01	1.169388361
## FALSE_6756	-0.402499201	-3.295823e-01	-0.399005150
## FALSE_6757	-0.402499201	-3.746677e-01	1.169388361
## FALSE_6758	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6759	2.000470298	2.838614e-01	2.737781872
## FALSE_6760	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6761	-0.702870388	-4.603300e-01	0.385191606
## FALSE_6762	0.198243174	-1.312064e-01	-0.399005150
## FALSE_6763	0.798985549	8.065706e-01	-0.399005150
## FALSE_6764	0.498614361	-1.824911e-01	-0.399005150
## FALSE_6765	0.498614361	9.080128e-01	-0.399005150
## FALSE_6766	-0.402499201	-1.424777e-01	0.385191606
## FALSE_6767	-0.102128014	5.617994e-02	-0.399005150
## FALSE_6768	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6769	1.700099111	2.468723e-02	1.169388361
## FALSE_6770	1.099356736	8.465839e-01	-0.399005150
## FALSE_6771	0.498614361	3.951660e-01	-0.399005150
## FALSE_6772	-0.702870388	-4.603300e-01	0.385191606
## TRUE_6773	2.601212673	6.894878e+00	2.737781872
## FALSE_6774	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6775	0.798985549	1.562132e-01	2.737781872
## FALSE_6776	0.498614361	-2.750990e-02	-0.399005150
## FALSE_6777	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6778	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6779	-0.402499201	-4.265160e-01	-0.399005150
## FALSE_6780	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6781	0.198243174	2.193328e-01	1.953585117
## FALSE_6782	0.498614361	1.627882e-01	-0.399005150
## FALSE_6783	1.700099111	3.658605e-01	0.385191606
## TRUE_6784	0.798985549	3.703690e-01	-0.399005150
## FALSE_6785	0.198243174	-1.909446e-01	-0.399005150
## FALSE_6786	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6787	-0.102128014	-2.518099e-01	-0.399005150
## FALSE_6788	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6789	2.601212673	7.455487e-01	2.737781872
## FALSE_6790	2.300841486	7.581925e+00	0.385191606
## FALSE_6791	3.502326235	1.203322e+00	1.953585117
## FALSE_6792	1.700099111	6.473627e-01	-0.399005150
## TRUE_6793	-0.102128014	-3.526886e-01	-0.399005150
## FALSE_6794	1.099356736	-2.796126e-01	-0.399005150
## FALSE_6795	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6796	-0.402499201	-3.352180e-01	-0.399005150
## FALSE_6797	0.498614361	9.663421e-01	-0.399005150
## TRUE_6798	1.700099111	1.190924e+00	-0.399005150
## TRUE_6799	0.198243174	-1.988345e-01	-0.399005150
## FALSE_6800	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6801	-0.402499201	-4.377873e-01	-0.399005150

## FALSE_6802	-0.402499201	-4.039732e-01	-0.399005150
## FALSE_6803	2.000470298	1.093652e+00	0.385191606
## FALSE_6804	0.798985549	1.384791e+00	-0.399005150
## FALSE_6805	0.498614361	5.743806e-01	-0.399005150
## FALSE_6806	1.399727924	2.835796e-01	2.737781872
## FALSE_6807	1.099356736	1.100007e-01	1.169388361
## TRUE_6808	-0.402499201	-3.893205e-01	-0.399005150
## FALSE_6809	0.198243174	-1.250071e-01	-0.399005150
## FALSE_6810	0.798985549	-2.992435e-01	-0.399005150
## TRUE_6811	0.198243174	-4.039732e-01	-0.399005150
## FALSE_6812	2.601212673	5.872453e-02	-0.399005150
## TRUE_6813	1.700099111	1.113602e+00	-0.399005150
## FALSE_6814	2.000470298	1.853398e+00	-0.399005150
## TRUE_6815	0.498614361	2.779439e-01	-0.399005150
## TRUE_6816	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6817	-0.402499201	-3.464893e-01	-0.399005150
## FALSE_6818	2.601212673	4.165816e-01	-0.399005150
## FALSE_6819	3.502326235	5.722104e+00	0.385191606
## TRUE_6820	-0.702870388	-4.603300e-01	0.385191606
## TRUE_6821	-0.102128014	9.658724e-01	0.385191606
## FALSE_6822	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_6823	0.198243174	1.081272e-02	-0.399005150
## TRUE_6824	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6825	0.498614361	1.156363e-01	-0.399005150
## FALSE_6826	4.403439798	8.160026e-02	3.521978628
## TRUE_6827	0.798985549	5.353817e-01	1.953585117
## FALSE_6828	-0.402499201	-1.509313e-01	-0.399005150
## FALSE_6829	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6830	-0.402499201	3.861489e-01	0.385191606
## FALSE_6831	-0.402499201	-3.070396e-01	-0.399005150
## FALSE_6832	1.399727924	9.902937e-01	-0.399005150
## FALSE_6833	-0.102128014	-3.996257e-01	-0.399005150
## FALSE_6834	-0.402499201	3.955468e-02	-0.399005150
## FALSE_6835	0.198243174	9.588144e-01	1.169388361
## FALSE_6836	-0.102128014	2.148243e-01	0.385191606
## FALSE_6837	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6838	-0.402499201	-4.096089e-01	-0.399005150
## FALSE_6839	1.099356736	1.157110e+00	-0.399005150
## FALSE_6840	0.198243174	-2.608270e-01	-0.399005150
## FALSE_6841	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6842	2.601212673	1.478907e+00	1.169388361
## FALSE_6843	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6844	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6845	0.198243174	2.104821e-01	1.169388361
## FALSE_6846	0.498614361	2.937238e-01	-0.399005150
## FALSE_6847	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6848	0.798985549	-1.075365e-01	-0.399005150
## FALSE_6849	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6850	0.498614361	-1.109179e-01	0.385191606
## FALSE_6851	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6852	-0.102128014	-7.372246e-02	-0.399005150
## FALSE_6853	2.300841486	-1.567497e-02	-0.399005150
## FALSE_6854	0.798985549	1.964195e-02	0.385191606
## FALSE_6855	-0.402499201	-3.498707e-01	-0.399005150

## FALSE_6856	3.502326235	3.668317e-02	3.521978628
## FALSE_6857	0.498614361	1.269077e-01	-0.399005150
## FALSE_6858	0.198243174	5.026247e-02	-0.399005150
## TRUE_6859	1.700099111	2.114612e+00	-0.399005150
## TRUE_6860	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6861	3.201955048	1.951866e+00	1.169388361
## TRUE_6862	3.201955048	6.989291e-01	-0.399005150
## FALSE_6863	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6864	0.798985549	-2.365936e-01	-0.399005150
## TRUE_6865	-0.402499201	-1.706561e-01	-0.399005150
## FALSE_6866	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6867	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6868	1.700099111	7.870148e-01	1.169388361
## TRUE_6869	0.198243174	-1.960167e-01	-0.399005150
## FALSE_6870	2.000470298	2.408987e-01	-0.399005150
## FALSE_6871	0.498614361	1.795635e-03	-0.399005150
## FALSE_6872	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6873	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6874	0.498614361	-2.822426e-01	-0.399005150
## TRUE_6875	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6876	0.498614361	3.256438e+00	1.953585117
## FALSE_6877	2.000470298	3.010502e-01	-0.399005150
## FALSE_6878	1.099356736	1.573680e+00	2.737781872
## FALSE_6879	4.103068610	2.049520e+00	-0.399005150
## FALSE_6880	0.198243174	-1.819275e-01	-0.399005150
## FALSE_6881	0.498614361	-2.863703e-02	5.090372139
## FALSE_6882	0.198243174	-2.506828e-01	0.385191606
## FALSE_6883	0.198243174	-1.593848e-01	-0.399005150
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## FALSE_6885	0.198243174	-3.352180e-01	-0.399005150
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## TRUE_6888	-0.402499201	-3.667778e-01	-0.399005150
## FALSE_6889	3.201955048	7.765606e-01	-0.399005150
## FALSE_6890	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6891	1.099356736	4.912543e-01	-0.399005150
## TRUE_6892	0.498614361	5.871599e-02	1.169388361
## FALSE_6893	-0.402499201	-4.406052e-01	-0.399005150
## FALSE_6894	-0.702870388	-4.603300e-01	1.169388361
## FALSE_6895	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6896	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6897	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6898	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6899	2.000470298	1.227274e+00	1.169388361
## FALSE_6900	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6901	-0.102128014	1.442275e+00	-0.399005150
## FALSE_6902	0.498614361	2.210235e-01	-0.399005150
## FALSE_6903	0.198243174	-1.150508e-01	-0.399005150
## FALSE_6904	-0.402499201	4.537771e-01	-0.399005150
## FALSE_6905	-0.102128014	-2.157416e-01	-0.399005150
## FALSE_6906	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6907	-0.102128014	-1.368421e-01	1.169388361
## FALSE_6908	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6909	1.399727924	1.567768e-01	-0.399005150

## FALSE_6910	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6911	0.198243174	-8.273955e-02	-0.399005150
## FALSE_6912	3.201955048	1.312715e+00	-0.399005150
## TRUE_6913	-0.402499201	-3.126752e-01	0.385191606
## FALSE_6914	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6915	0.798985549	1.802588e-01	-0.399005150
## FALSE_6916	0.198243174	9.083936e-02	-0.399005150
## FALSE_6917	0.198243174	-1.819275e-01	2.737781872
## TRUE_6918	2.300841486	2.633658e+00	3.521978628
## FALSE_6919	0.498614361	-6.357824e-02	1.169388361
## FALSE_6920	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6921	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6922	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6923	0.798985549	-1.646447e-01	0.385191606
## FALSE_6924	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_6925	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6926	0.198243174	-1.250071e-01	-0.399005150
## FALSE_6927	2.300841486	2.884258e+00	0.385191606
## FALSE_6928	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6929	0.198243174	-2.920060e-02	-0.399005150
## FALSE_6930	0.798985549	-2.112330e-01	3.521978628
## TRUE_6931	1.399727924	1.782670e+00	-0.399005150
## FALSE_6932	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6933	0.798985549	-3.476165e-01	-0.399005150
## FALSE_6934	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6935	0.498614361	-1.526220e-01	1.169388361
## FALSE_6936	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6937	-0.402499201	-2.157416e-01	-0.399005150
## TRUE_6938	-0.102128014	-4.103552e-02	-0.399005150
## FALSE_6939	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6940	2.300841486	2.616809e-01	-0.399005150
## FALSE_6941	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6942	-0.102128014	1.158237e+00	-0.399005150
## FALSE_6943	1.700099111	-2.126419e-01	0.385191606
## FALSE_6944	-0.402499201	-2.957682e-01	-0.399005150
## FALSE_6945	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_6946	-0.102128014	-6.245110e-02	-0.399005150
## FALSE_6947	-0.102128014	-1.988345e-01	0.385191606
## FALSE_6948	-0.402499201	-4.321516e-01	-0.399005150
## FALSE_6949	-0.102128014	-1.993981e-01	-0.399005150
## FALSE_6950	1.700099111	-8.724809e-02	1.953585117
## FALSE_6951	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6952	0.198243174	-1.702053e-01	-0.399005150
## FALSE_6953	-0.102128014	-2.394114e-01	-0.399005150
## FALSE_6954	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6955	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6956	3.201955048	1.484073e+00	-0.399005150
## FALSE_6957	-0.402499201	2.148243e-01	-0.399005150
## TRUE_6958	0.798985549	7.727565e-01	-0.399005150
## FALSE_6959	2.601212673	1.645272e+00	6.658765650
## FALSE_6960	0.498614361	6.296103e-01	-0.399005150
## FALSE_6961	0.198243174	1.332943e+00	-0.399005150
## FALSE_6962	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6963	-0.702870388	-4.603300e-01	-0.399005150

## FALSE_6964	-0.102128014	-3.250737e-01	-0.399005150
## TRUE_6965	2.601212673	8.089376e-01	1.169388361
## FALSE_6966	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6967	0.198243174	-1.819275e-01	1.169388361
## FALSE_6968	0.198243174	-1.030280e-01	-0.399005150
## FALSE_6969	-0.402499201	-4.208803e-01	-0.399005150
## FALSE_6970	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6971	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6972	-0.102128014	3.376821e-01	-0.399005150
## FALSE_6973	2.601212673	8.927965e-01	0.385191606
## FALSE_6974	-0.402499201	-4.603300e-01	1.953585117
## FALSE_6975	1.099356736	1.550861e-01	-0.399005150
## FALSE_6976	-0.102128014	-3.427271e-02	1.169388361
## FALSE_6977	0.198243174	1.489615e+00	0.385191606
## FALSE_6978	0.198243174	-1.180565e-01	-0.399005150
## FALSE_6979	1.700099111	1.825882e-01	-0.399005150
## TRUE_6980	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6981	0.798985549	5.430138e-02	-0.399005150
## FALSE_6982	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6983	2.300841486	5.029560e-01	-0.399005150
## FALSE_6984	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6985	2.000470298	3.641698e-01	2.737781872
## FALSE_6986	-0.102128014	-2.585727e-01	-0.399005150
## FALSE_6987	-0.102128014	-5.117975e-02	-0.399005150
## FALSE_6988	-0.402499201	-3.295823e-01	-0.399005150
## TRUE_6989	0.798985549	4.051224e-01	-0.399005150
## FALSE_6990	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6991	-0.102128014	-3.295823e-01	-0.399005150
## FALSE_6992	-0.102128014	5.236595e-01	-0.399005150
## FALSE_6993	4.103068610	5.473268e-01	1.169388361
## FALSE_6994	-0.402499201	2.610369e-01	1.169388361
## FALSE_6995	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6996	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6997	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6998	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_6999	0.798985549	1.742488e+00	1.169388361
## TRUE_7000	2.300841486	1.180981e+00	-0.399005150
## FALSE_7001	-0.102128014	-1.193715e-01	-0.399005150
## TRUE_7002	0.498614361	7.736958e-01	-0.399005150
## TRUE_7003	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7004	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7005	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7006	1.700099111	1.136701e-01	2.737781872
## FALSE_7007	1.399727924	1.825220e+00	0.385191606
## FALSE_7008	0.198243174	-3.539985e-02	-0.399005150
## TRUE_7009	0.198243174	-3.427271e-02	-0.399005150
## FALSE_7010	1.099356736	2.415049e-02	0.385191606
## FALSE_7011	1.700099111	6.241624e-01	1.169388361
## TRUE_7012	0.798985549	3.066859e-01	-0.399005150
## FALSE_7013	-0.102128014	-2.337757e-01	1.169388361
## FALSE_7014	0.798985549	2.206285e+00	1.169388361
## FALSE_7015	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7016	0.498614361	1.464818e+00	-0.399005150
## TRUE_7017	-0.102128014	-3.183109e-01	-0.399005150

## TRUE_7018	-0.702870388	-4.603300e-01	3.521978628
## FALSE_7019	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7020	-0.402499201	-2.270129e-01	-0.399005150
## FALSE_7021	0.198243174	-9.851435e-03	-0.399005150
## FALSE_7022	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7023	1.099356736	6.803314e-01	0.385191606
## FALSE_7024	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7025	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7026	1.700099111	2.969549e-01	1.953585117
## FALSE_7027	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7028	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7029	-0.102128014	-3.464893e-01	-0.399005150
## FALSE_7030	0.498614361	6.716951e-02	-0.399005150
## FALSE_7031	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7032	-0.102128014	4.887183e-01	-0.399005150
## FALSE_7033	1.099356736	1.573404e-01	-0.399005150
## FALSE_7034	0.798985549	-1.405992e-01	0.385191606
## FALSE_7035	1.700099111	1.704715e-01	-0.399005150
## FALSE_7036	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7037	-0.402499201	-3.014039e-01	-0.399005150
## FALSE_7038	0.498614361	1.444529e+00	-0.399005150
## FALSE_7039	-0.102128014	5.591643e-01	-0.399005150
## FALSE_7040	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7041	2.300841486	1.443966e+00	0.385191606
## FALSE_7042	0.498614361	2.739989e-01	1.169388361
## FALSE_7043	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_7044	0.198243174	-1.878450e-01	1.169388361
## FALSE_7045	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7046	-0.102128014	-2.901325e-01	-0.399005150
## FALSE_7047	0.198243174	5.421445e-01	-0.399005150
## FALSE_7048	1.399727924	8.608610e-01	-0.399005150
## FALSE_7049	2.300841486	1.683670e+00	-0.399005150
## FALSE_7050	1.099356736	1.167635e-01	1.169388361
## TRUE_7051	-0.402499201	3.805133e-01	-0.399005150
## FALSE_7052	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7053	-0.402499201	2.272228e-01	-0.399005150
## FALSE_7054	3.802697423	1.694453e+00	1.169388361
## FALSE_7055	1.099356736	1.042706e+00	-0.399005150
## FALSE_7056	0.498614361	2.381743e+00	-0.399005150
## FALSE_7057	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7058	-0.402499201	-3.295823e-01	-0.399005150
## TRUE_7059	-0.402499201	5.177042e-03	-0.399005150
## TRUE_7060	2.000470298	3.448257e-02	0.385191606
## FALSE_7061	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7062	0.198243174	9.530982e-01	1.169388361
## FALSE_7063	0.798985549	5.024318e-01	-0.399005150
## FALSE_7064	0.798985549	9.829673e-01	1.169388361
## FALSE_7065	1.399727924	1.302510e+00	0.385191606
## FALSE_7066	1.099356736	1.000344e+00	-0.399005150
## FALSE_7067	1.399727924	1.236448e+00	-0.399005150
## FALSE_7068	-0.402499201	1.387426e-01	-0.399005150
## FALSE_7069	0.798985549	1.945359e-01	-0.399005150
## FALSE_7070	-0.102128014	-2.382843e-01	-0.399005150
## FALSE_7071	0.798985549	-2.712908e-03	-0.399005150

## FALSE_7072	0.198243174	-2.275765e-01	-0.399005150
## FALSE_7073	2.901583861	9.675682e-02	0.385191606
## FALSE_7074	-0.402499201	-2.873147e-01	-0.399005150
## FALSE_7075	-0.102128014	-1.137358e-01	-0.399005150
## FALSE_7076	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7077	-0.402499201	-2.450471e-01	0.385191606
## FALSE_7078	-0.702870388	-4.603300e-01	0.385191606
## FALSE_7079	3.802697423	4.226426e+00	-0.399005150
## FALSE_7080	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7081	-0.102128014	-4.554407e-02	-0.399005150
## FALSE_7082	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7083	2.000470298	1.186979e+00	-0.399005150
## FALSE_7084	-0.102128014	-3.160567e-01	-0.399005150
## TRUE_7085	-0.402499201	-4.039732e-01	-0.399005150
## FALSE_7086	0.798985549	1.432131e+00	-0.399005150
## FALSE_7087	2.901583861	6.852908e-01	2.737781872
## FALSE_7088	1.399727924	1.246717e+00	-0.399005150
## TRUE_7089	-0.102128014	-3.464893e-01	-0.399005150
## FALSE_7090	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7091	0.198243174	-1.931989e-01	-0.399005150
## FALSE_7092	-0.402499201	-1.142994e-01	-0.399005150
## TRUE_7093	1.700099111	1.533010e+00	4.306175383
## FALSE_7094	0.498614361	1.329191e-01	-0.399005150
## FALSE_7095	2.000470298	5.867791e-01	-0.399005150
## FALSE_7096	1.099356736	-2.625177e-01	-0.399005150
## FALSE_7097	0.798985549	3.618216e-01	-0.399005150
## TRUE_7098	-0.102128014	1.979173e-01	-0.399005150
## TRUE_7099	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7100	1.099356736	5.245049e-01	1.169388361
## FALSE_7101	-0.102128014	3.675512e-01	-0.399005150
## FALSE_7102	-0.402499201	1.528318e-01	-0.399005150
## FALSE_7103	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7104	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7105	2.000470298	1.984427e+00	1.169388361
## FALSE_7106	-0.402499201	-2.957682e-01	-0.399005150
## FALSE_7107	-0.102128014	-3.983376e-01	-0.399005150
## FALSE_7108	0.198243174	7.844087e-02	-0.399005150
## TRUE_7109	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7110	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7111	1.399727924	6.899120e-01	-0.399005150
## FALSE_7112	0.498614361	-2.781098e-01	-0.399005150
## TRUE_7113	1.700099111	1.797605e+00	-0.399005150
## FALSE_7114	0.198243174	2.077797e-01	-0.399005150
## FALSE_7115	-0.102128014	3.962932e-01	-0.399005150
## FALSE_7116	2.000470298	9.885654e-01	1.169388361
## TRUE_7117	-0.102128014	-2.694684e-01	2.737781872
## FALSE_7118	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7119	0.198243174	1.306699e-02	-0.399005150
## TRUE_7120	-0.102128014	-4.096089e-01	-0.399005150
## TRUE_7121	-0.102128014	-3.803034e-01	-0.399005150
## TRUE_7122	1.700099111	8.971223e-02	-0.399005150
## FALSE_7123	-0.402499201	-1.931989e-01	-0.399005150
## FALSE_7124	-0.702870388	-4.603300e-01	0.385191606
## FALSE_7125	2.000470298	4.321111e-01	1.953585117

## FALSE_7126	0.198243174	1.027489e+00	-0.399005150
## TRUE_7127	-0.402499201	-4.603300e-01	-0.399005150
## FALSE_7128	-0.702870388	-4.603300e-01	5.090372139
## FALSE_7129	-0.702870388	-4.659657e-01	-0.399005150
## TRUE_7130	0.198243174	5.026247e-02	-0.399005150
## FALSE_7131	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7132	-0.702870388	-4.603300e-01	-0.399005150
## TRUE_7133	-0.402499201	-4.034097e-01	-0.399005150
## FALSE_7134	-0.702870388	-4.603300e-01	0.385191606
## FALSE_7135	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7136	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7137	-0.702870388	-4.603300e-01	-0.399005150
## FALSE_7138	0.498614361	1.208958e+00	-0.399005150
## FALSE_7139	-0.402499201	-1.481134e-01	-0.399005150
## FALSE_7140	-0.402499201	8.347490e-01	-0.399005150
## FALSE_7141	-0.402499201	-2.672141e-01	1.169388361
## FALSE_7142	0.498614361	-2.634570e-01	-0.399005150
##	Informational_Duration	ProductRelated	ProductRelated_Duration
## FALSE_1	-0.2463912944	-0.696699452	-0.6285256378
## FALSE_2	-0.2463912944	-0.674267360	-0.5951807969
## FALSE_3	-0.2534639819	-0.696699452	-0.6290466509
## FALSE_4	-0.2463912944	-0.674267360	-0.6271362694
## FALSE_5	-0.2463912944	-0.494810625	-0.3015898934
## FALSE_6	-0.2463912944	-0.292921799	-0.5481767283
## FALSE_7	-0.2534639819	-0.696699452	-0.6290466509
## FALSE_8	-0.2534639819	-0.696699452	-0.6290466509
## FALSE_9	-0.2463912944	-0.674267360	-0.6092481517
## FALSE_10	-0.2463912944	-0.651835269	-0.2440179416
## FALSE_11	-0.2463912944	-0.651835269	-0.4227254481
## FALSE_12	-0.2463912944	-0.360218074	-0.4160825306
## FALSE_13	-0.2463912944	-0.562106901	-0.4823814525
## FALSE_14	-0.2463912944	-0.584538993	-0.5774663502
## FALSE_15	-0.2463912944	-0.674267360	-0.5930967444
## FALSE_16	-0.2463912944	-0.203193431	0.2406728278
## FALSE_17	-0.2534639819	-0.696699452	-0.6290466509
## FALSE_18	-0.2463912944	-0.427514350	-0.4540036035
## FALSE_19	-0.2463912944	-0.674267360	-0.6118532174
## FALSE_20	-0.2463912944	-0.270489707	0.9247013635
## FALSE_21	-0.2463912944	-0.539674809	-0.5575810154
## FALSE_22	-0.2534639819	-0.696699452	-0.6290466509
## FALSE_23	-0.2463912944	-0.651835269	-0.5738192583
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## FALSE_2	-0.4506018761	1.265601e+00	-0.3188628891 -0.3101433
## FALSE_3	3.9566048140	3.428959e+00	-0.3188628891 -0.3101433
## FALSE_4	0.6511997965	2.130944e+00	-0.3188628891 -0.3101433
## FALSE_5	-0.0098812071	1.839229e-01	-0.3188628891 -0.3101433
## FALSE_6	-0.1026644988	-3.664048e-01	-0.3188628891 -0.3101433
## FALSE_7	3.9566048140	3.428959e+00	-0.3188628891 1.6936451
## FALSE_8	3.9566048140	3.428959e+00	-0.3188628891 -0.3101433
## FALSE_9	-0.4506018761	1.265601e+00	-0.3188628891 3.6974335
## FALSE_10	-0.4506018761	-4.170096e-01	-0.3188628891 1.6936451
## FALSE_11	-0.4506018761	5.444825e-01	-0.3188628891 -0.3101433
## FALSE_12	-0.0374262489	-3.388884e-01	-0.3188628891 1.6936451
## FALSE_13	-0.4506018761	-2.796536e-01	-0.3188628891 -0.3101433
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## FALSE_75     -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433

```

## FALSE_76	-0.4506018761	-3.569164e-01	-0.3188628891	-0.3101433
## TRUE_77	-0.3547930369	-5.842256e-01	0.2945250903	-0.3101433
## FALSE_78	-0.4506018761	1.839229e-01	-0.3188628891	2.6955393
## FALSE_79	3.9566048140	3.428959e+00	-0.3188628891	4.6993277
## FALSE_80	3.9566048140	3.428959e+00	-0.3188628891	1.6936451
## FALSE_81	-0.4506018761	-2.796536e-01	-0.3188628891	-0.3101433
## FALSE_82	-0.4506018761	-5.371961e-01	-0.3188628891	3.6974335
## FALSE_83	-0.4506018761	-4.650842e-01	-0.3188628891	-0.3101433
## FALSE_84	-0.0833346446	3.642027e-01	-0.3188628891	-0.3101433
## FALSE_85	3.9566048140	3.428959e+00	-0.3188628891	3.6974335
## FALSE_86	3.9566048140	3.428959e+00	-0.3188628891	-0.3101433
## FALSE_87	0.8086000322	9.565505e-01	-0.3188628891	-0.3101433
## FALSE_88	-0.4506018761	5.444825e-01	-0.3188628891	-0.3101433
## FALSE_89	0.1789990891	-3.826706e-01	-0.3188628891	1.6936451
## FALSE_90	-0.4506018761	-7.269643e-01	-0.3188628891	-0.3101433
## FALSE_91	-0.4506018761	-6.432430e-01	-0.3188628891	1.6936451
## FALSE_92	3.9566048140	3.428959e+00	-0.3188628891	-0.3101433
## FALSE_93	-0.4506018761	1.265601e+00	-0.3188628891	-0.3101433
## FALSE_94	-0.4506018761	-5.649315e-01	-0.3188628891	-0.3101433
## FALSE_95	-0.3689869308	-3.368853e-01	-0.3188628891	2.6955393
## FALSE_96	-0.4506018761	1.265601e+00	-0.3188628891	0.6917509
## FALSE_97	0.6511997965	5.444825e-01	-0.3188628891	0.6917509
## FALSE_98	-0.4506018761	-3.569164e-01	-0.3188628891	2.6955393
## FALSE_99	0.3888660628	8.535335e-01	-0.3188628891	2.6955393
## FALSE_100	-0.3587850627	-2.126925e-01	-0.3188628891	-0.3101433
## FALSE_101	-0.4506018761	-7.041921e-01	-0.3188628891	1.6936451
## TRUE_102	-0.4506018761	-3.139926e-01	0.6214255158	4.6993277
## FALSE_103	-0.4506018761	-1.766366e-01	-0.3188628891	1.6936451
## FALSE_104	-0.4506018761	-6.054807e-01	-0.3188628891	3.6974335
## FALSE_105	-0.2950533943	-5.159867e-01	-0.3188628891	-0.3101433
## FALSE_106	2.8548031415	2.347280e+00	-0.3188628891	-0.3101433
## FALSE_107	0.5287773786	7.047311e-01	-0.3188628891	3.6974335
## FALSE_108	0.6511997965	5.444825e-01	-0.3188628891	-0.3101433
## FALSE_109	0.6511997965	5.444825e-01	-0.3188628891	3.6974335
## FALSE_110	-0.4317676562	-5.101151e-01	-0.3188628891	-0.3101433
## FALSE_111	-0.4506018761	-5.371961e-01	-0.3188628891	2.6955393
## FALSE_112	3.9566048140	3.428959e+00	-0.3188628891	1.6936451
## FALSE_113	3.9566048140	3.428959e+00	-0.3188628891	3.6974335
## FALSE_114	-0.2743136085	-3.785499e-01	-0.3188628891	0.6917509
## FALSE_115	-0.1662659563	-1.301128e-01	-0.3188628891	0.6917509
## FALSE_116	-0.4506018761	-7.775691e-01	-0.3188628891	-0.3101433
## FALSE_117	-0.4506018761	-6.173205e-01	-0.3188628891	3.6974335
## FALSE_118	-0.0499467264	-3.077492e-01	-0.3188628891	0.6917509
## FALSE_119	-0.4506018761	7.247622e-01	-0.3188628891	-0.3101433
## FALSE_120	-0.4506018761	1.505975e+00	-0.3188628891	-0.3101433
## FALSE_121	-0.4506018761	-1.766366e-01	-0.3188628891	-0.3101433
## FALSE_122	-0.4506018761	1.839229e-01	-0.3188628891	2.6955393
## FALSE_123	-0.4506018761	-1.541016e-01	-0.3188628891	3.6974335
## FALSE_124	-0.4506018761	5.444825e-01	-0.3188628891	-0.3101433
## FALSE_125	0.1664070605	1.687971e+00	-0.3188628891	-0.3101433
## FALSE_126	3.9566048140	3.428959e+00	-0.3188628891	-0.3101433
## FALSE_127	-0.4506018761	-1.638791e-02	-0.3188628891	1.6936451
## FALSE_128	-0.4506018761	1.839229e-01	-0.3188628891	1.6936451
## FALSE_129	-0.4506018761	-7.344834e-01	-0.3188628891	2.6955393


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## FALSE_130    2.4875359100    2.707840e+00 -0.3188628891 -0.3101433
## FALSE_131   -0.4506018761    1.265601e+00 -0.3188628891 -0.3101433
## FALSE_132   -0.4506018761  -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_133    3.9566048140    3.428959e+00 -0.3188628891 -0.3101433
## FALSE_134   -0.4506018761  -6.573826e-01 -0.3188628891  3.6974335
## FALSE_135   -0.4506018761  -4.971339e-01 -0.3188628891  2.6955393
## FALSE_136   -0.4506018761  -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_137   -0.3281794582    1.037986e-01 -0.3188628891 -0.3101433
## FALSE_138   -0.4506018761    5.444825e-01 -0.3188628891 -0.3101433
## FALSE_139    0.6511997965    2.347280e+00 -0.3188628891  1.6936451
## FALSE_140   -0.4506018761  -5.075030e-01 -0.3188628891  0.6917509
## FALSE_141    3.9566048140    3.428959e+00 -0.3188628891 -0.3101433
## FALSE_142   -0.4506018761  -6.413578e-01 -0.3188628891  0.6917509
## FALSE_143   -0.4506018761  -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_144    3.9566048140    3.428959e+00 -0.3188628891 -0.3101433
## FALSE_145   -0.4506018761  -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_146    1.0184670280    5.444825e-01 -0.3188628891  1.6936451
## FALSE_147   -0.4506018761  -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_148   -0.4506018761    1.839229e-01 -0.3188628891 -0.3101433
## FALSE_149   -0.2932016403  -2.410222e-01 -0.3188628891 -0.3101433
## FALSE_150   -0.4506018761  -3.077492e-01 -0.3188628891  3.6974335
## FALSE_151   -0.2853316252  -2.884100e-01 -0.3188628891 -0.3101433
## FALSE_152    3.9566048140    3.428959e+00 -0.3188628891  1.6936451
## FALSE_153    1.7530014690    2.347280e+00 -0.3188628891 -0.3101433
## FALSE_154   -0.4506018761  -3.284511e-01 -0.3188628891  0.6917509
## FALSE_155   -0.4506018761  -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_156    0.2839325649    1.824261e-01 -0.3188628891 -0.3101433
## FALSE_157    3.9566048140    3.428959e+00 -0.3188628891 -0.3101433
## FALSE_158   -0.4506018761  -1.766366e-01 -0.3188628891  3.6974335
## FALSE_159    3.9566048140    3.428959e+00 -0.3188628891 -0.3101433
## FALSE_160   -0.2589841977  -4.901666e-01 -0.3188628891  2.6955393
## FALSE_161    0.2171567067  -1.930152e-02 -0.3188628891 -0.3101433
## FALSE_162   -0.1152709390  -6.281198e-01 -0.3188628891 -0.3101433
## FALSE_163   -0.4506018761  -5.371961e-01 -0.3188628891  1.6936451
## FALSE_164   -0.2589841977  -6.469316e-01 -0.3188628891  2.6955393
## FALSE_165   -0.4506018761  -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_166   -0.4506018761  -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_167    1.4591876970    2.707840e+00 -0.3188628891 -0.3101433
## FALSE_168   -0.0499467264    4.789262e-01 -0.3188628891 -0.3101433
## FALSE_169   -0.4506018761  -5.840689e-01 -0.3188628891  3.6974335
## FALSE_170   -0.4506018761  -4.831122e-01 -0.3188628891  3.6974335
## FALSE_171   -0.2057570624  -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_172    1.0184670280    1.265601e+00 -0.3188628891  2.6955393
## FALSE_173    3.9566048140    3.428959e+00 -0.3188628891  3.6974335
## FALSE_174   -0.4506018761  -7.116604e-01 -0.3188628891  4.6993277
## FALSE_175   -0.4506018761  -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_176   -0.4506018761  -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_177   -0.2138510958    1.190792e-01 -0.3188628891 -0.3101433
## FALSE_178    0.2839325649  -1.766366e-01 -0.3188628891  2.6955393
## FALSE_179   -0.4506018761  -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_180    3.9566048140    3.428959e+00 -0.3188628891  2.6955393
## FALSE_181    3.9566048140    3.428959e+00 -0.3188628891 -0.3101433
## FALSE_182   -0.2669682713  -3.569164e-01 -0.3188628891  3.6974335
## FALSE_183   -0.3806462182  -6.216204e-01 -0.3188628891 -0.3101433

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## FALSE_184 -0.2057570624 -3.082694e-01 0.1101415229 -0.3101433
## FALSE_185 -0.4506018761 -7.606016e-01 -0.3188628891 -0.3101433
## FALSE_186 -0.4073939743 -6.054988e-01 -0.3188628891 -0.3101433
## TRUE_187 -0.4506018761 -4.497487e-01 -0.2273853659 -0.3101433
## FALSE_188 -0.2932016403 -5.358716e-01 2.1761123962 -0.3101433
## FALSE_189 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_190 0.3468926637 1.179067e+00 -0.3188628891 -0.3101433
## FALSE_191 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_192 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_193 -0.2502743013 3.496867e-01 -0.3188628891 -0.3101433
## FALSE_194 -0.4051667483 -6.776673e-01 -0.3188628891 -0.3101433
## TRUE_195 -0.4506018761 -7.723436e-01 0.7183013599 -0.3101433
## FALSE_196 -0.1626309804 4.306808e-01 -0.3188628891 -0.3101433
## TRUE_197 -0.4506018761 -8.616997e-01 5.5352182767 -0.3101433
## TRUE_198 -0.4506018761 -8.604564e-01 4.8423928872 -0.3101433
## TRUE_199 -0.4506018761 -8.112214e-01 7.9088540721 -0.3101433
## FALSE_200 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_201 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_202 -0.4506018761 1.025228e+00 -0.3188628891 -0.3101433
## FALSE_203 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_204 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## TRUE_205 -0.4506018761 -6.273360e-01 1.4934897218 -0.3101433
## FALSE_206 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_207 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_208 -0.4506018761 4.871311e-02 -0.3188628891 -0.3101433
## FALSE_209 0.2839325649 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_210 0.3783727240 1.736212e-01 -0.3188628891 -0.3101433
## FALSE_211 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_212 -0.3036949791 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_213 -0.4506018761 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_214 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_215 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_216 -0.3246816786 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_217 -0.0833346446 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_218 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_219 -0.4506018761 -6.093080e-01 1.5628336333 -0.3101433
## FALSE_220 1.3122808000 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_221 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_222 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_223 -0.4179559112 -6.998014e-01 -0.3188628891 -0.3101433
## FALSE_224 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_225 -0.4506018761 -7.554295e-01 -0.3188628891 -0.3101433
## FALSE_226 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## TRUE_227 -0.4506018761 -6.093080e-01 0.6335817178 -0.3101433
## FALSE_228 -0.2186436246 -4.423120e-01 -0.3188628891 -0.3101433
## FALSE_229 -0.3624577423 -4.506618e-01 0.0643238119 -0.3101433
## FALSE_230 -0.4506018761 -5.804633e-01 -0.3188628891 -0.3101433
## FALSE_231 -0.2057570624 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_232 -0.4506018761 -4.817254e-01 0.8625471220 -0.3101433
## FALSE_233 -0.3346227503 5.867593e-02 -0.3188628891 -0.3101433
## FALSE_234 -0.4506018761 -5.931196e-01 -0.3188628891 -0.3101433
## FALSE_235 -0.2986292255 -6.684343e-01 -0.3188628891 -0.3101433
## FALSE_236 -0.1954478127 -2.005990e-01 -0.3188628891 -0.3101433
## FALSE_237 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433

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## FALSE_238 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_239 0.0519743355 -1.070467e-01 -0.3188628891 -0.3101433
## FALSE_240 -0.0499467264 -2.094147e-01 -0.3188628891 -0.3101433
## FALSE_241 0.0678930338 1.075691e-01 -0.3188628891 -0.3101433
## FALSE_242 -0.0833346446 -2.307205e-01 -0.3188628891 -0.3101433
## FALSE_243 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_244 -0.4506018761 -4.790413e-01 -0.3188628891 -0.3101433
## FALSE_245 -0.1115859853 -1.022451e-02 -0.3188628891 -0.3101433
## FALSE_246 0.2839325649 1.438608e-01 -0.3188628891 -0.3101433
## TRUE_247 -0.3404217088 -5.072100e-01 -0.0846205223 -0.3101433
## FALSE_248 -0.1712718820 -5.688992e-01 -0.3188628891 -0.3101433
## FALSE_249 -0.2909204701 -4.163242e-01 -0.3188628891 -0.3101433
## FALSE_250 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_251 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_252 1.3122808000 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_253 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_254 -0.2302415416 -3.424940e-01 -0.3188628891 -0.3101433
## FALSE_255 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_256 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_257 -0.4506018761 -6.734075e-01 -0.3188628891 -0.3101433
## FALSE_258 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_259 -0.1078191237 -1.651903e-01 -0.3188628891 -0.3101433
## FALSE_260 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_261 -0.3084339162 -4.929985e-01 0.1515222656 -0.3101433
## FALSE_262 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_263 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_264 -0.4506018761 -8.257188e-01 2.4406300623 -0.3101433
## FALSE_265 -0.4506018761 -6.453640e-01 -0.3188628891 -0.3101433
## FALSE_266 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_267 -0.4506018761 -1.655425e-01 -0.3188628891 -0.3101433
## FALSE_268 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_269 0.3363993249 2.611857e-01 -0.3188628891 -0.3101433
## FALSE_270 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_271 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_272 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_273 -0.0098812071 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_274 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_275 -0.4506018761 -5.371961e-01 1.7718037835 -0.3101433
## FALSE_276 -0.0833346446 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_277 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_278 -0.1292430623 -4.142678e-02 -0.3188628891 -0.3101433
## FALSE_279 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_280 -0.4506018761 -4.650842e-01 2.5760696865 -0.3101433
## FALSE_281 -0.2161759855 -3.312534e-01 0.0474618267 -0.3101433
## FALSE_282 -0.4506018761 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_283 -0.0098812071 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_284 -0.4506018761 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_285 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_286 -0.1987615032 -3.620672e-01 -0.3188628891 -0.3101433
## FALSE_287 -0.4032125488 -7.306929e-01 -0.3188628891 -0.3101433
## FALSE_288 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_289 -0.2172791754 -4.079058e-01 -0.3188628891 -0.3101433
## FALSE_290 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_291 -0.1531154245 -8.701181e-02 -0.3188628891 -0.3101433

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## FALSE_292    3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## TRUE_293     -0.4506018761   -6.273360e-01    2.0768647060   -0.3101433
## TRUE_294     -0.4506018761   -5.887046e-01    2.8871196457   -0.3101433
## FALSE_295     -0.4506018761   -4.126392e-01   -0.3188628891   -0.3101433
## FALSE_296     -0.3504380776   -2.074866e-01   -0.3188628891   -0.3101433
## FALSE_297     3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_298     -0.4506018761   -4.170096e-01   -0.3188628891   -0.3101433
## FALSE_299     -0.4506018761   -8.485884e-01   -0.3188628891   -0.3101433
## FALSE_300     -0.4506018761   -3.208604e-01   -0.3188628891   -0.3101433
## FALSE_301     3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_302     -0.1735774461    7.060422e-02   -0.3188628891   -0.3101433
## FALSE_303     -0.4506018761    1.839229e-01   -0.3188628891   -0.3101433
## FALSE_304     -0.4506018761    1.265601e+00   -0.3188628891   -0.3101433
## FALSE_305     -0.4506018761    1.265601e+00   -0.3188628891   -0.3101433
## FALSE_306     -0.4506018761    1.265601e+00   -0.3188628891   -0.3101433
## FALSE_307      0.2839325649   -3.448977e-01   -0.3188628891   -0.3101433
## FALSE_308     -0.4506018761   -5.516185e-01   -0.3188628891   -0.3101433
## FALSE_309     -0.1466565970   -2.711281e-01   -0.3188628891   -0.3101433
## FALSE_310     -0.4506018761    5.444825e-01   -0.3188628891   -0.3101433
## FALSE_311      0.6511997965    1.481937e+00   -0.3188628891   -0.3101433
## FALSE_312     -0.3689869308   -5.772583e-01   -0.3188628891   -0.3101433
## FALSE_313     -0.4506018761   -7.099381e-01   -0.3188628891   -0.3101433
## FALSE_314     -0.4506018761   -6.879755e-01   -0.3188628891   -0.3101433
## FALSE_315     -0.4506018761    1.265601e+00   -0.3188628891   -0.3101433
## FALSE_316     -0.4506018761   -3.569164e-01   -0.3188628891   -0.3101433
## FALSE_317     -0.4506018761   -3.241279e-02   -0.3188628891   -0.3101433
## FALSE_318     -0.4506018761   -6.734075e-01   -0.3188628891   -0.3101433
## TRUE_319      0.0543905645   -6.761026e-02    0.0620052548   -0.3101433
## FALSE_320     -0.4506018761   -3.241279e-02   -0.3188628891   -0.3101433
## FALSE_321     -0.4506018761   -4.650842e-01   -0.3188628891   -0.3101433
## FALSE_322     -0.3375965792   -5.427432e-01   -0.3188628891   -0.3101433
## FALSE_323     -0.4506018761   -8.939569e-01   -0.3188628891   -0.3101433
## FALSE_324     -0.4506018761   -2.796536e-01   -0.3188628891   -0.3101433
## FALSE_325     -0.4506018761    1.839229e-01   -0.3188628891   -0.3101433
## FALSE_326     -0.1567881041   -3.208604e-01   -0.3188628891   -0.3101433
## FALSE_327     -0.4506018761   -8.204929e-01   -0.3188628891   -0.3101433
## FALSE_328     -0.4506018761   -6.573826e-01   -0.3188628891   -0.3101433
## FALSE_329     3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_330     -0.4506018761   -8.496810e-01   -0.3188628891   -0.3101433
## FALSE_331     -0.2669682713   -3.869630e-01   -0.3188628891   -0.3101433
## FALSE_332     -0.3827986979   -6.984309e-01   -0.3188628891   -0.3101433
## FALSE_333     -0.3926123132   -5.229635e-01   -0.3188628891   -0.3101433
## FALSE_334     -0.4506018761   -4.856876e-01   -0.3188628891   -0.3101433
## FALSE_335     -0.4506018761   -2.796536e-01   -0.3188628891   -0.3101433
## FALSE_336     -0.4506018761   -6.402131e-01   -0.3188628891   -0.3101433
## FALSE_337     -0.4506018761   -3.569164e-01   -0.3188628891   -0.3101433
## FALSE_338     -0.4506018761   -7.883445e-01   -0.3188628891   -0.3101433
## FALSE_339     -0.4506018761   -5.887046e-01   -0.3188628891   -0.3101433
## FALSE_340     3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_341      1.7530014690    1.806441e+00   -0.3188628891   -0.3101433
## FALSE_342     -0.2743136085   -9.010232e-02   -0.3188628891   -0.3101433
## FALSE_343     3.9566048140    3.428959e+00   -0.3188628891   -0.3101433
## FALSE_344     -0.4506018761   -7.246871e-01   -0.3188628891   -0.3101433
## FALSE_345     -0.4506018761   -1.766366e-01   -0.3188628891   -0.3101433

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## FALSE_346 -0.3375965792 -4.354998e-01 -0.3188628891 -0.3101433
## FALSE_347 -0.4506018761 -6.840907e-01 -0.3188628891 -0.3101433
## FALSE_348 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_349 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_350 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_351 -0.4506018761 -5.371961e-01 0.7357567532 -0.3101433
## FALSE_352 -0.4506018761 -8.031826e-01 -0.3188628891 -0.3101433
## FALSE_353 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## TRUE_354 -0.4506018761 -8.256437e-01 0.1758943155 -0.3101433
## FALSE_355 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_356 -0.4506018761 -2.913601e-01 -0.3188628891 -0.3101433
## FALSE_357 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_358 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_359 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_360 0.1789990891 6.474994e-01 -0.3188628891 -0.3101433
## FALSE_361 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_362 0.1462073559 1.386026e-01 -0.3188628891 -0.3101433
## FALSE_363 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## TRUE_364 -0.4506018761 -7.313435e-01 1.5276166385 -0.3101433
## FALSE_365 -0.4506018761 2.671290e-01 -0.3188628891 -0.3101433
## FALSE_366 -0.4484357340 -6.935688e-01 0.3254724017 -0.3101433
## FALSE_367 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_368 -0.1241421172 -2.389555e-01 -0.3188628891 -0.3101433
## FALSE_369 -0.1445458535 -2.975935e-01 -0.3188628891 -0.3101433
## FALSE_370 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_371 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_372 -0.2545365990 -2.610577e-01 -0.3188628891 -0.3101433
## FALSE_373 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_374 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_375 -0.4506018761 -6.686943e-01 -0.3188628891 -0.3101433
## FALSE_376 -0.3330763717 -1.729280e-01 -0.3188628891 -0.3101433
## FALSE_377 -0.2037983014 -1.420229e-01 -0.3188628891 -0.3101433
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## FALSE_379 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_380 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_381 -0.0308679066 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_382 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_383 -0.2302415416 -4.509139e-01 -0.1681454757 -0.3101433
## FALSE_384 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_385 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_386 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_387 -0.4506018761 4.367829e-01 -0.3188628891 -0.3101433
## FALSE_388 0.1002989602 -1.405806e-01 -0.3188628891 -0.3101433
## TRUE_389 -0.2318043811 -4.694679e-01 1.1433104607 -0.3101433
## FALSE_390 0.8086000322 9.565505e-01 -0.3188628891 -0.3101433
## FALSE_391 0.1789990891 -2.515581e-01 -0.3188628891 -0.3101433
## FALSE_392 -0.1062888534 2.177254e-01 -0.3188628891 -0.3101433
## FALSE_393 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_394 -0.3606588748 -7.571059e-01 -0.3188628891 -0.3101433
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## FALSE_396 -0.3504380776 -4.511405e-01 -0.3188628891 -0.3101433
## FALSE_397 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_398 -0.4317676562 -6.091099e-01 0.3202996591 -0.3101433
## TRUE_399 -0.4506018761 -5.427432e-01 3.9136693017 -0.3101433

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## FALSE_400 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_401 -0.4506018761 -7.096376e-01 -0.3188628891 -0.3101433
## FALSE_402 -0.3568315242 -4.553670e-01 -0.3188628891 -0.3101433
## FALSE_403 -0.4506018761 -5.892769e-01 -0.3188628891 -0.3101433
## FALSE_404 -0.4506018761 -5.462101e-01 -0.3188628891 -0.3101433
## FALSE_405 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_406 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_407 -0.4506018761 -7.223483e-01 0.5331180232 -0.3101433
## FALSE_408 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_409 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
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## FALSE_420 -0.3314881907 -4.884719e-01 -0.3188628891 -0.3101433
## FALSE_421 0.0390877513 3.041094e-01 -0.3188628891 -0.3101433
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## FALSE_424 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
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## FALSE_430 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
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## FALSE_434 -0.0308679066 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_435 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_436 -0.4506018761 -3.139926e-01 -0.3188628891 -0.3101433
## FALSE_437 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_438 -0.4506018761 -8.349485e-01 -0.3188628891 -0.3101433
## FALSE_439 -0.1026644988 -7.795714e-02 -0.3188628891 -0.3101433
## FALSE_440 -0.4506018761 1.007169e-01 -0.3188628891 -0.3101433
## FALSE_441 -0.4506018761 -8.496810e-01 -0.3188628891 -0.3101433
## FALSE_442 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_443 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_444 -0.4021710377 -8.075153e-02 -0.3188628891 -0.3101433
## FALSE_445 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_446 -0.3624577423 -4.799187e-01 0.6209803078 -0.3101433
## FALSE_447 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_448 0.4308394619 2.560348e-01 -0.3188628891 -0.3101433
## FALSE_449 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_450 -0.0308679066 -1.079586e-01 -0.3188628891 -0.3101433
## FALSE_451 -0.4506018761 -1.189471e-01 -0.3188628891 -0.3101433
## FALSE_452 -0.4506018761 -7.581842e-01 -0.3188628891 -0.3101433
## FALSE_453 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433

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## TRUE_454      -0.4506018761 -6.273360e-01  3.0023694364 -0.3101433
## FALSE_455      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_456      -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_457      -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_458      -0.3719017472  2.611857e-01 -0.3188628891 -0.3101433
## FALSE_459      -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_460      -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_461       0.2104791274  2.920908e-01 -0.3188628891 -0.3101433
## FALSE_462       0.4308394619  3.969304e-01 -0.3188628891 -0.3101433
## FALSE_463      -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_464      -0.1751514579 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_465       3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_466       0.1370256900  1.118110e-01 -0.3188628891 -0.3101433
## FALSE_467      -0.1662659563 -4.869612e-02  0.1467108270 -0.3101433
## FALSE_468       1.2633118416  1.626161e+00 -0.3188628891 -0.3101433
## FALSE_469       1.0184670280  1.986721e+00 -0.3188628891 -0.3101433
## FALSE_470       0.0014193336 -1.211659e-01 -0.3188628891 -0.3101433
## FALSE_471      -0.4506018761 -4.290283e-01 -0.3188628891 -0.3101433
## FALSE_472      -0.4506018761  6.373641e-02 -0.3188628891 -0.3101433
## FALSE_473      -0.4506018761 -7.136401e-01  0.2013701165 -0.3101433
## FALSE_474      -0.4506018761 -4.678577e-01  0.0702198375 -0.3101433
## FALSE_475      -0.0308679066 -1.972400e-01 -0.3188628891 -0.3101433
## FALSE_476       3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_477      -0.0736697284  1.212994e-01 -0.3188628891 -0.3101433
## FALSE_478      -0.0308679066  2.939742e-02 -0.3188628891 -0.3101433
## FALSE_479      -0.1501105028 -1.438585e-01 -0.3188628891 -0.3101433
## FALSE_480      -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_481       0.2274299275  7.663652e-01 -0.3188628891 -0.3101433
## FALSE_482      -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_483      -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_484      -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_485      -0.2873720076 -5.772583e-01  0.2228241926 -0.3101433
## FALSE_486      -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_487      -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_488      -0.1358014045 -1.251281e-01 -0.3188628891 -0.3101433
## FALSE_489       0.6511997965  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_490      -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_491      -0.4506018761 -2.211110e-02 -0.3188628891 -0.3101433
## FALSE_492      -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_493      -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_494      -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_495      -0.0127063367  1.049266e+00 -0.3188628891 -0.3101433
## FALSE_496       0.4308394619  6.165944e-01 -0.3188628891 -0.3101433
## FALSE_497      -0.4506018761 -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_498      -0.3771484386 -5.947007e-01  1.0735039590 -0.3101433
## TRUE_499       -0.1987615032 -5.243658e-01  0.1724277594 -0.3101433
## FALSE_500      -0.4506018761 -6.707367e-01 -0.2188187902 -0.3101433
## FALSE_501      -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
## FALSE_502      -0.2810939197 -6.569521e-02 -0.3188628891 -0.3101433
## FALSE_503      -0.2986292255 -5.993616e-01 -0.3188628891 -0.3101433
## FALSE_504       0.1837687885  1.265612e-01 -0.3188628891 -0.3101433
## FALSE_505       0.2839325649  5.444825e-01 -0.3188628891 -0.3101433
## TRUE_506       -0.4506018761 -7.371182e-01  1.4834210995 -0.3101433
## FALSE_507      -0.3209781486 -4.520467e-01 -0.3188628891 -0.3101433

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## FALSE_508 -0.3036949791 -6.093080e-01 0.0655762064 -0.3101433
## FALSE_509 -0.4506018761 -8.290776e-01 -0.3188628891 -0.3101433
## FALSE_510 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_511 -0.4506018761 -5.796149e-01 -0.3188628891 -0.3101433
## FALSE_512 -0.3375965792 -6.155786e-01 -0.3188628891 -0.3101433
## FALSE_513 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_514 -0.4506018761 -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_515 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_516 -0.3624577423 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_517 0.0579219711 -1.100718e-01 -0.3188628891 -0.3101433
## FALSE_518 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_519 0.3969378619 3.694856e-01 -0.3188628891 -0.3101433
## FALSE_520 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_521 -0.0499467264 -4.388617e-01 -0.3188628891 -0.3101433
## FALSE_522 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_523 0.0390877513 6.646689e-01 -0.3188628891 -0.3101433
## FALSE_524 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_525 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_526 -0.4506018761 -5.811668e-01 -0.3188628891 -0.3101433
## FALSE_527 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_528 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_529 0.1002989602 9.378304e-02 -0.3188628891 -0.3101433
## FALSE_530 -0.4506018761 -8.720014e-01 -0.3188628891 -0.3101433
## FALSE_531 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_532 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_533 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_534 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_535 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_536 -0.4506018761 -4.874638e-01 -0.3188628891 -0.3101433
## FALSE_537 -0.3281794582 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_538 -0.4506018761 -5.941266e-01 -0.3188628891 -0.3101433
## FALSE_539 -0.4506018761 -3.789017e-01 0.9037682247 -0.3101433
## FALSE_540 -0.4506018761 -8.496810e-01 -0.3188628891 -0.3101433
## FALSE_541 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_542 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_543 -0.2407348803 -4.856876e-01 -0.3188628891 -0.3101433
## FALSE_544 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_545 -0.4219836574 -3.405170e-02 -0.3188628891 -0.3101433
## FALSE_546 0.0390877513 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_547 -0.3228567645 -5.266565e-01 -0.3188628891 -0.3101433
## FALSE_548 0.3507084232 6.755950e-01 -0.3188628891 -0.3101433
## FALSE_549 -0.0499467264 2.822574e-01 -0.3188628891 -0.3101433
## FALSE_550 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_551 -0.3926123132 -7.269643e-01 -0.3188628891 -0.3101433
## FALSE_552 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_553 -0.3504380776 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_554 -0.4506018761 -5.408017e-01 -0.3188628891 -0.3101433
## FALSE_555 -0.0499467264 2.822574e-01 -0.3188628891 -0.3101433
## FALSE_556 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_557 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_558 -0.4506018761 -8.220381e-01 -0.3188628891 -0.3101433
## FALSE_559 -0.3404217088 -4.110003e-01 -0.3188628891 -0.3101433
## FALSE_560 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_561 -0.1751514579 -2.217065e-01 -0.3188628891 -0.3101433

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## FALSE_562    1.0184670280    1.986721e+00 -0.3188628891 -0.3101433
## FALSE_563   -0.4506018761   -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_564   -0.4506018761    1.839229e-01 -0.3188628891 -0.3101433
## FALSE_565    0.1789990891    9.565505e-01 -0.3188628891 -0.3101433
## FALSE_566   -0.4506018761   -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_567    0.2839325649    5.444825e-01 -0.3188628891 -0.3101433
## FALSE_568   -0.4506018761   -8.045498e-01 -0.3188628891 -0.3101433
## FALSE_569   -0.3043751212   -3.098696e-01 -0.1289845722 -0.3101433
## FALSE_570   -0.4506018761   -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_571    3.9566048140    3.428959e+00 -0.3188628891 -0.3101433
## FALSE_572    0.1370256900    3.642027e-01 -0.3188628891 -0.3101433
## FALSE_573   -0.4506018761   -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_574    0.2705774065   -1.655425e-01 -0.3188628891 -0.3101433
## FALSE_575    0.4675661917    2.547471e-01 -0.3188628891 -0.3101433
## FALSE_576   -0.4506018761   -7.838947e-01 -0.3188628891 -0.3101433
## FALSE_577   -0.4506018761   -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_578   -0.4506018761   -8.462471e-01 -0.3188628891 -0.3101433
## FALSE_579    3.9566048140    3.428959e+00 -0.3188628891 -0.3101433
## FALSE_580   -0.4506018761   -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_581     -0.4506018761   -7.452112e-01    0.1795284333 -0.3101433
## FALSE_582   -0.3246816786   -3.867913e-01 -0.3188628891 -0.3101433
## FALSE_583   -0.1913544211   -6.961517e-03 -0.3188628891 -0.3101433
## FALSE_584    3.9566048140    3.428959e+00 -0.3188628891 -0.3101433
## FALSE_585   -0.4506018761   -2.281451e-01 -0.3188628891 -0.3101433
## FALSE_586   -0.4506018761   -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_587   -0.3128766670   -4.600309e-01 -0.3188628891 -0.3101433
## FALSE_588   -0.2589841977   -1.319823e-01 -0.3188628891 -0.3101433
## FALSE_589   -0.4506018761    1.265601e+00 -0.3188628891 -0.3101433
## FALSE_590   -0.3036949791    3.281467e-01 -0.3188628891 -0.3101433
## FALSE_591   -0.4506018761   -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_592    0.5510359980    8.722638e-01 -0.3188628891 -0.3101433
## FALSE_593   -0.4506018761   -6.882697e-01 -0.3188628891 -0.3101433
## TRUE_594     -0.4506018761   -7.329344e-01    0.0495807294 -0.3101433
## FALSE_595    0.2274299275    1.007169e-01 -0.3188628891 -0.3101433
## TRUE_596     -0.4506018761   -5.649315e-01    1.6110822619 -0.3101433
## FALSE_597   -0.4506018761   -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_598   -0.4506018761    1.839229e-01 -0.3188628891 -0.3101433
## FALSE_599   -0.3314881907   -8.731371e-01 -0.3188628891 -0.3101433
## FALSE_600   -0.4506018761    5.444825e-01 -0.3188628891 -0.3101433
## FALSE_601   -0.4506018761   -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_602     -0.4506018761   -2.796536e-01    2.5302286807 -0.3101433
## TRUE_603     -0.1649495898   -1.781775e-01    0.1548120392 -0.3101433
## FALSE_604   -0.3948214476   -6.654727e-01 -0.3188628891 -0.3101433
## TRUE_605     -0.3658478979   -5.753322e-01    0.2495631415 -0.3101433
## FALSE_606   -0.3456683782   -3.826706e-01 -0.0232002512 -0.3101433
## TRUE_607     -0.3689869308   -7.174759e-01    1.1530963100 -0.3101433
## FALSE_608   -0.0499467264    8.722638e-01 -0.3188628891 -0.3101433
## FALSE_609   -0.4506018761   -7.666431e-01 -0.3188628891 -0.3101433
## FALSE_610   -0.4506018761   -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_611   -0.4506018761   -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_612   -0.4042102302   -6.912879e-01 -0.3188628891 -0.3101433
## FALSE_613   -0.4506018761   -8.470520e-01 -0.3188628891 -0.3101433
## TRUE_614     -0.3918391129   -5.660409e-01    0.6378520785 -0.3101433
## FALSE_615   -0.1751514579   -3.569164e-01 -0.3188628891 -0.3101433

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## FALSE_616      2.4875359100  2.707840e+00 -0.3188628891 -0.3101433
## FALSE_617     -0.4506018761 -4.921262e-01 -0.3188628891 -0.3101433
## FALSE_618     -0.4506018761 -8.016064e-01 -0.3188628891 -0.3101433
## FALSE_619      1.0184670280  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_620     -0.4506018761 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_621     -0.1751514579 -2.555090e-01 -0.3188628891 -0.3101433
## FALSE_622     -0.3746155508 -3.009675e-01 -0.3188628891 -0.3101433
## FALSE_623     -0.4372466956 -6.464566e-01  0.5774237090 -0.3101433
## FALSE_624     -0.1358014045  1.324144e-01 -0.3188628891 -0.3101433
## FALSE_625      0.0014193336 -2.228622e-01 -0.3188628891 -0.3101433
## TRUE_626      -0.3281794582 -1.996134e-01 -0.2015025182 -0.3101433
## FALSE_627     -0.4506018761 -3.826706e-01 -0.3188628891 -0.3101433
## FALSE_628     -0.3526639594 -7.054572e-01 -0.3188628891 -0.3101433
## FALSE_629      1.7530014690  1.806441e+00 -0.3188628891 -0.3101433
## TRUE_630      -0.4506018761 -7.375070e-01  2.7766192812 -0.3101433
## FALSE_631      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_632     -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_633     -0.2502743013 -3.077492e-01 -0.3188628891 -0.3101433
## TRUE_634      -0.3504380776 -3.249187e-01 -0.2073034597 -0.3101433
## FALSE_635     -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_636      0.7736222143  6.474994e-01 -0.3188628891 -0.3101433
## FALSE_637     -0.4506018761  4.524620e-02 -0.3188628891 -0.3101433
## FALSE_638     -0.1358014045 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_639     -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## TRUE_640      -0.4506018761 -5.683353e-01  2.1172099775 -0.3101433
## FALSE_641     -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_642     -0.3968554616 -7.460568e-01 -0.3188628891 -0.3101433
## FALSE_643     -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_644     -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## TRUE_645      -0.4506018761 -7.010868e-01  0.2598614589 -0.3101433
## FALSE_646     -0.4506018761 -7.936490e-01 -0.3188628891 -0.3101433
## FALSE_647     -0.3404217088  8.476906e-02 -0.3188628891 -0.3101433
## FALSE_648     -0.3961919126 -3.849599e-01 -0.3188628891 -0.3101433
## FALSE_649     -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_650     -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_651      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_652     -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_653     -0.1751514579  4.871311e-02 -0.3188628891 -0.3101433
## FALSE_654     -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_655     -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_656     -0.4506018761  3.642027e-01 -0.3188628891 -0.3101433
## TRUE_657      -0.4506018761 -5.918263e-01  0.1359859235 -0.3101433
## FALSE_658      0.2530697779  3.411769e-02 -0.3188628891 -0.3101433
## FALSE_659     -0.4138751463 -2.667765e-01 -0.3188628891 -0.3101433
## FALSE_660     -0.4506018761 -7.054572e-01 -0.3188628891 -0.3101433
## FALSE_661     -0.3547930369 -6.720140e-01 -0.3188628891 -0.3101433
## FALSE_662      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_663     -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_664     -0.4506018761 -8.462471e-01 -0.3188628891 -0.3101433
## FALSE_665     -0.2057570624 -6.333453e-01 -0.3188628891 -0.3101433
## FALSE_666      0.0678930338 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_667     -0.4506018761 -6.917216e-01  0.6776629463 -0.3101433
## FALSE_668     -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_669      0.1789990891 -2.487485e-01 -0.3188628891 -0.3101433

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## FALSE_670 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_671 0.0678930338 8.414138e-01 -0.3188628891 -0.3101433
## FALSE_672 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_673 -0.3526639594 -6.669975e-01 -0.3188628891 -0.3101433
## TRUE_674 -0.4506018761 -7.263421e-01 -0.1538275137 -0.3101433
## FALSE_675 -0.4506018761 -7.690135e-01 -0.3188628891 -0.3101433
## FALSE_676 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_677 -0.4506018761 -8.616997e-01 -0.3188628891 -0.3101433
## FALSE_678 -0.4506018761 -9.250604e-02 -0.3188628891 -0.3101433
## FALSE_679 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_680 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_681 -0.3696531903 -3.188982e-01 -0.3188628891 -0.3101433
## FALSE_682 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_683 -0.2810939197 2.255259e-01 -0.3188628891 -0.3101433
## FALSE_684 -0.3170501595 -6.430387e-01 -0.3188628891 -0.3101433
## FALSE_685 -0.2743136085 -3.497052e-01 -0.3188628891 -0.3101433
## TRUE_686 -0.4506018761 -1.211659e-01 0.0287485571 -0.3101433
## TRUE_687 -0.4506018761 -8.504692e-01 3.4040376019 -0.3101433
## FALSE_688 -0.4132526724 -4.903052e-01 0.0267245531 -0.3101433
## TRUE_689 -0.4506018761 -8.112214e-01 0.8056380261 -0.3101433
## FALSE_690 -0.2975738758 -6.603394e-01 -0.3188628891 -0.3101433
## FALSE_691 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_692 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_693 -0.3547930369 -3.804311e-01 -0.3188628891 -0.3101433
## TRUE_694 -0.4506018761 -4.497877e-01 0.7382503131 -0.3101433
## FALSE_695 0.2839325649 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_696 -0.3948144401 -5.453462e-01 -0.0699561260 -0.3101433
## FALSE_697 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_698 -0.0098812071 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_699 -0.4506018761 -8.333700e-01 -0.3188628891 -0.3101433
## FALSE_700 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_701 1.4382009974 1.883704e+00 -0.3188628891 -0.3101433
## FALSE_702 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_703 0.5287773786 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_704 1.0184670280 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_705 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_706 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_707 -0.0308679066 -1.251281e-01 -0.3188628891 -0.3101433
## FALSE_708 -0.4506018761 -2.281451e-01 -0.3188628891 -0.3101433
## FALSE_709 -0.2302415416 -3.857611e-01 -0.3188628891 -0.3101433
## FALSE_710 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_711 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_712 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_713 0.1789990891 -1.560332e-01 -0.3188628891 -0.3101433
## TRUE_714 -0.2186436246 -5.193037e-01 -0.0778522277 -0.3101433
## FALSE_715 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_716 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_717 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_718 -0.4506018761 -4.245213e-01 -0.3188628891 -0.3101433
## FALSE_719 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_720 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_721 -0.1358014045 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_722 -0.3547930369 -4.274606e-01 -0.3188628891 -0.3101433
## FALSE_723 -0.4506018761 -7.294945e-01 -0.3188628891 -0.3101433

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## FALSE_724 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_725 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_726 -0.3876417774 -6.968725e-01 -0.3188628891 -0.3101433
## TRUE_727 -0.4506018761 -7.306671e-01 -0.0686113609 -0.3101433
## FALSE_728 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_729 -0.4105363567 -4.781955e-01 0.1037948035 -0.3101433
## FALSE_730 -0.4506018761 -8.400661e-01 -0.3188628891 -0.3101433
## FALSE_731 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_732 -0.3797627275 -5.783107e-01 -0.1930260736 -0.3101433
## FALSE_733 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## FALSE_734 -0.1965278868 -1.783954e-01 -0.3188628891 -0.3101433
## FALSE_735 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_736 -0.4506018761 -8.770537e-01 -0.3188628891 -0.3101433
## FALSE_737 -0.4506018761 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_738 -0.4506018761 -5.597311e-01 -0.3188628891 -0.3101433
## FALSE_739 0.2839325649 9.050420e-01 -0.3188628891 -0.3101433
## FALSE_740 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_741 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## TRUE_742 -0.4206208830 -5.207192e-01 -0.1253248234 -0.3101433
## FALSE_743 -0.2766331875 -3.948700e-01 -0.3188628891 -0.3101433
## TRUE_744 -0.4506018761 -6.093080e-01 2.4752083882 -0.3101433
## FALSE_745 -0.1913544211 -6.961517e-03 -0.3188628891 -0.3101433
## FALSE_746 -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
## FALSE_747 -0.4506018761 -4.978073e-01 -0.3188628891 -0.3101433
## FALSE_748 0.0906340441 -1.007293e-01 1.4315924501 -0.3101433
## FALSE_749 0.1789990891 6.474994e-01 -0.3188628891 -0.3101433
## TRUE_750 -0.4506018761 -5.649315e-01 1.3599674577 -0.3101433
## FALSE_751 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_752 -0.4438006306 -3.224791e-01 2.0062135186 -0.3101433
## FALSE_753 -0.2810939197 -4.262547e-01 -0.3188628891 -0.3101433
## FALSE_754 -0.1751514579 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_755 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_756 -0.0499467264 4.789262e-01 -0.3188628891 -0.3101433
## FALSE_757 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_758 -0.4506018761 4.871311e-02 -0.3188628891 -0.3101433
## FALSE_759 -0.4506018761 -6.472617e-01 -0.3188628891 -0.3101433
## FALSE_760 -0.4506018761 -2.190554e-01 -0.3188628891 -0.3101433
## FALSE_761 -0.4322385222 -7.821147e-01 -0.1833842106 -0.3101433
## FALSE_762 -0.4263864569 -5.422389e-01 -0.3188628891 -0.3101433
## FALSE_763 -0.1834984430 -5.830855e-01 -0.3188628891 -0.3101433
## TRUE_764 -0.4021710377 -7.914021e-01 -0.2069986297 -0.3101433
## FALSE_765 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_766 -0.3194350092 -5.177617e-02 -0.3188628891 -0.3101433
## FALSE_767 -0.4506018761 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_768 -0.4506018761 -5.507990e-01 0.1422764667 -0.3101433
## FALSE_769 -0.4506018761 -4.501645e-01 -0.3188628891 -0.3101433
## TRUE_770 -0.2743136085 -2.487485e-01 0.1717697682 -0.3101433
## FALSE_771 0.0390877513 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_772 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_773 -0.4506018761 -8.231571e-01 -0.3188628891 -0.3101433
## TRUE_774 -0.4506018761 -3.077492e-01 0.5210742008 -0.3101433
## FALSE_775 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_776 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_777 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433

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## FALSE_778 -0.3281794582 -3.368853e-01 -0.3188628891 -0.3101433
## FALSE_779 -0.1492544029 -5.323094e-01 -0.3188628891 -0.3101433
## FALSE_780 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_781 -0.4506018761 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_782 0.9054617311 1.099189e+00 -0.3188628891 -0.3101433
## FALSE_783 -0.4506018761 -6.783294e-01 -0.3188628891 -0.3101433
## FALSE_784 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_785 0.1002989602 2.515278e-01 -0.3188628891 -0.3101433
## FALSE_786 -0.1049385955 1.711973e-01 -0.3188628891 -0.3101433
## FALSE_787 -0.4381872155 -5.213984e-01 0.1042663294 -0.3101433
## FALSE_788 0.0836049901 2.494792e-01 -0.3188628891 -0.3101433
## FALSE_789 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_790 -0.4358620614 -7.463553e-01 -0.2605152064 -0.3101433
## FALSE_791 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_792 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_793 -0.3719017472 -7.818615e-01 2.0732586422 -0.3101433
## FALSE_794 0.4308394619 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_795 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_796 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_797 -0.4506018761 -3.241279e-02 2.6225174473 -0.3101433
## FALSE_798 0.1002989602 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_799 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_800 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## TRUE_801 -0.3258696192 -4.351510e-01 0.3783033786 -0.3101433
## FALSE_802 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_803 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_804 -0.2407348803 -2.796536e-01 0.9607169591 -0.3101433
## FALSE_805 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_806 -0.4506018761 -7.880201e-01 -0.3188628891 -0.3101433
## FALSE_807 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_808 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_809 -0.3504380776 -1.522020e-01 -0.3188628891 -0.3101433
## FALSE_810 0.2839325649 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_811 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_812 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_813 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_814 0.9660002680 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_815 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_816 -0.4289979252 -4.005134e-01 -0.3188628891 -0.3101433
## FALSE_817 -0.4506018761 -4.380422e-01 -0.3188628891 -0.3101433
## FALSE_818 -0.4506018761 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_819 -0.3516645812 -6.215965e-01 1.2607004748 -0.3101433
## FALSE_820 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_821 -0.4506018761 -6.638792e-01 -0.3188628891 -0.3101433
## FALSE_822 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_823 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_824 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_825 -0.4506018761 -7.418380e-01 -0.3188628891 -0.3101433
## FALSE_826 -0.1115859853 -3.985194e-01 -0.3188628891 -0.3101433
## FALSE_827 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## TRUE_828 -0.2245912822 -9.897762e-02 -0.1500322851 -0.3101433
## FALSE_829 -0.2986292255 -6.739601e-01 -0.3188628891 -0.3101433
## FALSE_830 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_831 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433

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## FALSE_832 -0.4506018761 2.079602e-01 -0.3188628891 -0.3101433
## FALSE_833 -0.3587850627 -5.518439e-01 -0.3188628891 -0.3101433
## FALSE_834 -0.3128766670 -3.118464e-01 -0.3188628891 -0.3101433
## FALSE_835 -0.4506018761 -2.264835e-01 -0.3188628891 -0.3101433
## TRUE_836 -0.4506018761 -5.034492e-01 -0.1209308140 -0.3101433
## FALSE_837 -0.4506018761 -7.079875e-01 -0.3188628891 -0.3101433
## FALSE_838 0.1789990891 6.474994e-01 -0.3188628891 -0.3101433
## FALSE_839 -0.3456683782 -4.896121e-01 0.5030925306 -0.3101433
## FALSE_840 -0.4506018761 -8.400661e-01 -0.3188628891 -0.3101433
## FALSE_841 0.1370256900 -7.087247e-02 -0.3188628891 -0.3101433
## FALSE_842 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_843 1.7530014690 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_844 -0.2906629129 -5.033002e-01 0.2767358468 -0.3101433
## FALSE_845 -0.4506018761 -7.096376e-01 -0.3188628891 -0.3101433
## FALSE_846 -0.4506018761 -7.741352e-01 -0.3188628891 -0.3101433
## FALSE_847 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_848 -0.4506018761 -4.581056e-01 0.1368013967 -0.3101433
## TRUE_849 -0.4506018761 -2.796536e-01 1.0317324469 -0.3101433
## FALSE_850 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_851 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_852 -0.4506018761 -3.799851e-01 -0.3188628891 -0.3101433
## FALSE_853 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## TRUE_854 -0.4506018761 -6.273360e-01 3.7063174267 -0.3101433
## FALSE_855 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_856 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_857 -0.4506018761 -8.444912e-01 -0.3188628891 -0.3101433
## FALSE_858 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_859 -0.3799735683 -5.556863e-01 -0.3188628891 -0.3101433
## FALSE_860 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_861 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_862 -0.4506018761 -8.027790e-01 -0.3188628891 -0.3101433
## FALSE_863 -0.4506018761 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_864 -0.4506018761 -7.396233e-01 -0.3188628891 -0.3101433
## FALSE_865 1.7530014690 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_866 -0.0932607979 -2.156160e-01 0.1480825697 -0.3101433
## FALSE_867 -0.0908298928 -1.913533e-01 0.8191733287 -0.3101433
## TRUE_868 -0.4506018761 -3.569164e-01 0.6215349592 -0.3101433
## FALSE_869 -0.0499467264 1.511448e-01 -0.3188628891 -0.3101433
## FALSE_870 0.8086000322 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_871 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_872 -0.4005199879 -5.093347e-01 -0.3188628891 -0.3101433
## FALSE_873 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_874 -0.4506018761 -7.883775e-01 0.2135995634 -0.3101433
## FALSE_875 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_876 0.0133146269 -1.007293e-01 -0.3188628891 -0.3101433
## FALSE_877 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_878 0.4308394619 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_879 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_880 -0.4506018761 -6.256564e-01 -0.3188628891 -0.3101433
## FALSE_881 -0.0980253409 -2.054814e-01 -0.3188628891 -0.3101433
## FALSE_882 -0.1241421172 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_883 -0.2110797781 -5.826580e-01 0.1221218527 -0.3101433
## FALSE_884 0.4675661917 5.084265e-01 -0.3188628891 -0.3101433
## TRUE_885 -0.4506018761 -3.241279e-02 1.3534559667 -0.3101433

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## FALSE_886      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_887     -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_888     -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_889      0.1370256900 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_890     -0.3036949791  3.281467e-01  2.0295672541 -0.3101433
## FALSE_891     -0.4506018761 -5.516185e-01 -0.3188628891 -0.3101433
## TRUE_892      -0.4506018761 -4.170096e-01  3.0907629734 -0.3101433
## FALSE_893     -0.4506018761 -6.669975e-01 -0.3188628891 -0.3101433
## TRUE_894      -0.4506018761 -6.453640e-01 -0.1413208372 -0.3101433
## FALSE_895     -0.3771484386 -6.999630e-01 -0.1419857324 -0.3101433
## FALSE_896     -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_897     -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_898     -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_899     -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_900     -0.4506018761  6.373641e-02 -0.3188628891 -0.3101433
## FALSE_901     -0.3857900234 -6.021748e-01 -0.3188628891 -0.3101433
## FALSE_902     -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_903     -0.3658478979 -5.233284e-01 -0.3188628891 -0.3101433
## FALSE_904      0.1789990891 -2.211110e-02 -0.3188628891 -0.3101433
## FALSE_905     -0.4309268494 -1.793291e-01 -0.3188628891 -0.3101433
## FALSE_906     -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_907     -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_908     -0.4506018761 -8.388888e-01 -0.3188628891 -0.3101433
## FALSE_909     -0.3036949791 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_910     -0.4506018761 -4.507810e-01 -0.3188628891 -0.3101433
## FALSE_911     -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_912     -0.3739548003 -7.848848e-01 -0.3188628891 -0.3101433
## FALSE_913     -0.2102087819 -3.106628e-01 -0.3188628891 -0.3101433
## FALSE_914      0.3757493783  4.543426e-01 -0.3188628891 -0.3101433
## FALSE_915     -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_916     -0.1751514579 -4.921262e-01 -0.3188628891 -0.3101433
## FALSE_917      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_918     -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_919     -0.0240979964  2.690506e-02 -0.1953037606 -0.3101433
## FALSE_920     -0.4506018761 -8.218484e-01 -0.3188628891 -0.3101433
## FALSE_921      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_922     -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_923     -0.4506018761  3.643173e-03 -0.3188628891 -0.3101433
## FALSE_924     -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_925     -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_926     -0.4506018761 -5.690102e-01 -0.3188628891 -0.3101433
## TRUE_927      -0.4506018761 -3.268697e-01  1.4792110298 -0.3101433
## FALSE_928     -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_929      0.2104791274 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_930      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_931     -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_932     -0.3587850627 -6.498710e-01  0.7598499535 -0.3101433
## FALSE_933      3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_934     -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_935     -0.4506018761 -6.604136e-01 -0.1625314453 -0.3101433
## FALSE_936     -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_937     -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433
## FALSE_938     -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_939     -0.3114269384 -2.460375e-01 -0.3188628891 -0.3101433

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## FALSE_940 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_941 -0.4506018761 -7.174759e-01 1.6027430660 -0.3101433
## FALSE_942 -0.3003561894 -4.971059e-01 3.0146680493 -0.3101433
## FALSE_943 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_944 0.6511997965 9.050420e-01 -0.3188628891 -0.3101433
## FALSE_945 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_946 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_947 -0.4506018761 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_948 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_949 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_950 -0.4506018761 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_951 -0.3128766670 -3.091953e-01 -0.3188628891 -0.3101433
## FALSE_952 -0.3765311652 -6.496541e-01 -0.0992710949 -0.3101433
## FALSE_953 -0.3817392715 -5.840869e-01 -0.3188628891 -0.3101433
## FALSE_954 -0.4506018761 -6.220821e-01 -0.3188628891 -0.3101433
## FALSE_955 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_956 -0.4506018761 -7.269643e-01 -0.3188628891 -0.3101433
## FALSE_957 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_958 -0.1115859853 -2.154661e-01 -0.3188628891 -0.3101433
## FALSE_959 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_960 0.2839325649 9.451041e-01 -0.3188628891 -0.3101433
## FALSE_961 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_962 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_963 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_964 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## TRUE_965 -0.4278843122 -8.130056e-01 0.4030880716 -0.3101433
## FALSE_966 -0.4506018761 9.378304e-02 -0.3188628891 -0.3101433
## FALSE_967 0.1789990891 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_968 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## TRUE_969 -0.4506018761 -6.974448e-01 1.2036054580 -0.3101433
## FALSE_970 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_971 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_972 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_973 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_974 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_975 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_976 -0.0833346446 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_977 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_978 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_979 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_980 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_981 -0.1869228426 -5.126305e-01 -0.3188628891 -0.3101433
## FALSE_982 -0.4506018761 -6.911066e-01 -0.3188628891 -0.3101433
## FALSE_983 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_984 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_985 -0.1115859853 -4.318018e-01 -0.3188628891 -0.3101433
## FALSE_986 -0.4506018761 -6.780397e-01 -0.3188628891 -0.3101433
## FALSE_987 -0.2810939197 -3.333413e-01 -0.3188628891 -0.3101433
## FALSE_988 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_989 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_990 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_991 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_992 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_993 -0.3437604984 -3.211584e-01 -0.3188628891 -0.3101433

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```

## FALSE_994 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_995 -0.4506018761 -8.131025e-01 -0.3188628891 -0.3101433
## FALSE_996 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_997 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_998 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_999 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1000 0.1789990891 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1001 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_1002 -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_1003 0.0258529096 1.546884e-01 -0.3188628891 -0.3101433
## FALSE_1004 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1005 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1006 -0.4506018761 -1.045247e-01 -0.3188628891 -0.3101433
## FALSE_1007 -0.4506018761 -8.016064e-01 -0.3188628891 -0.3101433
## FALSE_1008 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1009 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1010 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1011 -0.3170501595 -6.566022e-01 -0.3188628891 -0.3101433
## FALSE_1012 -0.2750400704 -4.652900e-01 0.0364618501 -0.3101433
## FALSE_1013 0.6511997965 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_1014 0.2839325649 9.050420e-01 -0.3188628891 -0.3101433
## TRUE_1015 -0.4506018761 -5.371961e-01 0.2620791886 -0.3101433
## FALSE_1016 -0.3771484386 -1.766366e-01 0.6926841156 -0.3101433
## FALSE_1017 0.8086000322 9.565505e-01 -0.3188628891 -0.3101433
## TRUE_1018 -0.2502743013 -5.044180e-01 1.3246324643 -0.3101433
## FALSE_1019 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1020 1.0184670280 2.707840e+00 -0.3188628891 -0.3101433
## FALSE_1021 -0.3080157825 -5.052811e-01 -0.3188628891 -0.3101433
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## FALSE_1023 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_1024 -0.4506018761 -3.826706e-01 -0.3188628891 -0.3101433
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## FALSE_1026 -0.2538515869 -5.050033e-01 -0.3188628891 -0.3101433
## TRUE_1027 -0.4506018761 -3.569164e-01 3.1521317348 -0.3101433
## FALSE_1028 -0.3732824589 -6.173205e-01 -0.3188628891 -0.3101433
## FALSE_1029 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1030 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1031 -0.3587850627 3.368980e-02 -0.3188628891 -0.3101433
## FALSE_1032 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1033 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## TRUE_1034 -0.4506018761 -8.752207e-01 1.5634225370 -0.3101433
## TRUE_1035 -0.4506018761 -8.804488e-01 7.4236006857 -0.3101433
## FALSE_1036 -0.4138751463 -6.952911e-01 -0.3188628891 -0.3101433
## FALSE_1037 0.2023176417 2.926631e-01 -0.3188628891 -0.3101433
## FALSE_1038 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1039 -0.4506018761 -3.733054e-01 -0.3188628891 -0.3101433
## FALSE_1040 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_1041 -0.4138751463 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1042 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1043 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_1044 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1045 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1046 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1047 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433

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## FALSE_1048 -0.4506018761 -6.724059e-01 -0.3188628891 -0.3101433
## FALSE_1049 -0.4506018761 -4.252983e-01 -0.3188628891 -0.3101433
## FALSE_1050 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1051 -0.1567881041 -3.208604e-01 -0.3188628891 -0.3101433
## TRUE_1052 -0.4506018761 -6.917216e-01 2.9008118657 -0.3101433
## FALSE_1053 -0.4506018761 -8.604564e-01 -0.3188628891 -0.3101433
## TRUE_1054 -0.4212205055 -7.270358e-01 -0.0132983161 -0.3101433
## FALSE_1055 0.5287773786 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_1056 0.2104791274 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_1057 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_1058 -0.2777702468 -5.018471e-01 -0.3188628891 -0.3101433
## FALSE_1059 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1060 -0.3314881907 -4.007682e-01 -0.3188628891 -0.3101433
## FALSE_1061 -0.4243685071 -6.598354e-01 -0.3188628891 -0.3101433
## FALSE_1062 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_1063 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1064 -0.2873720076 -5.318545e-01 0.1652455736 -0.3101433
## FALSE_1065 -0.0232363875 -3.507961e-01 0.3124483966 -0.3101433
## FALSE_1066 -0.1115859853 1.007169e-01 -0.3188628891 -0.3101433
## FALSE_1067 -0.3314881907 -5.859204e-01 -0.3188628891 -0.3101433
## FALSE_1068 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_1069 -0.3838260178 -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_1070 -0.4506018761 -8.112214e-01 -0.3188628891 -0.3101433
## FALSE_1071 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1072 -0.2302415416 -4.290283e-01 -0.3188628891 -0.3101433
## FALSE_1073 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_1074 -0.1567881041 -1.670217e-01 -0.3188628891 -0.3101433
## FALSE_1075 -0.2407348803 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_1076 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1077 -0.4506018761 -4.588136e-01 0.8567799196 -0.3101433
## FALSE_1078 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1079 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1080 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1081 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_1082 -0.3456683782 -3.826706e-01 -0.3188628891 -0.3101433
## FALSE_1083 1.3857342375 1.157434e+00 -0.3188628891 -0.3101433
## FALSE_1084 -0.4506018761 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_1085 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1086 -0.0499467264 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1087 -0.3778413837 -6.142483e-01 -0.3188628891 -0.3101433
## FALSE_1088 -0.4506018761 -5.822661e-01 -0.3188628891 -0.3101433
## FALSE_1089 1.7530014690 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_1090 -0.4506018761 -7.651970e-01 1.6875198333 -0.3101433
## TRUE_1091 -0.4506018761 -7.439169e-01 1.4585442289 -0.3101433
## FALSE_1092 -0.2669682713 -2.066832e-01 -0.3188628891 -0.3101433
## FALSE_1093 0.3612519821 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1094 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1095 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_1096 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1097 -0.2873720076 -9.822921e-02 -0.3188628891 -0.3101433
## FALSE_1098 -0.0098812071 -2.217065e-01 -0.3188628891 -0.3101433
## FALSE_1099 0.2452728564 1.459693e-01 -0.3188628891 -0.3101433
## TRUE_1100 -0.3036949791 -8.496810e-01 1.8684924253 -0.3101433
## FALSE_1101 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433

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## FALSE_1102 -0.4506018761 -7.417102e-01 -0.3188628891 -0.3101433
## FALSE_1103 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1104 -0.3149955198 6.743447e-02 -0.3188628891 -0.3101433
## FALSE_1105 -0.4506018761 1.238297e-01 -0.3188628891 -0.3101433
## FALSE_1106 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_1107 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1108 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1109 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1110 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1111 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_1112 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_1113 -0.4506018761 -4.612888e-01 -0.3188628891 -0.3101433
## FALSE_1114 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1115 -0.3084339162 -4.615949e-01 0.4684613332 -0.3101433
## FALSE_1116 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1117 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1118 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1119 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1120 -0.4506018761 1.457460e-01 -0.3188628891 -0.3101433
## FALSE_1121 -0.4506018761 -2.538993e-01 -0.3188628891 -0.3101433
## FALSE_1122 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1123 -0.4506018761 -8.634166e-01 -0.3188628891 -0.3101433
## FALSE_1124 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1125 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1126 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_1127 -0.3281794582 -5.371961e-01 0.3437721272 -0.3101433
## FALSE_1128 -0.3940992166 -8.026630e-01 -0.3188628891 -0.3101433
## FALSE_1129 -0.4506018761 -7.001286e-01 -0.3188628891 -0.3101433
## FALSE_1130 0.1789990891 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_1131 -0.4506018761 -7.291824e-01 -0.3188628891 -0.3101433
## FALSE_1132 -0.3689869308 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1133 0.0133146269 2.408534e-01 -0.3188628891 -0.3101433
## FALSE_1134 -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_1135 -0.3456683782 -4.376130e-01 -0.3188628891 -0.3101433
## FALSE_1136 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1137 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1138 0.6511997965 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1139 -0.1751514579 -8.649671e-02 -0.3188628891 -0.3101433
## TRUE_1140 -0.0617306936 -4.046375e-01 0.2261995736 -0.3101433
## FALSE_1141 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_1142 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_1143 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_1144 0.0390877513 -1.766366e-01 0.3934091525 -0.3101433
## FALSE_1145 1.7530014690 1.505975e+00 -0.3188628891 -0.3101433
## FALSE_1146 -0.4506018761 -2.023908e-01 -0.3188628891 -0.3101433
## FALSE_1147 -0.4506018761 -4.380422e-01 -0.3188628891 -0.3101433
## FALSE_1148 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1149 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1150 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1151 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1152 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_1153 -0.4506018761 -8.290776e-01 1.4762349500 -0.3101433
## FALSE_1154 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1155 -0.4506018761 -7.485586e-01 -0.3188628891 -0.3101433

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## FALSE_1156 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_1157 -0.4506018761 -7.432301e-01 0.8097776250 -0.3101433
## FALSE_1158 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_1159 -0.4506018761 -1.045247e-01 -0.3188628891 -0.3101433
## FALSE_1160 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1161 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1162 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_1163 -0.4506018761 -7.463206e-01 0.7511746831 -0.3101433
## TRUE_1164 -0.3456683782 -5.543656e-01 0.2639532351 -0.3101433
## FALSE_1165 -0.0221234577 -2.006739e-01 -0.3188628891 -0.3101433
## TRUE_1166 -0.3759034468 -5.775299e-01 0.2372053149 -0.3101433
## FALSE_1167 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1168 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_1169 -0.4340334232 -6.151925e-01 -0.3123908889 -0.3101433
## FALSE_1170 0.1789990891 -6.505148e-01 -0.3188628891 -0.3101433
## FALSE_1171 0.3426953281 -2.642011e-01 -0.3188628891 -0.3101433
## FALSE_1172 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1173 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1174 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1175 -0.1834984430 -3.733054e-01 -0.3188628891 -0.3101433
## TRUE_1176 -0.2057570624 -5.371961e-01 1.8983522303 -0.3101433
## FALSE_1177 -0.3829473971 -3.980328e-01 -0.3188628891 -0.3101433
## FALSE_1178 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1179 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1180 0.8086000322 1.162584e+00 -0.3188628891 -0.3101433
## FALSE_1181 -0.3857900234 -6.199127e-01 -0.3188628891 -0.3101433
## FALSE_1182 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1183 -0.2903398206 -7.797543e-01 -0.3188628891 -0.3101433
## FALSE_1184 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1185 0.1572887042 -1.219310e-01 -0.3188628891 -0.3101433
## FALSE_1186 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1187 -0.0833346446 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1188 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_1189 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_1190 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1191 -0.4506018761 -4.971339e-01 -0.3188628891 -0.3101433
## FALSE_1192 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1193 -0.1913544211 -7.280806e-01 -0.3188628891 -0.3101433
## FALSE_1194 -0.1358014045 -3.826706e-01 -0.3188628891 -0.3101433
## FALSE_1195 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1196 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1197 -0.4506018761 -7.971344e-01 -0.3188628891 -0.3101433
## TRUE_1198 -0.4506018761 -4.650842e-01 3.8613980445 -0.3101433
## FALSE_1199 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1200 -0.4506018761 -8.526857e-01 -0.3188628891 -0.3101433
## FALSE_1201 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1202 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1203 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_1204 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1205 -0.4317676562 -5.398376e-01 -0.3188628891 -0.3101433
## FALSE_1206 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1207 -0.3375965792 -2.531656e-01 -0.3188628891 -0.3101433
## FALSE_1208 -0.2502743013 -3.487218e-01 -0.3188628891 -0.3101433
## FALSE_1209 -0.0833346446 5.444825e-01 -0.3188628891 -0.3101433

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## FALSE_1210 -0.4506018761 -6.324877e-01 -0.0426812853 -0.3101433
## FALSE_1211 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_1212 -0.2903398206 -6.486418e-01 0.7709155353 -0.3101433
## FALSE_1213 -0.4506018761 -5.083514e-01 -0.3188628891 -0.3101433
## FALSE_1214 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_1215 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1216 -0.2407348803 -2.281451e-01 -0.3188628891 -0.3101433
## FALSE_1217 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1218 1.7530014690 1.746348e+00 -0.3188628891 -0.3101433
## FALSE_1219 0.1002989602 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1220 -0.4161705738 -4.752249e-01 -0.3188628891 -0.3101433
## FALSE_1221 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_1222 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1223 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1224 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1225 0.1002989602 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1226 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1227 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1228 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_1229 0.2505446468 5.772606e-01 -0.3188628891 -0.3101433
## TRUE_1230 -0.4506018761 -7.535318e-01 2.1343003974 -0.3101433
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## FALSE_1235 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
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## FALSE_1237 -0.2057570624 -3.775442e-02 -0.3188628891 -0.3101433
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## FALSE_1239 -0.0374262489 -1.315666e-01 -0.3188628891 -0.3101433
## FALSE_1240 0.0678930338 1.733182e-01 -0.3188628891 -0.3101433
## FALSE_1241 -0.0833346446 -3.311621e-01 0.5572668560 -0.3101433
## FALSE_1242 -0.2057570624 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_1243 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_1244 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1245 0.1370256900 -3.928058e-02 -0.3188628891 -0.3101433
## FALSE_1246 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1247 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1248 -0.0098812071 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_1249 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
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## FALSE_1251 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_1252 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1253 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1254 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1255 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_1256 -0.4506018761 -6.027524e-01 0.2592401539 -0.3101433
## FALSE_1257 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1258 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1259 -0.4506018761 -7.808174e-01 -0.3188628891 -0.3101433
## FALSE_1260 -0.2906629129 6.172241e-02 -0.3188628891 -0.3101433
## FALSE_1261 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_1262 -0.3848226635 -6.398031e-01 0.1405275653 -0.3101433
## FALSE_1263 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433

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## FALSE_1264 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1265 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1266 -0.2302415416 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1267 0.5593829831 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1268 2.7813497040 3.140511e+00 -0.3188628891 -0.3101433
## FALSE_1269 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1270 -0.4506018761 -7.666431e-01 -0.3188628891 -0.3101433
## FALSE_1271 0.1789990891 -1.251281e-01 -0.3188628891 -0.3101433
## FALSE_1272 -0.3170501595 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1273 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1274 -0.3110070859 -3.809392e-01 -0.3188628891 -0.3101433
## FALSE_1275 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_1276 -0.4506018761 -4.170096e-01 2.5367193251 -0.3101433
## FALSE_1277 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
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## TRUE_1282 -0.1751514579 4.543426e-01 1.2491773308 -0.3101433
## FALSE_1283 2.1937221380 2.563616e+00 -0.3188628891 -0.3101433
## FALSE_1284 0.1309045647 3.942493e-01 -0.3188628891 -0.3101433
## FALSE_1285 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1286 0.6511997965 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_1287 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1288 -0.3346227503 -3.474280e-01 -0.3188628891 -0.3101433
## FALSE_1289 -0.4506018761 -6.739601e-01 -0.3188628891 -0.3101433
## FALSE_1290 0.1789990891 -1.405806e-01 -0.3188628891 -0.3101433
## FALSE_1291 -0.4506018761 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_1292 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## TRUE_1293 -0.4506018761 -5.887046e-01 1.4726009101 -0.3101433
## FALSE_1294 -0.1707792224 7.060422e-02 1.4280053653 -0.3101433
## FALSE_1295 -0.4506018761 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1296 -0.3170501595 -6.191415e-01 -0.3188628891 -0.3101433
## FALSE_1297 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1298 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## TRUE_1299 -0.4506018761 -6.093080e-01 1.1695936159 -0.3101433
## FALSE_1300 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## TRUE_1301 -0.3674470308 -4.351510e-01 0.5898150539 -0.3101433
## FALSE_1302 -0.4216071057 -5.732521e-01 -0.3188628891 -0.3101433
## FALSE_1303 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1304 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## TRUE_1305 -0.4506018761 -3.569164e-01 1.1852451488 -0.3101433
## FALSE_1306 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_1307 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1308 0.5510359980 4.395924e-01 -0.3188628891 -0.3101433
## FALSE_1309 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_1310 -0.4506018761 -7.246871e-01 4.6400872654 -0.3101433
## FALSE_1311 -0.4506018761 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_1312 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1313 3.1171368752 1.185529e+00 -0.3188628891 -0.3101433
## FALSE_1314 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_1315 -0.4506018761 -3.569164e-01 -0.0722618112 -0.3101433
## TRUE_1316 -0.3598781381 -7.835376e-01 0.5862899401 -0.3101433
## FALSE_1317 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433

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## FALSE_1318 -0.1115859853 -3.707840e-01 -0.3188628891 -0.3101433
## FALSE_1319 -0.4032125488 -4.906723e-01 -0.3188628891 -0.3101433
## FALSE_1320 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1321 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1322 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_1323 -0.4506018761 -6.767675e-01 -0.3188628891 -0.3101433
## FALSE_1324 -0.1639542883 -1.414600e-01 -0.3188628891 -0.3101433
## FALSE_1325 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1326 -0.3504380776 -2.429913e-01 -0.0888684899 -0.3101433
## FALSE_1327 -0.3624577423 -5.516185e-01 -0.3188628891 -0.3101433
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## FALSE_1329 -0.3658478979 -5.996007e-01 -0.3188628891 -0.3101433
## TRUE_1330 -0.4506018761 -7.174759e-01 0.9590889325 -0.3101433
## FALSE_1331 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1332 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1333 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1334 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1335 -0.4506018761 -5.863633e-01 -0.3188628891 -0.3101433
## FALSE_1336 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1337 -0.4506018761 -5.543656e-01 -0.3188628891 -0.3101433
## TRUE_1338 -0.2515667366 -3.540313e-01 3.8820742376 -0.3101433
## FALSE_1339 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1340 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1341 -0.4506018761 -6.402131e-01 -0.3188628891 -0.3101433
## FALSE_1342 -0.2302415416 -4.170096e-01 -0.3188628891 -0.3101433
## TRUE_1343 -0.4423486764 -7.050503e-01 0.0300372275 -0.3101433
## FALSE_1344 -0.4506018761 -7.494111e-01 -0.3188628891 -0.3101433
## FALSE_1345 1.0184670280 9.050420e-01 -0.3188628891 -0.3101433
## FALSE_1346 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_1347 -0.4506018761 -6.481375e-01 -0.2019844466 -0.3101433
## FALSE_1348 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1349 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_1350 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1351 -0.1358014045 -7.741352e-01 -0.3188628891 -0.3101433
## FALSE_1352 -0.2057570624 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1353 -0.4506018761 -5.233284e-01 -0.3188628891 -0.3101433
## FALSE_1354 -0.4126087134 -6.820050e-01 0.5015341040 -0.3101433
## FALSE_1355 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1356 0.2839325649 6.373641e-02 -0.3188628891 -0.3101433
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## FALSE_1360 -0.0527290401 1.186788e-01 -0.3188628891 -0.3101433
## FALSE_1361 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## TRUE_1362 -0.4506018761 -8.155228e-01 3.0242807926 -0.3101433
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## FALSE_1364 -0.3366223881 -6.668554e-01 -0.3188628891 -0.3101433
## FALSE_1365 -0.3838260178 -7.140240e-01 -0.3188628891 -0.3101433
## FALSE_1366 -0.4506018761 -6.588849e-01 -0.3188628891 -0.3101433
## FALSE_1367 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1368 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_1369 -0.3314881907 -6.248998e-01 -0.1103077913 -0.3101433
## FALSE_1370 -0.4506018761 -6.191415e-01 -0.3188628891 -0.3101433
## FALSE_1371 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433

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## FALSE_1372  1.7530014690  2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1373 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1374 -0.4506018761  2.939742e-02 -0.3188628891 -0.3101433
## FALSE_1375 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
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## FALSE_1378 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_1379 -0.4506018761 -8.129181e-01 -0.3188628891 -0.3101433
## FALSE_1380  1.7530014690  2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1381  1.7530014690  1.626161e+00 -0.3188628891 -0.3101433
## FALSE_1382 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_1383 -0.2810939197 -2.459750e-01 -0.3188628891 -0.3101433
## FALSE_1384  3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## TRUE_1385  -0.4506018761 -7.313435e-01  2.9139321707 -0.3101433
## FALSE_1386 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1387  0.7736222143  9.050420e-01  1.1107334443 -0.3101433
## FALSE_1388 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1389 -0.2407348803 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1390 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1391  0.6511997965  7.247622e-01 -0.3188628891 -0.3101433
## FALSE_1392 -0.2589841977 -1.296071e-01 -0.3188628891 -0.3101433
## FALSE_1393 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1394  0.2839325649  6.373641e-02 -0.3188628891 -0.3101433
## TRUE_1395  -0.4506018761 -5.649315e-01  3.1450270071 -0.3101433
## FALSE_1396 -0.4506018761 -6.273360e-01  0.7675736746 -0.3101433
## FALSE_1397 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_1398 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1399 -0.3606588748 -5.798746e-01 -0.3188628891 -0.3101433
## TRUE_1400  -0.4506018761 -3.826706e-01  0.2297761445 -0.3101433
## FALSE_1401  0.1789990891 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1402 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1403 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_1404  -0.4506018761 -5.044180e-01  3.6537791330 -0.3101433
## FALSE_1405 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1406  0.8086000322  1.574653e+00 -0.3188628891 -0.3101433
## TRUE_1407  -0.4506018761 -5.887046e-01  0.9084633559 -0.3101433
## FALSE_1408  1.0184670280  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1409 -0.4506018761  2.939742e-02 -0.3188628891 -0.3101433
## FALSE_1410 -0.4506018761 -6.897405e-01 -0.3188628891 -0.3101433
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## FALSE_1412 -0.2873720076 -6.703150e-01 -0.3188628891 -0.3101433
## FALSE_1413  0.0133146269 -7.742922e-03 -0.3188628891 -0.3101433
## FALSE_1414 -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1415 -0.2302415416  1.690492e-01 -0.3188628891 -0.3101433
## FALSE_1416 -0.4506018761  3.384484e-01 -0.3188628891 -0.3101433
## FALSE_1417 -0.4506018761 -7.045988e-01 -0.3188628891 -0.3101433
## FALSE_1418 -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1419 -0.4164374742 -5.051294e-01  0.4490911526 -0.3101433
## FALSE_1420 -0.3346227503 -5.854515e-01  0.2674688185 -0.3101433
## FALSE_1421 -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1422  0.1789990891  9.120763e-02 -0.3188628891 -0.3101433
## FALSE_1423  3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1424  0.0390877513  6.373641e-02 -0.3188628891 -0.3101433
## FALSE_1425 -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433

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## FALSE_1426 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
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## FALSE_1428 -0.3246816786 -4.856876e-01 0.1928416033 -0.3101433
## FALSE_1429 -0.4506018761 -8.139046e-01 -0.3188628891 -0.3101433
## FALSE_1430 0.0053160536 2.229280e-02 -0.3188628891 -0.3101433
## FALSE_1431 -0.3346227503 -2.904975e-01 -0.3188628891 -0.3101433
## FALSE_1432 0.2104791274 5.156377e-01 -0.3188628891 -0.3101433
## TRUE_1433 -0.3547930369 -5.528726e-01 0.4122341405 -0.3101433
## FALSE_1434 -0.4506018761 -8.708816e-01 -0.3188628891 -0.3101433
## FALSE_1435 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_1436 0.0182499051 -5.389293e-02 0.3837417280 -0.3101433
## FALSE_1437 -0.3281794582 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1438 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1439 -0.2302415416 3.969911e-02 -0.3188628891 -0.3101433
## TRUE_1440 -0.4506018761 -6.779493e-01 0.4106516329 -0.3101433
## FALSE_1441 -0.4506018761 -7.543513e-01 -0.3188628891 -0.3101433
## FALSE_1442 -0.1751514579 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_1443 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1444 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1445 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1446 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1447 -0.2810939197 -6.204022e-01 -0.3188628891 -0.3101433
## FALSE_1448 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1449 -0.3911254098 -4.575158e-01 0.4872304737 -0.3101433
## FALSE_1450 0.1789990891 7.505165e-01 -0.3188628891 -0.3101433
## FALSE_1451 -0.4506018761 -3.785499e-01 -0.3188628891 -0.3101433
## FALSE_1452 -0.4506018761 -8.016064e-01 -0.3188628891 -0.3101433
## FALSE_1453 2.1937221380 2.130944e+00 -0.3188628891 -0.3101433
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## FALSE_1455 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
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## FALSE_1458 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1459 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## TRUE_1460 -0.4506018761 -4.441485e-01 0.4796606978 -0.3101433
## TRUE_1461 -0.4506018761 -6.659674e-01 13.7024532484 -0.3101433
## FALSE_1462 -0.4506018761 -3.929723e-01 -0.3188628891 -0.3101433
## FALSE_1463 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1464 -0.4506018761 -7.309662e-01 -0.3188628891 -0.3101433
## FALSE_1465 -0.2589841977 -4.152295e-01 -0.3188628891 -0.3101433
## FALSE_1466 -0.3568315242 -5.699278e-01 -0.3188628891 -0.3101433
## FALSE_1467 -0.4506018761 -6.644524e-01 0.9124865707 -0.3101433
## FALSE_1468 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1469 -0.3860274175 -4.417018e-01 -0.3188628891 -0.3101433
## FALSE_1470 -0.4506018761 -6.526462e-01 -0.3188628891 -0.3101433
## FALSE_1471 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1472 0.8086000322 2.192755e+00 -0.3188628891 -0.3101433
## FALSE_1473 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_1474 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1475 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1476 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1477 -0.4234806092 5.727290e-01 -0.3188628891 -0.3101433
## FALSE_1478 -0.4506018761 -4.380422e-01 1.4682023132 -0.3101433
## FALSE_1479 -0.4506018761 -5.991971e-01 -0.3188628891 -0.3101433

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## TRUE_1482 -0.4506018761 -4.553394e-01 0.7195263399 -0.3101433
## FALSE_1483 -0.2669682713 -3.869630e-01 -0.3188628891 -0.3101433
## FALSE_1484 0.4308394619 4.002586e-01 -0.3188628891 -0.3101433
## TRUE_1485 -0.3968554616 -3.603084e-01 0.1439749747 -0.3101433
## FALSE_1486 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_1487 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_1488 -0.4440435338 -6.616750e-01 0.3295259256 -0.3101433
## FALSE_1489 -0.1358014045 -5.423470e-01 -0.3188628891 -0.3101433
## FALSE_1490 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_1491 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1492 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_1493 0.3999116907 3.198261e-01 -0.3188628891 -0.3101433
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## FALSE_1497 -0.4506018761 -5.629504e-01 0.2626205978 -0.3101433
## TRUE_1498 -0.2302415416 -2.487485e-01 -0.1145376070 -0.3101433
## FALSE_1499 -0.4506018761 -7.868142e-01 -0.3188628891 -0.3101433
## FALSE_1500 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1501 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1502 -0.1358014045 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1503 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1504 -0.4506018761 -1.342178e-01 -0.3188628891 -0.3101433
## FALSE_1505 -0.4506018761 7.787600e-02 -0.3188628891 -0.3101433
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## FALSE_1509 -0.4506018761 -6.758729e-01 -0.3188628891 -0.3101433
## FALSE_1510 -0.2810939197 -1.489012e-01 -0.3188628891 -0.3101433
## FALSE_1511 -0.3867293093 -7.011026e-01 -0.3188628891 -0.3101433
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## FALSE_1513 -0.4506018761 -8.279699e-01 -0.3188628891 -0.3101433
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## FALSE_1516 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
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## FALSE_1524 -0.2669682713 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1525 -0.4202073548 -6.169397e-01 -0.3188628891 -0.3101433
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## FALSE_1527 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1528 -0.1707792224 -2.041078e-01 -0.3188628891 -0.3101433
## FALSE_1529 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1530 -0.1358014045 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1531 0.6511997965 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1532 -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## TRUE_1533 -0.4506018761 -8.204929e-01 0.8027895097 -0.3101433

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## FALSE_1536 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1537 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1538 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1539 0.4308394619 7.848555e-01 -0.3188628891 -0.3101433
## TRUE_1540 -0.4506018761 -7.947386e-01 2.9088164927 -0.3101433
## TRUE_1541 -0.3925031026 -5.881474e-01 0.0969047136 -0.3101433
## FALSE_1542 -0.4506018761 -3.727810e-01 -0.3188628891 -0.3101433
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## FALSE_1545 -0.4506018761 -8.748630e-01 -0.3188628891 -0.3101433
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## FALSE_1547 -0.4506018761 -8.438047e-01 2.6276563933 -0.3101433
## FALSE_1548 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1549 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
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## FALSE_1553 0.2839325649 1.265601e+00 -0.3188628891 -0.3101433
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## FALSE_1557 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
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## FALSE_1566 0.2602379233 3.048848e-01 -0.3188628891 -0.3101433
## FALSE_1567 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1568 -0.0308679066 -2.281451e-01 -0.3188628891 -0.3101433
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## FALSE_1570 -0.4506018761 -7.876211e-01 -0.3188628891 -0.3101433
## FALSE_1571 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1572 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
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## FALSE_1575 -0.3314881907 -4.884719e-01 -0.3188628891 -0.3101433
## FALSE_1576 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_1577 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
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## FALSE_1579 1.2021006327 8.329301e-01 -0.3188628891 -0.3101433
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## FALSE_1581 0.4937995607 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1582 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1583 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
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## FALSE_1585 -0.4506018761 -6.054101e-01 -0.3188628891 -0.3101433
## FALSE_1586 -0.4506018761 -5.930247e-01 -0.3188628891 -0.3101433
## FALSE_1587 -0.4506018761 -8.686195e-01 -0.3188628891 -0.3101433

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## FALSE_1588 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1589 -0.3084339162 -2.938408e-01 0.9750410725 -0.3101433
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## FALSE_1594 -0.4506018761 3.428959e+00 -0.3188628891 -0.3101433
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## FALSE_1597 -0.4506018761 -6.027524e-01 -0.3188628891 -0.3101433
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## FALSE_1599 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
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## FALSE_1617 0.1789990891 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1618 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
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## FALSE_1622 -0.0833346446 6.373641e-02 -0.3188628891 -0.3101433
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## FALSE_1624 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1625 -0.1358014045 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_1626 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
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## FALSE_1641 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433

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## FALSE_1642 -0.0499467264 -1.110803e-01 -0.3188628891 -0.3101433
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## FALSE_1644 -0.4506018761 -8.553369e-01 -0.3188628891 -0.3101433
## FALSE_1645 -0.4506018761 -6.165192e-01 -0.3188628891 -0.3101433
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## FALSE_1671 -0.4506018761 -8.598020e-01 -0.3188628891 -0.3101433
## FALSE_1672 -0.0833346446 3.643173e-03 -0.3188628891 -0.3101433
## FALSE_1673 -0.2057570624 -2.166988e-01 -0.3188628891 -0.3101433
## FALSE_1674 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433
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## FALSE_1676 -0.4506018761 -6.988263e-01 -0.3188628891 -0.3101433
## FALSE_1677 -0.1358014045 -2.211110e-02 -0.3188628891 -0.3101433
## FALSE_1678 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_1679 -0.0098812071 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1680 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_1681 -0.4506018761 4.335411e-01 -0.3188628891 -0.3101433
## FALSE_1682 -0.4506018761 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_1683 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1684 0.1370256900 2.560348e-01 -0.3188628891 -0.3101433
## TRUE_1685 -0.1913544211 -3.208604e-01 2.5069699851 -0.3101433
## FALSE_1686 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1687 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_1688 -0.4506018761 -7.510874e-01 0.0710696522 -0.3101433
## FALSE_1689 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1690 -0.4506018761 -8.408252e-01 -0.3188628891 -0.3101433
## FALSE_1691 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## TRUE_1692 -0.4506018761 -7.666431e-01 0.2513651332 -0.3101433
## FALSE_1693 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1694 -0.3431090251 -5.462452e-01 -0.3188628891 -0.3101433
## FALSE_1695 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433

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## FALSE_1696 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_1697 -0.4506018761 -5.135230e-01 1.6104629779 -0.3101433
## TRUE_1698 -0.2743136085 -3.352828e-01 0.4372159798 -0.3101433
## FALSE_1699 -0.0374262489 1.130392e+00 -0.3188628891 -0.3101433
## FALSE_1700 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1701 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_1702 -0.4506018761 -7.214821e-01 -0.3188628891 -0.3101433
## FALSE_1703 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_1704 -0.4506018761 -3.953760e-01 -0.0283656159 -0.3101433
## FALSE_1705 -0.2538515869 -5.200266e-01 1.1330708874 -0.3101433
## FALSE_1706 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1707 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1708 1.0749696654 1.321072e+00 -0.3188628891 -0.3101433
## FALSE_1709 -0.3719017472 -6.183220e-01 -0.3188628891 -0.3101433
## FALSE_1710 -0.4506018761 -4.394173e-01 -0.3188628891 -0.3101433
## FALSE_1711 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1712 -0.2792104999 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1713 -0.4506018761 -5.110004e-01 -0.3188628891 -0.3101433
## FALSE_1714 -0.4506018761 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_1715 -0.0833346446 3.643173e-03 -0.3188628891 -0.3101433
## FALSE_1716 0.1002989602 4.242959e-01 -0.3188628891 -0.3101433
## FALSE_1717 -0.2723814891 -5.285434e-01 -0.3188628891 -0.3101433
## FALSE_1718 -0.4506018761 -7.502540e-01 -0.3188628891 -0.3101433
## FALSE_1719 -0.4506018761 -6.729913e-01 -0.3188628891 -0.3101433
## FALSE_1720 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1721 -0.4506018761 -5.516185e-01 -0.3188628891 -0.3101433
## FALSE_1722 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_1723 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1724 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1725 -0.4506018761 -7.868142e-01 -0.3188628891 -0.3101433
## FALSE_1726 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_1727 -0.1418844956 -3.227318e-01 -0.2274361883 -0.3101433
## FALSE_1728 -0.4506018761 -5.725844e-01 -0.3188628891 -0.3101433
## FALSE_1729 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1730 -0.2302415416 -1.457315e-01 -0.3188628891 -0.3101433
## FALSE_1731 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_1732 -0.4506018761 1.007169e-01 -0.3188628891 -0.3101433
## FALSE_1733 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_1734 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1735 -0.4506018761 -5.131588e-01 -0.3188628891 -0.3101433
## FALSE_1736 -0.4506018761 -5.371961e-01 0.6575656620 -0.3101433
## FALSE_1737 -0.4506018761 -7.711201e-01 -0.3188628891 -0.3101433
## FALSE_1738 -0.4506018761 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_1739 -0.4506018761 -7.338649e-01 0.5692626863 -0.3101433
## TRUE_1740 0.0740655912 -3.928058e-02 0.4455781205 -0.3101433
## FALSE_1741 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_1742 -0.4506018761 -5.143034e-01 0.0640647002 -0.3101433
## FALSE_1743 0.1002989602 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1744 -0.4506018761 -7.723436e-01 -0.3188628891 -0.3101433
## TRUE_1745 -0.4506018761 -7.808174e-01 1.1416901436 -0.3101433
## TRUE_1746 -0.4506018761 -8.376624e-01 0.4117876391 -0.3101433
## FALSE_1747 -0.3346227503 -4.821634e-01 -0.3188628891 -0.3101433
## FALSE_1748 0.1002989602 -2.667765e-01 -0.3188628891 -0.3101433
## FALSE_1749 -0.1466565970 -5.247630e-01 -0.3188628891 -0.3101433

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## FALSE_1750 -0.1358014045 4.414654e-01 -0.3188628891 -0.3101433
## TRUE_1751 -0.4289979252 -7.413364e-01 0.2969490465 -0.3101433
## TRUE_1752 -0.4506018761 -5.044180e-01 0.2662985845 -0.3101433
## FALSE_1753 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_1754 -0.4506018761 -6.716420e-01 4.2792556995 -0.3101433
## FALSE_1755 -0.2502743013 9.028136e-03 -0.3188628891 -0.3101433
## FALSE_1756 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1757 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1758 -0.3209781486 -4.805965e-01 -0.3188628891 -0.3101433
## FALSE_1759 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1760 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1761 -0.2502743013 -2.297840e-01 -0.3188628891 -0.3101433
## FALSE_1762 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1763 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_1764 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1765 -0.4506018761 -7.096376e-01 -0.3188628891 -0.3101433
## FALSE_1766 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1767 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1768 -0.0499467264 4.395924e-01 -0.3188628891 -0.3101433
## FALSE_1769 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1770 0.1002989602 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_1771 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1772 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1773 -0.4506018761 -7.723436e-01 -0.3188628891 -0.3101433
## FALSE_1774 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1775 0.1002989602 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1776 -0.4506018761 -4.939290e-01 1.8667808562 -0.3101433
## FALSE_1777 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1778 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1779 -0.3084339162 -3.893169e-01 0.1082062894 -0.3101433
## FALSE_1780 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1781 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1782 0.5664458183 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1783 0.8715601310 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_1784 -0.2743136085 -2.920156e-01 -0.3188628891 -0.3101433
## FALSE_1785 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1786 -0.4506018761 -8.145496e-01 -0.3188628891 -0.3101433
## FALSE_1787 -0.4506018761 -7.983581e-01 -0.3188628891 -0.3101433
## TRUE_1788 -0.2057570624 -1.534896e-01 0.3541938357 -0.3101433
## FALSE_1789 -0.4506018761 -8.109333e-01 -0.3188628891 -0.3101433
## FALSE_1790 -0.3571156789 4.789841e-02 -0.1401812210 -0.3101433
## FALSE_1791 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1792 -0.4506018761 -3.123766e-01 -0.3188628891 -0.3101433
## FALSE_1793 -0.4506018761 -6.949409e-01 2.3978232225 -0.3101433
## FALSE_1794 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1795 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_1796 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1797 -0.3526639594 -3.101772e-01 -0.3188628891 -0.3101433
## FALSE_1798 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_1799 -0.1567881041 -3.260113e-01 -0.1903021706 -0.3101433
## FALSE_1800 -0.4506018761 -2.166988e-01 -0.3188628891 -0.3101433
## FALSE_1801 -0.4383596255 -4.323936e-01 0.0531693607 -0.3101433
## FALSE_1802 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1803 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433

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## FALSE_1804 -0.3314881907 -3.910233e-01 -0.3188628891 -0.3101433
## TRUE_1805 -0.3036949791 -5.804633e-01 1.8108020362 -0.3101433
## FALSE_1806 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1807 -0.1567881041 -2.247112e-01 -0.3188628891 -0.3101433
## FALSE_1808 -0.4506018761 -7.246871e-01 0.7495728437 -0.3101433
## FALSE_1809 -0.1980251251 -4.860333e-02 -0.3188628891 -0.3101433
## FALSE_1810 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1811 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1812 -0.4506018761 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_1813 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1814 -0.4506018761 -6.735052e-01 1.2947314203 -0.3101433
## FALSE_1815 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1816 0.0390877513 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_1817 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1818 -0.4113685916 -6.618406e-01 0.0279460406 -0.3101433
## TRUE_1819 -0.4506018761 -6.065345e-01 1.3726750530 -0.3101433
## FALSE_1820 -0.4506018761 -8.279699e-01 -0.3188628891 -0.3101433
## FALSE_1821 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1822 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_1823 -0.4506018761 -7.775691e-01 2.0785690031 -0.3101433
## FALSE_1824 -0.4506018761 -7.861539e-01 -0.3188628891 -0.3101433
## FALSE_1825 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1826 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1827 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_1828 -0.0221234577 5.125184e-01 -0.3188628891 -0.3101433
## FALSE_1829 -0.1358014045 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_1830 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1831 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1832 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1833 0.3507084232 1.213465e-01 -0.3188628891 -0.3101433
## FALSE_1834 -0.0374262489 2.740628e-01 -0.3188628891 -0.3101433
## FALSE_1835 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1836 -0.4506018761 -6.177918e-01 0.2345906115 -0.3101433
## FALSE_1837 -0.4506018761 -6.381528e-01 -0.3188628891 -0.3101433
## FALSE_1838 -0.4506018761 -7.332696e-01 -0.3188628891 -0.3101433
## FALSE_1839 0.1789990891 6.474994e-01 -0.3188628891 -0.3101433
## FALSE_1840 -0.4506018761 -4.484870e-01 -0.3188628891 -0.3101433
## FALSE_1841 0.8715601310 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1842 -0.3771484386 -7.816370e-01 -0.3188628891 -0.3101433
## FALSE_1843 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1844 -0.0098812071 -2.247112e-01 -0.3188628891 -0.3101433
## FALSE_1845 -0.2057570624 -8.726715e-02 0.2140399079 -0.3101433
## FALSE_1846 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1847 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1848 1.7530014690 2.275168e+00 -0.3188628891 -0.3101433
## FALSE_1849 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_1850 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_1851 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1852 -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433
## TRUE_1853 -0.1701432625 -4.223718e-01 -0.2298463783 -0.3101433
## FALSE_1854 -0.4506018761 -8.485884e-01 -0.3188628891 -0.3101433
## FALSE_1855 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1856 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1857 -0.4506018761 -8.228702e-01 -0.3188628891 -0.3101433

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## FALSE_1858 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1859 -0.0980253409 -3.568032e-03 -0.3188628891 -0.3101433
## FALSE_1860 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1861 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1862 -0.0499467264 -8.485780e-02 -0.3188628891 -0.3101433
## TRUE_1863 -0.3587850627 -6.874293e-01 1.8074819331 -0.3101433
## FALSE_1864 -0.1062888534 -3.231139e-01 -0.3188628891 -0.3101433
## FALSE_1865 -0.4506018761 -7.725193e-01 1.2366909740 -0.3101433
## TRUE_1866 -0.4506018761 -8.742409e-01 2.1385318338 -0.3101433
## TRUE_1867 -0.4506018761 -5.371961e-01 0.3531715833 -0.3101433
## FALSE_1868 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_1869 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1870 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1871 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_1872 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1873 -0.4105363567 -5.076958e-01 -0.3188628891 -0.3101433
## FALSE_1874 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_1875 -0.2932016403 -7.947386e-01 -0.3188628891 -0.3101433
## FALSE_1876 0.2349636066 4.964078e-01 -0.3188628891 -0.3101433
## FALSE_1877 2.6344428070 2.707840e+00 -0.3188628891 -0.3101433
## FALSE_1878 -0.1751514579 -5.672427e-01 -0.3188628891 -0.3101433
## FALSE_1879 -0.3209781486 -7.054572e-01 -0.3188628891 -0.3101433
## TRUE_1880 -0.4506018761 -2.672916e-01 0.2364962507 -0.3101433
## TRUE_1881 -0.4506018761 -7.808174e-01 0.7996393608 -0.3101433
## FALSE_1882 -0.4506018761 -7.818615e-01 -0.3188628891 -0.3101433
## FALSE_1883 -0.4506018761 -8.616997e-01 -0.3188628891 -0.3101433
## FALSE_1884 -0.4506018761 4.543426e-01 -0.3188628891 -0.3101433
## FALSE_1885 -0.4506018761 -4.856876e-01 2.5899930322 -0.3101433
## FALSE_1886 -0.4506018761 -2.875780e-01 -0.3188628891 -0.3101433
## FALSE_1887 -0.4506018761 -2.693519e-01 -0.3188628891 -0.3101433
## FALSE_1888 -0.3128766670 -4.234482e-01 -0.3188628891 -0.3101433
## FALSE_1889 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## TRUE_1890 -0.0098812071 -3.241279e-02 0.4333910448 -0.3101433
## FALSE_1891 0.1789990891 4.157112e-01 -0.3188628891 -0.3101433
## FALSE_1892 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1893 -0.4506018761 -7.054572e-01 -0.3188628891 -0.3101433
## FALSE_1894 -0.4506018761 -2.094147e-01 -0.3188628891 -0.3101433
## FALSE_1895 -0.3876417774 -6.196097e-01 -0.3188628891 -0.3101433
## FALSE_1896 -0.3918391129 -3.834776e-01 -0.3188628891 -0.3101433
## FALSE_1897 -0.4506018761 -4.195399e-01 -0.3188628891 -0.3101433
## FALSE_1898 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1899 -0.3246816786 -6.968725e-01 -0.3188628891 -0.3101433
## FALSE_1900 0.2274299275 1.118110e-01 -0.3188628891 -0.3101433
## TRUE_1901 -0.4506018761 -4.170096e-01 4.4418197661 -0.3101433
## FALSE_1902 -0.2932016403 -6.692220e-01 -0.3188628891 -0.3101433
## FALSE_1903 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_1904 -0.4506018761 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_1905 -0.0833346446 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1906 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1907 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1908 0.1002989602 9.951818e-01 -0.3188628891 -0.3101433
## FALSE_1909 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1910 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_1911 -0.4506018761 -8.218484e-01 -0.3188628891 -0.3101433

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## FALSE_1912 -0.4506018761 -2.217065e-01 -0.3188628891 -0.3101433
## FALSE_1913 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_1914 -0.4119421675 -1.956134e-01 -0.3188628891 -0.3101433
## FALSE_1915 0.2839325649 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_1916 -0.4506018761 -8.400661e-01 -0.3188628891 -0.3101433
## FALSE_1917 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_1918 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1919 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_1920 -0.4506018761 4.543426e-01 -0.3188628891 -0.3101433
## FALSE_1921 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## TRUE_1922 -0.2057570624 -4.170096e-01 1.1493890019 -0.3101433
## FALSE_1923 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1924 0.5863879437 4.596449e-01 -0.3188628891 -0.3101433
## FALSE_1925 -0.1913544211 -1.342178e-01 -0.3188628891 -0.3101433
## TRUE_1926 -0.4506018761 -6.355305e-01 0.5994140301 -0.3101433
## TRUE_1927 -0.4506018761 -6.069818e-01 0.1665686550 -0.3101433
## FALSE_1928 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1929 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_1930 -0.4506018761 -7.249875e-01 -0.3188628891 -0.3101433
## FALSE_1931 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1932 -0.3036949791 -6.475432e-01 -0.3188628891 -0.3101433
## FALSE_1933 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_1934 -0.2669682713 -5.221728e-01 -0.3188628891 -0.3101433
## FALSE_1935 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1936 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_1937 1.0184670280 1.025228e+00 -0.3188628891 -0.3101433
## FALSE_1938 -0.2589841977 -8.257760e-02 -0.3188628891 -0.3101433
## FALSE_1939 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_1940 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1941 -0.4506018761 -4.311492e-01 -0.3188628891 -0.3101433
## TRUE_1942 -0.4506018761 -5.371961e-01 1.4682225228 -0.3101433
## TRUE_1943 -0.2959630417 -4.097803e-01 0.1914668109 -0.3101433
## TRUE_1944 -0.4506018761 -4.891215e-01 0.0180912855 -0.3101433
## FALSE_1945 -0.1380340293 -2.555798e-01 -0.3188628891 -0.3101433
## FALSE_1946 -0.4506018761 -2.968231e-01 -0.3188628891 -0.3101433
## FALSE_1947 -0.1115859853 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_1948 -0.4506018761 -4.978409e-01 -0.0794256099 -0.3101433
## FALSE_1949 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_1950 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1951 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_1952 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1953 -0.4506018761 -8.279699e-01 -0.3188628891 -0.3101433
## FALSE_1954 -0.2084476621 -2.162585e-01 -0.3188628891 -0.3101433
## TRUE_1955 -0.1799839160 -5.599683e-01 0.1686968758 -0.3101433
## TRUE_1956 -0.4506018761 -4.170096e-01 2.7892102604 -0.3101433
## FALSE_1957 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_1958 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_1959 -0.2502743013 -5.419412e-01 -0.1664567198 -0.3101433
## TRUE_1960 -0.4506018761 -5.612334e-01 0.2592742759 -0.3101433
## FALSE_1961 -0.0833346446 1.085322e+00 -0.3188628891 -0.3101433
## FALSE_1962 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1963 -0.4506018761 -5.772583e-01 -0.3188628891 -0.3101433
## FALSE_1964 0.4937995607 1.033813e+00 -0.3188628891 -0.3101433
## TRUE_1965 -0.4506018761 -7.520602e-01 2.3337695062 -0.3101433

```

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## FALSE_1966 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1967 -0.4506018761 -6.316284e-01 -0.3188628891 -0.3101433
## FALSE_1968 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_1969 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_1970 -0.3431090251 -3.604340e-01 0.0322453224 -0.3101433
## TRUE_1971 -0.2547260207 -6.759742e-01 -0.2214624837 -0.3101433
## FALSE_1972 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_1973 -0.3587850627 -6.724059e-01 0.4661198895 -0.3101433
## TRUE_1974 -0.2932016403 -7.344001e-01 -0.0198358411 -0.3101433
## FALSE_1975 -0.4506018761 -7.552089e-01 -0.3188628891 -0.3101433
## FALSE_1976 -0.2535316677 -2.344266e-01 -0.3188628891 -0.3101433
## FALSE_1977 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_1978 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1979 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_1980 0.1002989602 -2.217065e-01 -0.3188628891 -0.3101433
## FALSE_1981 -0.4506018761 -7.741352e-01 -0.3188628891 -0.3101433
## FALSE_1982 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_1983 -0.3848226635 -7.686000e-01 5.5747047501 -0.3101433
## FALSE_1984 -0.4506018761 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_1985 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_1986 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_1987 0.1002989602 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_1988 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_1989 -0.4506018761 -4.817254e-01 -0.3188628891 -0.3101433
## FALSE_1990 -0.4065298092 -1.045247e-01 -0.3188628891 -0.3101433
## FALSE_1991 -0.4506018761 -7.411490e-01 -0.3188628891 -0.3101433
## FALSE_1992 -0.2186436246 -5.941266e-01 -0.3188628891 -0.3101433
## TRUE_1993 -0.4506018761 -3.929723e-01 2.0798361804 -0.3101433
## FALSE_1994 -0.2669682713 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_1995 -0.3658478979 -6.342698e-01 -0.3188628891 -0.3101433
## FALSE_1996 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1997 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_1998 -0.1924654779 -3.058101e-01 -0.0094206297 -0.3101433
## FALSE_1999 -0.3335743640 -6.123479e-01 -0.1153373188 -0.3101433
## FALSE_2000 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2001 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2002 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## TRUE_2003 -0.4254178410 -8.588265e-01 0.6113972489 -0.3101433
## FALSE_2004 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2005 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2006 1.1234005038 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2007 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2008 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2009 -0.4016329177 -5.572272e-01 -0.3188628891 -0.3101433
## FALSE_2010 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2011 0.3757493783 1.536021e+00 -0.3188628891 -0.3101433
## FALSE_2012 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2013 -0.3404217088 1.373769e+00 -0.3188628891 -0.3101433
## FALSE_2014 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2015 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_2016 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2017 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2018 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_2019 -0.3526639594 -5.612334e-01 -0.3188628891 -0.3101433

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## TRUE_2020 -0.4179559112 -5.088444e-01 0.5483321343 -0.3101433
## FALSE_2021 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## TRUE_2022 -0.4506018761 -6.488533e-01 -0.2334574025 -0.3101433
## TRUE_2023 -0.4506018761 -8.850673e-01 2.6129149890 -0.3101433
## FALSE_2024 2.8548031415 2.617700e+00 -0.3188628891 -0.3101433
## FALSE_2025 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## TRUE_2026 -0.4506018761 -6.814199e-01 4.6131586690 -0.3101433
## FALSE_2027 -0.4506018761 -8.510353e-01 -0.3188628891 -0.3101433
## TRUE_2028 -0.4506018761 -7.313435e-01 0.3241895163 -0.3101433
## FALSE_2029 -0.4506018761 -7.758132e-01 1.4683512089 -0.3101433
## FALSE_2030 -0.3084339162 -5.488271e-01 -0.3188628891 -0.3101433
## TRUE_2031 -0.3209781486 -5.159867e-01 1.8183822000 -0.3101433
## TRUE_2032 0.1370256900 6.887062e-01 0.7533343611 -0.3101433
## FALSE_2033 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_2034 0.8086000322 1.574653e+00 -0.3188628891 -0.3101433
## FALSE_2035 -0.0833346446 -2.893114e-01 -0.3188628891 -0.3101433
## FALSE_2036 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_2037 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2038 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2039 0.1002989602 9.951818e-01 -0.3188628891 -0.3101433
## TRUE_2040 -0.1567881041 -4.481167e-01 1.0817150992 -0.3101433
## FALSE_2041 -0.4506018761 -7.485586e-01 -0.3188628891 -0.3101433
## TRUE_2042 -0.4506018761 -8.462471e-01 1.0082721635 -0.3101433
## FALSE_2043 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## FALSE_2044 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2045 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2046 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_2047 -0.4506018761 -7.868142e-01 2.6291969637 -0.3101433
## FALSE_2048 -0.4506018761 -8.664026e-01 -0.3188628891 3.6974335
## TRUE_2049 -0.3597316425 -5.665951e-01 -0.0165444938 -0.3101433
## FALSE_2050 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2051 -0.4056303864 -3.629753e-01 -0.3188628891 2.6955393
## FALSE_2052 -0.3149955198 -6.312442e-01 -0.3188628891 -0.3101433
## FALSE_2053 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_2054 -0.4506018761 -7.313435e-01 0.2988050223 -0.3101433
## FALSE_2055 -0.4506018761 1.238297e-01 -0.3188628891 -0.3101433
## FALSE_2056 0.2274299275 -3.430487e-01 -0.3188628891 -0.3101433
## FALSE_2057 -0.1913544211 5.020637e-01 -0.3188628891 3.6974335
## FALSE_2058 2.9772255594 2.948213e+00 -0.3188628891 -0.3101433
## FALSE_2059 -0.1969165143 -4.743336e-02 -0.3188628891 1.6936451
## FALSE_2060 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_2061 -0.4506018761 -8.422849e-01 -0.3188628891 -0.3101433
## FALSE_2062 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2063 -0.2484816479 -4.415144e-01 -0.3188628891 2.6955393
## TRUE_2064 -0.2669682713 -3.569164e-01 0.4687967182 2.6955393
## FALSE_2065 -0.3771484386 -3.932336e-01 -0.3188628891 -0.3101433
## TRUE_2066 -0.2664297547 -1.627902e-01 0.0429956397 -0.3101433
## FALSE_2067 -0.4506018761 -8.408252e-01 -0.3188628891 -0.3101433
## FALSE_2068 1.0184670280 1.085322e+00 -0.3188628891 -0.3101433
## FALSE_2069 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2070 -0.0833346446 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2071 -0.3704708373 -7.010868e-01 0.7667057107 -0.3101433
## FALSE_2072 0.1002989602 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2073 0.1002989602 7.247622e-01 -0.3188628891 -0.3101433

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## FALSE_2074 -0.4506018761 -6.498710e-01 0.6458250849 -0.3101433
## FALSE_2075 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2076 -0.4506018761 -6.054101e-01 -0.3188628891 2.6955393
## FALSE_2077 -0.4506018761 8.329301e-01 -0.3188628891 2.6955393
## TRUE_2078 -0.1115859853 1.751083e-02 0.2681340467 2.6955393
## FALSE_2079 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_2080 -0.2186436246 -2.335671e-01 -0.3188628891 3.6974335
## FALSE_2081 -0.1751514579 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2082 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_2083 0.2274299275 8.218359e-01 -0.3188628891 2.6955393
## FALSE_2084 -0.3162358179 -3.701076e-01 -0.3188628891 -0.3101433
## FALSE_2085 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## FALSE_2086 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_2087 -0.4506018761 -7.096376e-01 2.1480291325 -0.3101433
## FALSE_2088 -0.3294036921 -2.342153e-02 0.1145356902 -0.3101433
## FALSE_2089 -0.2986292255 6.751441e-03 -0.3188628891 -0.3101433
## FALSE_2090 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2091 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2092 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_2093 -0.2123744832 -1.961263e-01 -0.3188628891 0.6917509
## FALSE_2094 -0.1913544211 -4.099398e-01 -0.3188628891 0.6917509
## FALSE_2095 0.2274299275 6.831592e-01 -0.3188628891 3.6974335
## FALSE_2096 -0.3209781486 -5.287124e-01 -0.3188628891 4.6993277
## FALSE_2097 -0.0499467264 2.822574e-01 -0.3188628891 2.6955393
## FALSE_2098 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2099 -0.4506018761 -4.674104e-01 -0.3188628891 -0.3101433
## FALSE_2100 -0.1834984430 -3.506587e-01 1.4004860958 -0.3101433
## FALSE_2101 0.2839325649 9.050420e-01 -0.3188628891 -0.3101433
## FALSE_2102 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2103 -0.3036949791 -2.247112e-01 -0.3188628891 2.6955393
## FALSE_2104 1.3857342375 1.772102e+00 -0.3188628891 1.6936451
## FALSE_2105 -0.1200613743 8.476906e-02 -0.3188628891 -0.3101433
## FALSE_2106 -0.4506018761 -8.094553e-01 -0.3188628891 3.6974335
## FALSE_2107 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_2108 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## TRUE_2109 -0.1899606200 -1.600210e-01 0.6522855007 -0.3101433
## FALSE_2110 0.0740655912 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_2111 1.4382009974 2.192755e+00 -0.3188628891 -0.3101433
## FALSE_2112 -0.4506018761 -1.766366e-01 -0.3188628891 2.6955393
## FALSE_2113 1.1383910224 9.737200e-01 -0.3188628891 4.6993277
## FALSE_2114 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## FALSE_2115 -0.2057570624 4.242959e-01 -0.3188628891 3.6974335
## FALSE_2116 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_2117 -0.0406291643 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2118 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2119 0.9266502146 1.626161e+00 -0.3188628891 3.6974335
## TRUE_2120 -0.4506018761 -6.949409e-01 1.1279881025 -0.3101433
## FALSE_2121 -0.3806462182 -4.959893e-01 -0.3188628891 -0.3101433
## FALSE_2122 2.4875359100 2.467467e+00 -0.3188628891 3.6974335
## FALSE_2123 -0.4506018761 -8.311908e-01 -0.3188628891 4.6993277
## FALSE_2124 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_2125 -0.4506018761 -7.775691e-01 1.2038724033 -0.3101433
## FALSE_2126 -0.4506018761 -4.921262e-01 -0.3188628891 3.6974335
## TRUE_2127 -0.4506018761 -4.001835e-01 0.5833061619 -0.3101433

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## FALSE_2128 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_2129 0.0543905645 1.017955e-01 -0.3188628891 -0.3101433
## TRUE_2130 -0.4506018761 -8.100520e-01 0.7747014405 -0.3101433
## FALSE_2131 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2132 2.4875359100 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_2133 1.0184670280 1.626161e+00 -0.3188628891 1.6936451
## TRUE_2134 0.0678930338 -2.723818e-01 0.1964057152 2.6955393
## FALSE_2135 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2136 -0.2669682713 -4.470562e-01 -0.3188628891 1.6936451
## TRUE_2137 -0.4506018761 -6.041572e-01 -0.1760533934 -0.3101433
## FALSE_2138 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2139 0.4308394619 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2140 0.1370256900 3.137244e-01 -0.3188628891 1.6936451
## FALSE_2141 -0.3704708373 -6.981028e-01 -0.3188628891 -0.3101433
## FALSE_2142 -0.4506018761 -6.355305e-01 -0.1696428898 1.6936451
## FALSE_2143 1.1048828316 1.159555e+00 -0.3188628891 4.6993277
## TRUE_2144 -0.4506018761 -8.798767e-01 2.8977288616 -0.3101433
## FALSE_2145 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2146 -0.3224355457 4.329785e-02 -0.3188628891 -0.3101433
## FALSE_2147 0.3888660628 3.727874e-01 -0.3188628891 2.6955393
## FALSE_2148 -0.1513470989 -4.555456e-01 0.8134053059 -0.3101433
## FALSE_2149 -0.3624577423 -8.112214e-01 0.4742928283 -0.3101433
## FALSE_2150 0.4675661917 6.346223e-01 -0.3188628891 1.6936451
## FALSE_2151 0.3158688593 6.071884e-01 -0.3188628891 2.6955393
## FALSE_2152 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_2153 -0.4506018761 -6.273360e-01 -0.3188628891 2.6955393
## FALSE_2154 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2155 0.1789990891 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2156 -0.3926123132 -5.725916e-01 -0.0771267506 -0.3101433
## FALSE_2157 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## TRUE_2158 -0.4506018761 -7.463206e-01 2.6289771193 -0.3101433
## FALSE_2159 -0.3424146256 -4.458760e-01 0.2287265028 -0.3101433
## FALSE_2160 -0.2669682713 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_2161 -0.0833346446 1.839229e-01 -0.3188628891 1.6936451
## FALSE_2162 1.0184670280 1.011874e+00 -0.3188628891 1.6936451
## FALSE_2163 0.5287773786 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2164 -0.0365915460 -3.798611e-01 0.9181104238 -0.3101433
## FALSE_2165 -0.3634537269 -5.844736e-01 -0.1662168937 4.6993277
## FALSE_2166 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2167 -0.4506018761 -4.570718e-01 -0.3188628891 3.6974335
## FALSE_2168 -0.4506018761 -8.449908e-01 -0.3188628891 4.6993277
## TRUE_2169 -0.2123744832 -3.374266e-01 1.0022614132 -0.3101433
## FALSE_2170 -0.3746155508 -6.723615e-01 -0.3188628891 -0.3101433
## TRUE_2171 -0.4506018761 -7.947386e-01 0.6300376523 4.6993277
## FALSE_2172 -0.1567881041 -2.454707e-01 0.8789781197 -0.3101433
## FALSE_2173 -0.3116359061 -6.619495e-02 -0.0408156281 -0.3101433
## FALSE_2174 -0.4506018761 2.560348e-01 -0.3188628891 3.6974335
## TRUE_2175 -0.0069590087 1.069009e-01 -0.0843049271 0.6917509
## FALSE_2176 0.1789990891 -2.796536e-01 -0.3188628891 1.6936451
## FALSE_2177 1.7530014690 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2178 -0.1358014045 -1.251281e-01 1.9971328085 -0.3101433
## FALSE_2179 -0.2186436246 -2.145902e-01 -0.3188628891 2.6955393
## FALSE_2180 -0.1200613743 -2.848045e-01 -0.3188628891 -0.3101433
## FALSE_2181 -0.4506018761 -2.487485e-01 -0.3188628891 -0.3101433

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## FALSE_2182  0.6511997965  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2183 -0.4506018761 -8.233175e-01 -0.3188628891 -0.3101433
## FALSE_2184 -0.4506018761 -8.129181e-01 -0.3188628891 -0.3101433
## FALSE_2185  3.9566048140  3.428959e+00 -0.3188628891  1.6936451
## FALSE_2186 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2187 -0.3375965792 -3.430487e-01  0.8027147969 -0.3101433
## FALSE_2188 -0.4506018761  5.444825e-01 -0.3188628891  0.6917509
## FALSE_2189  1.3857342375  1.025228e+00 -0.3188628891 -0.3101433
## FALSE_2190 -0.4506018761 -3.929723e-01 -0.1594373949 -0.3101433
## FALSE_2191  3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2192  1.7530014690  2.707840e+00 -0.3188628891  2.6955393
## FALSE_2193 -0.3431090251 -5.219948e-01 -0.2876154923 -0.3101433
## FALSE_2194 -0.1680886228 -4.381413e-01 -0.3188628891 -0.3101433
## FALSE_2195  1.2021006327  1.806441e+00 -0.3188628891  4.6993277
## FALSE_2196 -0.3036949791 -3.929723e-01 -0.3188628891 -0.3101433
## FALSE_2197 -0.2465645350 -1.025216e-01  1.1045223932 -0.3101433
## TRUE_2198  -0.2766331875 -5.263522e-01  0.6715037018 -0.3101433
## FALSE_2199 -0.2186436246 -5.578598e-01 -0.0841700969  1.6936451
## FALSE_2200 -0.1668044729 -5.371857e-02 -0.3188628891 -0.3101433
## FALSE_2201 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_2202  -0.4506018761 -8.657059e-01  1.5574108048 -0.3101433
## FALSE_2203 -0.2669682713 -2.307205e-01 -0.3188628891  4.6993277
## FALSE_2204  0.0836049901  2.003223e-02  0.7204015716 -0.3101433
## FALSE_2205 -0.1567881041  6.373641e-02 -0.3188628891  1.6936451
## TRUE_2206  0.6511997965  7.292692e-01  0.3505432169  1.6936451
## FALSE_2207 -0.3036949791  1.478670e-01 -0.3188628891  2.6955393
## FALSE_2208  0.4308394619 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2209 -0.4449516167 -6.988007e-01 -0.3188628891 -0.3101433
## FALSE_2210 -0.3803420548 -5.081812e-01 -0.0575177929 -0.3101433
## FALSE_2211 -0.1766088771 -3.816486e-01 -0.3188628891  2.6955393
## FALSE_2212 -0.4506018761 -5.789451e-01 -0.3188628891 -0.3101433
## TRUE_2213  -0.4506018761 -4.539901e-01  1.4477209579  0.6917509
## TRUE_2214  -0.4506018761 -7.646260e-01  7.3602238173 -0.3101433
## FALSE_2215 -0.3437604984 -5.353515e-01  1.4339775142 -0.3101433
## FALSE_2216 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_2217  0.1678447354 -9.888319e-02 -0.1348793791 -0.3101433
## FALSE_2218  3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2219 -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2220 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2221 -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## TRUE_2222  -0.4506018761 -8.341275e-01  0.3821348108 -0.3101433
## FALSE_2223  2.4416275143  2.752910e+00 -0.3188628891  2.6955393
## FALSE_2224 -0.4506018761 -5.901454e-01 -0.3188628891 -0.3101433
## FALSE_2225 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_2226  -0.4506018761 -6.093080e-01  1.5021565775 -0.3101433
## FALSE_2227  3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2228 -0.3209781486 -5.159867e-01 -0.3188628891 -0.3101433
## FALSE_2229 -0.2561662959 -3.887304e-01  2.4220727285 -0.3101433
## FALSE_2230  0.0215988313 -2.697847e-01 -0.3188628891 -0.3101433
## FALSE_2231  3.9566048140  3.428959e+00 -0.3188628891  2.6955393
## FALSE_2232 -0.3926123132 -3.250624e-01 -0.0907475085 -0.3101433
## TRUE_2233  -0.4506018761 -7.375070e-01  2.0660378157 -0.3101433
## FALSE_2234 -0.0308679066 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_2235 -0.4506018761 -2.343261e-01 -0.3188628891 -0.3101433

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## TRUE_2236 -0.4506018761 -6.739601e-01 1.0700878069 -0.3101433
## FALSE_2237 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2238 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_2239 -0.4051667483 -5.865097e-01 -0.2265193943 -0.3101433
## FALSE_2240 3.1696036131 2.862365e+00 -0.3188628891 2.6955393
## FALSE_2241 0.4781198431 5.469691e-01 -0.3188628891 -0.3101433
## FALSE_2242 0.4308394619 6.887062e-01 -0.3188628891 -0.3101433
## FALSE_2243 -0.4506018761 -3.826706e-01 -0.3188628891 -0.3101433
## FALSE_2244 -0.2968621119 -1.347111e-01 -0.3188628891 2.6955393
## TRUE_2245 -0.2482301506 -5.914156e-01 0.5416728403 -0.3101433
## FALSE_2246 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2247 -0.3606588748 -5.759852e-01 0.8085000963 0.6917509
## FALSE_2248 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_2249 -0.4506018761 -3.038929e-01 -0.3188628891 3.6974335
## FALSE_2250 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2251 -0.4506018761 -5.120408e-01 0.0848627185 -0.3101433
## FALSE_2252 -0.1466565970 7.202514e-02 -0.3188628891 1.6936451
## FALSE_2253 0.1002989602 1.839229e-01 -0.3188628891 2.6955393
## FALSE_2254 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2255 -0.4506018761 -6.545876e-01 1.5704040290 -0.3101433
## TRUE_2256 -0.2465645350 -2.607672e-01 0.0117080274 3.6974335
## FALSE_2257 0.3888660628 7.299131e-01 -0.3188628891 3.6974335
## FALSE_2258 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## TRUE_2259 -0.4506018761 -7.355039e-01 1.3535846561 2.6955393
## FALSE_2260 -0.3346227503 -3.284511e-01 -0.3188628891 -0.3101433
## FALSE_2261 0.1370256900 -3.064380e-01 -0.3188628891 -0.3101433
## FALSE_2262 -0.4506018761 -7.666431e-01 -0.3188628891 -0.3101433
## FALSE_2263 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_2264 -0.2810939197 -5.675729e-01 0.6995364142 -0.3101433
## FALSE_2265 0.1327048866 3.960168e-01 -0.3188628891 3.6974335
## FALSE_2266 0.1002989602 -3.491901e-01 -0.3188628891 -0.3101433
## FALSE_2267 -0.2880409775 -4.847534e-01 0.1860967670 -0.3101433
## FALSE_2268 0.2839325649 -2.755814e-01 -0.3188628891 -0.3101433
## FALSE_2269 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2270 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2271 -0.4506018761 -4.341791e-01 -0.3188628891 4.6993277
## FALSE_2272 -0.0098812071 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_2273 0.1334132128 2.992682e-01 -0.0956264691 0.6917509
## TRUE_2274 -0.4506018761 -8.129181e-01 0.3586016812 -0.3101433
## FALSE_2275 -0.4506018761 -5.869285e-01 -0.3188628891 -0.3101433
## FALSE_2276 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2277 -0.4506018761 -4.245213e-01 -0.3188628891 -0.3101433
## FALSE_2278 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_2279 1.5081566553 1.746348e+00 -0.3188628891 0.6917509
## FALSE_2280 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2281 0.9516911697 1.462270e+00 -0.3188628891 3.6974335
## FALSE_2282 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2283 -0.4506018761 -3.038929e-01 -0.3188628891 0.6917509
## FALSE_2284 -0.4506018761 -7.868142e-01 -0.3188628891 4.6993277
## FALSE_2285 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_2286 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_2287 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2288 3.9566048140 3.428959e+00 -0.3188628891 4.6993277
## FALSE_2289 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433

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## TRUE_2290    -0.4506018761 -3.440140e-01  0.1107213014  1.6936451
## FALSE_2291  -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_2292  -0.4506018761 -7.096376e-01 -0.3188628891 -0.3101433
## FALSE_2293  -0.3547930369 -3.302663e-01 -0.0913674479 -0.3101433
## FALSE_2294   1.7530014690  2.347280e+00 -0.3188628891  1.6936451
## TRUE_2295   -0.0374262489  1.433600e-01  0.8945654006  1.6936451
## FALSE_2296  -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2297  -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_2298   3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2299  -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_2300  -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2301  -0.2502743013 -3.077492e-01 -0.3188628891  1.6936451
## FALSE_2302  -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_2303  -0.1913544211 -5.796149e-01 -0.3188628891 -0.3101433
## FALSE_2304  -0.4506018761 -5.371961e-01 -0.3188628891  2.6955393
## FALSE_2305  -0.0098812071  3.281467e-01 -0.3188628891  2.6955393
## FALSE_2306   1.7530014690  2.467467e+00 -0.3188628891  1.6936451
## FALSE_2307   3.9566048140  3.428959e+00 -0.3188628891  2.6955393
## FALSE_2308  -0.4506018761 -4.073947e-01 -0.3188628891  1.6936451
## FALSE_2309  -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2310   0.0390877513  1.438608e-01 -0.3188628891 -0.3101433
## FALSE_2311   3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2312  -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2313   1.3122808000  1.265601e+00 -0.3188628891 -0.3101433
## TRUE_2314   -0.2669682713 -3.569164e-01  1.4398588394 -0.3101433
## TRUE_2315   -0.2123744832 -4.388617e-01  0.9468612027  0.6917509
## FALSE_2316  -0.0268320071 -6.178808e-01 -0.3188628891 -0.3101433
## FALSE_2317  -0.4506018761 -4.921262e-01 -0.3188628891 -0.3101433
## FALSE_2318   3.9566048140  3.428959e+00 -0.3188628891  1.6936451
## FALSE_2319  -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2320  -0.4506018761 -1.766366e-01 -0.3188628891  0.6917509
## FALSE_2321  -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2322  -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_2323  -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2324  -0.3624577423 -6.790162e-01 -0.3188628891 -0.3101433
## FALSE_2325  -0.3281794582 -5.257498e-01 -0.3188628891 -0.3101433
## FALSE_2326  -0.4506018761 -6.711182e-01  0.7418247660  1.6936451
## FALSE_2327   0.0782629267  2.946662e-01 -0.3188628891 -0.3101433
## FALSE_2328  -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_2329  -0.1358014045 -4.513486e-01 -0.3188628891  1.6936451
## FALSE_2330  -0.4506018761 -6.814199e-01 -0.3188628891  1.6936451
## FALSE_2331  -0.1692908206 -3.914380e-01 -0.3188628891 -0.3101433
## FALSE_2332   3.0751634760  2.852063e+00 -0.3188628891  1.6936451
## FALSE_2333   0.1615101691 -3.609226e-01 -0.3188628891  2.6955393
## FALSE_2334  -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_2335   3.9566048140  3.428959e+00 -0.3188628891  4.6993277
## FALSE_2336   1.0184670280  7.848555e-01 -0.3188628891 -0.3101433
## FALSE_2337   0.0782629267  2.848796e-01 -0.3188628891  3.6974335
## FALSE_2338  -0.3404217088 -4.590749e-01 -0.3188628891  3.6974335
## TRUE_2339   -0.3281794582 -4.525193e-01  0.0147132176  2.6955393
## FALSE_2340  -0.4506018761 -1.296071e-01 -0.3188628891  3.6974335
## FALSE_2341   0.1002989602  3.643173e-03 -0.3188628891  0.6917509
## FALSE_2342  -0.3149955198 -4.001043e-01 -0.1718781371 -0.3101433
## FALSE_2343  -0.4195652027 -8.208835e-01 -0.3188628891 -0.3101433

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## FALSE_2344 -0.4301981398 -6.889468e-01 -0.2004421215 -0.3101433
## FALSE_2345 -0.1200613743 -1.405806e-01 -0.3188628891 -0.3101433
## FALSE_2346 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_2347 -0.4506018761 5.444825e-01 3.2194523813 -0.3101433
## FALSE_2348 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_2349 -0.4506018761 -3.785499e-01 -0.3188628891 -0.3101433
## TRUE_2350 -0.2669682713 -5.371961e-01 -0.0242445759 -0.3101433
## FALSE_2351 -0.4276476672 -4.740982e-01 -0.3188628891 -0.3101433
## FALSE_2352 -0.4506018761 -5.732521e-01 0.0923340614 -0.3101433
## FALSE_2353 0.0678930338 2.263417e-01 -0.3188628891 4.6993277
## FALSE_2354 -0.1279313894 -1.476873e-01 0.4136794866 4.6993277
## FALSE_2355 -0.2810939197 -3.904929e-01 -0.3188628891 -0.3101433
## FALSE_2356 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2357 0.0215988313 2.939742e-02 -0.3188628891 1.6936451
## FALSE_2358 0.0559736111 5.196163e-01 -0.3188628891 0.6917509
## FALSE_2359 0.5287773786 5.444825e-01 -0.3188628891 2.6955393
## FALSE_2360 -0.4506018761 -4.650842e-01 -0.3188628891 4.6993277
## FALSE_2361 0.6397736944 3.650039e-01 -0.3188628891 4.6993277
## FALSE_2362 0.0483271736 -1.124939e-01 -0.3188628891 4.6993277
## FALSE_2363 -0.3283536090 -7.666319e-01 -0.3188628891 2.6955393
## FALSE_2364 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_2365 -0.2502743013 -2.094147e-01 -0.3188628891 -0.3101433
## FALSE_2366 -0.2387169306 -4.749948e-01 0.1626464728 3.6974335
## TRUE_2367 -0.4506018761 -5.044180e-01 4.3133123486 -0.3101433
## FALSE_2368 -0.4506018761 6.373641e-02 -0.3188628891 3.6974335
## FALSE_2369 -0.4506018761 -6.579737e-01 -0.0535607589 3.6974335
## FALSE_2370 0.1280754685 1.885294e-01 -0.1805719144 -0.3101433
## FALSE_2371 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2372 0.0152004486 2.103053e-01 -0.3188628891 0.6917509
## FALSE_2373 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## TRUE_2374 -0.2186436246 1.649461e-01 0.8784498159 -0.3101433
## FALSE_2375 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2376 -0.3800865690 -4.826180e-01 -0.3188628891 -0.3101433
## FALSE_2377 -0.2302415416 7.575507e-02 -0.3188628891 3.6974335
## FALSE_2378 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2379 0.0390877513 6.373641e-02 -0.3188628891 0.6917509
## FALSE_2380 0.2839325649 1.839229e-01 -0.3188628891 1.6936451
## FALSE_2381 -0.4506018761 -6.273360e-01 1.4854752130 -0.3101433
## FALSE_2382 0.2839325649 6.887062e-01 -0.3188628891 -0.3101433
## FALSE_2383 -0.3246816786 -5.492148e-01 -0.1811408381 -0.3101433
## FALSE_2384 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2385 1.4591876970 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_2386 -0.0098812071 1.265601e+00 -0.3188628891 3.6974335
## FALSE_2387 -0.4506018761 7.247622e-01 -0.3188628891 3.6974335
## FALSE_2388 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2389 0.3271404888 6.293200e-01 -0.3188628891 -0.3101433
## FALSE_2390 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_2391 -0.4506018761 -4.921262e-01 -0.3188628891 -0.3101433
## FALSE_2392 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2393 1.0184670280 1.986721e+00 -0.3188628891 2.6955393
## FALSE_2394 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_2395 -0.3918391129 -2.920156e-01 0.6764145572 -0.3101433
## FALSE_2396 -0.3893906671 -1.294205e-01 0.0195227315 1.6936451
## FALSE_2397 0.1615101691 -5.645009e-02 -0.3188628891 1.6936451

```

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## FALSE_2398 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_2399 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2400 -0.4506018761 -6.700338e-01 -0.3188628891 2.6955393
## FALSE_2401 -0.4506018761 -3.394699e-01 -0.3188628891 -0.3101433
## FALSE_2402 1.3122808000 1.986721e+00 -0.3188628891 4.6993277
## FALSE_2403 -0.4506018761 -8.415645e-01 -0.3188628891 -0.3101433
## FALSE_2404 1.0184670280 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_2405 2.1937221380 2.130944e+00 -0.3188628891 -0.3101433
## FALSE_2406 -0.4506018761 -6.408018e-01 -0.0084517811 -0.3101433
## FALSE_2407 -0.4506018761 -4.032740e-01 -0.3188628891 2.6955393
## FALSE_2408 -0.0833346446 -2.783426e-02 -0.3188628891 4.6993277
## FALSE_2409 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2410 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_2411 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_2412 -0.3102449696 -6.099141e-01 -0.2913348313 2.6955393
## FALSE_2413 0.6511997965 7.247622e-01 -0.3188628891 2.6955393
## FALSE_2414 0.2839325649 3.643173e-03 -0.3188628891 -0.3101433
## FALSE_2415 -0.4506018761 -1.489012e-01 -0.3188628891 0.6917509
## FALSE_2416 -0.3547930369 -5.409286e-01 -0.3188628891 -0.3101433
## FALSE_2417 0.0390877513 1.025228e+00 -0.3188628891 1.6936451
## FALSE_2418 0.2274299275 -6.569521e-02 -0.3188628891 -0.3101433
## FALSE_2419 -0.3268039249 -5.678697e-01 1.9796522393 -0.3101433
## FALSE_2420 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## TRUE_2421 -0.4506018761 -5.649315e-01 3.5143656078 -0.3101433
## FALSE_2422 0.4308394619 8.329301e-01 -0.3188628891 2.6955393
## FALSE_2423 -0.4506018761 -5.301263e-01 2.5760053418 -0.3101433
## FALSE_2424 -0.4506018761 -8.244215e-01 -0.3188628891 2.6955393
## FALSE_2425 0.3507084232 6.755950e-01 -0.3188628891 2.6955393
## FALSE_2426 -0.4506018761 -8.359454e-01 -0.3188628891 2.6955393
## FALSE_2427 -0.0466079368 -3.590625e-01 -0.3188628891 -0.3101433
## TRUE_2428 -0.0374262489 -4.392519e-01 0.2265791232 -0.3101433
## FALSE_2429 0.6511997965 6.165944e-01 -0.3188628891 2.6955393
## FALSE_2430 -0.4506018761 -4.357887e-01 -0.3188628891 1.6936451
## FALSE_2431 -0.4506018761 -7.197579e-01 1.9291903862 -0.3101433
## FALSE_2432 0.6511997965 1.698273e+00 -0.3188628891 2.6955393
## FALSE_2433 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_2434 1.7530014690 2.347280e+00 -0.3188628891 2.6955393
## FALSE_2435 -0.2873720076 -2.640346e-02 -0.3188628891 -0.3101433
## FALSE_2436 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_2437 -0.4506018761 -5.044180e-01 2.3420830956 -0.3101433
## FALSE_2438 -0.4506018761 -6.402131e-01 -0.3188628891 -0.3101433
## FALSE_2439 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_2440 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2441 -0.3886255320 -6.203861e-01 0.1406191118 -0.3101433
## FALSE_2442 -0.1265425684 2.581558e-01 -0.3188628891 2.6955393
## FALSE_2443 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2444 -0.4506018761 -4.032740e-01 -0.3188628891 -0.3101433
## FALSE_2445 0.1242511810 8.045801e-02 -0.3188628891 -0.3101433
## FALSE_2446 0.1503808484 2.232567e-01 -0.3188628891 -0.3101433
## FALSE_2447 2.1937221380 2.563616e+00 -0.3188628891 1.6936451
## FALSE_2448 -0.4506018761 -3.733054e-01 -0.3188628891 0.6917509
## FALSE_2449 -0.0833346446 -1.265589e-01 -0.3188628891 1.6936451
## FALSE_2450 -0.1751514579 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2451 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433

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## TRUE_2452    -0.4506018761 -7.625458e-01  1.2250882823 -0.3101433
## FALSE_2453    0.4308394619  8.329301e-01 -0.3188628891 -0.3101433
## FALSE_2454    0.4772311078  2.408534e-01 -0.3188628891  1.6936451
## FALSE_2455   -0.4506018761 -7.625458e-01 -0.3188628891  4.6993277
## FALSE_2456   -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_2457   -0.1358014045  5.856893e-01 -0.3188628891 -0.3101433
## FALSE_2458   -0.2950533943 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_2459    0.2200600202  3.877174e-01 -0.3188628891  0.6917509
## FALSE_2460   -0.1339922021 -5.386056e-01 -0.3188628891  2.6955393
## FALSE_2461    0.1789990891  3.384484e-01 -0.3188628891  2.6955393
## FALSE_2462   -0.4506018761 -5.277077e-01 -0.3188628891 -0.3101433
## FALSE_2463    0.7386443743  3.212789e-01 -0.3188628891 -0.3101433
## FALSE_2464   -0.4506018761 -4.380422e-01 -0.3188628891 -0.3101433
## FALSE_2465   -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2466    0.3655475102  4.370534e-02 -0.3188628891  3.6974335
## FALSE_2467   -0.2630611724 -5.739462e-01 -0.1547428230 -0.3101433
## FALSE_2468    3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2469   -0.2502743013 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_2470   -0.4506018761 -1.251281e-01 -0.3188628891  4.6993277
## FALSE_2471    0.0740655912 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2472    0.7246532339  1.179067e+00 -0.3188628891 -0.3101433
## FALSE_2473    3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2474   -0.4506018761  1.839229e-01 -0.3188628891  0.6917509
## FALSE_2475    3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2476    2.0920173597  1.820308e+00 -0.3188628891  2.6955393
## FALSE_2477   -0.3056279799 -5.258100e-01 -0.3188628891  3.6974335
## FALSE_2478    0.5287773786  1.505975e+00 -0.3188628891 -0.3101433
## FALSE_2479   -0.3003561894 -3.159437e-01 -0.3188628891  3.6974335
## FALSE_2480   -0.4134102521 -6.646190e-01  0.0646717861  3.6974335
## FALSE_2481   -0.4506018761  3.173871e-02 -0.3188628891  3.6974335
## FALSE_2482    1.0184670280  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2483    3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## TRUE_2484   -0.3481086926 -4.856876e-01  0.0958871527 -0.3101433
## FALSE_2485   -0.4506018761 -3.352828e-01 -0.3188628891 -0.3101433
## FALSE_2486   -0.4506018761 -3.153133e-01 -0.3188628891  2.6955393
## FALSE_2487   -0.1026644988  2.218766e-01 -0.3188628891 -0.3101433
## FALSE_2488    3.9566048140  3.428959e+00 -0.3188628891  1.6936451
## FALSE_2489    0.2452728564  3.148630e-01 -0.3188628891  4.6993277
## FALSE_2490   -0.2313378563 -3.670584e-01 -0.3188628891  1.6936451
## FALSE_2491    2.6974029057  2.501806e+00 -0.3188628891  2.6955393
## FALSE_2492   -0.4238915372 -7.619605e-01 -0.0773352936 -0.3101433
## FALSE_2493   -0.2011373402 -4.419540e-01 -0.3188628891 -0.3101433
## TRUE_2494   -0.4506018761 -6.432430e-01  0.4899973517 -0.3101433
## FALSE_2495    3.9566048140  3.428959e+00 -0.3188628891  0.6917509
## FALSE_2496   -0.2831280218 -3.367250e-01 -0.3188628891  3.6974335
## FALSE_2497    0.1789990891 -2.873799e-01  1.3529264634 -0.3101433
## FALSE_2498   -0.0833346446 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_2499    1.6060945720  1.842497e+00 -0.3188628891 -0.3101433
## FALSE_2500   -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_2501   -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2502    0.0133146269 -3.398372e-01 -0.3188628891  0.6917509
## FALSE_2503   -0.2186436246 -8.446348e-02 -0.3188628891  1.6936451
## FALSE_2504    3.9566048140  3.428959e+00 -0.3188628891  3.6974335
## FALSE_2505   -0.3504380776 -2.258038e-01 -0.3188628891  0.6917509

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## FALSE_2506 0.8086000322 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2507 -0.0185227918 3.545724e-02 -0.3188628891 -0.3101433
## TRUE_2508 -0.3817392715 -6.273360e-01 0.9441365160 -0.3101433
## FALSE_2509 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2510 -0.3246816786 -6.505148e-01 -0.3188628891 -0.3101433
## FALSE_2511 -0.4506018761 -5.371961e-01 -0.3188628891 3.6974335
## TRUE_2512 -0.4506018761 -4.388617e-01 1.2776462065 -0.3101433
## FALSE_2513 -0.3587850627 -4.370407e-01 -0.3188628891 -0.3101433
## FALSE_2514 0.2742676488 6.328459e-02 -0.3188628891 1.6936451
## FALSE_2515 -0.2890129429 -2.928113e-01 -0.3188628891 -0.3101433
## FALSE_2516 -0.3246816786 -3.837008e-01 -0.3188628891 -0.3101433
## FALSE_2517 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2518 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## FALSE_2519 -0.4131514830 -6.291776e-01 -0.2827693931 3.6974335
## FALSE_2520 0.8715601310 1.409825e+00 -0.3188628891 3.6974335
## FALSE_2521 -0.2810939197 -3.985194e-01 -0.3188628891 -0.3101433
## FALSE_2522 0.9660002680 8.149021e-01 -0.3188628891 2.6955393
## FALSE_2523 -0.4181959497 -6.535447e-01 -0.1969511891 -0.3101433
## FALSE_2524 2.8548031415 2.617700e+00 -0.3188628891 -0.3101433
## FALSE_2525 0.1002989602 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2526 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_2527 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2528 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2529 0.1370256900 -3.241279e-02 2.7688249713 -0.3101433
## FALSE_2530 -0.4506018761 -8.502093e-01 -0.3188628891 -0.3101433
## FALSE_2531 2.4875359100 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_2532 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2533 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## TRUE_2534 -0.4506018761 -7.432301e-01 1.5229276608 -0.3101433
## FALSE_2535 -0.4506018761 -5.146612e-01 0.6661808001 -0.3101433
## FALSE_2536 -0.1501105028 -1.857416e-01 0.0015769863 1.6936451
## FALSE_2537 -0.2986292255 -2.743955e-02 -0.3188628891 -0.3101433
## TRUE_2538 -0.4506018761 -4.170096e-01 1.2530543974 -0.3101433
## FALSE_2539 -0.0908298928 -3.527116e-01 0.4935993034 0.6917509
## FALSE_2540 -0.3281794582 -2.166988e-01 -0.3188628891 3.6974335
## FALSE_2541 -0.1115859853 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_2542 -0.2123744832 -4.689821e-01 0.4495867805 -0.3101433
## FALSE_2543 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_2544 -0.4506018761 -6.273360e-01 7.5225446737 -0.3101433
## FALSE_2545 -0.4498636690 -5.754970e-01 -0.1647597532 -0.3101433
## FALSE_2546 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2547 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2548 1.7530014690 2.347280e+00 -0.3188628891 2.6955393
## FALSE_2549 -0.3404217088 -1.525993e-01 -0.3188628891 3.6974335
## FALSE_2550 0.0290059134 7.111276e-01 -0.3188628891 -0.3101433
## FALSE_2551 1.7530014690 1.505975e+00 -0.3188628891 -0.3101433
## FALSE_2552 0.2023176417 7.848555e-01 -0.3188628891 -0.3101433
## TRUE_2553 -0.4506018761 -8.376624e-01 1.8247690076 -0.3101433
## FALSE_2554 -0.0251198073 1.293478e-01 -0.1787280103 -0.3101433
## FALSE_2555 -0.2669682713 1.538763e-01 -0.3188628891 -0.3101433
## FALSE_2556 -0.4506018761 -5.941266e-01 -0.3188628891 -0.3101433
## TRUE_2557 -0.4506018761 -6.306745e-01 2.5943991891 -0.3101433
## FALSE_2558 -0.2766331875 -4.271306e-01 -0.3188628891 4.6993277
## TRUE_2559 -0.4506018761 -7.096376e-01 5.1167725432 -0.3101433

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## FALSE_2560 -0.2057570624 -5.645009e-02 -0.3188628891 0.6917509
## FALSE_2561 0.0185125526 1.368679e-05 -0.3188628891 2.6955393
## FALSE_2562 -0.0499467264 -4.060836e-01 -0.3188628891 2.6955393
## FALSE_2563 -0.3456683782 -6.161758e-01 -0.3188628891 -0.3101433
## FALSE_2564 -0.2538515869 2.225543e-01 -0.3188628891 -0.3101433
## FALSE_2565 -0.0833346446 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2566 0.6511997965 1.839229e-01 -0.3188628891 2.6955393
## FALSE_2567 0.0053160536 -4.476779e-01 -0.3188628891 4.6993277
## FALSE_2568 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_2569 -0.4506018761 -4.170096e-01 1.4611261046 -0.3101433
## FALSE_2570 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2571 -0.2810939197 -6.065345e-01 -0.3188628891 -0.3101433
## FALSE_2572 -0.4506018761 -8.269314e-01 -0.3188628891 -0.3101433
## FALSE_2573 -0.2206606488 -4.747430e-01 0.7959712757 -0.3101433
## FALSE_2574 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2575 -0.4506018761 -5.887046e-01 -0.3188628891 2.6955393
## FALSE_2576 0.0618640192 -1.934068e-01 -0.3188628891 2.6955393
## TRUE_2577 -0.3561617390 -7.370491e-01 0.1911608107 -0.3101433
## FALSE_2578 -0.4506018761 -6.573826e-01 -0.3188628891 3.6974335
## FALSE_2579 -0.3036949791 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2580 -0.3566497931 -6.611022e-01 1.4685033000 -0.3101433
## FALSE_2581 -0.0980253409 -1.510593e-02 -0.3188628891 3.6974335
## FALSE_2582 0.0390877513 -9.651226e-02 -0.3188628891 -0.3101433
## FALSE_2583 0.3757493783 -2.217065e-01 -0.3188628891 -0.3101433
## FALSE_2584 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_2585 -0.0425271719 8.154183e-02 -0.3188628891 0.6917509
## FALSE_2586 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_2587 -0.2817958334 -6.326601e-01 0.7071216113 3.6974335
## FALSE_2588 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2589 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2590 0.1975167613 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2591 -0.3680312501 -7.149276e-01 0.0892128935 -0.3101433
## FALSE_2592 0.2839325649 2.707840e+00 -0.3188628891 2.6955393
## FALSE_2593 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2594 0.6511997965 7.247622e-01 -0.3188628891 4.6993277
## FALSE_2595 2.0678019405 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_2596 -0.2407348803 -4.941591e-03 -0.3188628891 3.6974335
## FALSE_2597 -0.2669682713 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2598 0.2023176417 5.444825e-01 -0.3188628891 4.6993277
## FALSE_2599 -0.3824387173 -1.017765e-01 -0.3188628891 3.6974335
## FALSE_2600 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_2601 0.0782629267 2.041143e-01 -0.3188628891 -0.3101433
## FALSE_2602 -0.2873720076 -4.825659e-01 -0.3188628891 -0.3101433
## FALSE_2603 -0.2087429670 -2.610603e-01 -0.3188628891 2.6955393
## FALSE_2604 -0.0833346446 -4.999771e-01 -0.2088970117 -0.3101433
## FALSE_2605 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2606 -0.4506018761 -3.077492e-01 -0.3188628891 2.6955393
## FALSE_2607 -0.4506018761 -2.453146e-01 0.0027074290 4.6993277
## FALSE_2608 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_2609 -0.4506018761 8.558850e-02 -0.3188628891 -0.3101433
## FALSE_2610 -0.3940992166 8.911743e-01 -0.3188628891 2.6955393
## FALSE_2611 1.7530014690 1.986721e+00 -0.3188628891 4.6993277
## FALSE_2612 -0.4506018761 -6.906257e-01 -0.3188628891 -0.3101433
## TRUE_2613 -0.4506018761 -6.644524e-01 11.2100679023 -0.3101433

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## FALSE_2614 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_2615 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## TRUE_2616 -0.1913544211 -5.296213e-01 -0.0389255771 -0.3101433
## FALSE_2617 -0.1459061158 -2.050317e-01 0.4857012462 -0.3101433
## FALSE_2618 -0.3940992166 -5.538373e-01 -0.3188628891 -0.3101433
## FALSE_2619 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2620 -0.4506018761 -5.540222e-01 -0.0920364270 -0.3101433
## FALSE_2621 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2622 -0.4097944035 -7.212033e-01 0.3139853181 -0.3101433
## TRUE_2623 -0.4506018761 -4.817254e-01 -0.0663367364 4.6993277
## FALSE_2624 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2625 -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_2626 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_2627 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_2628 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2629 -0.3624577423 -5.516185e-01 -0.3188628891 -0.3101433
## FALSE_2630 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2631 0.1002989602 -2.211110e-02 -0.3188628891 -0.3101433
## FALSE_2632 -0.4506018761 -3.689350e-01 -0.3188628891 -0.3101433
## FALSE_2633 1.4655749515 1.108836e+00 -0.3188628891 2.6955393
## FALSE_2634 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2635 2.8548031415 2.888119e+00 -0.3188628891 1.6936451
## FALSE_2636 -0.4506018761 9.050420e-01 -0.3188628891 -0.3101433
## FALSE_2637 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2638 -0.3314881907 -2.740851e-01 0.2132127428 2.6955393
## FALSE_2639 2.4875359100 2.707840e+00 -0.3188628891 -0.3101433
## FALSE_2640 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_2641 -0.1115859853 -5.649315e-01 2.0563476132 -0.3101433
## FALSE_2642 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2643 0.0974738305 7.954873e-01 -0.3188628891 -0.3101433
## FALSE_2644 -0.4506018761 -2.829068e-01 -0.3188628891 -0.3101433
## FALSE_2645 0.0390877513 6.373641e-02 -0.3188628891 0.6917509
## FALSE_2646 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2647 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_2648 -0.4506018761 -4.060836e-01 -0.3188628891 2.6955393
## FALSE_2649 -0.4506018761 -3.569164e-01 -0.3188628891 0.6917509
## FALSE_2650 -0.1466565970 -3.175449e-01 -0.3188628891 3.6974335
## FALSE_2651 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2652 -0.1255703827 -4.558015e-01 -0.3188628891 -0.3101433
## FALSE_2653 -0.0499467264 2.003223e-02 -0.3188628891 -0.3101433
## FALSE_2654 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2655 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## FALSE_2656 2.1937221380 2.563616e+00 -0.3188628891 2.6955393
## FALSE_2657 -0.3556189695 -5.197898e-01 -0.1526926912 2.6955393
## FALSE_2658 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2659 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_2660 -0.1567881041 -4.650842e-01 -0.3188628891 4.6993277
## FALSE_2661 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_2662 -0.4506018761 -8.016064e-01 1.4046171555 2.6955393
## FALSE_2663 0.3068867738 6.623577e-01 -0.3188628891 3.6974335
## FALSE_2664 -0.4506018761 -5.371961e-01 -0.0514442887 -0.3101433
## FALSE_2665 -0.2873720076 -5.505502e-01 -0.3188628891 -0.3101433
## FALSE_2666 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_2667 0.1709272680 -6.351987e-02 -0.3188628891 0.6917509

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## FALSE_2668 0.4308394619 1.121378e+00 -0.3188628891 2.6955393
## FALSE_2669 0.1002989602 5.058511e-01 -0.3188628891 -0.3101433
## FALSE_2670 -0.3404217088 -3.406912e-01 -0.3188628891 1.6936451
## TRUE_2671 -0.2302415416 -2.487485e-01 0.7228832300 -0.3101433
## FALSE_2672 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2673 0.1503808484 6.100387e-01 -0.3188628891 -0.3101433
## FALSE_2674 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## TRUE_2675 -0.4506018761 -2.968231e-01 0.7318503792 -0.3101433
## FALSE_2676 -0.4506018761 -3.755660e-01 -0.3188628891 3.6974335
## FALSE_2677 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2678 0.8086000322 6.904232e-01 -0.3188628891 -0.3101433
## FALSE_2679 -0.2669682713 -7.119759e-01 -0.2069147540 -0.3101433
## FALSE_2680 -0.0523927261 5.305317e-02 -0.1087170012 -0.3101433
## FALSE_2681 0.0678930338 2.475511e-01 -0.3188628891 3.6974335
## FALSE_2682 0.1789990891 3.384484e-01 -0.3188628891 3.6974335
## FALSE_2683 -0.4506018761 -4.650842e-01 -0.3188628891 2.6955393
## FALSE_2684 -0.2986292255 -4.501645e-01 -0.3188628891 -0.3101433
## FALSE_2685 -0.4506018761 -5.497373e-01 0.1030748390 -0.3101433
## FALSE_2686 -0.3106905603 -1.324864e-01 -0.3188628891 -0.3101433
## FALSE_2687 1.2890849660 1.132764e+00 -0.3188628891 -0.3101433
## FALSE_2688 1.7530014690 2.347280e+00 -0.3188628891 3.6974335
## FALSE_2689 -0.4506018761 -7.248342e-01 -0.3188628891 -0.3101433
## FALSE_2690 0.7736222143 1.265601e+00 -0.3188628891 3.6974335
## FALSE_2691 -0.4506018761 -5.887046e-01 -0.3188628891 3.6974335
## FALSE_2692 -0.2502743013 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_2693 -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
## TRUE_2694 -0.4506018761 -6.402131e-01 0.3545503981 -0.3101433
## FALSE_2695 0.4308394619 8.329301e-01 -0.3188628891 1.6936451
## FALSE_2696 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2697 -0.4506018761 -4.995257e-01 -0.3188628891 3.6974335
## FALSE_2698 0.4879699280 3.962524e-01 1.4742393172 -0.3101433
## TRUE_2699 -0.4296151765 -4.456695e-01 0.1651873487 -0.3101433
## FALSE_2700 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2701 2.2426910963 2.227094e+00 -0.3188628891 4.6993277
## FALSE_2702 -0.2123744832 -2.574616e-01 -0.3188628891 -0.3101433
## FALSE_2703 -0.4506018761 -8.720014e-01 -0.3188628891 -0.3101433
## FALSE_2704 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2705 0.6511997965 6.796923e-01 -0.3188628891 -0.3101433
## FALSE_2706 0.0375505162 3.254284e-02 -0.3188628891 -0.3101433
## FALSE_2707 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## TRUE_2708 -0.4506018761 -6.917216e-01 3.5388165953 -0.3101433
## FALSE_2709 2.1937221380 2.563616e+00 -0.3188628891 -0.3101433
## FALSE_2710 0.0947343108 -4.968908e-02 0.3285890125 -0.3101433
## FALSE_2711 -0.2589841977 -6.720140e-01 -0.3188628891 2.6955393
## FALSE_2712 0.0328417257 -2.104851e-01 0.1638219716 1.6936451
## FALSE_2713 0.2274299275 3.780704e-01 -0.3188628891 0.6917509
## FALSE_2714 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_2715 0.1002989602 9.951818e-01 -0.3188628891 2.6955393
## FALSE_2716 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_2717 -0.3209781486 -3.251023e-01 -0.3188628891 1.6936451
## TRUE_2718 0.0157420943 -5.074342e-01 0.3998128983 -0.3101433
## FALSE_2719 -0.2186436246 -1.690459e-01 -0.3188628891 -0.3101433
## TRUE_2720 -0.0098812071 -4.820873e-02 0.4835327278 -0.3101433
## FALSE_2721 3.9566048140 3.428959e+00 -0.3188628891 4.6993277

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## TRUE_2722 -0.4506018761 -7.535318e-01 1.3652439164 -0.3101433
## FALSE_2723 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2724 -0.1358014045 -4.341791e-01 -0.3188628891 -0.3101433
## FALSE_2725 -0.2057570624 -1.766366e-01 -0.3188628891 3.6974335
## FALSE_2726 -0.0206304944 8.040239e-03 -0.3188628891 4.6993277
## FALSE_2727 -0.0854333123 -2.285572e-01 -0.3188628891 -0.3101433
## FALSE_2728 0.0133146269 3.167606e-01 -0.3188628891 -0.3101433
## FALSE_2729 -0.4506018761 -7.300171e-01 0.0749975715 -0.3101433
## FALSE_2730 -0.4506018761 -3.985194e-01 -0.3188628891 -0.3101433
## FALSE_2731 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## TRUE_2732 -0.4506018761 -8.053045e-01 2.2512405723 -0.3101433
## FALSE_2733 -0.4506018761 -6.569521e-02 -0.3188628891 2.6955393
## FALSE_2734 -0.4506018761 3.384484e-01 -0.3188628891 3.6974335
## TRUE_2735 -0.4506018761 -6.498710e-01 1.3041987553 -0.3101433
## FALSE_2736 -0.4506018761 -5.243190e-01 -0.0644757616 -0.3101433
## TRUE_2737 -0.0833346446 -4.650842e-01 1.5306451952 3.6974335
## TRUE_2738 -0.0833346446 -1.045247e-01 0.2411773279 -0.3101433
## FALSE_2739 -0.1707792224 -5.474978e-01 -0.3188628891 -0.3101433
## FALSE_2740 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2741 0.7513635949 4.789262e-01 -0.3188628891 1.6936451
## TRUE_2742 -0.4506018761 -5.346747e-01 2.6429485820 -0.3101433
## FALSE_2743 0.0502170720 4.461584e-02 -0.3188628891 -0.3101433
## FALSE_2744 -0.4506018761 -1.405806e-01 0.7746753546 -0.3101433
## FALSE_2745 0.3844478161 2.428277e-01 -0.3188628891 0.6917509
## FALSE_2746 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_2747 -0.4506018761 -1.766366e-01 3.1551076774 -0.3101433
## FALSE_2748 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_2749 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2750 2.6344428070 2.563616e+00 -0.3188628891 3.6974335
## FALSE_2751 2.1937221380 1.909458e+00 -0.3188628891 3.6974335
## FALSE_2752 0.1789990891 6.474994e-01 -0.3188628891 1.6936451
## FALSE_2753 1.7530014690 1.698273e+00 -0.3188628891 -0.3101433
## TRUE_2754 -0.4506018761 -7.535318e-01 1.2816043806 -0.3101433
## FALSE_2755 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2756 -0.4506018761 -4.341791e-01 -0.3188628891 -0.3101433
## FALSE_2757 -0.0098812071 -2.039413e-02 -0.3188628891 1.6936451
## FALSE_2758 -0.3456683782 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_2759 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_2760 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2761 -0.4506018761 -1.766366e-01 -0.3188628891 2.6955393
## FALSE_2762 1.0184670280 1.265601e+00 -0.3188628891 3.6974335
## TRUE_2763 -0.4506018761 -7.971344e-01 1.2110147486 2.6955393
## FALSE_2764 -0.1026644988 1.080157e-01 -0.3188628891 1.6936451
## FALSE_2765 1.9978462826 2.948213e+00 -0.3188628891 -0.3101433
## TRUE_2766 -0.1257116337 -5.205549e-01 0.6996931509 1.6936451
## FALSE_2767 1.0184670280 1.986721e+00 -0.3188628891 3.6974335
## FALSE_2768 1.7530014690 1.409825e+00 -0.3188628891 1.6936451
## FALSE_2769 -0.4086284769 2.107073e-01 -0.3188628891 -0.3101433
## TRUE_2770 -0.1993137703 -3.505907e-01 0.3844965327 -0.3101433
## FALSE_2771 -0.4506018761 2.003223e-02 -0.3188628891 2.6955393
## FALSE_2772 -0.1115859853 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_2773 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2774 -0.3327789073 -4.224315e-01 -0.3188628891 -0.3101433
## FALSE_2775 -0.4506018761 -4.341791e-01 -0.3188628891 -0.3101433

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## FALSE_2776 -0.4073939743 -5.066950e-01 -0.3188628891 -0.3101433
## FALSE_2777 -0.4125540420 -6.461034e-01 -0.2780535337 -0.3101433
## FALSE_2778 -0.3250801562 -5.454623e-01 -0.3188628891 1.6936451
## FALSE_2779 -0.0499467264 2.822574e-01 -0.3188628891 2.6955393
## FALSE_2780 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2781 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_2782 -0.4506018761 -8.683222e-01 2.5352974680 -0.3101433
## FALSE_2783 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2784 -0.4506018761 -6.664755e-01 -0.3188628891 3.6974335
## FALSE_2785 1.7530014690 1.716301e+00 -0.3188628891 -0.3101433
## FALSE_2786 0.5664458183 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2787 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_2788 0.7246532339 7.968741e-01 -0.3188628891 3.6974335
## FALSE_2789 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_2790 -0.4506018761 -5.485822e-01 1.5178228196 -0.3101433
## FALSE_2791 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_2792 -0.0640047903 -2.525439e-01 -0.3188628891 -0.3101433
## FALSE_2793 0.3757493783 8.599720e-01 -0.3188628891 -0.3101433
## FALSE_2794 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## TRUE_2795 -0.4261173969 1.206247e-01 0.2520921812 -0.3101433
## FALSE_2796 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2797 -0.3606588748 -6.524771e-01 -0.0636323621 -0.3101433
## FALSE_2798 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2799 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2800 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2801 -0.4506018761 3.643173e-03 -0.3188628891 -0.3101433
## FALSE_2802 -0.4042102302 -1.070549e-01 -0.3188628891 0.6917509
## FALSE_2803 -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
## FALSE_2804 -0.1466565970 -4.212815e-01 -0.3188628891 -0.3101433
## FALSE_2805 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2806 -0.4506018761 1.566181e-02 -0.3188628891 1.6936451
## FALSE_2807 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_2808 -0.2547260207 -2.647734e-01 -0.3188628891 1.6936451
## FALSE_2809 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_2810 -0.2302415416 7.247622e-01 -0.3188628891 0.6917509
## FALSE_2811 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2812 -0.4506018761 -6.716207e-01 1.8128649467 -0.3101433
## TRUE_2813 -0.3209781486 -6.210696e-01 0.5969650600 0.6917509
## FALSE_2814 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2815 -0.1913544211 -6.961517e-03 -0.3188628891 -0.3101433
## FALSE_2816 -0.3473079693 -4.779613e-01 -0.0302249469 0.6917509
## FALSE_2817 -0.0833346446 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2818 -0.2091111009 -3.988993e-01 -0.3188628891 3.6974335
## FALSE_2819 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_2820 -0.1861694747 -1.125996e-02 -0.3188628891 1.6936451
## FALSE_2821 -0.4506018761 7.575507e-02 -0.3188628891 -0.3101433
## FALSE_2822 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_2823 -0.4506018761 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_2824 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_2825 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_2826 -0.4506018761 -4.170096e-01 4.9348821888 -0.3101433
## FALSE_2827 -0.4506018761 -6.093080e-01 -0.3188628891 2.6955393
## FALSE_2828 -0.4506018761 -4.423120e-01 -0.3188628891 -0.3101433
## FALSE_2829 -0.0908298928 -1.736932e-01 -0.0257519710 4.6993277

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## FALSE_2830 -0.0535562287 -9.867778e-02 -0.3188628891 4.6993277
## FALSE_2831 -0.3810143962 -7.935097e-01 -0.3188628891 -0.3101433
## FALSE_2832 -0.1751514579 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2833 1.7530014690 2.097662e+00 -0.3188628891 1.6936451
## FALSE_2834 -0.4506018761 -7.246871e-01 -0.3188628891 0.6917509
## FALSE_2835 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_2836 -0.3014858667 -1.698592e-01 -0.3188628891 -0.3101433
## TRUE_2837 -0.4506018761 -7.947386e-01 1.8162475896 -0.3101433
## FALSE_2838 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2839 -0.4248287297 -7.268137e-01 -0.3188628891 -0.3101433
## FALSE_2840 -0.1834984430 -4.388617e-01 1.2776754538 -0.3101433
## FALSE_2841 -0.0098812071 -3.241279e-02 -0.3188628891 2.6955393
## FALSE_2842 0.7246532339 6.965552e-01 -0.3188628891 -0.3101433
## FALSE_2843 -0.3446594143 -5.649315e-01 -0.3188628891 1.6936451
## FALSE_2844 -0.4506018761 -8.606392e-01 -0.3188628891 3.6974335
## FALSE_2845 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2846 -0.2669682713 -3.262688e-01 -0.3188628891 3.6974335
## FALSE_2847 -0.4119421675 -5.324519e-01 0.3613588421 -0.3101433
## FALSE_2848 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_2849 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_2850 -0.4506018761 -4.666519e-01 -0.3188628891 3.6974335
## FALSE_2851 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_2852 -0.4506018761 5.444825e-01 -0.3188628891 2.6955393
## FALSE_2853 0.2839325649 -2.487485e-01 -0.3188628891 1.6936451
## TRUE_2854 -0.3600428354 -4.972337e-01 0.8056893550 -0.3101433
## TRUE_2855 -0.4506018761 -7.539040e-01 0.5110340634 -0.3101433
## FALSE_2856 -0.1167225847 4.188432e-02 -0.3188628891 1.6936451
## FALSE_2857 0.7834159972 6.598615e-01 -0.3188628891 -0.3101433
## TRUE_2858 -0.4506018761 -7.701867e-01 0.8923652959 -0.3101433
## FALSE_2859 -0.3870364034 -6.134683e-01 0.3694673311 3.6974335
## FALSE_2860 0.4308394619 3.714139e-01 -0.3188628891 4.6993277
## FALSE_2861 0.4308394619 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_2862 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2863 0.6818054009 9.350886e-01 -0.3188628891 -0.3101433
## FALSE_2864 -0.4506018761 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_2865 0.0390877513 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_2866 -0.4506018761 -7.329284e-01 2.5284668616 -0.3101433
## FALSE_2867 0.1789990891 9.565505e-01 -0.3188628891 2.6955393
## FALSE_2868 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_2869 1.4050640918 1.284578e+00 -0.3188628891 1.6936451
## FALSE_2870 1.2021006327 1.806441e+00 -0.3188628891 2.6955393
## FALSE_2871 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2872 0.1789990891 -7.394362e-03 -0.3188628891 -0.3101433
## FALSE_2873 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2874 -0.0068206444 -1.450876e-01 -0.3188628891 -0.3101433
## FALSE_2875 -0.4266496553 -5.864651e-01 0.6529813351 -0.3101433
## FALSE_2876 -0.2302415416 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_2877 -0.4506018761 -4.470562e-01 -0.3188628891 -0.3101433
## TRUE_2878 -0.4506018761 -6.027524e-01 2.3379445611 -0.3101433
## FALSE_2879 1.0184670280 1.265601e+00 -0.3188628891 2.6955393
## TRUE_2880 -0.4506018761 -6.093080e-01 2.0003347237 0.6917509
## FALSE_2881 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_2882 -0.3704708373 -4.388617e-01 0.0721254297 -0.3101433
## FALSE_2883 -0.4506018761 -5.131588e-01 -0.3188628891 -0.3101433

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## FALSE_2884 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_2885 -0.1358014045 -6.331788e-02 0.2184613492 2.6955393
## FALSE_2886 -0.4506018761 -7.174759e-01 -0.3188628891 0.6917509
## FALSE_2887 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_2888 -0.4506018761 -8.204929e-01 -0.3188628891 2.6955393
## FALSE_2889 1.0604404271 1.315050e+00 -0.3188628891 -0.3101433
## FALSE_2890 -0.4506018761 -8.358897e-02 -0.3188628891 -0.3101433
## FALSE_2891 -0.1358014045 -6.505148e-01 -0.3188628891 -0.3101433
## FALSE_2892 -0.4188757834 -6.653811e-01 1.0765469583 -0.3101433
## FALSE_2893 0.1789990891 5.702367e-01 -0.3188628891 3.6974335
## FALSE_2894 -0.4122783492 -5.795797e-01 -0.3188628891 -0.3101433
## TRUE_2895 -0.4506018761 -8.480233e-01 4.0846569099 -0.3101433
## FALSE_2896 -0.2057570624 1.505975e+00 -0.3188628891 1.6936451
## FALSE_2897 -0.4506018761 -2.487485e-01 -0.3188628891 3.6974335
## FALSE_2898 -0.2302415416 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2899 0.0390877513 4.723705e-01 -0.3188628891 -0.3101433
## FALSE_2900 -0.0098812071 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_2901 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2902 -0.3093452604 -1.835704e-01 -0.3188628891 -0.3101433
## TRUE_2903 0.5987330585 2.148280e-01 1.0320541704 3.6974335
## FALSE_2904 -0.4506018761 -6.573826e-01 -0.3188628891 0.6917509
## FALSE_2905 -0.4506018761 3.643173e-03 -0.3188628891 -0.3101433
## FALSE_2906 0.5956566299 4.856576e-01 -0.3188628891 1.6936451
## FALSE_2907 -0.0268320071 -3.503127e-01 -0.3188628891 3.6974335
## FALSE_2908 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_2909 -0.4097944035 -5.452086e-01 3.7192309364 -0.3101433
## FALSE_2910 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_2911 -0.3170501595 2.003223e-02 -0.3188628891 4.6993277
## FALSE_2912 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2913 -0.4506018761 -6.462025e-01 -0.3188628891 -0.3101433
## FALSE_2914 0.6511997965 9.050420e-01 -0.3188628891 -0.3101433
## FALSE_2915 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_2916 0.5287773786 6.406317e-01 -0.3188628891 0.6917509
## FALSE_2917 0.3840963634 3.543692e-01 -0.3188628891 -0.3101433
## FALSE_2918 -0.4506018761 -2.968231e-01 -0.3188628891 -0.3101433
## FALSE_2919 0.4675661917 4.543426e-01 -0.3188628891 4.6993277
## FALSE_2920 -0.4506018761 -5.989005e-01 -0.1582442582 -0.3101433
## TRUE_2921 -0.4506018761 -5.803400e-01 0.6509107911 -0.3101433
## FALSE_2922 -0.3953075845 -6.075140e-01 0.0552213817 4.6993277
## FALSE_2923 -0.3913537031 -6.409388e-01 -0.1926698076 4.6993277
## FALSE_2924 -0.3128766670 -1.889180e-02 -0.3188628891 -0.3101433
## FALSE_2925 -0.2743136085 -5.323887e-01 -0.3188628891 -0.3101433
## FALSE_2926 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2927 -0.3876417774 -6.611844e-01 0.4167110589 1.6936451
## TRUE_2928 -0.2959630417 -3.069441e-01 0.6016663682 2.6955393
## FALSE_2929 1.8689805947 1.686887e+00 -0.3188628891 4.6993277
## FALSE_2930 0.2545511943 9.194643e-01 -0.3188628891 3.6974335
## FALSE_2931 0.2839325649 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_2932 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2933 -0.4506018761 4.002586e-01 -0.3188628891 2.6955393
## FALSE_2934 1.0184670280 1.986721e+00 -0.3188628891 3.6974335
## FALSE_2935 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_2936 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2937 -0.3920343521 -5.729575e-01 -0.3188628891 4.6993277

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## FALSE_2938 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2939 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## FALSE_2940 -0.4223505574 -8.117761e-01 -0.3188628891 -0.3101433
## FALSE_2941 -0.2727672298 -5.739569e-01 -0.3188628891 -0.3101433
## FALSE_2942 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_2943 -0.2932016403 -1.972400e-01 0.2720053351 -0.3101433
## FALSE_2944 -0.4506018761 3.428959e+00 -0.3188628891 0.6917509
## FALSE_2945 0.5189835958 1.241731e-01 -0.3188628891 -0.3101433
## TRUE_2946 -0.3036949791 -6.093080e-01 0.5492115119 -0.3101433
## FALSE_2947 0.0390877513 -5.772583e-01 -0.3188628891 -0.3101433
## FALSE_2948 -0.4261173969 -4.350376e-01 -0.3188628891 -0.3101433
## FALSE_2949 -0.2547260207 -3.886019e-01 -0.3188628891 -0.3101433
## FALSE_2950 -0.2502743013 -2.094147e-01 -0.3188628891 0.6917509
## FALSE_2951 -0.4506018761 3.643173e-03 0.1796477048 -0.3101433
## FALSE_2952 0.7513635949 1.462270e+00 -0.3188628891 -0.3101433
## FALSE_2953 -0.2407348803 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2954 -0.4506018761 -4.677716e-01 -0.3188628891 -0.3101433
## FALSE_2955 -0.2407348803 -4.856876e-01 -0.3188628891 -0.3101433
## FALSE_2956 -0.1466565970 1.708682e-01 -0.3188628891 2.6955393
## FALSE_2957 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_2958 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_2959 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_2960 1.7530014690 2.347280e+00 -0.3188628891 2.6955393
## FALSE_2961 0.2227213780 -1.525993e-01 -0.3188628891 3.6974335
## FALSE_2962 -0.1358014045 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_2963 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_2964 -0.4152310455 -7.937013e-01 1.1771394282 -0.3101433
## FALSE_2965 0.4308394619 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_2966 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_2967 -0.4506018761 -4.650842e-01 3.9269224013 -0.3101433
## FALSE_2968 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_2969 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2970 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_2971 -0.4506018761 8.329301e-01 -0.3188628891 4.6993277
## FALSE_2972 -0.4506018761 -7.710726e-01 -0.3188628891 -0.3101433
## FALSE_2973 0.0030811591 2.485255e-02 -0.3188628891 3.6974335
## TRUE_2974 -0.4506018761 -8.385974e-01 0.3234638517 -0.3101433
## FALSE_2975 -0.4016329177 -6.216348e-01 -0.3188628891 3.6974335
## FALSE_2976 0.0284423198 -1.390130e-01 -0.3188628891 -0.3101433
## FALSE_2977 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_2978 -0.2932016403 -5.887046e-01 -0.3188628891 3.6974335
## FALSE_2979 0.4308394619 4.002586e-01 -0.3188628891 1.6936451
## FALSE_2980 0.6774331654 6.650592e-01 -0.3188628891 3.6974335
## FALSE_2981 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_2982 -0.4506018761 -5.616408e-01 0.5046208139 -0.3101433
## FALSE_2983 -0.3404217088 -7.586827e-01 -0.3188628891 3.6974335
## FALSE_2984 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_2985 -0.1241421172 -2.567609e-01 -0.3188628891 -0.3101433
## FALSE_2986 -0.1358014045 -5.242070e-01 0.0018507763 -0.3101433
## FALSE_2987 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_2988 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_2989 -0.4506018761 -8.707137e-01 -0.3188628891 -0.3101433
## TRUE_2990 -0.2669682713 -2.367298e-01 0.3342358560 2.6955393
## FALSE_2991 -0.2407348803 -4.941591e-03 0.4852544081 -0.3101433

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## FALSE_2992 -0.4252731083 -6.391474e-01 -0.3188628891 -0.3101433
## TRUE_2993 -0.4506018761 -4.802657e-01 0.4987974364 1.6936451
## FALSE_2994 -0.3829720995 -3.264587e-02 -0.3188628891 2.6955393
## FALSE_2995 -0.1115859853 1.007169e-01 -0.3188628891 1.6936451
## FALSE_2996 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_2997 0.2640802804 2.969632e-01 -0.3188628891 4.6993277
## FALSE_2998 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_2999 0.8715601310 9.931787e-01 -0.3188628891 2.6955393
## FALSE_3000 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_3001 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3002 0.2839325649 2.560348e-01 -0.3188628891 -0.3101433
## FALSE_3003 1.0184670280 1.986721e+00 -0.3188628891 1.6936451
## FALSE_3004 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_3005 -0.3795179072 -6.418747e-01 0.1804442299 -0.3101433
## FALSE_3006 -0.4506018761 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_3007 -0.3759034468 -7.608652e-01 0.2305327326 -0.3101433
## FALSE_3008 -0.4506018761 -1.766366e-01 -0.3188628891 3.6974335
## FALSE_3009 -0.4506018761 -1.342178e-01 -0.3188628891 2.6955393
## FALSE_3010 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3011 -0.1115859853 1.007169e-01 -0.3188628891 -0.3101433
## FALSE_3012 -0.1751514579 -1.991716e-01 -0.3188628891 -0.3101433
## FALSE_3013 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3014 1.4775510508 1.310671e+00 -0.3188628891 0.6917509
## FALSE_3015 -0.4506018761 -4.170096e-01 -0.3188628891 0.6917509
## FALSE_3016 -0.3624577423 -4.254227e-01 -0.3188628891 4.6993277
## TRUE_3017 -0.4506018761 -8.279699e-01 0.8655086283 -0.3101433
## FALSE_3018 0.5987330585 3.796552e-01 -0.3188628891 3.6974335
## FALSE_3019 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_3020 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_3021 -0.4506018761 -3.569164e-01 -0.3188628891 2.6955393
## FALSE_3022 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_3023 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_3024 -0.0728413058 -1.725159e-01 -0.3188628891 -0.3101433
## FALSE_3025 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3026 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3027 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_3028 -0.1339922021 -1.814434e-02 -0.3188628891 3.6974335
## TRUE_3029 -0.4506018761 -2.321073e-01 0.1855748419 -0.3101433
## FALSE_3030 0.4308394619 8.329301e-01 -0.3188628891 2.6955393
## FALSE_3031 -0.0697321537 -4.028925e-01 -0.3188628891 2.6955393
## FALSE_3032 -0.3568315242 -4.834958e-01 -0.3188628891 -0.3101433
## FALSE_3033 -0.2356161742 -3.173428e-01 -0.3188628891 -0.3101433
## FALSE_3034 -0.4506018761 -6.131034e-01 -0.3188628891 -0.3101433
## FALSE_3035 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_3036 -0.1016980205 -6.015817e-01 -0.3188628891 -0.3101433
## FALSE_3037 -0.2932016403 -3.073980e-01 -0.3188628891 3.6974335
## FALSE_3038 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_3039 0.6511997965 1.121378e+00 -0.3188628891 3.6974335
## FALSE_3040 -0.2810939197 -8.788349e-02 -0.3188628891 -0.3101433
## FALSE_3041 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3042 -0.4506018761 -6.196097e-01 -0.3188628891 -0.3101433
## FALSE_3043 3.5893375825 3.188586e+00 -0.3188628891 3.6974335
## FALSE_3044 -0.4506018761 -7.415867e-01 0.2868390345 -0.3101433
## FALSE_3045 -0.3511912032 -5.522485e-01 -0.1699634924 2.6955393

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## FALSE_3046 -0.4506018761 -7.775691e-01 -0.3188628891 2.6955393
## TRUE_3047 -0.4506018761 -5.982139e-01 2.3441004291 -0.3101433
## FALSE_3048 -0.2447708019 -1.928522e-01 -0.3188628891 -0.3101433
## FALSE_3049 -0.0499467264 9.869977e-02 -0.3188628891 2.6955393
## FALSE_3050 -0.1987615032 -4.032740e-01 -0.3188628891 -0.3101433
## FALSE_3051 -0.3422279364 -2.587969e-01 -0.3188628891 -0.3101433
## FALSE_3052 0.1789990891 1.324144e-01 -0.3188628891 -0.3101433
## FALSE_3053 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3054 0.7736222143 1.746348e+00 -0.3188628891 4.6993277
## FALSE_3055 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_3056 0.6511997965 6.373641e-02 -0.3188628891 0.6917509
## FALSE_3057 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3058 -0.1378323776 -1.650056e-01 0.7296887200 -0.3101433
## FALSE_3059 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_3060 0.5287773786 5.444825e-01 -0.3188628891 2.6955393
## FALSE_3061 0.4937995607 1.265601e+00 -0.3188628891 3.6974335
## FALSE_3062 -0.4506018761 -3.153133e-01 -0.3188628891 -0.3101433
## TRUE_3063 -0.4506018761 -5.371961e-01 12.5490054901 -0.3101433
## FALSE_3064 -0.2986292255 -4.874638e-01 -0.3188628891 -0.3101433
## FALSE_3065 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3066 -0.3128766670 -1.009835e-01 -0.3188628891 4.6993277
## FALSE_3067 -0.0592011994 -2.570378e-02 -0.3188628891 4.6993277
## FALSE_3068 -0.2502743013 -3.733054e-01 -0.3188628891 -0.3101433
## FALSE_3069 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3070 -0.2932016403 -3.826706e-01 -0.0202345220 -0.3101433
## FALSE_3071 0.5987330585 6.195990e-01 -0.3188628891 -0.3101433
## FALSE_3072 0.2839325649 2.453819e-01 1.0547066339 3.6974335
## TRUE_3073 0.3888660628 3.384484e-01 0.3545503981 -0.3101433
## FALSE_3074 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_3075 -0.2810939197 -7.868142e-01 -0.3188628891 -0.3101433
## FALSE_3076 -0.4506018761 -8.321994e-01 -0.3188628891 -0.3101433
## FALSE_3077 -0.4506018761 2.822574e-01 -0.3188628891 2.6955393
## FALSE_3078 -0.4506018761 -8.145496e-01 -0.3188628891 -0.3101433
## FALSE_3079 1.0184670280 6.887062e-01 -0.3188628891 3.6974335
## FALSE_3080 -0.2549548429 -5.249605e-01 -0.3188628891 4.6993277
## FALSE_3081 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_3082 -0.4506018761 -1.110803e-01 1.0875953489 -0.3101433
## TRUE_3083 -0.4506018761 -8.474450e-01 3.9731134192 -0.3101433
## FALSE_3084 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3085 -0.4506018761 -4.170096e-01 -0.3188628891 0.6917509
## TRUE_3086 -0.4506018761 -5.887046e-01 1.7868956805 -0.3101433
## FALSE_3087 0.6511997965 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3088 0.0390877513 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3089 1.0184670280 1.265601e+00 -0.3188628891 2.6955393
## FALSE_3090 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3091 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_3092 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_3093 -0.1358014045 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_3094 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_3095 2.1937221380 2.563616e+00 -0.3188628891 3.6974335
## FALSE_3096 0.1035395572 -2.513921e-01 -0.3188628891 -0.3101433
## FALSE_3097 -0.4506018761 -6.814199e-01 -0.3188628891 0.6917509
## FALSE_3098 -0.4506018761 -6.273360e-01 -0.3188628891 0.6917509
## FALSE_3099 -0.4506018761 -2.228622e-01 0.1519872158 -0.3101433

```

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## FALSE_3100 0.0390877513 1.324144e-01 -0.3188628891 2.6955393
## FALSE_3101 -0.3526639594 -6.525752e-01 -0.1597441558 -0.3101433
## TRUE_3102 -0.2407348803 -5.337622e-01 0.6136910336 -0.3101433
## FALSE_3103 0.4871016642 2.271698e-01 -0.3188628891 -0.3101433
## FALSE_3104 -0.2057570624 -2.487485e-01 -0.3188628891 3.6974335
## FALSE_3105 0.5134745874 7.307715e-01 -0.3188628891 2.6955393
## TRUE_3106 -0.3624577423 -7.102647e-01 1.9261753076 -0.3101433
## FALSE_3107 -0.1751514579 -2.780440e-01 -0.3188628891 -0.3101433
## FALSE_3108 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3109 -0.3912740869 -5.981411e-01 -0.1624238577 3.6974335
## FALSE_3110 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3111 -0.4506018761 -5.371961e-01 -0.3188628891 3.6974335
## FALSE_3112 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_3113 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3114 -0.4506018761 -6.700338e-01 -0.3188628891 3.6974335
## FALSE_3115 -0.4506018761 -8.563147e-01 -0.3188628891 -0.3101433
## FALSE_3116 -0.1265425684 -5.070135e-01 -0.3188628891 -0.3101433
## TRUE_3117 -0.4506018761 -8.110948e-01 2.9216357411 0.6917509
## FALSE_3118 0.0798952239 1.572148e-01 -0.3188628891 -0.3101433
## FALSE_3119 0.3158688593 2.858202e-01 -0.3188628891 4.6993277
## FALSE_3120 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3121 -0.2502743013 -7.666431e-01 -0.3188628891 -0.3101433
## FALSE_3122 -0.3444041269 -4.780854e-01 0.2534466340 2.6955393
## FALSE_3123 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## TRUE_3124 -0.4506018761 -7.096376e-01 1.4403492930 -0.3101433
## FALSE_3125 -0.4506018761 -8.145496e-01 -0.3188628891 -0.3101433
## FALSE_3126 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3127 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3128 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_3129 -0.1431223478 -3.173067e-01 -0.3188628891 2.6955393
## FALSE_3130 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_3131 -0.3149955198 -5.704785e-01 -0.3188628891 -0.3101433
## FALSE_3132 -0.3434822715 -5.679564e-01 -0.3188628891 0.6917509
## FALSE_3133 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3134 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3135 1.3857342375 1.385788e+00 -0.3188628891 3.6974335
## FALSE_3136 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_3137 -0.1913544211 -3.887304e-01 2.9167294741 2.6955393
## FALSE_3138 -0.3587850627 -4.659436e-01 -0.3188628891 -0.3101433
## FALSE_3139 -0.4506018761 -8.702129e-01 -0.3188628891 -0.3101433
## FALSE_3140 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3141 -0.2873720076 -6.306745e-01 -0.3188628891 -0.3101433
## FALSE_3142 -0.4506018761 -5.584055e-01 -0.3188628891 -0.3101433
## TRUE_3143 -0.4506018761 -7.625458e-01 5.8735775834 -0.3101433
## FALSE_3144 -0.1200613743 -2.616038e-01 0.4196833783 3.6974335
## FALSE_3145 -0.4506018761 9.050420e-01 -0.3188628891 1.6936451
## TRUE_3146 -0.4506018761 -5.666296e-01 1.0438085692 2.6955393
## TRUE_3147 -0.4506018761 -4.170096e-01 2.4252242522 -0.3101433
## FALSE_3148 -0.3246816786 -3.045494e-01 0.0849058733 3.6974335
## FALSE_3149 -0.4506018761 -5.371961e-01 -0.3188628891 3.6974335
## FALSE_3150 -0.4506018761 -8.888894e-01 -0.3188628891 2.6955393
## FALSE_3151 -0.0482640329 7.494290e-02 -0.3188628891 -0.3101433
## FALSE_3152 -0.0499467264 -3.733054e-01 -0.3188628891 -0.3101433
## FALSE_3153 -0.3311653848 -7.532791e-01 6.0963831158 -0.3101433

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## FALSE_3154 -0.1115859853 -1.489012e-01 -0.3188628891 1.6936451
## TRUE_3155 -0.4506018761 -8.576935e-01 0.3723869034 -0.3101433
## FALSE_3156 -0.3674470308 -5.480809e-01 -0.3188628891 -0.3101433
## FALSE_3157 0.4308394619 2.920908e-01 -0.3188628891 -0.3101433
## FALSE_3158 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3159 -0.3704708373 -4.650842e-01 -0.1317250919 -0.3101433
## FALSE_3160 -0.4506018761 -6.601061e-01 2.1315301236 -0.3101433
## FALSE_3161 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_3162 -0.4506018761 -1.766366e-01 -0.3188628891 2.6955393
## FALSE_3163 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3164 -0.3558232435 -4.588810e-01 -0.1406995533 -0.3101433
## FALSE_3165 1.7530014690 2.707840e+00 -0.3188628891 -0.3101433
## FALSE_3166 -0.4337160162 -7.759114e-01 -0.3188628891 -0.3101433
## FALSE_3167 -0.4506018761 -4.238774e-01 -0.3188628891 -0.3101433
## FALSE_3168 -0.2502743013 -5.152253e-01 0.1616256360 -0.3101433
## FALSE_3169 -0.3298564885 -3.104881e-01 -0.3188628891 -0.3101433
## FALSE_3170 -0.4506018761 -7.642151e-01 -0.3188628891 3.6974335
## FALSE_3171 -0.4506018761 -2.343261e-01 -0.3188628891 3.6974335
## TRUE_3172 -0.4506018761 -6.715865e-01 0.9477406726 -0.3101433
## TRUE_3173 -0.4506018761 -6.573826e-01 1.6465699243 -0.3101433
## FALSE_3174 -0.3732824589 -2.651951e-01 -0.0344592976 -0.3101433
## FALSE_3175 0.1615101691 4.643581e-01 -0.3188628891 -0.3101433
## FALSE_3176 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3177 0.1002989602 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_3178 2.4875359100 1.746348e+00 -0.3188628891 -0.3101433
## FALSE_3179 -0.2743136085 -2.920156e-01 -0.2197977829 -0.3101433
## FALSE_3180 -0.1481465193 6.271990e-01 -0.0894046282 -0.3101433
## FALSE_3181 -0.4506018761 -5.774040e-01 -0.3188628891 -0.3101433
## FALSE_3182 0.0678930338 -6.961517e-03 -0.3188628891 -0.3101433
## FALSE_3183 1.0184670280 9.050420e-01 -0.3188628891 2.6955393
## FALSE_3184 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_3185 -0.4506018761 -5.268944e-01 -0.3188628891 2.6955393
## FALSE_3186 -0.0425271719 6.087483e-02 -0.3188628891 1.6936451
## FALSE_3187 -0.4506018761 -5.092344e-01 -0.3188628891 -0.3101433
## FALSE_3188 -0.4339079060 -4.763224e-01 -0.3188628891 -0.3101433
## FALSE_3189 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_3190 -0.1751514579 -2.667765e-01 -0.3188628891 -0.3101433
## FALSE_3191 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_3192 -0.4506018761 -5.672427e-01 1.5182201138 1.6936451
## FALSE_3193 -0.4506018761 5.444825e-01 -0.3188628891 0.6917509
## FALSE_3194 -0.4506018761 -6.204022e-01 -0.3188628891 1.6936451
## FALSE_3195 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_3196 -0.1241421172 -3.292020e-01 -0.2067690528 -0.3101433
## FALSE_3197 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3198 -0.4506018761 -5.098335e-01 -0.3188628891 1.6936451
## FALSE_3199 -0.4506018761 -7.797543e-01 -0.3188628891 -0.3101433
## FALSE_3200 -0.3404217088 -5.191681e-01 0.9366845950 -0.3101433
## FALSE_3201 -0.4506018761 -4.921262e-01 -0.3188628891 -0.3101433
## FALSE_3202 0.6267153173 6.598615e-01 -0.3188628891 -0.3101433
## FALSE_3203 -0.4506018761 -5.543656e-01 -0.3188628891 -0.3101433
## FALSE_3204 0.1002989602 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_3205 0.0146400943 -1.605401e-01 -0.3188628891 4.6993277
## FALSE_3206 -0.4506018761 -6.449589e-01 -0.3188628891 0.6917509
## FALSE_3207 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433

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## FALSE_3208 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_3209 0.4675661917 6.446379e-01 -0.3188628891 3.6974335
## FALSE_3210 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_3211 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3212 -0.2049039374 -4.228724e-01 0.0067298137 -0.3101433
## FALSE_3213 -0.4506018761 -7.174759e-01 -0.3188628891 1.6936451
## FALSE_3214 1.0184670280 1.586099e+00 -0.3188628891 -0.3101433
## FALSE_3215 -0.3948785650 -7.165512e-01 -0.3188628891 3.6974335
## FALSE_3216 -0.4506018761 8.329301e-01 -0.3188628891 2.6955393
## FALSE_3217 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3218 -0.3752650188 -6.409469e-01 2.3597203661 -0.3101433
## FALSE_3219 -0.1000286146 2.625905e-01 -0.3188628891 2.6955393
## FALSE_3220 -0.0649712907 -3.406912e-01 1.0009676353 0.6917509
## FALSE_3221 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3222 1.0139046876 1.324388e+00 -0.3188628891 3.6974335
## FALSE_3223 -0.4506018761 -7.308393e-01 4.9382402123 -0.3101433
## FALSE_3224 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3225 -0.1241421172 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3226 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3227 -0.4506018761 -5.990063e-01 -0.3188628891 -0.3101433
## FALSE_3228 -0.2145015114 -5.368207e-01 -0.3188628891 -0.3101433
## FALSE_3229 -0.0833346446 -1.638791e-02 -0.3188628891 2.6955393
## FALSE_3230 -0.4506018761 -5.371961e-01 -0.3188628891 0.6917509
## FALSE_3231 -0.2276181959 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_3232 -0.4506018761 -4.482269e-01 -0.3188628891 1.6936451
## FALSE_3233 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_3234 -0.3084339162 -3.534271e-01 0.5128961911 -0.3101433
## FALSE_3235 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3236 -0.4506018761 -5.371961e-01 1.1222011006 -0.3101433
## FALSE_3237 -0.0452962640 -6.486834e-03 -0.3188628891 -0.3101433
## FALSE_3238 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_3239 -0.0499467264 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3240 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_3241 0.6511997965 3.041094e-01 -0.3188628891 0.6917509
## FALSE_3242 -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## TRUE_3243 -0.4506018761 -6.829542e-01 1.3254789500 -0.3101433
## FALSE_3244 -0.2932016403 5.341807e-01 -0.3188628891 -0.3101433
## FALSE_3245 1.4382009974 1.111076e+00 -0.3188628891 3.6974335
## FALSE_3246 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_3247 0.0390877513 -7.054572e-01 -0.3188628891 -0.3101433
## FALSE_3248 -0.1751514579 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_3249 -0.2057570624 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3250 -0.4506018761 -1.766366e-01 -0.3188628891 1.6936451
## FALSE_3251 -0.2932016403 6.802879e-02 -0.3188628891 3.6974335
## FALSE_3252 -0.3504380776 -2.979157e-01 -0.3188628891 3.6974335
## FALSE_3253 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3254 0.1002989602 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_3255 -0.4506018761 8.329301e-01 -0.3188628891 3.6974335
## FALSE_3256 -0.4506018761 -2.875780e-01 -0.3188628891 3.6974335
## TRUE_3257 -0.4506018761 -1.766366e-01 2.8172979816 -0.3101433
## FALSE_3258 -0.3547930369 -5.547386e-01 -0.1944040872 4.6993277
## FALSE_3259 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3260 -0.4506018761 -6.824830e-01 -0.3188628891 0.6917509
## FALSE_3261 -0.3838260178 2.167011e-01 -0.3188628891 3.6974335

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## TRUE_3262    -0.4506018761 -2.796536e-01  2.8333841576  0.6917509
## FALSE_3263    0.4011931962  5.015237e-01 -0.3188628891  0.6917509
## FALSE_3264   -0.4506018761 -8.331530e-02 -0.3188628891 -0.3101433
## FALSE_3265    0.4308394619 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3266   -0.4506018761 -3.368853e-01 -0.3188628891 -0.3101433
## TRUE_3267   -0.4506018761 -5.649315e-01  6.3318057116 -0.3101433
## FALSE_3268   -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_3269    1.0184670280  1.986721e+00 -0.3188628891  1.6936451
## TRUE_3270   -0.4506018761 -4.170096e-01  0.6813397866 -0.3101433
## FALSE_3271   -0.2847392525 -6.347715e-01 -0.1056421090 -0.3101433
## FALSE_3272   -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3273   -0.4506018761 -6.448957e-01 -0.3188628891 -0.3101433
## FALSE_3274   -0.4506018761 -7.174759e-01 -0.3188628891  4.6993277
## FALSE_3275   -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3276   -0.2932016403 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_3277   -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3278   -0.2906629129 -2.474340e-01 -0.3188628891 -0.3101433
## FALSE_3279   -0.2669682713 -2.893114e-01 -0.3188628891 -0.3101433
## FALSE_3280    3.9566048140  3.428959e+00 -0.3188628891  2.6955393
## FALSE_3281    3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3282   -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_3283   -0.3036949791 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_3284   -0.4261173969 -6.316284e-01  0.0574571120 -0.3101433
## FALSE_3285   -0.1751514579 -1.889180e-02 -0.3188628891 -0.3101433
## FALSE_3286   -0.4506018761 -8.076158e-01 -0.3188628891  2.6955393
## FALSE_3287   -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## TRUE_3288   -0.4506018761 -6.965131e-01  3.0804004835 -0.3101433
## FALSE_3289   -0.4506018761  1.839229e-01 -0.3188628891 -0.3101433
## TRUE_3290   -0.4506018761 -4.470562e-01  8.5618036931 -0.3101433
## TRUE_3291   -0.4506018761 -5.165927e-01  0.5428771335  2.6955393
## FALSE_3292    0.2839325649 -1.638791e-02 -0.3188628891 -0.3101433
## FALSE_3293    0.3426953281  3.871474e-01 -0.3188628891 -0.3101433
## FALSE_3294    0.1002989602  1.265601e+00 -0.3188628891 -0.3101433
## TRUE_3295   -0.3783525756 -7.254977e-01  0.1841184310 -0.3101433
## FALSE_3296   -0.4506018761 -6.962308e-01 -0.3188628891 -0.3101433
## FALSE_3297    0.0006121317  3.834013e-01 -0.3188628891  3.6974335
## FALSE_3298   -0.3299666466 -7.719479e-01 -0.0253987791 -0.3101433
## FALSE_3299   -0.4506018761  1.839229e-01 -0.3188628891  1.6936451
## FALSE_3300   -0.2638558359 -4.797510e-01 -0.3188628891  0.6917509
## FALSE_3301    1.0184670280  1.986721e+00 -0.3188628891 -0.3101433
## FALSE_3302   -0.4506018761  8.329301e-01 -0.3188628891 -0.3101433
## FALSE_3303   -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3304   -0.4506018761 -6.273360e-01 -0.3188628891  4.6993277
## TRUE_3305   -0.4506018761 -6.093080e-01  5.0848911419 -0.3101433
## FALSE_3306   -0.2810939197 -3.430487e-01 -0.3188628891 -0.3101433
## FALSE_3307   -0.2669682713 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3308   -0.3417819491 -4.792073e-02 -0.3188628891  4.6993277
## FALSE_3309   -0.2669682713 -6.366626e-01 -0.1819120808 -0.3101433
## TRUE_3310   -0.4506018761 -8.174024e-01  0.4724217250 -0.3101433
## FALSE_3311    3.9566048140  3.428959e+00 -0.3188628891  0.6917509
## FALSE_3312   -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3313   -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_3314   -0.3893906671 -7.003064e-01 -0.3188628891  2.6955393
## FALSE_3315    1.0184670280  7.247622e-01 -0.3188628891 -0.3101433

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## FALSE_3316 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_3317 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3318 -0.4506018761 -3.241279e-02 -0.3188628891 2.6955393
## FALSE_3319 -0.2903398206 -4.012761e-01 -0.3188628891 -0.3101433
## FALSE_3320 -0.3800865690 -5.008197e-01 0.5480218497 -0.3101433
## FALSE_3321 -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_3322 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## TRUE_3323 -0.4506018761 -7.174759e-01 -0.1737745185 -0.3101433
## FALSE_3324 -0.4506018761 -1.251281e-01 -0.3188628891 -0.3101433
## FALSE_3325 0.3271404888 5.020637e-01 -0.3188628891 4.6993277
## FALSE_3326 -0.4506018761 -1.766366e-01 -0.3188628891 3.6974335
## TRUE_3327 -0.4506018761 -5.612334e-01 0.2812529967 0.6917509
## FALSE_3328 -0.1086634343 2.025726e-01 0.1275395885 -0.3101433
## FALSE_3329 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## TRUE_3330 -0.4506018761 -2.968231e-01 2.7012987794 -0.3101433
## TRUE_3331 -0.4506018761 -5.649315e-01 2.7690889497 2.6955393
## FALSE_3332 0.5074865377 7.012474e-01 -0.3188628891 2.6955393
## FALSE_3333 -0.4506018761 6.474994e-01 -0.3188628891 -0.3101433
## FALSE_3334 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_3335 -0.4506018761 -3.569164e-01 -0.3188628891 2.6955393
## FALSE_3336 1.3122808000 6.165944e-01 -0.3188628891 -0.3101433
## FALSE_3337 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_3338 -0.0833346446 -8.048738e-02 -0.3188628891 -0.3101433
## FALSE_3339 -0.2699786579 -3.832360e-02 -0.3188628891 1.6936451
## FALSE_3340 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_3341 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3342 -0.2057570624 -4.136711e-01 0.2226311585 -0.3101433
## TRUE_3343 -0.4506018761 -8.576935e-01 0.8677011146 -0.3101433
## FALSE_3344 0.4308394619 8.329301e-01 -0.3188628891 1.6936451
## FALSE_3345 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_3346 -0.4506018761 -8.076158e-01 -0.3188628891 3.6974335
## TRUE_3347 -0.3428701545 -5.381027e-01 -0.0322662752 -0.3101433
## TRUE_3348 0.1002989602 -3.345180e-01 0.0097662919 -0.3101433
## FALSE_3349 -0.4506018761 -8.112214e-01 -0.3188628891 -0.3101433
## FALSE_3350 -0.1501105028 -1.602475e-01 -0.3188628891 3.6974335
## FALSE_3351 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3352 -0.1861694747 -3.112455e-01 0.5066582144 -0.3101433
## FALSE_3353 0.4135562924 2.104347e-01 -0.3188628891 -0.3101433
## TRUE_3354 -0.4506018761 -5.887046e-01 0.2780261613 -0.3101433
## FALSE_3355 -0.4506018761 -6.150442e-01 -0.2063108405 -0.3101433
## FALSE_3356 -0.4506018761 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_3357 -0.1609437254 -5.341628e-02 -0.2895791691 -0.3101433
## FALSE_3358 -0.4506018761 5.444825e-01 -0.3188628891 4.6993277
## FALSE_3359 0.1872832935 2.288347e-01 -0.3188628891 2.6955393
## FALSE_3360 -0.3547930369 -7.566671e-01 -0.3188628891 -0.3101433
## FALSE_3361 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_3362 -0.3335963780 -4.435995e-01 -0.3080495623 4.6993277
## FALSE_3363 -0.4083409948 -7.286713e-01 -0.0943211736 3.6974335
## FALSE_3364 -0.2842921855 -6.105714e-01 -0.3188628891 0.6917509
## FALSE_3365 1.7530014690 2.707840e+00 -0.3188628891 3.6974335
## FALSE_3366 1.2021006327 8.329301e-01 -0.3188628891 2.6955393
## FALSE_3367 -0.4506018761 -6.155786e-01 -0.3188628891 3.6974335
## FALSE_3368 -0.1567881041 9.771539e-01 -0.3188628891 3.6974335
## FALSE_3369 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433

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## TRUE_3370 -0.4506018761 -6.425904e-01 1.1983522331 4.6993277
## FALSE_3371 -0.4506018761 -7.318649e-01 -0.2218439029 -0.3101433
## FALSE_3372 -0.4506018761 -6.148881e-01 0.0141796521 -0.3101433
## FALSE_3373 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3374 -0.2728919317 -4.748874e-01 -0.3188628891 1.6936451
## TRUE_3375 0.3482043365 1.275855e-01 0.4850437559 -0.3101433
## FALSE_3376 -0.4506018761 -7.535318e-01 -0.3188628891 1.6936451
## FALSE_3377 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3378 -0.2669682713 -1.766366e-01 -0.3188628891 3.6974335
## FALSE_3379 -0.3926123132 -4.099364e-01 -0.2604287126 -0.3101433
## TRUE_3380 -0.4506018761 -7.586827e-01 0.2861979387 -0.3101433
## FALSE_3381 3.2220703730 2.948213e+00 -0.3188628891 -0.3101433
## FALSE_3382 -0.0499467264 8.558850e-02 -0.3188628891 -0.3101433
## FALSE_3383 -0.3375965792 2.782231e-01 -0.3188628891 3.6974335
## FALSE_3384 -0.4026974565 -2.393426e-01 -0.3188628891 -0.3101433
## TRUE_3385 -0.4506018761 -5.371961e-01 5.7928115748 -0.3101433
## FALSE_3386 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3387 0.1002989602 5.895628e-02 -0.3188628891 -0.3101433
## FALSE_3388 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3389 -0.1510481360 -2.474500e-01 -0.3188628891 0.6917509
## FALSE_3390 0.5352206707 5.770141e-01 -0.3188628891 -0.3101433
## FALSE_3391 -0.3358308759 -6.888243e-01 -0.3188628891 -0.3101433
## FALSE_3392 -0.4506018761 -6.435612e-01 0.9419930331 -0.3101433
## FALSE_3393 -0.2302415416 -2.703821e-01 -0.3188628891 -0.3101433
## FALSE_3394 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_3395 -0.4506018761 1.265601e+00 -0.3188628891 0.6917509
## FALSE_3396 0.4675661917 1.085322e+00 -0.3188628891 1.6936451
## FALSE_3397 0.4937995607 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3398 -0.4506018761 -7.118067e-01 -0.3188628891 -0.3101433
## FALSE_3399 -0.4506018761 1.904785e-01 0.5496297525 -0.3101433
## FALSE_3400 -0.1115859853 8.696407e-04 -0.3188628891 -0.3101433
## FALSE_3401 -0.2302415416 -2.487485e-01 -0.3188628891 2.6955393
## FALSE_3402 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_3403 -0.4506018761 -7.404903e-01 -0.3051793718 -0.3101433
## FALSE_3404 0.4308394619 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_3405 0.0198303074 -5.802620e-02 -0.3188628891 4.6993277
## FALSE_3406 0.1002989602 5.895524e-01 -0.3188628891 3.6974335
## FALSE_3407 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3408 -0.4506018761 8.558850e-02 -0.3188628891 -0.3101433
## FALSE_3409 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_3410 -0.4506018761 -2.166988e-01 -0.3188628891 -0.3101433
## FALSE_3411 1.2169898517 1.276646e+00 -0.3188628891 3.6974335
## FALSE_3412 2.1937221380 2.563616e+00 -0.3188628891 2.6955393
## FALSE_3413 0.6511997965 5.795082e-01 -0.3188628891 1.6936451
## TRUE_3414 -0.4506018761 -4.742413e-01 0.3489815173 -0.3101433
## FALSE_3415 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3416 -0.0938280054 2.127677e-01 -0.3188628891 -0.3101433
## FALSE_3417 -0.1466565970 -1.393373e-01 -0.3188628891 -0.3101433
## TRUE_3418 -0.4506018761 -8.496810e-01 1.3145052915 -0.3101433
## FALSE_3419 0.3757493783 3.368980e-02 -0.3188628891 4.6993277
## FALSE_3420 0.2839325649 1.265601e+00 -0.3188628891 2.6955393
## FALSE_3421 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_3422 0.7246532339 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_3423 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433

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## FALSE_3424 -0.3431090251 -3.701076e-01 -0.3188628891 -0.3101433
## FALSE_3425 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3426 -0.4506018761 -8.129181e-01 -0.3188628891 -0.3101433
## FALSE_3427 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_3428 -0.2136552836 -5.623042e-01 -0.3188628891 2.6955393
## FALSE_3429 0.2839325649 4.002586e-01 -0.3188628891 2.6955393
## FALSE_3430 -0.3375965792 -6.388924e-01 -0.3188628891 -0.3101433
## FALSE_3431 -0.4506018761 -7.868142e-01 -0.3188628891 1.6936451
## FALSE_3432 -0.0980253409 -4.822225e-01 0.0798526437 -0.3101433
## FALSE_3433 -0.4506018761 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_3434 0.4937995607 5.273129e-01 -0.3188628891 1.6936451
## FALSE_3435 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3436 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3437 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## TRUE_3438 -0.4506018761 -7.895878e-01 2.3293828157 2.6955393
## FALSE_3439 -0.2186436246 -2.145902e-01 -0.3188628891 0.6917509
## FALSE_3440 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3441 -0.0354302250 -3.492274e-01 1.0069928927 2.6955393
## FALSE_3442 -0.4506018761 -8.462471e-01 -0.3188628891 4.6993277
## FALSE_3443 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_3444 -0.4506018761 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_3445 -0.4238915372 -7.733572e-01 -0.3188628891 3.6974335
## FALSE_3446 -0.4506018761 8.329301e-01 -0.3188628891 2.6955393
## FALSE_3447 -0.0098812071 3.569915e-01 -0.3188628891 -0.3101433
## FALSE_3448 0.4714732906 2.989951e-01 -0.3188628891 -0.3101433
## FALSE_3449 -0.4506018761 -3.405273e-01 -0.3188628891 -0.3101433
## FALSE_3450 -0.1274067115 -5.305660e-01 -0.3188628891 -0.3101433
## FALSE_3451 -0.4506018761 -8.227592e-01 -0.3188628891 3.6974335
## FALSE_3452 1.2021006327 9.951818e-01 -0.3188628891 1.6936451
## FALSE_3453 -0.4123448760 -4.732397e-01 0.2911670946 -0.3101433
## FALSE_3454 0.1370256900 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_3455 -0.1751514579 -8.649671e-02 0.7125961204 3.6974335
## FALSE_3456 -0.1501105028 -1.380052e-01 -0.3188628891 -0.3101433
## FALSE_3457 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_3458 -0.1115859853 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_3459 0.6511997965 7.247622e-01 -0.3188628891 2.6955393
## FALSE_3460 -0.4506018761 -7.948643e-01 -0.1472606642 -0.3101433
## FALSE_3461 -0.1816461381 -4.591201e-01 -0.3188628891 2.6955393
## TRUE_3462 -0.4506018761 -7.026293e-01 1.2904454689 -0.3101433
## FALSE_3463 0.6511997965 9.050420e-01 -0.3188628891 2.6955393
## TRUE_3464 -0.4506018761 -1.766366e-01 2.5760053418 -0.3101433
## FALSE_3465 -0.4506018761 -8.129181e-01 -0.3188628891 -0.3101433
## FALSE_3466 -0.4506018761 -5.629504e-01 -0.1388643249 -0.3101433
## FALSE_3467 -0.1785520807 -2.754566e-01 -0.3188628891 2.6955393
## FALSE_3468 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_3469 -0.0833346446 9.050420e-01 -0.3188628891 -0.3101433
## FALSE_3470 0.7246532339 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_3471 -0.1115859853 1.007169e-01 -0.3188628891 0.6917509
## FALSE_3472 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3473 -0.4506018761 -2.863721e-01 0.8768435538 -0.3101433
## TRUE_3474 -0.4278059741 -7.396951e-01 1.1520621410 -0.3101433
## TRUE_3475 -0.4506018761 -3.569164e-01 1.5627371163 -0.3101433
## FALSE_3476 -0.4090244644 -5.744507e-01 -0.3188628891 -0.3101433
## FALSE_3477 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433

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## FALSE_3478 0.1002989602 -1.405806e-01 0.9862711264 -0.3101433
## TRUE_3479 -0.4506018761 -6.700338e-01 13.3333222774 -0.3101433
## TRUE_3480 -0.4506018761 -6.093080e-01 0.1198393024 -0.3101433
## FALSE_3481 0.0678930338 -2.402647e-01 -0.3188628891 -0.3101433
## FALSE_3482 -0.2302415416 -5.840689e-01 -0.3188628891 -0.3101433
## FALSE_3483 -0.1913544211 6.717388e-01 -0.3188628891 -0.3101433
## FALSE_3484 -0.4506018761 -8.004046e-01 -0.3188628891 -0.3101433
## FALSE_3485 -0.0833346446 9.044452e-02 0.3956810766 -0.3101433
## FALSE_3486 -0.3128766670 -8.218879e-01 0.2239249042 -0.3101433
## TRUE_3487 -0.4506018761 -7.010868e-01 1.3179786369 -0.3101433
## FALSE_3488 -0.4506018761 9.565505e-01 -0.3188628891 4.6993277
## FALSE_3489 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3490 -0.2440140625 -4.470562e-01 1.3918416041 2.6955393
## FALSE_3491 -0.2810939197 -4.191228e-01 -0.3188628891 -0.3101433
## FALSE_3492 -0.4506018761 -5.543656e-01 2.4738811044 -0.3101433
## FALSE_3493 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_3494 -0.2763055557 -3.844166e-01 0.9613978430 -0.3101433
## FALSE_3495 1.3122808000 1.082918e+00 -0.3188628891 2.6955393
## TRUE_3496 -0.4506018761 -3.569164e-01 2.5760053418 -0.3101433
## FALSE_3497 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## TRUE_3498 -0.2899224581 -4.609239e-01 0.1393384288 -0.3101433
## FALSE_3499 1.3857342375 1.445881e+00 -0.3188628891 2.6955393
## FALSE_3500 0.4865627730 6.439471e-01 -0.3188628891 2.6955393
## TRUE_3501 -0.3951792467 -7.339639e-01 0.0674527229 -0.3101433
## FALSE_3502 -0.0571012756 -2.023908e-01 -0.3188628891 -0.3101433
## FALSE_3503 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_3504 0.4308394619 6.021720e-01 -0.3188628891 1.6936451
## FALSE_3505 -0.4506018761 -8.094553e-01 -0.3188628891 -0.3101433
## FALSE_3506 1.1520187445 1.068933e+00 -0.3188628891 1.6936451
## FALSE_3507 -0.1751514579 -2.066832e-01 -0.3188628891 -0.3101433
## FALSE_3508 2.2426910963 1.746348e+00 -0.3188628891 0.6917509
## FALSE_3509 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3510 -0.4506018761 4.335411e-01 -0.3188628891 -0.3101433
## FALSE_3511 -0.4235788679 -7.104195e-01 0.1644200679 -0.3101433
## FALSE_3512 -0.4506018761 -7.741352e-01 -0.3188628891 -0.3101433
## FALSE_3513 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_3514 -0.4506018761 -3.284511e-01 -0.3188628891 -0.3101433
## FALSE_3515 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3516 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3517 0.1789990891 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3518 0.5664458183 9.327773e-01 -0.3188628891 2.6955393
## FALSE_3519 1.3122808000 1.481937e+00 -0.3188628891 2.6955393
## FALSE_3520 -0.4506018761 -1.596691e-01 -0.3188628891 -0.3101433
## FALSE_3521 -0.3504380776 2.385532e-01 -0.3188628891 -0.3101433
## FALSE_3522 -0.4506018761 -5.887046e-01 -0.3188628891 0.6917509
## FALSE_3523 0.5287773786 -1.285620e-01 -0.3188628891 1.6936451
## FALSE_3524 -0.2959630417 -4.802657e-01 -0.3188628891 2.6955393
## FALSE_3525 0.3206592947 5.116458e-01 -0.3188628891 3.6974335
## FALSE_3526 -0.4506018761 -2.614741e-01 -0.3188628891 4.6993277
## FALSE_3527 -0.1501105028 -3.453074e-01 -0.3188628891 2.6955393
## FALSE_3528 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3529 0.0390877513 -7.648117e-02 -0.3188628891 0.6917509
## TRUE_3530 -0.4506018761 -6.204022e-01 2.7031315032 -0.3101433
## TRUE_3531 -0.4506018761 -8.231571e-01 2.5883417749 -0.3101433

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## FALSE_3532 -0.1959632575 1.015093e-01 -0.3188628891 3.6974335
## FALSE_3533 -0.1445458535 -4.742413e-01 -0.3188628891 -0.3101433
## FALSE_3534 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3535 -0.3036949791 -7.679542e-01 -0.3188628891 3.6974335
## FALSE_3536 -0.4506018761 -7.775691e-01 -0.3188628891 2.6955393
## TRUE_3537 -0.4506018761 -3.985194e-01 0.1980973112 1.6936451
## FALSE_3538 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3539 -0.0833346446 2.102137e-01 -0.3188628891 2.6955393
## FALSE_3540 -0.4506018761 -3.065680e-01 -0.0963975966 -0.3101433
## FALSE_3541 -0.4506018761 -7.535318e-01 -0.3188628891 2.6955393
## FALSE_3542 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## TRUE_3543 -0.4506018761 -6.814199e-01 0.7537150673 -0.3101433
## FALSE_3544 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_3545 -0.4506018761 -5.672427e-01 -0.3188628891 -0.3101433
## FALSE_3546 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3547 0.2839325649 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3548 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_3549 -0.4082248870 -4.624758e-01 0.0990306848 -0.3101433
## FALSE_3550 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## TRUE_3551 -0.4506018761 -8.613967e-01 1.9556764353 -0.3101433
## FALSE_3552 0.0390877513 -9.651226e-02 -0.3188628891 4.6993277
## FALSE_3553 0.3599188902 1.333025e-01 -0.3188628891 -0.3101433
## FALSE_3554 2.4875359100 2.323867e+00 -0.3188628891 -0.3101433
## FALSE_3555 1.7530014690 2.347280e+00 -0.3188628891 2.6955393
## FALSE_3556 0.1789990891 2.939742e-02 -0.3188628891 -0.3101433
## FALSE_3557 1.0184670280 1.986721e+00 -0.3188628891 4.6993277
## FALSE_3558 1.4382009974 1.095623e+00 -0.3188628891 -0.3101433
## FALSE_3559 -0.4506018761 -4.170096e-01 -0.3188628891 0.6917509
## FALSE_3560 -0.4506018761 -4.736098e-01 -0.3188628891 -0.3101433
## FALSE_3561 -0.0098812071 4.002586e-01 -0.3188628891 3.6974335
## TRUE_3562 -0.2057570624 -3.048355e-01 1.6391365222 -0.3101433
## FALSE_3563 1.1816968964 9.050420e-01 -0.3188628891 2.6955393
## FALSE_3564 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3565 0.0737427193 -2.217030e-01 -0.3188628891 3.6974335
## FALSE_3566 -0.0499467264 4.789262e-01 -0.3188628891 -0.3101433
## FALSE_3567 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3568 -0.3481086926 -4.030344e-01 -0.0911163059 -0.3101433
## FALSE_3569 -0.4506018761 -5.371961e-01 -0.3188628891 0.6917509
## FALSE_3570 0.0215988313 5.702367e-01 -0.3188628891 -0.3101433
## FALSE_3571 1.2633118416 1.025228e+00 -0.3188628891 -0.3101433
## FALSE_3572 -0.0098812071 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_3573 -0.4506018761 -3.241279e-02 -0.3188628891 2.6955393
## FALSE_3574 -0.2502743013 -3.339717e-01 -0.3188628891 4.6993277
## FALSE_3575 -0.4506018761 -8.565488e-01 -0.3188628891 -0.3101433
## FALSE_3576 0.4063549828 6.646689e-01 -0.3188628891 -0.3101433
## FALSE_3577 -0.4506018761 -8.100520e-01 4.0022774407 -0.3101433
## FALSE_3578 -0.1115859853 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_3579 -0.3602902560 -3.668196e-01 -0.1994348992 3.6974335
## FALSE_3580 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3581 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3582 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_3583 0.2839325649 -4.170096e-01 2.0935273033 -0.3101433
## FALSE_3584 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_3585 0.4197316043 7.034040e-02 -0.1933145903 -0.3101433

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## FALSE_3586 2.3039023052 2.888119e+00 -0.3188628891 3.6974335
## FALSE_3587 -0.2766331875 -2.904975e-01 -0.3188628891 3.6974335
## FALSE_3588 -0.3732824589 -4.992425e-01 -0.3188628891 -0.3101433
## FALSE_3589 -0.4506018761 -8.485884e-01 -0.3188628891 -0.3101433
## FALSE_3590 0.4567642163 5.656918e-01 -0.3188628891 1.6936451
## FALSE_3591 -0.3209781486 -2.585025e-01 -0.3188628891 4.6993277
## FALSE_3592 -0.1913544211 2.475511e-01 -0.3188628891 3.6974335
## FALSE_3593 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_3594 1.7530014690 1.806441e+00 -0.3188628891 3.6974335
## FALSE_3595 -0.4506018761 -6.148551e-01 0.5069168308 -0.3101433
## FALSE_3596 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_3597 -0.3689869308 -5.772583e-01 -0.3188628891 -0.3101433
## FALSE_3598 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## FALSE_3599 0.5987330585 5.788214e-01 -0.3188628891 -0.3101433
## FALSE_3600 0.2839325649 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3601 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_3602 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3603 -0.4506018761 -4.612888e-01 -0.3188628891 -0.3101433
## FALSE_3604 0.1789990891 1.162584e+00 -0.3188628891 -0.3101433
## FALSE_3605 0.5287773786 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3606 -0.3876417774 -7.403236e-01 -0.3188628891 -0.3101433
## FALSE_3607 -0.2669682713 -2.217065e-01 -0.3188628891 -0.3101433
## FALSE_3608 0.0609489068 -1.122510e-01 -0.3188628891 2.6955393
## FALSE_3609 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3610 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_3611 -0.4506018761 -4.142678e-02 2.0399067167 -0.3101433
## FALSE_3612 -0.4506018761 -8.522113e-01 -0.3188628891 -0.3101433
## FALSE_3613 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_3614 -0.4506018761 -8.408252e-01 -0.3188628891 -0.3101433
## FALSE_3615 -0.1861694747 3.617990e-01 -0.3188628891 -0.3101433
## FALSE_3616 0.1789990891 9.565505e-01 -0.3188628891 4.6993277
## FALSE_3617 1.7530014690 1.724495e+00 -0.3188628891 3.6974335
## FALSE_3618 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_3619 2.1937221380 1.986721e+00 -0.3188628891 4.6993277
## FALSE_3620 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## FALSE_3621 -0.4506018761 -5.999021e-01 -0.3188628891 -0.3101433
## FALSE_3622 -0.0268320071 8.495713e-01 -0.3188628891 3.6974335
## TRUE_3623 -0.4506018761 -6.917216e-01 0.2451235479 -0.3101433
## FALSE_3624 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3625 -0.4506018761 -8.268259e-01 -0.3188628891 0.6917509
## FALSE_3626 0.1789990891 3.384484e-01 -0.3188628891 2.6955393
## FALSE_3627 -0.3190434730 -6.384962e-01 0.3831135093 -0.3101433
## FALSE_3628 -0.0617306936 2.220998e-01 -0.3188628891 -0.3101433
## FALSE_3629 -0.4506018761 -6.866964e-01 -0.3188628891 -0.3101433
## FALSE_3630 1.5956012332 1.626161e+00 -0.3188628891 1.6936451
## FALSE_3631 -0.4506018761 -5.355191e-01 0.3638044920 -0.3101433
## FALSE_3632 -0.2743136085 -3.634408e-01 -0.3188628891 2.6955393
## FALSE_3633 -0.1466565970 -5.943883e-01 -0.0465713869 -0.3101433
## FALSE_3634 2.4875359100 2.707840e+00 -0.3188628891 2.6955393
## TRUE_3635 -0.2932016403 -2.575785e-01 0.2702703263 -0.3101433
## FALSE_3636 -0.4383596255 -6.899886e-01 -0.2428052829 1.6936451
## FALSE_3637 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3638 0.1180699634 -2.254866e-01 -0.3188628891 -0.3101433
## FALSE_3639 1.5897716005 1.574653e+00 -0.3188628891 1.6936451

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## FALSE_3640 1.0184670280 1.986721e+00 -0.3188628891 2.6955393
## FALSE_3641 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_3642 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_3643 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_3644 -0.1115859853 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3645 0.7298999254 6.217452e-01 -0.3188628891 -0.3101433
## FALSE_3646 -0.1751514579 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_3647 -0.3012050395 -3.538608e-01 -0.3188628891 2.6955393
## FALSE_3648 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_3649 -0.4506018761 -5.371961e-01 0.4845522337 1.6936451
## FALSE_3650 -0.4506018761 -7.317272e-01 -0.0108631311 -0.3101433
## FALSE_3651 -0.2407348803 -3.139926e-01 -0.3188628891 -0.3101433
## FALSE_3652 0.0390877513 6.373641e-02 -0.3188628891 2.6955393
## FALSE_3653 0.5287773786 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3654 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_3655 -0.4506018761 -6.527302e-01 -0.3188628891 -0.3101433
## FALSE_3656 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## FALSE_3657 0.0906340441 5.351173e-01 -0.3188628891 4.6993277
## FALSE_3658 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_3659 -0.4506018761 -3.241279e-02 -0.3188628891 0.6917509
## FALSE_3660 -0.0299139667 5.299768e-02 0.1405123366 -0.3101433
## TRUE_3661 -0.4506018761 -3.569164e-01 2.4153848745 -0.3101433
## FALSE_3662 0.3189104049 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_3663 -0.0082243618 -1.677807e-01 -0.3188628891 0.6917509
## FALSE_3664 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_3665 -0.1751514579 -1.405806e-01 -0.3188628891 -0.3101433
## FALSE_3666 -0.0098812071 7.943425e-02 0.2794003802 -0.3101433
## FALSE_3667 -0.1115859853 -2.653897e-01 -0.3188628891 -0.3101433
## FALSE_3668 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3669 -0.4506018761 3.041094e-01 -0.3188628891 4.6993277
## FALSE_3670 -0.2168863611 1.030702e-01 -0.3188628891 3.6974335
## FALSE_3671 -0.0714873237 -3.976415e-01 -0.3188628891 -0.3101433
## FALSE_3672 -0.0499467264 6.755950e-01 -0.3188628891 3.6974335
## FALSE_3673 -0.1567881041 -3.929723e-01 -0.3188628891 4.6993277
## FALSE_3674 0.1002989602 1.839229e-01 -0.3188628891 2.6955393
## FALSE_3675 -0.4506018761 -5.720890e-01 -0.3188628891 -0.3101433
## FALSE_3676 0.8086000322 1.420127e+00 -0.3188628891 3.6974335
## FALSE_3677 -0.4312720218 -4.897541e-01 -0.3188628891 -0.3101433
## FALSE_3678 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_3679 -0.2186436246 -1.690459e-01 -0.3188628891 -0.3101433
## FALSE_3680 -0.0833346446 -1.889180e-02 -0.3188628891 -0.3101433
## FALSE_3681 -0.2057570624 7.848555e-01 -0.3188628891 -0.3101433
## FALSE_3682 0.2839325649 3.487501e-01 -0.3188628891 -0.3101433
## FALSE_3683 0.0053160536 -4.750307e-01 -0.3188628891 -0.3101433
## FALSE_3684 0.4937995607 4.414654e-01 -0.3188628891 -0.3101433
## FALSE_3685 -0.1358014045 -2.211110e-02 -0.3188628891 2.6955393
## FALSE_3686 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## TRUE_3687 -0.4506018761 -6.505148e-01 4.6591957727 -0.3101433
## FALSE_3688 0.1789990891 6.474994e-01 -0.3188628891 3.6974335
## FALSE_3689 1.5431344732 1.729178e+00 -0.3188628891 2.6955393
## FALSE_3690 -0.2427147739 -4.377588e-01 -0.3188628891 -0.3101433
## FALSE_3691 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_3692 1.0184670280 1.986721e+00 -0.3188628891 2.6955393
## FALSE_3693 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433

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## FALSE_3694 -0.0617306936 -1.130084e-01 -0.3188628891 -0.3101433
## FALSE_3695 -0.2407348803 -5.493690e-02 0.1148606310 -0.3101433
## FALSE_3696 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_3697 -0.4506018761 -4.921262e-01 -0.3188628891 3.6974335
## FALSE_3698 -0.2359651809 -4.852869e-01 0.5617819217 -0.3101433
## FALSE_3699 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_3700 -0.4506018761 -7.272447e-01 -0.3188628891 -0.3101433
## FALSE_3701 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3702 -0.3170501595 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3703 -0.1751514579 -6.318430e-01 -0.3188628891 -0.3101433
## FALSE_3704 -0.4506018761 -4.423120e-01 -0.3188628891 4.6993277
## FALSE_3705 -0.4490395213 -7.702583e-01 -0.3188628891 -0.3101433
## FALSE_3706 0.5074865377 5.758354e-01 -0.3188628891 -0.3101433
## FALSE_3707 0.7036665344 1.471636e+00 -0.3188628891 -0.3101433
## FALSE_3708 0.6511997965 1.265601e+00 -0.3188628891 1.6936451
## FALSE_3709 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_3710 -0.3084339162 -6.651366e-01 1.6977727801 -0.3101433
## FALSE_3711 -0.3820960790 -6.572209e-01 0.2603406387 -0.3101433
## FALSE_3712 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3713 0.1462073559 1.265715e-02 0.3596218525 -0.3101433
## FALSE_3714 -0.1481465193 -4.099398e-01 0.7059737152 -0.3101433
## FALSE_3715 -0.4506018761 -3.149893e-01 -0.3188628891 3.6974335
## FALSE_3716 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3717 -0.1115859853 -2.875780e-01 -0.3188628891 -0.3101433
## TRUE_3718 -0.2932016403 -2.796536e-01 0.5769532715 -0.3101433
## FALSE_3719 -0.4506018761 -6.155786e-01 -0.3188628891 -0.3101433
## FALSE_3720 -0.2669682713 -3.268697e-01 -0.3188628891 1.6936451
## FALSE_3721 3.0751634760 2.996287e+00 -0.3188628891 1.6936451
## FALSE_3722 -0.4506018761 -3.569164e-01 -0.3188628891 3.6974335
## FALSE_3723 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_3724 -0.4506018761 -5.887046e-01 2.8977288616 -0.3101433
## TRUE_3725 -0.0673665194 -4.509754e-01 0.0613863353 -0.3101433
## FALSE_3726 -0.4506018761 -4.170096e-01 -0.3188628891 0.6917509
## FALSE_3727 -0.2102087819 -5.195464e-01 -0.3188628891 -0.3101433
## FALSE_3728 -0.4506018761 -8.054524e-01 -0.3188628891 -0.3101433
## FALSE_3729 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3730 0.4150994318 1.111076e+00 -0.3188628891 -0.3101433
## FALSE_3731 2.6974029057 2.501806e+00 -0.3188628891 2.6955393
## FALSE_3732 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3733 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_3734 -0.3599473092 -6.072425e-01 0.4725295625 -0.3101433
## FALSE_3735 0.4308394619 6.887062e-01 -0.3188628891 -0.3101433
## FALSE_3736 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3737 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3738 0.1789990891 3.899569e-01 -0.3188628891 3.6974335
## FALSE_3739 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_3740 1.0184670280 7.047311e-01 -0.3188628891 1.6936451
## FALSE_3741 -0.0776843852 -5.963649e-01 -0.3188628891 0.6917509
## FALSE_3742 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## TRUE_3743 -0.4506018761 -5.044180e-01 3.5840723704 1.6936451
## FALSE_3744 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_3745 -0.4506018761 -5.887046e-01 0.4615464486 -0.3101433
## FALSE_3746 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_3747 0.0331159421 -2.438489e-01 0.2812927199 -0.3101433

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## FALSE_3748 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_3749 -0.0673665194 -6.690109e-02 -0.3188628891 -0.3101433
## FALSE_3750 -0.2302415416 -6.846875e-02 -0.3188628891 2.6955393
## FALSE_3751 -0.3674470308 -6.528473e-01 -0.3188628891 -0.3101433
## FALSE_3752 -0.2999281395 -4.212568e-01 -0.3188628891 1.6936451
## FALSE_3753 0.5488748802 3.806941e-01 -0.1904459832 -0.3101433
## FALSE_3754 -0.1095680355 -1.991716e-01 -0.3188628891 -0.3101433
## FALSE_3755 -0.3587850627 -3.118464e-01 -0.3188628891 3.6974335
## FALSE_3756 -0.2743136085 -5.516185e-01 -0.3188628891 -0.3101433
## FALSE_3757 -0.4506018761 -8.415645e-01 0.3976864195 -0.3101433
## FALSE_3758 -0.3003561894 -5.592043e-01 1.1671458764 -0.3101433
## FALSE_3759 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_3760 -0.4506018761 -7.710135e-01 -0.3188628891 -0.3101433
## FALSE_3761 -0.2589841977 -5.215196e-01 3.1305727619 -0.3101433
## FALSE_3762 2.6974029057 2.450297e+00 -0.3188628891 3.6974335
## TRUE_3763 -0.4506018761 -6.248998e-01 5.1694099374 -0.3101433
## FALSE_3764 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3765 0.3757493783 6.346223e-01 -0.3188628891 2.6955393
## FALSE_3766 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3767 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_3768 -0.4506018761 -8.710475e-01 -0.3188628891 -0.3101433
## FALSE_3769 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_3770 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
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## FALSE_3772 -0.1785520807 -3.502393e-01 -0.3188628891 2.6955393
## FALSE_3773 -0.4506018761 -4.921262e-01 -0.3188628891 -0.3101433
## FALSE_3774 -0.2186436246 8.524347e-02 -0.3188628891 3.6974335
## FALSE_3775 -0.4506018761 -2.567609e-01 -0.3188628891 -0.3101433
## FALSE_3776 -0.3561617390 -4.154153e-01 -0.3188628891 3.6974335
## FALSE_3777 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3778 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_3779 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_3780 -0.4506018761 -8.659416e-01 -0.3188628891 -0.3101433
## FALSE_3781 -0.4506018761 -7.581842e-01 -0.3188628891 -0.3101433
## FALSE_3782 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_3783 -0.1445458535 -3.641900e-02 -0.3188628891 3.6974335
## FALSE_3784 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3785 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3786 -0.4506018761 -4.921262e-01 -0.3188628891 0.6917509
## FALSE_3787 0.1002989602 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_3788 -0.2057570624 8.650933e-03 -0.3188628891 4.6993277
## FALSE_3789 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_3790 0.1789990891 9.565505e-01 -0.3188628891 2.6955393
## FALSE_3791 -0.4506018761 1.265601e+00 -0.3188628891 1.6936451
## FALSE_3792 -0.4506018761 -4.013202e-01 0.3997857288 -0.3101433
## FALSE_3793 0.4063549828 8.004745e-02 0.6818759925 -0.3101433
## FALSE_3794 -0.0499467264 -4.060836e-01 -0.3188628891 2.6955393
## FALSE_3795 -0.4506018761 -2.795331e-01 0.1585511083 -0.3101433
## FALSE_3796 -0.4119421675 -7.725086e-01 -0.3188628891 4.6993277
## FALSE_3797 2.8548031415 3.068399e+00 -0.3188628891 2.6955393
## FALSE_3798 -0.2986292255 -2.450186e-01 -0.3188628891 -0.3101433
## FALSE_3799 -0.1073448642 -4.832749e-01 0.1712164453 -0.3101433
## FALSE_3800 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3801 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433

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## FALSE_3802 -0.4506018761 6.646689e-01 -0.3188628891 -0.3101433
## FALSE_3803 -0.4506018761 -3.769474e-01 -0.3188628891 3.6974335
## FALSE_3804 0.5863879437 7.565763e-01 -0.3188628891 3.6974335
## FALSE_3805 -0.3658478979 -1.419674e-01 -0.3188628891 -0.3101433
## FALSE_3806 -0.2302415416 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_3807 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3808 -0.3554823020 -4.910857e-01 -0.3188628891 3.6974335
## FALSE_3809 -0.2707158955 -3.370488e-01 -0.0250471521 2.6955393
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## FALSE_3811 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_3812 -0.1358014045 2.939742e-02 -0.3188628891 0.6917509
## FALSE_3813 -0.3281794582 -2.187019e-01 -0.3188628891 -0.3101433
## FALSE_3814 -0.4506018761 -7.085407e-01 -0.3188628891 0.6917509
## TRUE_3815 -0.4506018761 -6.093080e-01 0.7420382907 -0.3101433
## FALSE_3816 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_3817 0.2708158805 4.697951e-01 -0.3188628891 3.6974335
## FALSE_3818 -0.1241421172 -5.359821e-01 0.0622801844 -0.3101433
## FALSE_3819 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_3820 -0.1213278072 -5.313459e-02 -0.3188628891 4.6993277
## FALSE_3821 -0.1861694747 -3.473014e-01 -0.3188628891 2.6955393
## TRUE_3822 -0.4506018761 -5.690102e-01 0.2107823407 -0.3101433
## FALSE_3823 -0.2302415416 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_3824 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_3825 -0.4506018761 -5.371961e-01 -0.3188628891 3.6974335
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## FALSE_3830 -0.2203746652 -2.315406e-01 0.3481936947 -0.3101433
## FALSE_3831 0.4024058612 6.142682e-01 -0.3188628891 2.6955393
## FALSE_3832 -0.1751514579 1.163180e-01 -0.3188628891 -0.3101433
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## FALSE_3835 -0.2669682713 -3.622992e-01 -0.1942935712 0.6917509
## FALSE_3836 -0.4506018761 -8.649671e-02 -0.3188628891 1.6936451
## FALSE_3837 -0.3481086926 -7.468237e-01 -0.3188628891 3.6974335
## FALSE_3838 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_3839 -0.3857900234 -6.496059e-01 -0.3188628891 -0.3101433
## TRUE_3840 -0.4506018761 -7.174759e-01 2.1269061185 -0.3101433
## TRUE_3841 -0.4506018761 -5.498751e-01 -0.1083477084 -0.3101433
## FALSE_3842 -0.3428344121 -6.328244e-01 -0.2230526018 -0.3101433
## TRUE_3843 -0.2847392525 -4.813675e-01 0.1168683760 -0.3101433
## TRUE_3844 -0.4506018761 -6.573826e-01 5.9000527481 -0.3101433
## FALSE_3845 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_3846 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_3847 0.2839325649 -1.638791e-02 -0.3188628891 -0.3101433
## FALSE_3848 0.1789990891 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_3849 0.5462662986 8.020250e-01 -0.3188628891 3.6974335
## FALSE_3850 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_3851 -0.4506018761 -7.299090e-01 -0.3188628891 -0.3101433
## FALSE_3852 0.7513635949 6.755950e-01 -0.3188628891 3.6974335
## FALSE_3853 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_3854 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3855 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433

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## FALSE_3856 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
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## FALSE_3858 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3859 -0.4506018761 2.939742e-02 -0.3188628891 1.6936451
## FALSE_3860 -0.4506018761 -3.263028e-01 -0.3188628891 1.6936451
## FALSE_3861 -0.3893906671 -7.589688e-01 -0.3188628891 -0.3101433
## TRUE_3862 -0.4506018761 -5.564693e-01 -0.1688638711 1.6936451
## FALSE_3863 0.1921157736 -5.068633e-01 -0.3188628891 4.6993277
## FALSE_3864 -0.3587850627 -3.869630e-01 -0.3188628891 -0.3101433
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## FALSE_3867 -0.3381731299 -4.336886e-01 -0.3188628891 -0.3101433
## FALSE_3868 -0.4506018761 -7.313435e-01 -0.0897524341 -0.3101433
## FALSE_3869 -0.3732824589 -5.381693e-01 -0.1692360532 -0.3101433
## FALSE_3870 1.7530014690 1.505975e+00 -0.3188628891 -0.3101433
## FALSE_3871 -0.4506018761 8.329301e-01 -0.3188628891 4.6993277
## FALSE_3872 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## FALSE_3873 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3874 -0.2355642573 -2.519523e-01 0.3654661656 4.6993277
## FALSE_3875 -0.3759034468 -5.644927e-01 -0.3188628891 1.6936451
## FALSE_3876 1.3122808000 1.217527e+00 -0.3188628891 3.6974335
## FALSE_3877 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3878 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_3879 -0.4506018761 -5.649315e-01 1.3840444491 -0.3101433
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## FALSE_3882 -0.4367427315 -6.905507e-01 -0.3188628891 -0.3101433
## FALSE_3883 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_3884 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_3885 0.2839325649 2.707840e+00 -0.3188628891 4.6993277
## FALSE_3886 0.0767561909 -4.192204e-02 -0.3188628891 3.6974335
## FALSE_3887 -0.1115859853 -3.985194e-01 -0.3188628891 -0.3101433
## FALSE_3888 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_3889 -0.4506018761 -7.432301e-01 1.9809547118 -0.3101433
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## FALSE_3891 -0.2810939197 -3.707840e-01 -0.3188628891 -0.3101433
## TRUE_3892 -0.4506018761 -7.596690e-01 5.4301766896 -0.3101433
## FALSE_3893 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3894 -0.3624577423 2.271901e-01 -0.3188628891 -0.3101433
## FALSE_3895 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_3896 -0.4506018761 -4.170096e-01 1.8492199951 -0.3101433
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## FALSE_3899 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
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## FALSE_3902 -0.3281794582 -1.438482e-02 -0.3188628891 -0.3101433
## TRUE_3903 -0.4506018761 -5.887046e-01 0.8386983350 3.6974335
## FALSE_3904 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3905 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3906 -0.3641860504 -4.620543e-01 -0.3188628891 -0.3101433
## FALSE_3907 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3908 -0.4506018761 3.642027e-01 -0.3188628891 1.6936451
## FALSE_3909 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433

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## FALSE_3910 -0.1358014045 7.093097e-01 -0.3188628891 -0.3101433
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## TRUE_3912 -0.2226429002 -4.998968e-01 0.6060225851 -0.3101433
## FALSE_3913 2.0678019405 1.780687e+00 -0.3188628891 1.6936451
## TRUE_3914 -0.4506018761 -8.737183e-01 2.3014679383 -0.3101433
## FALSE_3915 -0.4506018761 -3.569164e-01 -0.3188628891 1.6936451
## FALSE_3916 0.0390877513 -4.170096e-01 -0.3188628891 2.6955393
## FALSE_3917 -0.0499467264 8.558850e-02 -0.3188628891 0.6917509
## FALSE_3918 0.4308394619 4.723705e-01 -0.3188628891 2.6955393
## FALSE_3919 0.4937995607 9.050420e-01 -0.3188628891 2.6955393
## FALSE_3920 -0.4506018761 -3.208604e-01 -0.3188628891 0.6917509
## FALSE_3921 -0.4506018761 -6.490939e-01 -0.3188628891 -0.3101433
## FALSE_3922 -0.2302415416 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_3923 -0.0833346446 -4.170096e-01 2.2364619139 -0.3101433
## FALSE_3924 -0.1162620536 9.056176e-02 -0.3188628891 -0.3101433
## FALSE_3925 -0.4506018761 -6.273360e-01 -0.3188628891 1.6936451
## FALSE_3926 -0.4506018761 -4.233352e-01 -0.3188628891 -0.3101433
## FALSE_3927 -0.4506018761 7.247622e-01 -0.3188628891 2.6955393
## FALSE_3928 0.6022308381 1.025228e+00 -0.3188628891 -0.3101433
## FALSE_3929 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3930 2.9772255594 2.467467e+00 -0.3188628891 -0.3101433
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## FALSE_3933 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_3934 0.0133146269 7.006202e-02 -0.3188628891 3.6974335
## FALSE_3935 -0.4506018761 -6.906650e-01 -0.3188628891 -0.3101433
## FALSE_3936 -0.4506018761 -6.814199e-01 -0.3188628891 0.6917509
## FALSE_3937 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3938 -0.3547930369 -4.494077e-01 -0.3188628891 -0.3101433
## FALSE_3939 -0.2669682713 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_3940 -0.2777702468 -3.569164e-01 -0.3188628891 -0.3101433
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## FALSE_3942 -0.1115859853 -6.758729e-01 -0.3188628891 2.6955393
## FALSE_3943 -0.4506018761 -6.800845e-01 -0.3188628891 -0.3101433
## FALSE_3944 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_3945 -0.4506018761 -7.049458e-01 -0.3188628891 3.6974335
## FALSE_3946 -0.4506018761 5.444825e-01 -0.3188628891 0.6917509
## TRUE_3947 -0.4506018761 -5.649315e-01 4.9432964964 -0.3101433
## FALSE_3948 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_3949 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
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## FALSE_3953 -0.4506018761 1.265601e+00 -0.3188628891 2.6955393
## FALSE_3954 -0.4506018761 -9.785888e-02 -0.3188628891 -0.3101433
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## TRUE_3957 -0.4506018761 -7.174759e-01 5.4689432316 -0.3101433
## FALSE_3958 -0.3036949791 -4.650842e-01 -0.3188628891 2.6955393
## FALSE_3959 -0.3555444877 -4.371585e-01 -0.3188628891 4.6993277
## FALSE_3960 -0.4506018761 5.444825e-01 -0.3188628891 0.6917509
## FALSE_3961 -0.4506018761 -5.556863e-01 -0.3188628891 -0.3101433
## FALSE_3962 -0.4506018761 5.444825e-01 -0.3188628891 3.6974335
## FALSE_3963 0.2839325649 -1.766366e-01 -0.3188628891 0.6917509

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## FALSE_3964 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_3965 -0.4506018761 -7.485586e-01 -0.3188628891 -0.3101433
## FALSE_3966 -0.4506018761 -5.804633e-01 0.2212722937 -0.3101433
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## FALSE_3973 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_3974 -0.4506018761 -5.923405e-01 -0.3188628891 -0.3101433
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## FALSE_3977 -0.2777702468 -5.584055e-01 -0.3188628891 -0.3101433
## FALSE_3978 -0.4506018761 1.265601e+00 -0.3188628891 4.6993277
## FALSE_3979 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_3980 -0.3587850627 -4.771029e-01 -0.3188628891 -0.3101433
## FALSE_3981 0.4308394619 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_3982 -0.3893906671 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_3983 -0.2810939197 -1.905043e-01 -0.3188628891 4.6993277
## FALSE_3984 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3985 -0.4506018761 -3.569164e-01 -0.3188628891 2.6955393
## FALSE_3986 0.9902156872 9.743803e-01 -0.3188628891 3.6974335
## FALSE_3987 -0.4506018761 -5.488271e-01 -0.3188628891 -0.3101433
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## FALSE_3989 -0.0098812071 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_3990 -0.3346227503 -1.576598e-01 -0.3188628891 2.6955393
## FALSE_3991 -0.2057570624 -1.422976e-01 -0.3188628891 -0.3101433
## FALSE_3992 0.3757493783 -1.495946e-01 -0.3188628891 2.6955393
## TRUE_3993 -0.4506018761 -7.432301e-01 0.8755126979 -0.3101433
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## TRUE_3995 -0.4506018761 -2.796536e-01 2.5484750007 -0.3101433
## FALSE_3996 -0.4506018761 1.839229e-01 -0.3188628891 3.6974335
## FALSE_3997 -0.3385542431 -3.477496e-01 -0.3188628891 1.6936451
## FALSE_3998 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_3999 1.0184670280 1.626161e+00 -0.3188628891 -0.3101433
## FALSE_4000 0.0133146269 -1.576598e-01 -0.3188628891 -0.3101433
## FALSE_4001 -0.2986292255 -5.147299e-01 -0.2727231932 -0.3101433
## FALSE_4002 -0.3084339162 -6.186128e-01 -0.3188628891 -0.3101433
## FALSE_4003 0.5287773786 4.643581e-01 -0.3188628891 -0.3101433
## FALSE_4004 -0.2743136085 1.085436e-02 -0.3188628891 -0.3101433
## FALSE_4005 -0.3830584807 -6.046900e-01 -0.3188628891 -0.3101433
## FALSE_4006 -0.1668927933 -1.640322e-01 -0.3188628891 -0.3101433
## FALSE_4007 -0.4506018761 -8.608864e-01 0.1676395155 -0.3101433
## FALSE_4008 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4009 -0.4506018761 -8.218484e-01 -0.3188628891 4.6993277
## FALSE_4010 -0.4506018761 -8.415645e-01 -0.0499410234 -0.3101433
## FALSE_4011 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## FALSE_4012 -0.4506018761 -7.068712e-01 -0.3188628891 2.6955393
## TRUE_4013 -0.3910450224 -6.530206e-01 0.0343895356 -0.3101433
## TRUE_4014 -0.4506018761 -8.616997e-01 8.9826891042 -0.3101433
## TRUE_4015 -0.2538515869 -4.583237e-01 2.4066581241 -0.3101433
## FALSE_4016 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_4017 -0.2617215799 -1.972400e-01 0.3082222113 -0.3101433

```



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## FALSE_4018 1.3122808000 1.121378e+00 -0.3188628891 3.6974335
## FALSE_4019 0.3271404888 -6.961517e-03 -0.3188628891 -0.3101433
## FALSE_4020 -0.3587850627 -2.607672e-01 0.9898893240 -0.3101433
## FALSE_4021 0.0390877513 -2.607672e-01 -0.3188628891 0.6917509
## FALSE_4022 -0.3948144401 -6.764246e-01 -0.3188628891 -0.3101433
## FALSE_4023 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4024 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_4025 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_4026 -0.4506018761 -8.376624e-01 -0.3188628891 -0.3101433
## FALSE_4027 -0.3036949791 -6.093080e-01 -0.3188628891 3.6974335
## FALSE_4028 -0.1631753586 -5.215196e-01 -0.3188628891 -0.3101433
## FALSE_4029 0.0133146269 -1.386830e-01 -0.3188628891 -0.3101433
## FALSE_4030 0.1002989602 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4031 0.0390877513 -5.772583e-01 -0.3188628891 -0.3101433
## FALSE_4032 -0.4506018761 2.271901e-01 -0.3188628891 -0.3101433
## FALSE_4033 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4034 -0.2407348803 -5.474978e-01 -0.3188628891 -0.3101433
## FALSE_4035 0.1789990891 8.020250e-01 -0.3188628891 3.6974335
## FALSE_4036 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4037 0.1076442973 4.843892e-01 -0.3188628891 3.6974335
## FALSE_4038 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_4039 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_4040 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_4041 -0.4506018761 -5.044180e-01 0.7861696587 -0.3101433
## FALSE_4042 0.7981066935 1.059567e+00 0.2386625224 4.6993277
## FALSE_4043 -0.4506018761 -4.180547e-01 -0.3188628891 -0.3101433
## FALSE_4044 -0.4506018761 -6.739601e-01 -0.3188628891 -0.3101433
## FALSE_4045 -0.3658478979 -3.153133e-01 -0.3188628891 1.6936451
## FALSE_4046 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4047 -0.1115859853 4.524620e-02 -0.3188628891 -0.3101433
## FALSE_4048 1.0184670280 6.406317e-01 -0.3188628891 0.6917509
## FALSE_4049 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4050 -0.4506018761 -6.469316e-01 -0.3188628891 -0.3101433
## FALSE_4051 -0.4506018761 -5.845839e-01 -0.3188628891 -0.3101433
## FALSE_4052 -0.4506018761 -6.622882e-01 -0.3188628891 -0.3101433
## FALSE_4053 -0.2100216739 -4.196082e-01 -0.3188628891 1.6936451
## FALSE_4054 -0.1521972491 -1.589436e-01 -0.2686215165 1.6936451
## FALSE_4055 -0.1751514579 -3.208604e-01 -0.3188628891 1.6936451
## FALSE_4056 -0.4506018761 -8.076158e-01 -0.3188628891 2.6955393
## TRUE_4057 -0.4506018761 -7.289831e-01 3.5131848138 -0.3101433
## FALSE_4058 -0.0617306936 -2.286857e-02 -0.3188628891 1.6936451
## FALSE_4059 -0.4387545553 -7.116973e-01 -0.3188628891 -0.3101433
## FALSE_4060 -0.3478697779 -5.813414e-01 -0.1393193044 -0.3101433
## FALSE_4061 -0.1567881041 2.440162e-01 -0.3188628891 4.6993277
## FALSE_4062 -0.4506018761 1.986721e+00 -0.3188628891 1.6936451
## FALSE_4063 0.1881237258 -3.397469e-01 1.0936875376 1.6936451
## FALSE_4064 -0.4506018761 -6.273360e-01 -0.3188628891 3.6974335
## FALSE_4065 -0.3806462182 -6.173205e-01 -0.3188628891 -0.3101433
## FALSE_4066 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_4067 -0.4506018761 -3.569164e-01 2.1203107863 3.6974335
## FALSE_4068 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_4069 -0.4506018761 -4.650842e-01 1.4174789471 -0.3101433
## FALSE_4070 -0.4506018761 -2.126925e-01 -0.3188628891 -0.3101433
## FALSE_4071 -0.0980253409 -3.241279e-02 -0.3188628891 0.6917509

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## TRUE_4072    -0.4506018761 -4.650842e-01  2.0612477102 -0.3101433
## FALSE_4073    0.6511997965  2.347280e+00 -0.3188628891 -0.3101433
## FALSE_4074   -0.3145769673 -5.505502e-01 -0.3188628891 -0.3101433
## TRUE_4075    -0.4506018761 -7.591314e-01  0.4774731993 -0.3101433
## FALSE_4076   -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4077   -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_4078   -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_4079    -0.4506018761 -7.313435e-01  1.1070982436  0.6917509
## FALSE_4080    0.0390877513  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4081    3.9566048140  3.428959e+00 -0.3188628891  0.6917509
## FALSE_4082    0.0133146269  2.028997e-01 -0.3188628891  2.6955393
## FALSE_4083    1.0184670280  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4084   -0.1241421172 -1.789259e-01 -0.3188628891  2.6955393
## FALSE_4085    0.9266502146  9.501119e-01 -0.3188628891 -0.3101433
## FALSE_4086   -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_4087    3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4088   -0.0833346446 -7.147341e-02 -0.3188628891 -0.3101433
## FALSE_4089   -0.4506018761  1.839229e-01 -0.3188628891  0.6917509
## FALSE_4090    1.0184670280  9.050420e-01 -0.3188628891  0.6917509
## FALSE_4091   -0.0725326691 -2.069357e-01 -0.3188628891  4.6993277
## TRUE_4092    -0.4506018761 -7.459411e-01  3.4355574562 -0.3101433
## FALSE_4093   -0.0833346446  2.905885e-01 -0.3188628891  4.6993277
## FALSE_4094   -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4095   -0.2573033332 -2.564711e-01 -0.3188628891  3.6974335
## FALSE_4096    0.3599188902  4.077185e-01 -0.3188628891 -0.3101433
## FALSE_4097    3.9566048140  3.428959e+00 -0.3188628891  3.6974335
## FALSE_4098   -0.3246816786 -4.836273e-01  0.5457240290 -0.3101433
## FALSE_4099   -0.4506018761 -8.507261e-01 -0.3188628891 -0.3101433
## FALSE_4100   -0.4506018761 -3.873386e-01 -0.3188628891  3.6974335
## FALSE_4101    1.0184670280  1.025228e+00 -0.3188628891  4.6993277
## FALSE_4102   -0.4065298092 -7.798012e-01 -0.3188628891 -0.3101433
## FALSE_4103    0.7736222143  5.745291e-01 -0.3188628891 -0.3101433
## FALSE_4104   -0.4506018761 -3.241279e-02 -0.3188628891  0.6917509
## TRUE_4105    -0.4506018761 -5.044180e-01  2.7173297096 -0.3101433
## FALSE_4106   -0.4506018761 -2.321073e-01 -0.3188628891  2.6955393
## FALSE_4107   -0.4156240361 -6.182743e-01 -0.0013495460 -0.3101433
## FALSE_4108   -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4109   -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## FALSE_4110   -0.2373499473  5.133008e-02 -0.3188628891  0.6917509
## FALSE_4111    2.8548031415  2.888119e+00 -0.3188628891  1.6936451
## FALSE_4112   -0.4506018761  4.002586e-01 -0.3188628891  2.6955393
## FALSE_4113   -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## FALSE_4114    3.9566048140  3.428959e+00 -0.3188628891  3.6974335
## FALSE_4115    0.3507084232  4.789262e-01 -0.3188628891  3.6974335
## FALSE_4116   -0.1751514579 -5.522194e-01 -0.3188628891 -0.3101433
## FALSE_4117   -0.3281794582 -4.568290e-01  0.1113264716  2.6955393
## FALSE_4118   -0.2407348803 -5.053099e-01 -0.3188628891  3.6974335
## FALSE_4119   -0.4506018761  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4120    3.4480809669  3.262547e+00 -0.3188628891  3.6974335
## FALSE_4121    0.0390877513  3.041094e-01 -0.3188628891 -0.3101433
## FALSE_4122    3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4123   -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_4124   -0.3084339162 -3.937477e-01  0.0244489707 -0.3101433
## FALSE_4125   -0.0755204467 -4.703447e-01 -0.3188628891 -0.3101433

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## TRUE_4126 -0.4506018761 -7.704993e-01 3.0098400458 -0.3101433
## TRUE_4127 -0.4506018761 -5.699743e-01 2.3012534559 -0.3101433
## TRUE_4128 -0.4506018761 -8.321994e-01 2.7629267068 -0.3101433
## FALSE_4129 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4130 -0.1466565970 -1.588751e-01 -0.3188628891 1.6936451
## FALSE_4131 2.0678019405 2.192755e+00 -0.3188628891 3.6974335
## FALSE_4132 -0.4506018761 -4.884719e-01 0.1957556188 2.6955393
## FALSE_4133 -0.2777702468 -4.810184e-01 -0.3188628891 1.6936451
## FALSE_4134 -0.3122113330 -2.855487e-01 0.2417069283 4.6993277
## FALSE_4135 0.1789990891 -1.913533e-01 -0.3188628891 -0.3101433
## FALSE_4136 -0.3388248897 -4.508261e-01 -0.1834712317 0.6917509
## FALSE_4137 -0.4506018761 -8.222098e-01 3.9171634546 2.6955393
## FALSE_4138 -0.2302415416 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4139 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_4140 -0.3084339162 -6.186128e-01 -0.3188628891 -0.3101433
## FALSE_4141 -0.1751514579 -3.569164e-01 -0.3188628891 2.6955393
## FALSE_4142 -0.0617306936 -2.614741e-01 -0.3188628891 0.6917509
## FALSE_4143 -0.2302415416 -4.110003e-01 -0.3188628891 -0.3101433
## FALSE_4144 0.7246532339 9.350886e-01 -0.3188628891 -0.3101433
## FALSE_4145 -0.2502743013 -6.082154e-01 -0.3188628891 -0.3101433
## FALSE_4146 -0.4506018761 1.839229e-01 -0.3188628891 3.6974335
## FALSE_4147 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4148 -0.2057570624 3.642027e-01 -0.3188628891 -0.3101433
## FALSE_4149 0.0740655912 -2.441354e-01 -0.3188628891 -0.3101433
## FALSE_4150 -0.4506018761 -6.573826e-01 0.1425096202 -0.3101433
## FALSE_4151 0.3757493783 1.118110e-01 -0.3188628891 2.6955393
## FALSE_4152 -0.1265425684 5.666662e-02 -0.3188628891 -0.3101433
## FALSE_4153 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4154 -0.0098812071 1.839229e-01 -0.3188628891 3.6974335
## FALSE_4155 -0.3213238058 -4.746991e-01 -0.3188628891 -0.3101433
## FALSE_4156 1.0184670280 1.505975e+00 -0.3188628891 -0.3101433
## FALSE_4157 -0.4506018761 3.384484e-01 -0.3188628891 3.6974335
## FALSE_4158 0.0195001635 -1.622142e-01 -0.3188628891 3.6974335
## FALSE_4159 -0.4506018761 -2.247112e-01 0.7186025200 -0.3101433
## FALSE_4160 -0.4506018761 -6.027524e-01 -0.3188628891 -0.3101433
## FALSE_4161 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_4162 -0.4082248870 -3.749443e-01 -0.3188628891 4.6993277
## FALSE_4163 -0.4506018761 -4.983666e-01 0.4316520879 -0.3101433
## FALSE_4164 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_4165 -0.4506018761 -7.775691e-01 0.9316585589 -0.3101433
## FALSE_4166 -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433
## FALSE_4167 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4168 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4169 -0.4079061137 -5.803137e-01 -0.1374710517 1.6936451
## FALSE_4170 -0.4506018761 -5.044180e-01 -0.3188628891 1.6936451
## FALSE_4171 -0.0499467264 -3.623794e-01 -0.3188628891 4.6993277
## TRUE_4172 -0.4073939743 -3.962715e-01 -0.2023758445 3.6974335
## FALSE_4173 -0.2245912822 -5.760256e-01 -0.3188628891 -0.3101433
## TRUE_4174 -0.3084339162 -6.801884e-01 0.5958628062 3.6974335
## FALSE_4175 -0.1115859853 4.335411e-01 -0.3188628891 1.6936451
## FALSE_4176 -0.1918454280 -5.423650e-01 0.1087880995 -0.3101433
## FALSE_4177 -0.3771484386 -5.420036e-01 -0.3188628891 3.6974335
## FALSE_4178 -0.4506018761 -1.766366e-01 -0.3188628891 3.6974335
## FALSE_4179 0.1002989602 1.839229e-01 -0.3188628891 -0.3101433

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## FALSE_4180 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4181 -0.0658457466 -1.548886e-01 -0.3188628891 -0.3101433
## FALSE_4182 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4183 -0.3456683782 -3.826706e-01 -0.3188628891 2.6955393
## FALSE_4184 -0.1115859853 -1.489012e-01 -0.3188628891 3.6974335
## FALSE_4185 -0.4506018761 7.247622e-01 -0.3188628891 2.6955393
## FALSE_4186 -0.4122783492 -2.017190e-01 -0.3188628891 -0.3101433
## FALSE_4187 -0.4506018761 -6.626022e-01 0.1597865628 -0.3101433
## FALSE_4188 -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433
## TRUE_4189 -0.3893906671 -4.370407e-01 0.9476275637 -0.3101433
## FALSE_4190 -0.4506018761 -3.218887e-01 -0.3188628891 -0.3101433
## TRUE_4191 -0.4506018761 -8.659416e-01 2.5760053418 2.6955393
## FALSE_4192 -0.4506018761 -5.371961e-01 -0.3188628891 0.6917509
## FALSE_4193 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_4194 0.1002989602 4.871311e-02 -0.3188628891 -0.3101433
## FALSE_4195 -0.3870636400 -7.065667e-01 -0.3188628891 -0.3101433
## FALSE_4196 -0.4506018761 5.444825e-01 -0.3188628891 1.6936451
## FALSE_4197 1.3857342375 1.626161e+00 -0.3188628891 3.6974335
## FALSE_4198 0.1002989602 9.050420e-01 -0.3188628891 0.6917509
## FALSE_4199 -0.1127672269 -4.639388e-01 -0.3188628891 -0.3101433
## FALSE_4200 -0.4506018761 -1.766366e-01 -0.3188628891 4.6993277
## TRUE_4201 -0.3568315242 -6.215824e-01 0.7158820924 2.6955393
## FALSE_4202 -0.2392974478 -3.985700e-01 0.5750044833 -0.3101433
## FALSE_4203 -0.0833346446 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4204 -0.4506018761 -6.314963e-01 -0.3188628891 -0.3101433
## FALSE_4205 -0.3375965792 -6.091216e-01 0.3392866402 3.6974335
## FALSE_4206 -0.0833346446 -1.766366e-01 -0.3188628891 0.6917509
## FALSE_4207 -0.0008869135 3.913309e-02 -0.1450435503 2.6955393
## FALSE_4208 -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433
## FALSE_4209 0.6071277296 4.867929e-01 -0.3188628891 4.6993277
## FALSE_4210 -0.1899606200 -2.300282e-01 -0.0631159183 2.6955393
## FALSE_4211 -0.1812725832 -3.225773e-01 -0.3188628891 -0.3101433
## FALSE_4212 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## TRUE_4213 -0.4506018761 -6.917216e-01 0.6610150309 -0.3101433
## FALSE_4214 -0.1692908206 -1.889110e-01 -0.3188628891 -0.3101433
## FALSE_4215 -0.4506018761 -6.186128e-01 -0.3188628891 -0.3101433
## FALSE_4216 0.1789990891 3.384484e-01 -0.3188628891 3.6974335
## FALSE_4217 -0.0337039441 -5.580043e-02 -0.1545491228 -0.3101433
## FALSE_4218 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## TRUE_4219 -0.4506018761 -6.573826e-01 1.0274964205 -0.3101433
## FALSE_4220 -0.3234709088 -5.377295e-01 0.2234347568 -0.3101433
## FALSE_4221 -0.1882681424 7.991538e-02 0.7739058809 -0.3101433
## FALSE_4222 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4223 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## TRUE_4224 -0.4506018761 -5.044180e-01 2.3829712299 -0.3101433
## FALSE_4225 -0.4506018761 -7.868142e-01 -0.3188628891 1.6936451
## FALSE_4226 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_4227 -0.4506018761 -4.992425e-01 0.0464061913 -0.3101433
## FALSE_4228 -0.4506018761 -6.724059e-01 -0.3188628891 -0.3101433
## FALSE_4229 -0.1751514579 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4230 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4231 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4232 0.2839325649 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_4233 -0.4506018761 3.428959e+00 -0.3188628891 3.6974335

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## FALSE_4234 1.2021006327 1.445881e+00 -0.3188628891 -0.3101433
## TRUE_4235 -0.4506018761 -8.036966e-01 3.5580174282 -0.3101433
## FALSE_4236 1.4050640918 1.607184e+00 -0.3188628891 3.6974335
## FALSE_4237 -0.4506018761 -5.277077e-01 -0.3188628891 -0.3101433
## FALSE_4238 0.1789990891 2.096772e-01 -0.3188628891 -0.3101433
## FALSE_4239 -0.3194350092 -1.079586e-01 -0.3188628891 2.6955393
## FALSE_4240 2.9772255594 2.948213e+00 -0.3188628891 -0.3101433
## FALSE_4241 -0.3422279364 -6.454484e-01 0.1199730902 -0.3101433
## FALSE_4242 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_4243 -0.4506018761 -7.006796e-01 -0.3188628891 -0.3101433
## FALSE_4244 -0.3314881907 -4.371989e-01 1.1686671793 -0.3101433
## TRUE_4245 -0.2302415416 -4.650842e-01 2.6757718053 -0.3101433
## FALSE_4246 -0.4506018761 -2.321073e-01 -0.3188628891 4.6993277
## FALSE_4247 -0.4506018761 -5.948856e-01 -0.3188628891 3.6974335
## FALSE_4248 -0.0308679066 9.709432e-02 -0.3188628891 -0.3101433
## TRUE_4249 -0.4506018761 -6.432430e-01 1.7823134185 -0.3101433
## TRUE_4250 -0.4506018761 -7.010868e-01 0.6360125176 -0.3101433
## FALSE_4251 0.6511997965 1.179067e+00 -0.3188628891 4.6993277
## FALSE_4252 -0.4506018761 2.939742e-02 -0.3188628891 4.6993277
## FALSE_4253 0.5287773786 1.505975e+00 -0.3188628891 3.6974335
## FALSE_4254 -0.4506018761 -2.321073e-01 -0.3188628891 -0.3101433
## TRUE_4255 0.2171567067 5.444825e-01 0.9088535609 -0.3101433
## FALSE_4256 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4257 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## TRUE_4258 -0.3931165638 -6.655755e-01 -0.1387978098 -0.3101433
## FALSE_4259 0.1921157736 3.041094e-01 0.4953188008 2.6955393
## TRUE_4260 -0.3246816786 -3.723689e-01 0.0891560708 0.6917509
## FALSE_4261 0.6511997965 8.237128e-01 -0.3188628891 2.6955393
## FALSE_4262 -0.4506018761 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_4263 -0.4506018761 -6.131964e-01 -0.3188628891 0.6917509
## FALSE_4264 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4265 -0.4506018761 -2.217065e-01 -0.3188628891 -0.3101433
## FALSE_4266 -0.4506018761 -5.371961e-01 -0.3188628891 1.6936451
## FALSE_4267 -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## TRUE_4268 -0.3857900234 -2.051017e-01 0.5478245259 -0.3101433
## FALSE_4269 -0.4506018761 -3.689350e-01 -0.3188628891 -0.3101433
## FALSE_4270 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4271 -0.4238915372 -7.404206e-01 0.3841809954 -0.3101433
## FALSE_4272 0.1002989602 1.265601e+00 -0.3188628891 3.6974335
## FALSE_4273 -0.2024924681 -2.026163e-01 -0.3188628891 3.6974335
## FALSE_4274 -0.4506018761 -7.994212e-01 0.5679728678 -0.3101433
## FALSE_4275 -0.1567881041 -2.727858e-01 -0.3188628891 2.6955393
## FALSE_4276 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4277 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4278 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4279 -0.4506018761 -3.569164e-01 -0.3188628891 3.6974335
## FALSE_4280 0.4308394619 7.031286e-01 -0.3188628891 0.6917509
## TRUE_4281 -0.4506018761 -8.341275e-01 3.3474983422 -0.3101433
## FALSE_4282 0.1426759493 -9.897762e-02 -0.3188628891 0.6917509
## TRUE_4283 -0.4506018761 -4.930460e-01 0.4066603067 -0.3101433
## FALSE_4284 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4285 -0.4506018761 4.002586e-01 -0.3188628891 4.6993277
## FALSE_4286 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4287 -0.3975029905 -4.136514e-01 0.2092900480 -0.3101433

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## FALSE_4288 0.1002989602 4.871311e-02 -0.3188628891 -0.3101433
## FALSE_4289 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_4290 2.1937221380 2.563616e+00 -0.3188628891 2.6955393
## FALSE_4291 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4292 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4293 -0.4506018761 -5.703286e-01 0.1582313526 -0.3101433
## FALSE_4294 -0.3404217088 -5.693397e-01 0.1129231405 -0.3101433
## FALSE_4295 -0.4506018761 -7.346454e-01 -0.3188628891 -0.3101433
## FALSE_4296 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_4297 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4298 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_4299 -0.3108210577 -3.888721e-01 2.5806832624 -0.3101433
## FALSE_4300 -0.3372737072 -5.041558e-01 0.8481757994 -0.3101433
## TRUE_4301 -0.4506018761 -7.010868e-01 2.6286802565 -0.3101433
## FALSE_4302 -0.2547260207 -3.895384e-01 -0.3188628891 -0.3101433
## FALSE_4303 -0.4506018761 -8.350496e-01 -0.3188628891 -0.3101433
## FALSE_4304 0.0390877513 6.373641e-02 -0.3188628891 2.6955393
## FALSE_4305 1.4382009974 1.214093e+00 -0.3188628891 3.6974335
## FALSE_4306 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4307 0.4937995607 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4308 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_4309 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4310 1.1696947064 1.732208e+00 -0.3188628891 2.6955393
## TRUE_4311 -0.1606540617 -2.810091e-01 0.0647077441 -0.3101433
## FALSE_4312 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## TRUE_4313 -0.4005199879 -5.430884e-01 0.1138031071 -0.3101433
## FALSE_4314 -0.4506018761 -4.817254e-01 -0.3188628891 2.6955393
## FALSE_4315 -0.4506018761 -2.353039e-01 0.1692419553 -0.3101433
## FALSE_4316 2.1937221380 2.130944e+00 -0.3188628891 2.6955393
## FALSE_4317 2.8548031415 2.347280e+00 -0.3188628891 0.6917509
## FALSE_4318 -0.3826449525 -4.021878e-01 -0.3188628891 2.6955393
## FALSE_4319 -0.4506018761 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_4320 -0.4506018761 -5.732521e-01 -0.3188628891 -0.3101433
## FALSE_4321 -0.2816411625 -5.831254e-02 -0.1857020696 0.6917509
## FALSE_4322 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_4323 -0.3404217088 -6.381528e-01 -0.3188628891 -0.3101433
## FALSE_4324 -0.4506018761 -8.726909e-01 -0.3188628891 -0.3101433
## FALSE_4325 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4326 0.0390877513 -1.285620e-01 -0.3188628891 0.6917509
## FALSE_4327 -0.4506018761 2.408534e-01 -0.3188628891 -0.3101433
## FALSE_4328 -0.3246816786 -4.719520e-01 -0.3188628891 -0.3101433
## FALSE_4329 -0.4506018761 -5.993616e-01 -0.3188628891 0.6917509
## FALSE_4330 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4331 -0.2873720076 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_4332 -0.4506018761 -3.887304e-01 1.2108188978 -0.3101433
## FALSE_4333 -0.4506018761 -8.281740e-01 -0.3188628891 -0.3101433
## FALSE_4334 1.0184670280 1.265601e+00 -0.3188628891 3.6974335
## FALSE_4335 -0.4506018761 -7.361959e-02 -0.3188628891 2.6955393
## TRUE_4336 0.0390877513 6.373641e-02 1.1105427937 -0.3101433
## FALSE_4337 -0.2216719706 -6.967060e-02 -0.3188628891 -0.3101433
## FALSE_4338 -0.2788155921 -5.026356e-01 -0.3188628891 -0.3101433
## FALSE_4339 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4340 -0.4506018761 -6.573826e-01 0.6915634453 -0.3101433
## FALSE_4341 -0.3128766670 -3.897798e-01 -0.3188628891 2.6955393

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## FALSE_4342 -0.1913544211 -3.887304e-01 -0.3188628891 0.6917509
## FALSE_4343 -0.4506018761 -6.814199e-01 -0.3188628891 4.6993277
## FALSE_4344 3.9566048140 3.428959e+00 -0.3188628891 4.6993277
## FALSE_4345 -0.4506018761 -8.359454e-01 -0.3188628891 -0.3101433
## TRUE_4346 1.0571267366 7.722042e-01 0.0363706751 2.6955393
## FALSE_4347 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_4348 1.9978462826 1.265601e+00 -0.3188628891 0.6917509
## FALSE_4349 0.8860099955 8.423874e-01 -0.3188628891 4.6993277
## FALSE_4350 -0.4506018761 -4.627949e-01 -0.3188628891 -0.3101433
## FALSE_4351 -0.4506018761 -8.724532e-01 -0.3188628891 -0.3101433
## FALSE_4352 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_4353 -0.2110797781 -2.989133e-01 -0.3188628891 2.6955393
## FALSE_4354 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4355 -0.2810939197 -3.985194e-01 -0.3188628891 4.6993277
## FALSE_4356 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4357 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_4358 -0.2034687966 -5.270870e-01 0.5894949047 2.6955393
## FALSE_4359 0.4308394619 1.118110e-01 -0.3188628891 2.6955393
## FALSE_4360 -0.0833346446 -4.891215e-01 -0.3188628891 3.6974335
## FALSE_4361 0.0390877513 -4.309603e-02 -0.3188628891 2.6955393
## FALSE_4362 0.0579219711 -2.413524e-01 -0.3188628891 0.6917509
## FALSE_4363 -0.1115859853 2.587547e-02 -0.3188628891 -0.3101433
## FALSE_4364 0.4567642163 7.989951e-01 -0.3188628891 -0.3101433
## FALSE_4365 -0.4506018761 -4.170096e-01 -0.3188628891 0.6917509
## FALSE_4366 -0.4506018761 -1.495269e-01 -0.3188628891 -0.3101433
## FALSE_4367 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4368 -0.4506018761 -7.738133e-01 -0.3188628891 -0.3101433
## TRUE_4369 -0.4506018761 -5.577995e-01 2.8966441938 0.6917509
## FALSE_4370 0.5664458183 2.116583e-01 -0.3188628891 1.6936451
## FALSE_4371 -0.4506018761 -3.951575e-01 0.4713485707 0.6917509
## FALSE_4372 -0.3314881907 -2.377043e-01 0.1069666903 -0.3101433
## TRUE_4373 -0.3606588748 -6.328548e-01 -0.0433756352 -0.3101433
## TRUE_4374 0.1002989602 1.839229e-01 3.1070100112 -0.3101433
## FALSE_4375 -0.4291033015 -5.072961e-01 0.0312821572 -0.3101433
## FALSE_4376 -0.4506018761 -7.010868e-01 -0.3188628891 1.6936451
## FALSE_4377 -0.4506018761 1.324144e-01 0.2508635040 2.6955393
## FALSE_4378 0.6511997965 7.848555e-01 -0.3188628891 -0.3101433
## FALSE_4379 -0.1812725832 -5.244387e-02 -0.3188628891 -0.3101433
## TRUE_4380 -0.4506018761 -6.273360e-01 0.2034150298 -0.3101433
## FALSE_4381 -0.4176713158 -6.871874e-01 0.1566685493 -0.3101433
## TRUE_4382 -0.4506018761 -3.641275e-01 0.4143950581 -0.3101433
## FALSE_4383 -0.0098812071 1.566181e-02 -0.3188628891 3.6974335
## FALSE_4384 -0.3730557081 -5.064572e-01 0.3567083688 -0.3101433
## TRUE_4385 -0.4506018761 -2.796536e-01 1.1278205381 -0.3101433
## FALSE_4386 -0.4506018761 -1.285620e-01 -0.3188628891 -0.3101433
## TRUE_4387 -0.3246816786 -5.124720e-01 -0.1044877838 2.6955393
## FALSE_4388 0.4772311078 6.109013e-01 0.3327401237 -0.3101433
## FALSE_4389 0.5287773786 4.084374e-02 -0.3188628891 -0.3101433
## FALSE_4390 -0.4506018761 1.313157e-02 -0.3188628891 3.6974335
## FALSE_4391 -0.4506018761 -7.741352e-01 -0.3188628891 -0.3101433
## FALSE_4392 -0.4506018761 -2.487485e-01 -0.3188628891 2.6955393
## FALSE_4393 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4394 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4395 3.9566048140 3.428959e+00 -0.3188628891 3.6974335

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## TRUE_4396 -0.0833346446 -1.766366e-01 2.6562753600 -0.3101433
## FALSE_4397 0.0390877513 -2.727858e-01 -0.3188628891 2.6955393
## FALSE_4398 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_4399 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4400 0.5625490763 5.586917e-01 -0.3188628891 2.6955393
## FALSE_4401 -0.0350652421 8.365303e-02 -0.3188628891 3.6974335
## TRUE_4402 -0.4506018761 -2.968231e-01 1.7299479509 -0.3101433
## FALSE_4403 -0.3314881907 -4.251303e-01 -0.0144434573 1.6936451
## FALSE_4404 -0.1115859853 -1.211659e-01 -0.3188628891 -0.3101433
## FALSE_4405 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4406 -0.0374262489 -1.202992e-01 -0.3188628891 -0.3101433
## FALSE_4407 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4408 -0.3036949791 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_4409 0.1426759493 2.172054e-01 -0.3188628891 -0.3101433
## FALSE_4410 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_4411 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## TRUE_4412 -0.1861694747 -3.269899e-01 -0.0750179094 -0.3101433
## FALSE_4413 -0.4506018761 -1.045247e-01 -0.3188628891 2.6955393
## FALSE_4414 1.2633118416 6.646689e-01 -0.3188628891 2.6955393
## FALSE_4415 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4416 0.1002989602 9.378304e-02 -0.0376363174 1.6936451
## FALSE_4417 1.2021006327 1.445881e+00 -0.3188628891 2.6955393
## FALSE_4418 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4419 0.2380241693 1.839229e-01 -0.3188628891 3.6974335
## FALSE_4420 -0.1595599286 -4.922963e-01 -0.3188628891 -0.3101433
## FALSE_4421 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_4422 -0.3719017472 -6.659674e-01 0.2101109005 -0.3101433
## FALSE_4423 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4424 -0.4506018761 6.373641e-02 -0.3188628891 0.6917509
## TRUE_4425 -0.4506018761 -7.096376e-01 2.0302783242 -0.3101433
## FALSE_4426 -0.1977293575 -2.848582e-01 -0.3188628891 -0.3101433
## FALSE_4427 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_4428 0.4308394619 6.165944e-01 -0.3188628891 3.6974335
## TRUE_4429 -0.2589841977 -3.334016e-01 3.3958967502 -0.3101433
## FALSE_4430 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## FALSE_4431 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_4432 -0.4506018761 -7.241529e-01 1.9601907777 -0.3101433
## FALSE_4433 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4434 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4435 -0.4506018761 1.265601e+00 -0.3188628891 0.6917509
## FALSE_4436 -0.4506018761 -4.380422e-01 -0.3188628891 -0.3101433
## FALSE_4437 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_4438 -0.1466565970 -3.666852e-01 -0.3188628891 -0.3101433
## FALSE_4439 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## TRUE_4440 0.1533486614 1.438608e-01 0.5362138817 -0.3101433
## FALSE_4441 -0.2407348803 -5.224794e-01 -0.3188628891 -0.3101433
## FALSE_4442 -0.4506018761 -4.921262e-01 -0.3188628891 1.6936451
## FALSE_4443 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4444 -0.0499467264 -4.060836e-01 -0.3188628891 -0.3101433
## FALSE_4445 -0.0883657134 -6.935073e-02 0.1373537969 -0.3101433
## TRUE_4446 -0.4506018761 -3.208604e-01 1.4072266909 -0.3101433
## FALSE_4447 -0.1567881041 3.969911e-02 -0.3188628891 -0.3101433
## FALSE_4448 1.3122808000 1.698273e+00 -0.3188628891 2.6955393
## FALSE_4449 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433

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## FALSE_4450 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## TRUE_4451 -0.2561662959 -5.278982e-01 -0.0126860539 -0.3101433
## FALSE_4452 -0.0463232313 -1.683227e-01 -0.2162237042 0.6917509
## FALSE_4453 -0.0499467264 2.822574e-01 -0.3188628891 -0.3101433
## FALSE_4454 -0.3456683782 -4.490593e-01 -0.3188628891 2.6955393
## TRUE_4455 -0.4506018761 -3.985194e-01 1.3551718254 -0.3101433
## FALSE_4456 -0.0539532740 -1.255745e-01 -0.0408312924 3.6974335
## FALSE_4457 -0.4506018761 -7.553008e-01 -0.2634318559 -0.3101433
## FALSE_4458 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_4459 -0.4506018761 -6.273360e-01 1.0076433983 -0.3101433
## FALSE_4460 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4461 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_4462 -0.4506018761 -4.650842e-01 -0.3188628891 2.6955393
## FALSE_4463 0.3888660628 9.136267e-01 -0.3188628891 4.6993277
## FALSE_4464 -0.4506018761 -6.126621e-01 -0.3188628891 -0.3101433
## TRUE_4465 -0.4506018761 -6.814199e-01 4.5738011584 -0.3101433
## FALSE_4466 1.1048828316 7.862694e-01 -0.3188628891 -0.3101433
## FALSE_4467 0.0390877513 -4.170096e-01 -0.3188628891 4.6993277
## FALSE_4468 -0.4506018761 -7.147019e-01 0.5650301496 -0.3101433
## FALSE_4469 -0.4506018761 -1.766366e-01 -0.3188628891 2.6955393
## FALSE_4470 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4471 0.6511997965 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_4472 -0.4506018761 -5.772583e-01 0.2168961390 -0.3101433
## FALSE_4473 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4474 -0.0098812071 -1.045247e-01 -0.3188628891 -0.3101433
## FALSE_4475 -0.4506018761 -8.145496e-01 -0.3188628891 -0.3101433
## FALSE_4476 -0.3789399681 -6.747057e-01 0.1238593643 -0.3101433
## FALSE_4477 -0.4363850867 -5.504886e-01 -0.3188628891 3.6974335
## FALSE_4478 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_4479 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4480 -0.4442696896 -4.720746e-01 -0.3188628891 1.6936451
## FALSE_4481 -0.1115859853 -6.569521e-02 -0.3188628891 0.6917509
## TRUE_4482 -0.4506018761 -6.355305e-01 2.2152785322 -0.3101433
## FALSE_4483 -0.4506018761 -5.371961e-01 -0.3188628891 3.6974335
## TRUE_4484 -0.4506018761 -7.174759e-01 1.6104058178 -0.3101433
## FALSE_4485 -0.3404217088 -3.244660e-01 -0.3188628891 -0.3101433
## FALSE_4486 0.3363993249 8.099734e-01 -0.3188628891 2.6955393
## FALSE_4487 -0.3547930369 -5.215196e-01 -0.3188628891 -0.3101433
## FALSE_4488 0.4308394619 6.373641e-02 -0.3188628891 3.6974335
## FALSE_4489 0.1837687885 -2.839850e-01 -0.3188628891 -0.3101433
## FALSE_4490 -0.4506018761 -2.838799e-01 -0.1815116941 -0.3101433
## FALSE_4491 -0.4506018761 -5.293918e-01 -0.3188628891 -0.3101433
## FALSE_4492 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_4493 -0.4506018761 -8.035796e-01 2.3296035405 -0.3101433
## FALSE_4494 0.0053160536 1.031079e-01 -0.3188628891 1.6936451
## TRUE_4495 -0.3084339162 -7.271683e-01 0.2966011229 -0.3101433
## FALSE_4496 0.4308394619 6.165944e-01 -0.3188628891 -0.3101433
## FALSE_4497 0.6361752322 6.521821e-01 -0.3188628891 -0.3101433
## FALSE_4498 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_4499 -0.4506018761 -3.569164e-01 0.6216958209 4.6993277
## FALSE_4500 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4501 -0.4506018761 -7.089536e-01 -0.3188628891 -0.3101433
## FALSE_4502 0.1789990891 -1.251281e-01 -0.3188628891 -0.3101433
## FALSE_4503 -0.0113214602 -2.246561e-01 -0.3188628891 -0.3101433

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## FALSE_4504 1.9978462826 2.227094e+00 -0.3188628891 0.6917509
## FALSE_4505 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_4506 -0.3036949791 -6.814199e-01 -0.3188628891 1.6936451
## FALSE_4507 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_4508 -0.4506018761 -7.239144e-01 3.1376197059 -0.3101433
## FALSE_4509 -0.2810939197 -4.401224e-01 -0.3188628891 -0.3101433
## FALSE_4510 0.8086000322 7.505165e-01 -0.3188628891 -0.3101433
## FALSE_4511 -0.1799839160 -4.106840e-01 0.3316416856 -0.3101433
## FALSE_4512 -0.2186436246 -3.646531e-01 -0.3188628891 -0.3101433
## FALSE_4513 0.4308394619 2.920908e-01 -0.3188628891 -0.3101433
## FALSE_4514 -0.4506018761 -3.334016e-01 -0.3188628891 -0.3101433
## FALSE_4515 -0.4506018761 -7.855816e-01 -0.3188628891 -0.3101433
## FALSE_4516 0.2104791274 4.002586e-01 -0.3188628891 1.6936451
## FALSE_4517 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4518 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4519 -0.3190434730 -6.492289e-01 -0.3188628891 -0.3101433
## FALSE_4520 -0.4506018761 -6.432430e-01 -0.3188628891 2.6955393
## FALSE_4521 -0.4506018761 -2.109756e-01 -0.3188628891 -0.3101433
## FALSE_4522 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4523 -0.4506018761 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_4524 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4525 0.2839325649 1.118110e-01 -0.3188628891 -0.3101433
## TRUE_4526 -0.3795179072 -1.824521e-01 0.5207327535 -0.3101433
## FALSE_4527 -0.4506018761 -8.218484e-01 -0.3188628891 -0.3101433
## FALSE_4528 -0.4506018761 -8.561526e-01 -0.3188628891 -0.3101433
## FALSE_4529 -0.4065298092 -3.538655e-01 -0.3188628891 -0.3101433
## FALSE_4530 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4531 0.6511997965 4.543426e-01 -0.3188628891 -0.3101433
## FALSE_4532 -0.4506018761 -3.969785e-01 -0.3188628891 3.6974335
## TRUE_4533 -0.4506018761 -6.244895e-01 0.5444567772 -0.3101433
## FALSE_4534 -0.4506018761 -1.766366e-01 -0.3188628891 3.6974335
## FALSE_4535 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_4536 -0.2168863611 -2.907357e-01 0.0147132176 -0.3101433
## FALSE_4537 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4538 -0.4506018761 -8.462471e-01 -0.3188628891 -0.3101433
## FALSE_4539 -0.3228567645 -2.654701e-01 -0.3188628891 2.6955393
## FALSE_4540 -0.4506018761 -5.371961e-01 -0.3188628891 2.6955393
## FALSE_4541 -0.2302415416 -4.085966e-01 0.1099945627 3.6974335
## FALSE_4542 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## FALSE_4543 -0.3106905603 -2.968231e-01 -0.3188628891 -0.3101433
## FALSE_4544 0.2171567067 1.347660e-02 -0.3188628891 -0.3101433
## FALSE_4545 0.4937995607 6.474994e-01 -0.3188628891 -0.3101433
## FALSE_4546 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_4547 -0.2057570624 -5.932832e-01 -0.3188628891 2.6955393
## FALSE_4548 -0.2057570624 -4.170096e-01 -0.3188628891 0.6917509
## FALSE_4549 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4550 -0.2832912427 -3.614079e-02 -0.3188628891 4.6993277
## FALSE_4551 -0.4458114407 -4.351638e-01 -0.0422094989 3.6974335
## FALSE_4552 -0.3281794582 -2.367298e-01 1.1280886411 -0.3101433
## FALSE_4553 -0.4506018761 -6.568712e-01 -0.3188628891 2.6955393
## FALSE_4554 1.7530014690 2.347280e+00 -0.3188628891 0.6917509
## FALSE_4555 1.0184670280 1.025228e+00 -0.3188628891 -0.3101433
## FALSE_4556 -0.3346227503 -5.751497e-01 1.7296354255 -0.3101433
## FALSE_4557 0.0906340441 -3.620816e-02 1.1045223932 -0.3101433

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## TRUE_4558 -0.4506018761 -2.796536e-01 2.6291969637 4.6993277
## FALSE_4559 -0.1799839160 -2.651951e-01 -0.3188628891 2.6955393
## FALSE_4560 2.6974029057 2.810857e+00 -0.3188628891 -0.3101433
## FALSE_4561 0.1370256900 1.118110e-01 -0.3188628891 3.6974335
## FALSE_4562 -0.2502743013 5.281037e-02 -0.3188628891 2.6955393
## FALSE_4563 -0.1751514579 -1.541016e-01 -0.3188628891 -0.3101433
## FALSE_4564 -0.4251267009 -4.189075e-01 -0.1052325364 -0.3101433
## FALSE_4565 -0.4506018761 -5.114419e-01 -0.0079707279 -0.3101433
## FALSE_4566 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_4567 -0.3504380776 -4.552508e-01 -0.0023308171 -0.3101433
## FALSE_4568 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_4569 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4570 0.1789990891 6.474994e-01 -0.3188628891 4.6993277
## FALSE_4571 1.7530014690 2.347280e+00 -0.3188628891 2.6955393
## FALSE_4572 -0.0706702717 -4.285196e-01 -0.1538880604 3.6974335
## FALSE_4573 1.3641302866 1.520114e+00 -0.3188628891 2.6955393
## FALSE_4574 -0.0499467264 -1.110803e-01 -0.3188628891 4.6993277
## FALSE_4575 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_4576 -0.3128766670 -6.273360e-01 2.7967948098 -0.3101433
## FALSE_4577 -0.3732824589 -6.490238e-01 3.1172120334 -0.3101433
## FALSE_4578 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_4579 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4580 -0.4506018761 -8.677090e-01 -0.3188628891 -0.3101433
## FALSE_4581 -0.3456683782 -3.655011e-01 -0.3188628891 -0.3101433
## FALSE_4582 -0.4506018761 -8.264362e-01 -0.3188628891 -0.3101433
## FALSE_4583 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4584 -0.1567881041 6.887062e-01 -0.3188628891 -0.3101433
## FALSE_4585 0.6511997965 2.740628e-01 -0.3188628891 4.6993277
## FALSE_4586 -0.3110403382 -1.021949e-01 2.5349687921 1.6936451
## FALSE_4587 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_4588 -0.2669682713 -6.273360e-01 -0.3188628891 3.6974335
## FALSE_4589 0.1096362666 1.350335e-01 0.0954515690 1.6936451
## FALSE_4590 -0.3993552954 -6.730729e-01 0.1366789100 -0.3101433
## TRUE_4591 -0.3689869308 -3.826706e-01 0.3566313879 -0.3101433
## TRUE_4592 -0.4506018761 -8.743680e-01 1.4960751332 -0.3101433
## FALSE_4593 -0.4097944035 -6.784042e-01 -0.2163176877 -0.3101433
## TRUE_4594 -0.4506018761 -7.174759e-01 0.9673877429 -0.3101433
## FALSE_4595 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## FALSE_4596 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_4597 0.0390877513 6.373641e-02 -0.3188628891 2.6955393
## FALSE_4598 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4599 -0.0740367386 -1.812006e-01 -0.0087756669 1.6936451
## FALSE_4600 0.1462073559 -6.396174e-02 -0.3188628891 -0.3101433
## FALSE_4601 0.9266502146 3.642027e-01 -0.3188628891 4.6993277
## FALSE_4602 0.1002989602 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_4603 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_4604 -0.4506018761 5.444825e-01 -0.3188628891 2.6955393
## FALSE_4605 -0.3036949791 -4.336415e-01 0.2862065561 -0.3101433
## FALSE_4606 0.1002989602 3.643173e-03 -0.3188628891 -0.3101433
## FALSE_4607 1.2554136204 1.544744e+00 -0.3188628891 3.6974335
## FALSE_4608 1.4743849576 1.399879e+00 -0.3188628891 3.6974335
## FALSE_4609 -0.4098303663 -6.792907e-01 -0.2353015649 4.6993277
## FALSE_4610 -0.2502743013 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_4611 -0.4506018761 -7.174759e-01 -0.3188628891 2.6955393

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## FALSE_4612 -0.4506018761 -4.802657e-01 -0.3188628891 -0.3101433
## FALSE_4613 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_4614 -0.1913544211 -3.887304e-01 1.1644970194 2.6955393
## FALSE_4615 0.0390877513 -2.679471e-01 -0.3188628891 -0.3101433
## FALSE_4616 -0.4468542519 -6.543146e-01 -0.2365640836 -0.3101433
## FALSE_4617 -0.1327744688 -6.019750e-01 -0.3188628891 -0.3101433
## FALSE_4618 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_4619 -0.3239580153 -5.904808e-01 -0.3188628891 2.6955393
## FALSE_4620 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_4621 -0.2186436246 -3.967677e-01 -0.3188628891 -0.3101433
## FALSE_4622 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_4623 -0.3170501595 -4.716398e-01 -0.3188628891 3.6974335
## FALSE_4624 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_4625 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4626 0.5134745874 5.895524e-01 -0.3188628891 -0.3101433
## FALSE_4627 3.9566048140 3.428959e+00 -0.3188628891 2.6955393
## FALSE_4628 -0.4376901267 -2.908889e-01 -0.3188628891 3.6974335
## FALSE_4629 -0.4506018761 -2.321073e-01 1.4204487029 -0.3101433
## FALSE_4630 1.0087656202 1.288149e+00 -0.3188628891 1.6936451
## FALSE_4631 -0.4506018761 -5.584055e-01 -0.3188628891 -0.3101433
## FALSE_4632 0.1383796720 -3.836675e-01 0.2264599595 0.6917509
## FALSE_4633 -0.4265187833 -2.965416e-01 -0.3188628891 -0.3101433
## FALSE_4634 -0.4506018761 -3.334016e-01 -0.3188628891 3.6974335
## TRUE_4635 -0.2874767669 -6.005136e-01 0.9694497162 -0.3101433
## FALSE_4636 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_4637 -0.3216104505 -5.864433e-01 1.5002215285 -0.3101433
## FALSE_4638 -0.2669682713 -3.869630e-01 -0.3188628891 2.6955393
## FALSE_4639 -0.4506018761 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_4640 -0.1358014045 -1.058124e-01 -0.3188628891 -0.3101433
## TRUE_4641 -0.3504380776 -6.191415e-01 0.8011736737 4.6993277
## FALSE_4642 -0.4506018761 -6.388924e-01 0.8717295328 -0.3101433
## FALSE_4643 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4644 -0.3093452604 -2.113058e-01 -0.3188628891 -0.3101433
## FALSE_4645 -0.4506018761 -8.191721e-01 -0.3188628891 -0.3101433
## FALSE_4646 -0.2669682713 3.643173e-03 -0.3188628891 3.6974335
## FALSE_4647 -0.4506018761 5.444825e-01 -0.3188628891 4.6993277
## FALSE_4648 -0.3561617390 -3.695359e-01 -0.3188628891 3.6974335
## FALSE_4649 -0.3073676586 -4.366840e-01 -0.3188628891 1.6936451
## FALSE_4650 0.1002989602 9.378304e-02 -0.3188628891 -0.3101433
## FALSE_4651 -0.4506018761 -8.016064e-01 -0.3188628891 -0.3101433
## FALSE_4652 0.4308394619 1.324144e-01 -0.3188628891 -0.3101433
## FALSE_4653 -0.2186436246 -1.690459e-01 -0.3188628891 3.6974335
## FALSE_4654 -0.3634263582 -4.179846e-01 -0.3188628891 1.6936451
## FALSE_4655 -0.0392625777 1.541167e-01 -0.3188628891 3.6974335
## FALSE_4656 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## FALSE_4657 0.0918235712 4.335411e-01 -0.3188628891 2.6955393
## FALSE_4658 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4659 -0.4506018761 -4.650842e-01 -0.3188628891 3.6974335
## FALSE_4660 -0.1567881041 -3.431807e-01 -0.3188628891 -0.3101433
## FALSE_4661 0.9660002680 9.565505e-01 -0.3188628891 2.6955393
## FALSE_4662 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4663 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_4664 -0.1567881041 1.121378e+00 -0.3188628891 -0.3101433
## FALSE_4665 -0.4506018761 -2.321073e-01 -0.3188628891 1.6936451

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## FALSE_4666 -0.4506018761 -4.470562e-01 -0.3188628891 2.6955393
## FALSE_4667 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_4668 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4669 1.3398258418 1.445881e+00 -0.3188628891 -0.3101433
## FALSE_4670 2.4875359100 2.707840e+00 -0.3188628891 3.6974335
## FALSE_4671 0.3507084232 6.755950e-01 -0.3188628891 2.6955393
## FALSE_4672 2.1937221380 2.563616e+00 -0.3188628891 2.6955393
## FALSE_4673 0.6511997965 7.247622e-01 -0.3188628891 4.6993277
## FALSE_4674 -0.3456683782 1.324144e-01 -0.3188628891 -0.3101433
## FALSE_4675 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_4676 -0.4506018761 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_4677 -0.1033674042 3.080220e-02 -0.1456942297 4.6993277
## FALSE_4678 1.3122808000 1.409825e+00 -0.3188628891 0.6917509
## FALSE_4679 -0.0598920731 -4.622145e-02 -0.3188628891 -0.3101433
## FALSE_4680 -0.4506018761 -5.371961e-01 -0.3188628891 1.6936451
## FALSE_4681 -0.4506018761 -7.950508e-01 0.3575841008 -0.3101433
## FALSE_4682 -0.4506018761 -8.700203e-01 -0.3188628891 -0.3101433
## FALSE_4683 -0.1521972491 -1.428341e-01 -0.3188628891 2.6955393
## FALSE_4684 -0.4065298092 -2.469457e-01 -0.3188628891 -0.3101433
## TRUE_4685 -0.2589841977 -2.393426e-01 1.1728152040 -0.3101433
## FALSE_4686 -0.0499467264 -3.194556e-01 0.4868313408 -0.3101433
## FALSE_4687 0.0014193336 -2.598426e-01 -0.3188628891 -0.3101433
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## FALSE_4689 -0.2932016403 -3.241279e-02 -0.3188628891 -0.3101433
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## FALSE_4691 1.7530014690 1.445881e+00 -0.3188628891 -0.3101433
## FALSE_4692 0.4308394619 1.698273e+00 -0.3188628891 2.6955393
## FALSE_4693 -0.0833346446 -3.268697e-01 0.1343651194 -0.3101433
## FALSE_4694 -0.1631753586 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4695 -0.0833346446 -2.487485e-01 -0.3188628891 -0.3101433
## TRUE_4696 -0.4506018761 -5.887046e-01 0.9213812796 -0.3101433
## FALSE_4697 -0.1358014045 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4698 -0.4506018761 -4.697068e-01 0.0448455500 -0.3101433
## TRUE_4699 -0.3298564885 -5.223786e-01 0.3154172339 3.6974335
## FALSE_4700 -0.4506018761 -1.489012e-01 -0.3188628891 2.6955393
## FALSE_4701 0.4471624554 5.631781e-01 -0.3188628891 -0.3101433
## FALSE_4702 0.3757493783 4.543426e-01 -0.3188628891 -0.3101433
## FALSE_4703 -0.4506018761 -5.159867e-01 -0.3188628891 3.6974335
## FALSE_4704 -0.3689869308 -5.639042e-01 0.0069751832 -0.3101433
## FALSE_4705 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_4706 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4707 1.0184670280 1.145415e+00 -0.3188628891 -0.3101433
## FALSE_4708 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4709 -0.4506018761 -6.440286e-01 0.7058533316 -0.3101433
## FALSE_4710 -0.2986292255 -6.739601e-01 -0.3188628891 -0.3101433
## TRUE_4711 -0.4506018761 -3.569164e-01 0.9270114412 -0.3101433
## FALSE_4712 0.3290355656 4.192355e-01 -0.3188628891 2.6955393
## FALSE_4713 -0.3806462182 -3.111583e-01 -0.3188628891 2.6955393
## FALSE_4714 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4715 0.2576991960 -1.895137e-01 0.9109419257 2.6955393
## FALSE_4716 -0.4506018761 -4.746138e-01 -0.3188628891 -0.3101433
## FALSE_4717 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4718 -0.2810939197 -9.449729e-02 -0.3188628891 3.6974335
## FALSE_4719 -0.4506018761 -2.727858e-01 -0.0937851147 -0.3101433

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## FALSE_4720 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_4721 -0.4506018761 -7.813779e-01 -0.2704523103 -0.3101433
## FALSE_4722 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_4723 -0.1460200421 -3.834606e-01 -0.3188628891 4.6993277
## FALSE_4724 0.1002989602 -1.766366e-01 -0.3188628891 2.6955393
## TRUE_4725 -0.4506018761 -4.170096e-01 1.6252050997 1.6936451
## FALSE_4726 -0.4506018761 -7.375070e-01 0.1672256022 -0.3101433
## FALSE_4727 -0.4506018761 1.839229e-01 -0.3188628891 3.6974335
## TRUE_4728 -0.4506018761 -7.232914e-01 4.2017085207 -0.3101433
## FALSE_4729 -0.4506018761 -5.887046e-01 -0.3188628891 2.6955393
## FALSE_4730 -0.3704708373 -7.141981e-01 -0.3188628891 -0.3101433
## FALSE_4731 0.3507084232 8.558850e-02 -0.3188628891 -0.3101433
## FALSE_4732 0.2839325649 6.646689e-01 -0.3188628891 -0.3101433
## FALSE_4733 -0.2669682713 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_4734 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_4735 -0.4506018761 -6.700338e-01 1.1843648580 0.6917509
## FALSE_4736 0.0215988313 9.893391e-02 -0.3188628891 -0.3101433
## FALSE_4737 -0.1981056668 -4.460319e-01 -0.3188628891 -0.3101433
## FALSE_4738 0.1242511810 2.340877e-01 -0.3188628891 3.6974335
## FALSE_4739 0.5695848512 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_4740 -0.0833346446 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4741 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4742 -0.4090244644 -6.664533e-01 -0.3188628891 -0.3101433
## TRUE_4743 -0.4506018761 -4.650842e-01 0.9833934880 -0.3101433
## FALSE_4744 -0.4506018761 -8.036966e-01 -0.3188628891 -0.3101433
## FALSE_4745 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_4746 1.5081566553 1.746348e+00 -0.3188628891 1.6936451
## FALSE_4747 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4748 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4749 0.6144730667 1.395403e+00 -0.3188628891 4.6993277
## FALSE_4750 -0.4506018761 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_4751 -0.4506018761 -6.312551e-01 0.6029146276 -0.3101433
## FALSE_4752 0.7036665344 1.265601e+00 -0.3188628891 0.6917509
## FALSE_4753 -0.4506018761 -3.241279e-02 -0.3188628891 2.6955393
## FALSE_4754 -0.3472020200 -4.579571e-01 0.4988691561 2.6955393
## FALSE_4755 -0.4506018761 -6.666541e-01 0.5811158838 -0.3101433
## FALSE_4756 -0.4506018761 -4.170096e-01 -0.3188628891 4.6993277
## FALSE_4757 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4758 -0.0098812071 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_4759 0.2274299275 1.672817e-01 -0.3188628891 -0.3101433
## FALSE_4760 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_4761 -0.1115859853 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4762 -0.2743136085 -3.703086e-01 -0.3188628891 3.6974335
## FALSE_4763 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_4764 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_4765 -0.2186436246 -5.561729e-01 -0.3188628891 2.6955393
## FALSE_4766 -0.4506018761 -6.580896e-01 -0.3188628891 -0.3101433
## FALSE_4767 -0.4506018761 -6.734075e-01 -0.3188628891 -0.3101433
## FALSE_4768 1.3122808000 6.165944e-01 -0.3188628891 -0.3101433
## FALSE_4769 -0.0833346446 -2.066832e-01 -0.3188628891 1.6936451
## FALSE_4770 -0.1466565970 -3.755660e-01 -0.3188628891 -0.3101433
## FALSE_4771 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_4772 1.7530014690 1.203791e+00 -0.3188628891 -0.3101433
## FALSE_4773 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433

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## FALSE_4774 -0.4506018761 -6.381528e-01 -0.3188628891 3.6974335
## TRUE_4775 -0.3346227503 -6.145897e-01 1.0902502864 1.6936451
## FALSE_4776 0.8411656097 1.166137e+00 -0.3188628891 3.6974335
## FALSE_4777 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4778 -0.3036949791 -4.722954e-01 -0.3188628891 -0.3101433
## FALSE_4779 -0.4388805793 -2.495156e-01 0.3226520983 0.6917509
## FALSE_4780 -0.3304053400 -3.398717e-01 -0.3188628891 -0.3101433
## FALSE_4781 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_4782 -0.1115859853 1.751083e-02 -0.3188628891 -0.3101433
## FALSE_4783 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## FALSE_4784 -0.2589841977 -6.155786e-01 -0.3188628891 -0.3101433
## FALSE_4785 0.3507084232 1.970342e-01 -0.3188628891 1.6936451
## FALSE_4786 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4787 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4788 -0.2669682713 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_4789 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4790 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_4791 -0.1115859853 -5.371961e-01 -0.3188628891 1.6936451
## FALSE_4792 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_4793 -0.4506018761 -7.211551e-01 -0.3188628891 -0.3101433
## FALSE_4794 0.2128485960 1.056244e+00 -0.3188628891 1.6936451
## FALSE_4795 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4796 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4797 0.1943552075 1.311581e-01 -0.3188628891 1.6936451
## FALSE_4798 1.7530014690 1.806441e+00 -0.3188628891 3.6974335
## TRUE_4799 -0.4506018761 -5.044180e-01 2.8001003973 -0.3101433
## FALSE_4800 -0.1567881041 6.165944e-01 -0.3188628891 4.6993277
## FALSE_4801 -0.4506018761 -5.814754e-01 -0.3188628891 -0.3101433
## FALSE_4802 0.8086000322 9.565505e-01 -0.3188628891 -0.3101433
## FALSE_4803 -0.0718575511 -1.517676e-01 0.4846348989 1.6936451
## FALSE_4804 -0.4506018761 -6.739601e-01 -0.3188628891 -0.3101433
## FALSE_4805 -0.0232363875 -7.917626e-02 -0.3188628891 4.6993277
## FALSE_4806 -0.4506018761 -7.054572e-01 -0.3188628891 -0.3101433
## FALSE_4807 0.4308394619 3.569915e-01 -0.3188628891 -0.3101433
## TRUE_4808 -0.3732824589 -6.763594e-01 0.7598723096 -0.3101433
## FALSE_4809 0.1076442973 -7.279546e-02 -0.3188628891 4.6993277
## FALSE_4810 -0.4506018761 1.839229e-01 -0.3188628891 3.6974335
## FALSE_4811 0.2083187368 6.497149e-02 -0.3188628891 3.6974335
## TRUE_4812 -0.4506018761 -5.044180e-01 1.3959234713 -0.3101433
## FALSE_4813 -0.4506018761 -5.371961e-01 -0.3188628891 0.6917509
## FALSE_4814 -0.3404217088 -5.417031e-01 -0.3188628891 -0.3101433
## FALSE_4815 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4816 -0.4506018761 5.444825e-01 -0.3188628891 1.6936451
## FALSE_4817 0.3507084232 1.534964e-02 -0.3188628891 -0.3101433
## FALSE_4818 0.9660002680 1.265601e+00 -0.3188628891 2.6955393
## FALSE_4819 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_4820 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4821 -0.4506018761 -7.492900e-01 -0.3188628891 -0.3101433
## TRUE_4822 -0.1751514579 -3.118464e-01 0.5293287748 -0.3101433
## FALSE_4823 0.2274299275 1.015983e+00 -0.3188628891 1.6936451
## FALSE_4824 0.1789990891 1.495839e-01 -0.3188628891 -0.3101433
## FALSE_4825 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_4826 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4827 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433

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## FALSE_4828 -0.0833346446 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_4829 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4830 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_4831 -0.4506018761 -8.631419e-01 -0.3188628891 -0.3101433
## FALSE_4832 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_4833 -0.4506018761 -8.016064e-01 -0.3188628891 2.6955393
## TRUE_4834 0.0284423198 -3.203954e-02 0.0389845867 4.6993277
## TRUE_4835 -0.1329653670 -3.393756e-01 0.0079183562 -0.3101433
## FALSE_4836 -0.4010827000 -6.917216e-01 1.1961307558 -0.3101433
## FALSE_4837 -0.4506018761 -3.769474e-01 -0.3188628891 4.6993277
## FALSE_4838 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4839 0.2839325649 3.842338e-01 -0.3188628891 -0.3101433
## FALSE_4840 -0.4506018761 -2.749710e-01 -0.3188628891 -0.3101433
## FALSE_4841 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_4842 1.7530014690 1.806441e+00 -0.3188628891 3.6974335
## FALSE_4843 0.0014193336 3.051660e-01 -0.3188628891 -0.3101433
## FALSE_4844 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_4845 0.4308394619 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4846 -0.4506018761 -7.269643e-01 -0.3188628891 -0.3101433
## FALSE_4847 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4848 -0.4506018761 5.444825e-01 -0.3188628891 3.6974335
## FALSE_4849 0.1002989602 -1.841483e-01 -0.3188628891 1.6936451
## FALSE_4850 -0.3587850627 -1.354298e-01 0.5439272031 2.6955393
## FALSE_4851 1.7530014690 1.626161e+00 -0.3188628891 0.6917509
## TRUE_4852 -0.2932016403 -2.435977e-01 1.0161288562 -0.3101433
## FALSE_4853 -0.4506018761 1.265601e+00 -0.3188628891 3.6974335
## TRUE_4854 -0.3624577423 -6.165192e-01 5.5572885101 -0.3101433
## FALSE_4855 -0.4506018761 -7.570495e-01 1.2330136666 0.6917509
## FALSE_4856 2.0678019405 2.501806e+00 -0.3188628891 1.6936451
## FALSE_4857 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_4858 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4859 -0.2986292255 -2.921571e-02 -0.3188628891 -0.3101433
## TRUE_4860 -0.4506018761 -8.449908e-01 0.8114486146 -0.3101433
## FALSE_4861 2.4875359100 2.707840e+00 -0.3188628891 -0.3101433
## FALSE_4862 -0.1707792224 -3.723689e-01 -0.3188628891 -0.3101433
## FALSE_4863 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_4864 -0.2873720076 -5.238421e-01 1.4498300342 -0.3101433
## FALSE_4865 -0.1746003367 -2.586773e-01 -0.3188628891 3.6974335
## FALSE_4866 -0.4506018761 1.839229e-01 -0.3188628891 0.6917509
## FALSE_4867 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_4868 -0.2471923416 -4.113965e-01 0.3289768894 0.6917509
## FALSE_4869 -0.3638007063 -5.675588e-01 0.0108685361 1.6936451
## FALSE_4870 1.5326411345 1.193490e+00 -0.3188628891 1.6936451
## FALSE_4871 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_4872 0.3757493783 2.740628e-01 -0.3188628891 -0.3101433
## TRUE_4873 -0.4506018761 -5.044180e-01 2.6053114294 -0.3101433
## FALSE_4874 -0.3200179725 -4.618792e-01 -0.3188628891 3.6974335
## FALSE_4875 -0.2669682713 -1.638791e-02 -0.3188628891 1.6936451
## TRUE_4876 0.0133146269 2.408534e-01 0.2916836872 -0.3101433
## TRUE_4877 -0.4506018761 -7.704993e-01 1.3206654009 -0.3101433
## FALSE_4878 -0.0499467264 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_4879 -0.3568315242 -7.826834e-01 -0.3188628891 -0.3101433
## FALSE_4880 -0.4506018761 -5.561729e-01 0.2889067054 -0.3101433
## FALSE_4881 -0.3456683782 -6.846288e-01 -0.3188628891 -0.3101433

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## FALSE_4882 -0.4506018761 -6.089959e-01 -0.2633070868 -0.3101433
## FALSE_4883 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4884 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## TRUE_4885 -0.2424837922 -6.709935e-01 0.7870478417 -0.3101433
## FALSE_4886 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## FALSE_4887 -0.4090244644 -5.856580e-01 -0.2478619698 -0.3101433
## FALSE_4888 1.0184670280 1.265601e+00 -0.3188628891 2.6955393
## FALSE_4889 -0.0980253409 2.848796e-01 -0.3188628891 1.6936451
## FALSE_4890 -0.4506018761 -2.231604e-01 -0.3188628891 -0.3101433
## FALSE_4891 0.1347302625 3.980051e-01 -0.3188628891 3.6974335
## TRUE_4892 -0.2617215799 -3.550105e-01 -0.0218035165 2.6955393
## FALSE_4893 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_4894 -0.4506018761 -6.961517e-03 -0.3188628891 -0.3101433
## FALSE_4895 0.3559457493 3.029985e-01 -0.1282498644 -0.3101433
## FALSE_4896 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_4897 -0.4506018761 -8.857370e-01 -0.3188628891 -0.3101433
## FALSE_4898 -0.4506018761 -3.130645e-01 3.3132275411 -0.3101433
## FALSE_4899 -0.1567881041 4.002586e-01 -0.3188628891 4.6993277
## FALSE_4900 -0.4506018761 -7.283560e-01 -0.3188628891 -0.3101433
## FALSE_4901 0.0740655912 5.444825e-01 -0.3188628891 4.6993277
## FALSE_4902 1.2021006327 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4903 -0.2589841977 -5.697550e-01 -0.3188628891 -0.3101433
## FALSE_4904 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_4905 1.3122808000 1.121378e+00 -0.3188628891 1.6936451
## FALSE_4906 -0.2387169306 -3.603833e-01 -0.3188628891 -0.3101433
## TRUE_4907 -0.0980253409 -3.569164e-01 1.3071063316 2.6955393
## FALSE_4908 -0.3624577423 6.046900e-03 -0.3188628891 -0.3101433
## FALSE_4909 -0.3526639594 -5.606213e-01 -0.3188628891 -0.3101433
## FALSE_4910 1.7530014690 2.707840e+00 -0.3188628891 2.6955393
## FALSE_4911 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_4912 1.0184670280 1.025228e+00 -0.3188628891 3.6974335
## FALSE_4913 -0.4506018761 -6.865708e-01 -0.3188628891 -0.3101433
## FALSE_4914 -0.1358014045 4.414654e-01 -0.3188628891 2.6955393
## FALSE_4915 -0.2302415416 -6.846875e-02 -0.3188628891 -0.3101433
## FALSE_4916 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4917 -0.3838260178 -6.355305e-01 0.3229511596 -0.3101433
## TRUE_4918 -0.4506018761 -3.241279e-02 0.6071860902 -0.3101433
## FALSE_4919 -0.0980253409 -2.054814e-01 0.8390844032 -0.3101433
## FALSE_4920 -0.1358014045 2.354314e-01 -0.3188628891 2.6955393
## FALSE_4921 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_4922 -0.3504380776 -3.789245e-01 0.0704091647 -0.3101433
## FALSE_4923 1.7530014690 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4924 -0.0673665194 1.447317e-01 0.6305887121 -0.3101433
## FALSE_4925 -0.3929913330 -3.069249e-03 -0.3188628891 1.6936451
## FALSE_4926 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4927 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_4928 -0.4506018761 -8.231571e-01 1.3367929071 0.6917509
## FALSE_4929 -0.3281794582 -3.769474e-01 -0.3188628891 -0.3101433
## TRUE_4930 -0.4506018761 -8.231571e-01 3.9771112704 -0.3101433
## FALSE_4931 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_4932 -0.4506018761 -5.371961e-01 -0.3188628891 2.6955393
## FALSE_4933 -0.4506018761 -1.766366e-01 -0.3188628891 2.6955393
## FALSE_4934 -0.2270479033 -4.483626e-01 -0.3188628891 1.6936451
## FALSE_4935 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433

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## FALSE_4936 -0.2743136085 -2.920156e-01 -0.3188628891 -0.3101433
## TRUE_4937 -0.4506018761 -7.174759e-01 1.1912402870 -0.3101433
## FALSE_4938 -0.1913544211 2.485255e-02 -0.3188628891 -0.3101433
## FALSE_4939 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4940 -0.4506018761 -6.136784e-01 -0.3188628891 0.6917509
## FALSE_4941 -0.2433200376 -1.624733e-01 -0.0069965505 -0.3101433
## FALSE_4942 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4943 -0.4506018761 -5.071495e-01 -0.3188628891 -0.3101433
## FALSE_4944 0.0284423198 7.418741e-02 -0.3188628891 3.6974335
## FALSE_4945 -0.0833346446 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_4946 0.5042928994 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_4947 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_4948 -0.4506018761 -6.333453e-01 -0.3188628891 -0.3101433
## FALSE_4949 -0.4506018761 -4.434506e-01 -0.3188628891 -0.3101433
## TRUE_4950 -0.1567881041 -5.371961e-01 1.0476041405 2.6955393
## FALSE_4951 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_4952 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_4953 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_4954 -0.2777702468 -5.159867e-01 0.1597986252 -0.3101433
## TRUE_4955 -0.4506018761 -2.796536e-01 2.0705317319 2.6955393
## FALSE_4956 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_4957 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_4958 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_4959 -0.1228016212 -2.124223e-01 -0.1319762423 -0.3101433
## FALSE_4960 -0.4223505574 -5.891048e-01 -0.1102600301 -0.3101433
## TRUE_4961 -0.4506018761 -4.650842e-01 0.9003620096 -0.3101433
## FALSE_4962 -0.4167002760 -6.504572e-01 2.6118854887 -0.3101433
## FALSE_4963 -0.1484657774 2.948438e-01 -0.2407402938 4.6993277
## TRUE_4964 -0.4506018761 -4.856876e-01 0.4312891178 -0.3101433
## FALSE_4965 -0.2810939197 -2.321073e-01 -0.3188628891 0.6917509
## TRUE_4966 -0.4506018761 -8.468531e-01 2.4483378790 -0.3101433
## FALSE_4967 -0.4506018761 -3.887304e-01 -0.3188628891 -0.3101433
## FALSE_4968 0.1002989602 -5.645009e-02 -0.3188628891 2.6955393
## FALSE_4969 -0.4289979252 -7.841339e-01 -0.3188628891 -0.3101433
## FALSE_4970 -0.3963259357 -4.854651e-01 0.3487665068 -0.3101433
## FALSE_4971 -0.4506018761 -8.914300e-01 -0.3188628891 -0.3101433
## FALSE_4972 0.5899885875 6.386286e-01 -0.3188628891 3.6974335
## FALSE_4973 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4974 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_4975 -0.4046934804 -5.993579e-01 0.0424538165 -0.3101433
## FALSE_4976 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_4977 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_4978 0.0678930338 7.565763e-01 -0.3188628891 -0.3101433
## FALSE_4979 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4980 -0.3375965792 -6.869670e-01 -0.3188628891 1.6936451
## FALSE_4981 -0.1943689285 -1.954875e-01 -0.3188628891 -0.3101433
## FALSE_4982 -0.3885285514 -7.318644e-01 -0.3188628891 -0.3101433
## FALSE_4983 -0.2186436246 -1.386830e-01 -0.3188628891 4.6993277
## FALSE_4984 -0.1115859853 -1.489012e-01 -0.3188628891 -0.3101433
## FALSE_4985 -0.2186436246 -4.423120e-01 -0.3188628891 -0.3101433
## TRUE_4986 -0.4506018761 -7.775691e-01 0.5563561570 -0.3101433
## FALSE_4987 0.0562268933 3.121535e-02 1.4566648718 3.6974335
## FALSE_4988 0.0314363557 -4.376851e-02 -0.1406295968 1.6936451
## FALSE_4989 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433

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## FALSE_4990 0.1789990891 4.929739e-01 -0.3188628891 0.6917509
## FALSE_4991 -0.4506018761 -5.371961e-01 -0.3188628891 1.6936451
## FALSE_4992 -0.4506018761 -3.241279e-02 -0.3188628891 2.6955393
## FALSE_4993 -0.2356161742 -4.404606e-01 -0.3188628891 2.6955393
## FALSE_4994 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_4995 -0.4506018761 -7.375070e-01 -0.3188628891 3.6974335
## FALSE_4996 -0.1210030842 -3.598660e-01 -0.3188628891 1.6936451
## TRUE_4997 -0.4506018761 -8.190881e-01 0.3239407034 4.6993277
## FALSE_4998 0.4308394619 4.002586e-01 -0.3188628891 2.6955393
## FALSE_4999 -0.4506018761 5.444825e-01 -0.3188628891 1.6936451
## FALSE_5000 -0.4506018761 -4.650842e-01 -0.3188628891 3.6974335
## FALSE_5001 -0.2456155092 -4.785004e-01 1.0163670313 0.6917509
## FALSE_5002 -0.2932016403 1.066602e-01 -0.3188628891 -0.3101433
## FALSE_5003 0.0390877513 3.041094e-01 -0.3188628891 1.6936451
## FALSE_5004 -0.3652322552 -3.923612e-01 1.1255643838 -0.3101433
## FALSE_5005 0.2431250923 -4.915230e-01 -0.3188628891 -0.3101433
## FALSE_5006 0.5287773786 5.444825e-01 -0.3188628891 1.6936451
## FALSE_5007 -0.1680886228 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5008 -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
## FALSE_5009 0.2869306775 2.804225e-01 0.3880753020 3.6974335
## FALSE_5010 -0.3754790328 -5.453906e-01 -0.3188628891 0.6917509
## TRUE_5011 -0.1115859853 -3.985194e-01 3.5697432998 -0.3101433
## FALSE_5012 -0.4506018761 -5.474978e-01 -0.3188628891 2.6955393
## FALSE_5013 -0.0098812071 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_5014 -0.1963399415 -5.926668e-01 -0.3188628891 -0.3101433
## FALSE_5015 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_5016 -0.0098812071 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_5017 -0.3926123132 -4.423120e-01 -0.3188628891 -0.3101433
## FALSE_5018 -0.4506018761 -5.466020e-01 0.6435178452 -0.3101433
## FALSE_5019 0.1580123895 -1.157094e-01 -0.3188628891 -0.3101433
## FALSE_5020 -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_5021 0.7889250055 1.094336e+00 -0.3188628891 0.6917509
## FALSE_5022 -0.4506018761 -1.251281e-01 -0.3188628891 1.6936451
## FALSE_5023 -0.4506018761 -3.379639e-01 0.3179842224 4.6993277
## FALSE_5024 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5025 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5026 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5027 0.7834159972 1.063688e+00 -0.3188628891 3.6974335
## FALSE_5028 -0.4506018761 -3.882693e-01 -0.3188628891 -0.3101433
## TRUE_5029 -0.4506018761 -5.772583e-01 0.7608174121 -0.3101433
## FALSE_5030 1.0184670280 5.444825e-01 -0.3188628891 3.6974335
## FALSE_5031 -0.3281794582 -5.567503e-01 -0.3188628891 -0.3101433
## FALSE_5032 -0.0308679066 -6.413258e-03 -0.3188628891 3.6974335
## FALSE_5033 0.3363993249 1.066602e-01 -0.3188628891 -0.3101433
## FALSE_5034 -0.2302415416 -4.831122e-01 -0.3188628891 -0.3101433
## FALSE_5035 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5036 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5037 -0.0374262489 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_5038 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_5039 -0.0054294876 1.784702e-02 -0.0135407694 -0.3101433
## FALSE_5040 -0.3827986979 -7.087719e-01 -0.3188628891 -0.3101433
## FALSE_5041 -0.1200613743 -1.042711e-01 -0.3188628891 0.6917509
## FALSE_5042 -0.0509287182 -2.861300e-01 -0.3188628891 4.6993277
## FALSE_5043 0.2533269605 1.448623e-01 -0.3188628891 0.6917509

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## FALSE_5044 -0.0818355993 -1.087295e-01 -0.3188628891 3.6974335
## FALSE_5045 -0.4506018761 -6.827636e-01 -0.3188628891 -0.3101433
## FALSE_5046 -0.2057570624 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_5047 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## FALSE_5048 -0.4506018761 3.384484e-01 -0.3188628891 1.6936451
## FALSE_5049 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5050 -0.0781618840 1.229833e-01 -0.3188628891 2.6955393
## TRUE_5051 -0.4506018761 -7.646920e-01 1.6596946272 2.6955393
## FALSE_5052 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5053 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_5054 -0.4506018761 -7.468237e-01 -0.3188628891 -0.3101433
## FALSE_5055 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_5056 -0.1861694747 -3.352828e-01 -0.3188628891 4.6993277
## FALSE_5057 1.2444776218 9.882480e-01 -0.3188628891 3.6974335
## FALSE_5058 -0.4319272632 -8.121991e-01 2.8514257584 -0.3101433
## FALSE_5059 -0.1358014045 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_5060 -0.4506018761 -7.174759e-01 -0.3188628891 3.6974335
## FALSE_5061 2.8548031415 2.888119e+00 -0.3188628891 2.6955393
## FALSE_5062 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5063 -0.1466565970 -3.457266e-01 -0.3188628891 0.6917509
## FALSE_5064 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_5065 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5066 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5067 -0.4506018761 -8.920626e-01 -0.3188628891 1.6936451
## FALSE_5068 -0.4380098475 -6.061649e-01 -0.1745810130 -0.3101433
## TRUE_5069 -0.4506018761 -3.781257e-01 -0.1520467208 2.6955393
## TRUE_5070 -0.4506018761 -6.093080e-01 0.9003620096 -0.3101433
## FALSE_5071 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## FALSE_5072 -0.4506018761 -7.719791e-01 -0.3188628891 -0.3101433
## TRUE_5073 -0.1139402490 -2.795389e-03 0.4316689301 -0.3101433
## FALSE_5074 -0.4506018761 -7.603996e-01 -0.3188628891 -0.3101433
## FALSE_5075 3.9566048140 3.428959e+00 -0.3188628891 4.6993277
## FALSE_5076 -0.3246816786 -1.148264e-01 -0.3188628891 4.6993277
## FALSE_5077 -0.4506018761 -4.277171e-01 -0.3188628891 -0.3101433
## FALSE_5078 -0.3325516937 -5.874252e-01 0.1290571122 0.6917509
## FALSE_5079 -0.4506018761 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_5080 -0.3436987975 -5.639185e-01 -0.2779059324 -0.3101433
## FALSE_5081 -0.3848226635 -7.068466e-01 -0.3188628891 -0.3101433
## FALSE_5082 0.4256848371 2.863977e-01 -0.3188628891 3.6974335
## FALSE_5083 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5084 1.7530014690 2.347280e+00 -0.3188628891 3.6974335
## FALSE_5085 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5086 0.6511997965 4.543426e-01 -0.3188628891 2.6955393
## FALSE_5087 -0.2186436246 -4.138468e-01 0.4768954649 -0.3101433
## FALSE_5088 -0.4506018761 -8.649671e-02 -0.3188628891 1.6936451
## FALSE_5089 -0.2470466834 -4.611280e-01 -0.3188628891 3.6974335
## FALSE_5090 0.5510359980 4.133699e-01 -0.3188628891 1.6936451
## FALSE_5091 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## FALSE_5092 0.6511997965 1.265601e+00 -0.3188628891 1.6936451
## FALSE_5093 -0.4506018761 1.839229e-01 -0.3188628891 1.6936451
## TRUE_5094 -0.4506018761 -5.830855e-01 0.4220946494 -0.3101433
## FALSE_5095 -0.4506018761 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_5096 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_5097 0.3329015453 1.013210e+00 -0.3188628891 2.6955393

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## FALSE_5098 1.7530014690 2.347280e+00 -0.3188628891 2.6955393
## FALSE_5099 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_5100 -0.4506018761 -7.394612e-01 -0.3188628891 -0.3101433
## FALSE_5101 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## TRUE_5102 -0.3346227503 -4.219797e-01 1.0994457232 -0.3101433
## FALSE_5103 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_5104 0.2452728564 2.180812e-01 -0.3188628891 2.6955393
## FALSE_5105 1.0184670280 1.746348e+00 -0.3188628891 3.6974335
## FALSE_5106 0.6071277296 2.271901e-01 -0.3188628891 -0.3101433
## FALSE_5107 -0.4506018761 -7.361959e-02 -0.3188628891 4.6993277
## FALSE_5108 -0.0532307785 -1.766366e-01 -0.3188628891 4.6993277
## FALSE_5109 -0.2873720076 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_5110 -0.4357126571 -7.398890e-01 -0.3188628891 -0.3101433
## FALSE_5111 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_5112 -0.2589841977 -9.825408e-02 -0.3188628891 -0.3101433
## FALSE_5113 0.0836049901 1.347660e-02 -0.3188628891 -0.3101433
## FALSE_5114 -0.4506018761 -6.573826e-01 -0.3188628891 1.6936451
## FALSE_5115 -0.4506018761 -7.994212e-01 -0.3188628891 -0.3101433
## TRUE_5116 -0.4506018761 -7.638335e-01 0.8853597357 -0.3101433
## FALSE_5117 -0.4506018761 -1.638791e-02 -0.3188628891 -0.3101433
## TRUE_5118 -0.3281794582 -6.573826e-01 1.7803830774 -0.3101433
## TRUE_5119 -0.4506018761 -5.649315e-01 0.9352153909 -0.3101433
## FALSE_5120 0.1589054218 1.409626e-01 -0.3188628891 0.6917509
## FALSE_5121 -0.4506018761 -5.583020e-01 -0.3188628891 -0.3101433
## FALSE_5122 -0.4506018761 -5.215196e-01 -0.3188628891 -0.3101433
## FALSE_5123 -0.3817392715 -6.212058e-01 -0.3188628891 -0.3101433
## FALSE_5124 -0.0098812071 2.113689e-01 -0.3188628891 2.6955393
## FALSE_5125 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_5126 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_5127 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5128 -0.3876417774 -2.595653e-01 -0.3188628891 4.6993277
## FALSE_5129 -0.4073939743 -5.584055e-01 0.4526301113 -0.3101433
## FALSE_5130 -0.2873720076 1.324144e-01 -0.3188628891 4.6993277
## TRUE_5131 -0.3876417774 -6.230436e-01 0.2641070227 -0.3101433
## TRUE_5132 -0.4506018761 -8.056979e-01 -0.1224175953 3.6974335
## FALSE_5133 -0.3404217088 -6.476175e-01 -0.3188628891 -0.3101433
## TRUE_5134 -0.2810939197 -4.257925e-01 0.8242207766 -0.3101433
## FALSE_5135 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5136 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5137 -0.0098812071 1.118110e-01 0.2813123370 -0.3101433
## FALSE_5138 -0.4506018761 5.444825e-01 -0.3188628891 3.6974335
## FALSE_5139 -0.3209781486 -5.562203e-01 0.0232827145 -0.3101433
## FALSE_5140 -0.3084339162 -6.186128e-01 -0.3188628891 -0.3101433
## TRUE_5141 -0.2932016403 -2.796536e-01 1.2845439378 0.6917509
## FALSE_5142 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_5143 -0.4009711757 -6.748851e-01 -0.1631392052 -0.3101433
## FALSE_5144 -0.2547260207 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_5145 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_5146 -0.4506018761 -5.833298e-01 0.1036929781 -0.3101433
## FALSE_5147 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_5148 -0.3314881907 -4.300027e-01 -0.3188628891 -0.3101433
## FALSE_5149 -0.1987615032 -7.688708e-03 -0.3188628891 -0.3101433
## FALSE_5150 -0.0499467264 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_5151 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433

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## FALSE_5152 -0.1358014045 2.939742e-02 1.7948606358 -0.3101433
## FALSE_5153 -0.4506018761 2.939742e-02 -0.3188628891 0.6917509
## FALSE_5154 1.2021006327 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5155 2.8548031415 2.527560e+00 -0.3188628891 3.6974335
## FALSE_5156 -0.4506018761 7.247622e-01 -0.3188628891 1.6936451
## FALSE_5157 -0.4506018761 -3.569164e-01 -0.3188628891 2.6955393
## FALSE_5158 0.4308394619 8.329301e-01 -0.3188628891 -0.3101433
## TRUE_5159 -0.3281794582 -6.573826e-01 1.8726700648 -0.3101433
## FALSE_5160 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5161 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_5162 -0.4506018761 8.558850e-02 -0.3188628891 -0.3101433
## FALSE_5163 0.4329685394 3.929429e-01 -0.2287632071 3.6974335
## FALSE_5164 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_5165 -0.0794686869 -3.262429e-01 -0.3188628891 2.6955393
## FALSE_5166 -0.4506018761 -7.535318e-01 -0.3188628891 3.6974335
## FALSE_5167 -0.4506018761 -2.796536e-01 -0.3188628891 2.6955393
## TRUE_5168 -0.4506018761 -2.105716e-01 1.3840007762 -0.3101433
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## FALSE_5170 -0.4506018761 -6.814199e-01 3.0520489099 -0.3101433
## FALSE_5171 -0.4506018761 -8.098143e-01 -0.3188628891 -0.3101433
## FALSE_5172 -0.3547930369 -4.117841e-01 -0.3188628891 -0.3101433
## FALSE_5173 -0.4506018761 -8.112214e-01 -0.3188628891 1.6936451
## TRUE_5174 -0.4506018761 -6.519196e-01 0.7113059764 -0.3101433
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## FALSE_5179 -0.4506018761 -5.781688e-01 -0.3188628891 0.6917509
## FALSE_5180 -0.2743136085 -1.477918e-01 -0.3188628891 -0.3101433
## FALSE_5181 2.4875359100 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_5182 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_5183 0.6511997965 1.265601e+00 -0.3188628891 0.6917509
## FALSE_5184 -0.3375965792 -2.875780e-01 -0.3188628891 1.6936451
## TRUE_5185 -0.4506018761 -5.044180e-01 1.6929035274 -0.3101433
## FALSE_5186 -0.4073939743 -4.541260e-01 0.0726026146 -0.3101433
## FALSE_5187 -0.4506018761 -8.522113e-01 -0.3188628891 -0.3101433
## FALSE_5188 -0.4506018761 -6.902499e-01 -0.3188628891 -0.3101433
## FALSE_5189 3.9566048140 3.428959e+00 -0.3188628891 3.6974335
## FALSE_5190 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_5191 -0.0980253409 -3.594125e-01 0.7168401898 -0.3101433
## FALSE_5192 -0.4506018761 -8.218484e-01 -0.3188628891 -0.3101433
## FALSE_5193 -0.0098812071 3.642027e-01 -0.3188628891 2.6955393
## FALSE_5194 -0.2810939197 -2.820309e-01 -0.3188628891 -0.3101433
## FALSE_5195 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## FALSE_5196 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5197 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_5198 -0.4506018761 1.265601e+00 -0.3188628891 0.6917509
## FALSE_5199 0.1002989602 1.136945e-02 -0.3188628891 -0.3101433
## FALSE_5200 -0.1030416676 -2.095518e-01 -0.2564444839 3.6974335
## TRUE_5201 -0.4506018761 -8.036966e-01 0.6127365201 -0.3101433
## FALSE_5202 0.5863879437 5.020637e-01 -0.3188628891 -0.3101433
## FALSE_5203 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## TRUE_5204 -0.4506018761 -4.170096e-01 2.3293506433 -0.3101433
## FALSE_5205 -0.0706702717 -1.890697e-01 -0.3188628891 -0.3101433

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## FALSE_5206 0.6511997965 2.347280e+00 -0.3188628891 0.6917509
## FALSE_5207 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_5208 -0.2001924131 2.494895e-02 -0.3188628891 1.6936451
## FALSE_5209 0.2505446468 1.314779e-01 -0.3188628891 -0.3101433
## TRUE_5210 -0.0673665194 -2.863721e-01 3.3732921758 -0.3101433
## FALSE_5211 -0.1420974078 2.527674e-02 -0.3188628891 1.6936451
## TRUE_5212 -0.4506018761 -8.625791e-01 5.7483718782 -0.3101433
## FALSE_5213 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_5214 3.9566048140 3.428959e+00 -0.3188628891 1.6936451
## FALSE_5215 1.7530014690 1.806441e+00 -0.3188628891 3.6974335
## FALSE_5216 -0.4506018761 -5.941266e-01 -0.3188628891 -0.3101433
## FALSE_5217 -0.4506018761 -7.874668e-01 -0.3188628891 -0.3101433
## TRUE_5218 -0.4506018761 -4.060836e-01 2.5585737765 -0.3101433
## FALSE_5219 -0.1115859853 2.671290e-01 -0.3188628891 -0.3101433
## FALSE_5220 0.0133146269 -2.482206e-02 -0.3188628891 1.6936451
## FALSE_5221 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5222 -0.2329620441 -3.502393e-01 0.1362964535 -0.3101433
## FALSE_5223 -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## FALSE_5224 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_5225 -0.4506018761 1.839229e-01 -0.3188628891 3.6974335
## FALSE_5226 1.2021006327 9.951818e-01 -0.3188628891 -0.3101433
## FALSE_5227 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5228 0.4772311078 2.256719e-01 -0.3188628891 4.6993277
## FALSE_5229 0.6511997965 9.705982e-01 -0.3188628891 1.6936451
## FALSE_5230 -0.4506018761 1.839229e-01 -0.3188628891 0.6917509
## FALSE_5231 0.1789990891 3.384484e-01 -0.3188628891 2.6955393
## FALSE_5232 -0.4506018761 3.111792e-01 -0.3188628891 -0.3101433
## FALSE_5233 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5234 1.7530014690 1.806441e+00 -0.3188628891 2.6955393
## FALSE_5235 -0.2707158955 -6.609742e-01 -0.3188628891 -0.3101433
## FALSE_5236 -0.4506018761 -5.371961e-01 -0.3188628891 3.6974335
## FALSE_5237 0.2274299275 8.791595e-02 -0.3188628891 2.6955393
## FALSE_5238 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5239 -0.2532910342 3.465753e-01 -0.3188628891 2.6955393
## FALSE_5240 -0.3587850627 -4.515632e-01 -0.3188628891 0.6917509
## TRUE_5241 -0.4333862249 -6.842880e-01 0.0329216720 -0.3101433
## FALSE_5242 -0.3783525756 -5.360140e-01 -0.3188628891 -0.3101433
## FALSE_5243 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5244 -0.2873720076 -1.632825e-01 -0.3188628891 -0.3101433
## FALSE_5245 -0.4506018761 -8.507261e-01 -0.3188628891 -0.3101433
## FALSE_5246 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5247 0.0133146269 1.725861e-01 -0.3188628891 3.6974335
## FALSE_5248 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5249 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5250 -0.4506018761 -7.432301e-01 -0.3188628891 1.6936451
## FALSE_5251 -0.4506018761 5.444825e-01 -0.3188628891 4.6993277
## FALSE_5252 -0.4506018761 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_5253 1.1234005038 1.574653e+00 -0.3188628891 4.6993277
## FALSE_5254 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5255 -0.4506018761 1.839229e-01 -0.3188628891 2.6955393
## FALSE_5256 -0.2957301649 -5.314963e-01 -0.2588207527 3.6974335
## FALSE_5257 -0.1000286146 -3.100904e-01 -0.3188628891 3.6974335
## FALSE_5258 0.0215988313 -1.045247e-01 -0.3188628891 1.6936451
## FALSE_5259 0.4308394619 1.698273e+00 -0.3188628891 -0.3101433

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## FALSE_5260 -0.4506018761 -2.217065e-01 0.8779016864 -0.3101433
## TRUE_5261 -0.2975738758 -3.597779e-01 1.1527496427 -0.3101433
## FALSE_5262 -0.3492867830 -6.851499e-01 -0.3188628891 -0.3101433
## FALSE_5263 -0.2226429002 -1.517704e-01 -0.3188628891 -0.3101433
## FALSE_5264 -0.2186436246 -2.904975e-01 -0.3188628891 3.6974335
## FALSE_5265 0.8715601310 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5266 -0.0648281887 -2.160138e-01 -0.0583288848 -0.3101433
## FALSE_5267 -0.4506018761 -7.535318e-01 -0.3188628891 1.6936451
## FALSE_5268 -0.1616047182 -2.184626e-01 -0.3188628891 1.6936451
## FALSE_5269 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_5270 -0.1913544211 1.521089e-01 -0.3188628891 1.6936451
## FALSE_5271 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_5272 -0.2057570624 7.848555e-01 -0.3188628891 0.6917509
## FALSE_5273 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5274 -0.4506018761 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_5275 -0.1973141325 -3.583965e-01 -0.3188628891 -0.3101433
## FALSE_5276 -0.2749300004 5.118948e-02 -0.3188628891 -0.3101433
## FALSE_5277 -0.4506018761 -8.021527e-01 -0.3188628891 0.6917509
## FALSE_5278 0.2839325649 1.839229e-01 -0.3188628891 2.6955393
## FALSE_5279 2.8548031415 2.707840e+00 -0.3188628891 1.6936451
## FALSE_5280 -0.4086284769 -2.847035e-01 -0.3188628891 1.6936451
## FALSE_5281 0.1789990891 2.305259e-01 -0.3188628891 2.6955393
## FALSE_5282 0.4767478576 5.012959e-02 -0.3188628891 4.6993277
## FALSE_5283 -0.4506018761 -4.771029e-01 -0.3188628891 -0.3101433
## FALSE_5284 -0.4506018761 -8.797277e-01 -0.3188628891 2.6955393
## FALSE_5285 0.0782629267 2.704572e-01 -0.3188628891 2.6955393
## FALSE_5286 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## TRUE_5287 -0.4506018761 -5.887046e-01 1.3984512991 -0.3101433
## FALSE_5288 -0.1751514579 5.895524e-01 -0.3188628891 -0.3101433
## FALSE_5289 -0.2853316252 -6.669975e-01 -0.3188628891 -0.3101433
## FALSE_5290 -0.3270353253 -6.008060e-01 0.1139853375 -0.3101433
## FALSE_5291 -0.2921728881 -3.293442e-01 0.0995176959 -0.3101433
## FALSE_5292 -0.4506018761 -8.668505e-01 -0.3188628891 -0.3101433
## FALSE_5293 0.0483271736 1.455787e-01 -0.0232340470 -0.3101433
## FALSE_5294 3.9566048140 3.428959e+00 -0.3188628891 0.6917509
## FALSE_5295 -0.0954423652 1.561876e-01 -0.3188628891 4.6993277
## TRUE_5296 -0.4126087134 -4.422526e-01 0.4689806920 -0.3101433
## FALSE_5297 -0.4506018761 -5.779550e-01 -0.3188628891 -0.3101433
## FALSE_5298 -0.3910450224 -6.346446e-01 -0.3188628891 1.6936451
## FALSE_5299 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5300 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5301 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_5302 -0.2743136085 -1.297639e-01 -0.3188628891 2.6955393
## FALSE_5303 -0.3771484386 -3.483316e-01 -0.2206567847 -0.3101433
## FALSE_5304 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5305 -0.3606588748 -4.482269e-01 -0.3188628891 2.6955393
## FALSE_5306 -0.4506018761 -5.516185e-01 -0.3188628891 2.6955393
## TRUE_5307 -0.4506018761 -7.432301e-01 0.9951019260 -0.3101433
## FALSE_5308 1.3122808000 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_5309 -0.4506018761 -3.208604e-01 -0.3188628891 3.6974335
## FALSE_5310 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## TRUE_5311 -0.4506018761 -6.432430e-01 1.4928694919 -0.3101433
## FALSE_5312 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_5313 0.0782629267 1.406558e-01 0.5066582144 -0.3101433

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## FALSE_5314 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_5315 -0.4506018761 -3.012745e-01 -0.0417981686 -0.3101433
## TRUE_5316 -0.4506018761 -5.887046e-01 2.3095723071 -0.3101433
## FALSE_5317 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5318 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_5319 -0.4506018761 -7.609917e-01 0.7060983225 2.6955393
## FALSE_5320 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## TRUE_5321 -0.1751514579 -4.142678e-02 0.1143126956 -0.3101433
## FALSE_5322 -0.4506018761 -2.796536e-01 -0.3188628891 3.6974335
## TRUE_5323 -0.4322385222 -6.303407e-01 2.4721771189 -0.3101433
## FALSE_5324 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_5325 -0.3547930369 -3.490781e-01 0.1705531870 -0.3101433
## FALSE_5326 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_5327 1.8448182824 1.956674e+00 -0.3188628891 2.6955393
## FALSE_5328 0.6511997965 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_5329 -0.4276476672 -5.316876e-01 -0.3188628891 -0.3101433
## FALSE_5330 0.0133146269 1.080157e-01 -0.0878484691 -0.3101433
## TRUE_5331 -0.4205527476 -6.519128e-01 0.8619681463 2.6955393
## FALSE_5332 0.0133146269 2.831446e-01 -0.3188628891 4.6993277
## FALSE_5333 0.1002989602 1.839229e-01 -0.3188628891 1.6936451
## FALSE_5334 -0.4506018761 -6.910857e-01 0.6032028972 -0.3101433
## FALSE_5335 0.1701314587 -8.014884e-02 -0.3188628891 3.6974335
## FALSE_5336 2.4875359100 1.986721e+00 -0.3188628891 1.6936451
## FALSE_5337 1.0184670280 9.851663e-01 -0.3188628891 3.6974335
## FALSE_5338 -0.4506018761 -6.846977e-01 -0.3188628891 -0.3101433
## FALSE_5339 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5340 -0.3817392715 -6.617417e-01 -0.3188628891 -0.3101433
## FALSE_5341 -0.4361992348 -3.939397e-01 -0.3188628891 3.6974335
## FALSE_5342 0.6511997965 7.247622e-01 -0.3188628891 3.6974335
## FALSE_5343 -0.0571012756 -2.114216e-01 -0.3188628891 2.6955393
## TRUE_5344 -0.4506018761 -1.165433e-01 0.6219371136 -0.3101433
## FALSE_5345 -0.4506018761 -7.704993e-01 -0.3188628891 -0.3101433
## FALSE_5346 -0.3058138318 -4.584693e-01 -0.0002479885 1.6936451
## FALSE_5347 -0.4506018761 -1.766366e-01 -0.3188628891 0.6917509
## FALSE_5348 -0.3145769673 -1.766366e-01 -0.3188628891 1.6936451
## FALSE_5349 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_5350 1.3122808000 1.611739e+00 -0.3188628891 -0.3101433
## FALSE_5351 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5352 -0.1115859853 -4.228411e-01 -0.3188628891 -0.3101433
## FALSE_5353 2.3039023052 2.888119e+00 -0.3188628891 3.6974335
## FALSE_5354 -0.4506018761 -7.361255e-01 -0.3188628891 1.6936451
## FALSE_5355 -0.1567881041 -2.775933e-01 0.6894749235 -0.3101433
## TRUE_5356 -0.4506018761 -6.949409e-01 0.2036965379 -0.3101433
## FALSE_5357 0.0153028280 1.385189e-01 -0.3188628891 3.6974335
## TRUE_5358 -0.4506018761 -7.704993e-01 0.9161958536 -0.3101433
## TRUE_5359 -0.4506018761 -3.985194e-01 0.2152476496 -0.3101433
## FALSE_5360 0.4024058612 4.560872e-01 0.0906185043 0.6917509
## FALSE_5361 -0.3456683782 -6.482255e-01 0.1810703525 -0.3101433
## TRUE_5362 -0.1026644988 -4.043584e-01 0.7239502796 -0.3101433
## FALSE_5363 0.2839325649 3.041094e-01 -0.3188628891 -0.3101433
## TRUE_5364 -0.4506018761 -4.744901e-01 1.4349219572 -0.3101433
## FALSE_5365 0.4308394619 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_5366 0.2839325649 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5367 -0.4506018761 -8.526857e-01 -0.3188628891 -0.3101433

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## FALSE_5368 -0.3653010957 -5.126050e-01 -0.3188628891 -0.3101433
## FALSE_5369 -0.4506018761 -4.560702e-01 -0.3188628891 2.6955393
## FALSE_5370 -0.4506018761 -7.551167e-01 0.0179545311 -0.3101433
## FALSE_5371 0.4308394619 4.002586e-01 -0.3188628891 2.6955393
## FALSE_5372 -0.1115859853 -1.841038e-01 -0.3188628891 -0.3101433
## FALSE_5373 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_5374 -0.2917836215 -2.253609e-01 0.1154638626 3.6974335
## FALSE_5375 1.5693678642 1.217527e+00 -0.3188628891 3.6974335
## FALSE_5376 -0.4506018761 -7.260606e-01 -0.3188628891 -0.3101433
## FALSE_5377 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_5378 -0.4506018761 -8.977556e-01 1.9489162016 -0.3101433
## TRUE_5379 -0.4506018761 -8.028716e-01 1.1861624099 -0.3101433
## FALSE_5380 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_5381 -0.2440140625 -2.217065e-01 0.7443104925 -0.3101433
## FALSE_5382 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_5383 0.3888660628 5.788214e-01 -0.3188628891 -0.3101433
## FALSE_5384 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## TRUE_5385 -0.4506018761 -7.694209e-01 10.6201630186 -0.3101433
## FALSE_5386 0.1115418326 -1.300142e-01 -0.0857127701 -0.3101433
## FALSE_5387 1.2021006327 1.806441e+00 -0.3188628891 -0.3101433
## FALSE_5388 -0.1834984430 -5.481222e-01 -0.3188628891 -0.3101433
## FALSE_5389 -0.3923054835 -6.327730e-01 -0.3188628891 -0.3101433
## FALSE_5390 -0.4506018761 -5.385140e-01 -0.3188628891 -0.3101433
## FALSE_5391 0.0678930338 -7.058968e-02 -0.3188628891 -0.3101433
## FALSE_5392 -0.4506018761 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_5393 -0.4506018761 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_5394 -0.3084339162 -1.703602e-01 -0.3188628891 -0.3101433
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## TRUE_5396 -0.0337039441 3.775014e-02 -0.0438773122 -0.3101433
## FALSE_5397 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_5398 -0.4506018761 -8.616997e-01 -0.3188628891 -0.3101433
## FALSE_5399 0.5134745874 8.149021e-01 -0.3188628891 -0.3101433
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## FALSE_5403 0.3507084232 5.444825e-01 -0.3188628891 -0.3101433
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## FALSE_5406 -0.2810939197 -9.343056e-02 -0.1420850751 -0.3101433
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## FALSE_5408 1.7530014690 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5409 -0.4506018761 -8.349485e-01 -0.3188628891 -0.3101433
## FALSE_5410 0.8610667922 9.496827e-01 -0.3188628891 -0.3101433
## TRUE_5411 -0.3036949791 -6.477677e-01 -0.3188628891 -0.3101433
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## TRUE_5415 -0.4506018761 -8.977556e-01 5.3784593978 -0.3101433
## FALSE_5416 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_5417 -0.4506018761 -6.273360e-01 2.6070542717 -0.3101433
## FALSE_5418 -0.4506018761 -6.928539e-01 -0.2224171560 -0.3101433
## FALSE_5419 -0.4506018761 -6.874293e-01 -0.3188628891 -0.3101433
## FALSE_5420 0.1789990891 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_5421 -0.3228567645 -6.313501e-01 0.0975696485 -0.3101433

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## FALSE_5422  1.7530014690  1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5423  0.3612519821  7.423835e-01 -0.3188628891 -0.3101433
## FALSE_5424  0.0390877513 -2.440036e-02 -0.3188628891 -0.3101433
## FALSE_5425  3.9566048140  3.428959e+00 -0.3188628891 -0.3101433
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## FALSE_5427 -0.4506018761 -8.199879e-01 -0.3188628891 -0.3101433
## TRUE_5428  -0.4506018761 -7.947386e-01  2.9218247650 -0.3101433
## FALSE_5429 -0.4506018761 -7.925924e-01 -0.3188628891 -0.3101433
## TRUE_5430  -0.4355086916 -8.328963e-01  0.7382828169 -0.3101433
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## FALSE_5432 -0.4506018761 -6.928923e-01  0.1358850625 -0.3101433
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## FALSE_5451 -0.4506018761 -5.790633e-01  0.5693505882 -0.3101433
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## FALSE_5454 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_5455 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
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## FALSE_5459 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_5460 -0.4506018761 -8.350496e-01 -0.3188628891 -0.3101433
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## FALSE_5465 -0.4506018761 -6.633920e-01 -0.3188628891 -0.3101433
## FALSE_5466 -0.4506018761 -7.818615e-01 -0.3188628891 -0.3101433
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## FALSE_5469 -0.1115859853 -3.331432e-01  1.0822617375 -0.3101433
## TRUE_5470  -0.4506018761 -7.096376e-01  0.4323503845 -0.3101433
## FALSE_5471 -0.3036949791 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_5472 -0.4506018761  5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5473 -0.4506018761 -8.677090e-01 -0.3188628891 -0.3101433
## FALSE_5474 -0.4506018761 -3.077492e-01 -0.3188628891 -0.3101433
## TRUE_5475  -0.3674470308 -6.697576e-01 -0.3188628891 -0.3101433

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## TRUE_5476 -0.4364762057 -8.521847e-01 -0.2734281292 -0.3101433
## TRUE_5477 -0.4506018761 -8.604564e-01 2.0863628916 -0.3101433
## FALSE_5478 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5479 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_5480 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_5481 -0.4506018761 -8.321994e-01 0.1328791511 -0.3101433
## TRUE_5482 -0.4269072124 -4.785912e-01 -0.3188628891 -0.3101433
## FALSE_5483 -0.4506018761 1.118110e-01 -0.3188628891 -0.3101433
## TRUE_5484 -0.4506018761 -7.642151e-01 -0.3188628891 -0.3101433
## FALSE_5485 -0.0798368650 -2.457438e-01 -0.3188628891 -0.3101433
## FALSE_5486 -0.4506018761 -8.141476e-01 -0.3188628891 -0.3101433
## FALSE_5487 -0.4506018761 -3.794513e-01 -0.3188628891 -0.3101433
## FALSE_5488 1.0184670280 1.301657e+00 -0.3188628891 -0.3101433
## FALSE_5489 2.4875359100 2.707840e+00 -0.3188628891 -0.3101433
## FALSE_5490 -0.4119421675 -5.954821e-01 0.8961481452 -0.3101433
## FALSE_5491 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## TRUE_5492 -0.2797799110 -5.974399e-01 0.7833053376 -0.3101433
## FALSE_5493 -0.4506018761 -6.897405e-01 1.8243367007 -0.3101433
## FALSE_5494 1.2633118416 1.505975e+00 -0.3188628891 -0.3101433
## FALSE_5495 -0.0499467264 -1.110803e-01 -0.3188628891 -0.3101433
## FALSE_5496 -0.0008128725 -3.955929e-01 -0.2126384486 -0.3101433
## FALSE_5497 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_5498 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_5499 1.0184670280 6.373641e-02 -0.3188628891 -0.3101433
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## TRUE_5501 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5502 -0.4506018761 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_5503 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5504 -0.0162377653 -5.390769e-02 -0.0784105651 -0.3101433
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## FALSE_5506 -0.3298564885 -3.722278e-01 -0.3188628891 -0.3101433
## TRUE_5507 -0.4506018761 -7.994212e-01 1.4483920459 -0.3101433
## FALSE_5508 -0.4506018761 -5.852707e-01 -0.3188628891 -0.3101433
## FALSE_5509 0.7036665344 1.299941e+00 -0.3188628891 -0.3101433
## FALSE_5510 0.1002989602 -2.487485e-01 -0.3188628891 -0.3101433
## FALSE_5511 0.9266502146 1.671231e+00 -0.3188628891 -0.3101433
## FALSE_5512 0.5287773786 1.185477e+00 -0.3188628891 -0.3101433
## TRUE_5513 0.4772311078 5.065288e-01 -0.3188628891 -0.3101433
## TRUE_5514 1.0184670280 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5515 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5516 -0.3783525756 -4.598182e-01 -0.3188628891 -0.3101433
## TRUE_5517 -0.3918391129 -7.035218e-01 -0.2093287749 -0.3101433
## FALSE_5518 -0.0397996399 5.046382e-02 -0.2722050173 -0.3101433
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## FALSE_5520 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_5521 -0.3898726393 -5.832523e-01 -0.0729100708 -0.3101433
## FALSE_5522 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_5523 -0.3404217088 -6.694013e-01 0.2654737723 -0.3101433
## FALSE_5524 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
## FALSE_5525 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_5526 -0.2302415416 -3.241279e-02 0.2709109320 -0.3101433
## FALSE_5527 -0.4506018761 -1.251281e-01 -0.3188628891 -0.3101433
## FALSE_5528 0.5287773786 3.041094e-01 0.8122055876 -0.3101433
## FALSE_5529 0.0168291318 6.510218e-02 0.2560126611 -0.3101433

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## FALSE_5530 -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## FALSE_5531 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_5532 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5533 1.3122808000 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5534 -0.4506018761 2.457331e-01 -0.3188628891 -0.3101433
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## FALSE_5537 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
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## FALSE_5560 -0.1537433853 -2.569685e-01 -0.3188628891 -0.3101433
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## FALSE_5562 0.3225922735 4.359671e-01 -0.3188628891 -0.3101433
## FALSE_5563 0.0258529096 1.157090e-01 -0.2492806377 -0.3101433
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## FALSE_5573 -0.4506018761 -8.616997e-01 -0.3188628891 -0.3101433
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## FALSE_5582 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_5583 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433

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## FALSE_5584 -0.3504380776 -5.535852e-01 -0.3188628891 -0.3101433
## FALSE_5585 0.3094716446 3.388100e-01 -0.3188628891 -0.3101433
## FALSE_5586 -0.4506018761 -5.021703e-01 0.3731577798 -0.3101433
## FALSE_5587 0.1002989602 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_5588 -0.0172265442 -1.032961e-01 -0.3188628891 -0.3101433
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## FALSE_5592 -0.3547930369 -5.403314e-01 -0.3188628891 -0.3101433
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## FALSE_5595 -0.4037166891 -4.451384e-01 -0.3188628891 -0.3101433
## FALSE_5596 -0.2302415416 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_5597 0.8715601310 1.049266e+00 -0.3188628891 -0.3101433
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## FALSE_5599 -0.1751514579 -4.675426e-01 -0.3188628891 -0.3101433
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## FALSE_5601 -0.4506018761 6.373641e-02 -0.3188628891 -0.3101433
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## FALSE_5603 -0.1026644988 -3.189627e-01 -0.3188628891 -0.3101433
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## FALSE_5612 0.6511997965 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_5613 -0.2743136085 -7.246871e-01 -0.3188628891 -0.3101433
## TRUE_5614 -0.4506018761 -7.313435e-01 1.1392408614 -0.3101433
## FALSE_5615 2.1937221380 2.130944e+00 -0.3188628891 -0.3101433
## FALSE_5616 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5617 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_5618 -0.3456683782 -4.513486e-01 0.6424248421 -0.3101433
## FALSE_5619 -0.4506018761 -6.958423e-01 -0.3188628891 -0.3101433
## FALSE_5620 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_5621 -0.0308679066 -4.954988e-01 -0.3188628891 -0.3101433
## FALSE_5622 -0.4506018761 -2.521025e-01 -0.3188628891 -0.3101433
## FALSE_5623 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
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## FALSE_5625 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5626 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_5627 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_5628 -0.4506018761 -6.980611e-01 0.7070522150 -0.3101433
## FALSE_5629 0.3729670426 4.789262e-01 -0.3188628891 -0.3101433
## FALSE_5630 -0.1567881041 -1.438482e-02 -0.3188628891 -0.3101433
## TRUE_5631 -0.4506018761 -5.852707e-01 0.2886920681 -0.3101433
## FALSE_5632 -0.3946373365 -6.435083e-01 -0.3188628891 -0.3101433
## FALSE_5633 0.1040619434 1.782939e-02 -0.0929906852 -0.3101433
## FALSE_5634 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_5635 0.6031334781 4.297791e-01 -0.3188628891 -0.3101433
## FALSE_5636 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_5637 -0.0833346446 1.839229e-01 -0.3188628891 -0.3101433

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## FALSE_5638 -0.2810939197 -3.430487e-01 -0.3188628891 -0.3101433
## FALSE_5639 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_5640 -0.1241421172 -2.460777e-01 1.1769997814 -0.3101433
## FALSE_5641 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5642 0.0782629267 -1.807573e-01 -0.3188628891 -0.3101433
## TRUE_5643 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5644 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_5645 -0.4506018761 -4.539901e-01 -0.3188628891 -0.3101433
## FALSE_5646 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5647 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5648 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5649 -0.4506018761 -8.400661e-01 -0.3188628891 -0.3101433
## FALSE_5650 -0.4506018761 1.839229e-01 0.8659274389 -0.3101433
## FALSE_5651 -0.4506018761 -8.462471e-01 -0.3188628891 -0.3101433
## TRUE_5652 -0.4506018761 1.324144e-01 0.5779745700 -0.3101433
## TRUE_5653 -0.4506018761 -3.097663e-01 -0.3188628891 -0.3101433
## FALSE_5654 -0.4506018761 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_5655 0.0390877513 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_5656 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_5657 -0.3036949791 -6.449812e-01 -0.3188628891 -0.3101433
## FALSE_5658 -0.1121399271 -9.607814e-02 -0.3188628891 -0.3101433
## FALSE_5659 -0.1082945511 4.389981e-02 -0.3188628891 -0.3101433
## FALSE_5660 -0.3795179072 -3.859937e-01 -0.3188628891 -0.3101433
## FALSE_5661 -0.3910450224 -6.911648e-01 -0.3188628891 -0.3101433
## FALSE_5662 0.1479076782 1.051937e+00 -0.3188628891 -0.3101433
## FALSE_5663 -0.4506018761 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_5664 0.1212856598 -2.154300e-03 -0.3188628891 -0.3101433
## TRUE_5665 -0.4506018761 -8.616997e-01 2.9683399847 -0.3101433
## FALSE_5666 -0.1567881041 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_5667 0.2839325649 3.642027e-01 0.4270246715 -0.3101433
## FALSE_5668 0.8086000322 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_5669 -0.4506018761 -8.112214e-01 -0.3188628891 -0.3101433
## FALSE_5670 1.1816968964 1.025228e+00 -0.3188628891 -0.3101433
## FALSE_5671 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_5672 -0.2903398206 -4.281438e-01 -0.3188628891 -0.3101433
## TRUE_5673 -0.4506018761 -4.245213e-01 0.7517062310 -0.3101433
## FALSE_5674 -0.1751514579 -4.921262e-01 -0.3188628891 -0.3101433
## FALSE_5675 -0.3170501595 -6.093080e-01 -0.3188628891 -0.3101433
## TRUE_5676 -0.4073939743 -6.086010e-01 -0.1044779100 -0.3101433
## FALSE_5677 -0.3346227503 -5.485822e-01 0.7713269441 -0.3101433
## FALSE_5678 -0.2057570624 1.839229e-01 0.0458262641 -0.3101433
## FALSE_5679 -0.3547930369 -5.175621e-01 0.7016943061 -0.3101433
## FALSE_5680 -0.4506018761 -3.009675e-01 0.7305237480 -0.3101433
## FALSE_5681 -0.3526639594 -3.762190e-01 2.2320616359 -0.3101433
## TRUE_5682 -0.4506018761 -5.887046e-01 3.8940850811 -0.3101433
## FALSE_5683 -0.0209685271 -1.004429e-01 -0.3188628891 -0.3101433
## FALSE_5684 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5685 -0.0833346446 -9.343056e-02 -0.3188628891 -0.3101433
## FALSE_5686 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5687 -0.4506018761 -8.026990e-01 -0.3188628891 -0.3101433
## FALSE_5688 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5689 0.3014214849 -1.251281e-01 0.6585077204 -0.3101433
## FALSE_5690 0.0519743355 -9.928348e-02 -0.0403531721 -0.3101433
## TRUE_5691 -0.4506018761 -5.890948e-01 -0.3188628891 -0.3101433

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## FALSE_5692    0.1789990891    1.574653e+00    -0.3188628891    -0.3101433
## FALSE_5693   -0.4506018761   -7.432301e-01    -0.3188628891    -0.3101433
## FALSE_5694   -0.4506018761   -8.752207e-01    12.9124774731    -0.3101433
## FALSE_5695   -0.4506018761   -3.569164e-01    -0.3188628891    -0.3101433
## FALSE_5696   -0.4506018761   -8.977556e-01    -0.3188628891    -0.3101433
## FALSE_5697    0.2597702526   -6.219179e-02    -0.3188628891    -0.3101433
## FALSE_5698   -0.4506018761   -6.949409e-01    -0.3188628891    -0.3101433
## FALSE_5699   -0.4506018761   -2.054814e-01    -0.3188628891    -0.3101433
## FALSE_5700   -0.4506018761   -5.313806e-01    -0.3188628891    -0.3101433
## FALSE_5701   -0.2363626669   -4.359676e-01    -0.2775218531    -0.3101433
## FALSE_5702   -0.4506018761   -2.796536e-01    -0.3188628891    -0.3101433
## FALSE_5703   -0.4506018761   -7.459411e-01    2.2175893506    -0.3101433
## TRUE_5704    -0.4506018761   -6.158998e-01    -0.3188628891    -0.3101433
## FALSE_5705    0.0106174384    2.090782e-01    -0.3188628891    -0.3101433
## FALSE_5706   -0.4506018761    4.002586e-01    -0.3188628891    -0.3101433
## TRUE_5707    -0.4506018761   -4.856876e-01    0.0689320172    -0.3101433
## FALSE_5708   -0.2407348803   -5.200266e-01    -0.3188628891    -0.3101433
## FALSE_5709    0.2612617615    2.868861e-01    -0.3188628891    -0.3101433
## FALSE_5710    0.1002989602    5.444825e-01    -0.3188628891    -0.3101433
## FALSE_5711   -0.4506018761   -3.887304e-01    -0.3188628891    -0.3101433
## FALSE_5712   -0.0240979964   -6.032708e-02    -0.3188628891    -0.3101433
## FALSE_5713   -0.4506018761   -7.994212e-01    -0.3188628891    -0.3101433
## FALSE_5714   -0.4506018761   -8.256437e-01    -0.3188628891    -0.3101433
## FALSE_5715   -0.4506018761   -1.766366e-01    -0.3188628891    -0.3101433
## FALSE_5716   -0.4506018761   -3.569164e-01    -0.3188628891    -0.3101433
## FALSE_5717   -0.4506018761    1.839229e-01    -0.3188628891    -0.3101433
## TRUE_5718    -0.1115859853   -1.045247e-01    0.1111116113    -0.3101433
## FALSE_5719    0.8086000322    8.020250e-01    -0.3188628891    -0.3101433
## FALSE_5720   -0.4506018761   -1.766366e-01    -0.3188628891    -0.3101433
## FALSE_5721    3.5158841450    3.035621e+00    -0.3188628891    -0.3101433
## FALSE_5722   -0.4172139359    2.003223e-02    -0.3188628891    -0.3101433
## FALSE_5723    0.3106429259    2.886113e-01    -0.3188628891    -0.3101433
## TRUE_5724    -0.4506018761   -5.371961e-01    1.4361719614    -0.3101433
## FALSE_5725   -0.4506018761   -8.525391e-01    -0.3188628891    -0.3101433
## FALSE_5726   -0.3404217088   -6.523748e-01    -0.0667353769    -0.3101433
## TRUE_5727    -0.4506018761   -1.477918e-01    -0.3188628891    -0.3101433
## FALSE_5728   -0.1715926606   -3.405139e-01    -0.3188628891    -0.3101433
## FALSE_5729   -0.0499467264   -3.077492e-01    -0.3188628891    -0.3101433
## TRUE_5730    -0.4506018761   -4.971339e-01    -0.3188628891    -0.3101433
## FALSE_5731   -0.4506018761   -7.625458e-01    -0.3188628891    -0.3101433
## FALSE_5732   -0.4506018761   -3.569164e-01    -0.3188628891    -0.3101433
## FALSE_5733   -0.2913052413   -4.459702e-01    0.6116949311    -0.3101433
## FALSE_5734   -0.4506018761   -5.247630e-01    -0.3188628891    -0.3101433
## FALSE_5735   -0.4506018761   -8.977556e-01    -0.3188628891    -0.3101433
## FALSE_5736   -0.4506018761   -7.581842e-01    -0.3188628891    -0.3101433
## TRUE_5737    -0.4506018761   -2.796536e-01    -0.3188628891    -0.3101433
## FALSE_5738   -0.4506018761   -4.856876e-01    -0.3188628891    -0.3101433
## FALSE_5739   -0.1316592913   -4.170096e-01    -0.3188628891    -0.3101433
## FALSE_5740   -0.0098812071   -2.631709e-01    -0.3188628891    -0.3101433
## TRUE_5741    0.2839325649    4.242959e-01    -0.3188628891    -0.3101433
## TRUE_5742    -0.4506018761   -8.977556e-01    5.0821031288    -0.3101433
## FALSE_5743   -0.4506018761    1.265601e+00    -0.3188628891    -0.3101433
## FALSE_5744   -0.4506018761   -3.077492e-01    -0.3188628891    -0.3101433
## FALSE_5745   -0.4506018761   -7.625458e-01    -0.3188628891    -0.3101433

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## FALSE_5746 0.1503808484 4.789262e-01 -0.3188628891 -0.3101433
## FALSE_5747 1.9533290438 1.855608e+00 -0.3188628891 -0.3101433
## FALSE_5748 -0.2921728881 -1.562872e-01 1.5854824066 -0.3101433
## FALSE_5749 -0.3504380776 -4.729005e-01 -0.3188628891 -0.3101433
## FALSE_5750 -0.4506018761 -8.059422e-01 0.3518161820 -0.3101433
## FALSE_5751 0.2495012627 6.684248e-01 -0.3188628891 -0.3101433
## FALSE_5752 0.0215988313 -9.937384e-02 -0.3188628891 -0.3101433
## FALSE_5753 0.2452728564 -1.352326e-01 -0.3188628891 -0.3101433
## FALSE_5754 -0.1200613743 -4.778004e-01 -0.3188628891 -0.3101433
## FALSE_5755 -0.4506018761 -4.341791e-01 -0.1054774247 -0.3101433
## TRUE_5756 -0.4506018761 -4.341791e-01 -0.3188628891 -0.3101433
## TRUE_5757 -0.4506018761 -3.204076e-01 -0.3188628891 -0.3101433
## FALSE_5758 -0.4506018761 -3.241279e-02 1.1714536798 -0.3101433
## TRUE_5759 -0.0833346446 3.642027e-01 -0.3188628891 -0.3101433
## FALSE_5760 0.6712325561 6.863650e-01 -0.3188628891 -0.3101433
## FALSE_5761 -0.4506018761 -8.359454e-01 -0.3188628891 -0.3101433
## FALSE_5762 -0.1631753586 -3.703534e-01 -0.3188628891 -0.3101433
## FALSE_5763 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_5764 -0.4506018761 -6.144589e-01 0.3130376332 -0.3101433
## FALSE_5765 -0.1913544211 -3.632792e-01 -0.3188628891 -0.3101433
## FALSE_5766 -0.4151741705 -7.760477e-01 -0.3188628891 -0.3101433
## FALSE_5767 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_5768 -0.1662659563 -4.480255e-01 -0.3188628891 -0.3101433
## FALSE_5769 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_5770 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_5771 0.4508722216 3.314246e-01 0.1278274194 -0.3101433
## TRUE_5772 -0.4506018761 -7.269643e-01 2.2323502053 -0.3101433
## FALSE_5773 -0.0833346446 3.643173e-03 -0.3188628891 -0.3101433
## FALSE_5774 -0.4506018761 -7.400108e-01 -0.3188628891 -0.3101433
## FALSE_5775 -0.4506018761 -5.699743e-01 -0.3188628891 -0.3101433
## FALSE_5776 -0.3711927378 -6.599813e-01 -0.3188628891 -0.3101433
## FALSE_5777 -0.4506018761 -5.131588e-01 -0.3188628891 -0.3101433
## FALSE_5778 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_5779 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5780 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5781 -0.2547260207 -3.689350e-01 -0.3188628891 -0.3101433
## FALSE_5782 -0.0477926601 -3.135860e-01 -0.3188628891 -0.3101433
## FALSE_5783 -0.1751514579 -7.915194e-01 -0.3188628891 -0.3101433
## FALSE_5784 -0.2986292255 -2.015028e-01 -0.3188628891 -0.3101433
## FALSE_5785 -0.1504695139 7.730587e-02 -0.3188628891 -0.3101433
## FALSE_5786 -0.1751514579 -3.794513e-01 -0.3188628891 -0.3101433
## FALSE_5787 -0.0571012756 -2.524277e-01 -0.3188628891 -0.3101433
## FALSE_5788 -0.1751514579 2.707953e-02 -0.3188628891 -0.3101433
## FALSE_5789 -0.1751514579 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5790 -0.3955117924 -7.264899e-01 0.5124503831 -0.3101433
## FALSE_5791 -0.4506018761 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_5792 -0.4506018761 -7.361255e-01 -0.3188628891 -0.3101433
## FALSE_5793 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## TRUE_5794 -0.3314881907 -3.715336e-01 -0.2505868624 -0.3101433
## TRUE_5795 -0.4506018761 -8.016064e-01 0.1772970683 -0.3101433
## FALSE_5796 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5797 -0.4506018761 -4.341791e-01 -0.3188628891 -0.3101433
## FALSE_5798 -0.4094130258 -7.505323e-01 6.6036285086 -0.3101433
## FALSE_5799 0.6511997965 5.444825e-01 -0.2267309872 -0.3101433

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## FALSE_5800 -0.4468625154 -6.460374e-01 -0.2514245175 -0.3101433
## FALSE_5801 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433
## TRUE_5802 -0.2903398206 -3.470829e-01 1.3918054456 -0.3101433
## FALSE_5803 -0.4506018761 -4.781955e-01 -0.3188628891 -0.3101433
## FALSE_5804 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_5805 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5806 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_5807 2.0678019405 1.883704e+00 -0.3188628891 -0.3101433
## FALSE_5808 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_5809 -0.4506018761 -8.129181e-01 -0.3188628891 -0.3101433
## TRUE_5810 -0.2407348803 -3.483316e-01 0.4658872512 -0.3101433
## FALSE_5811 -0.4506018761 -4.854254e-01 -0.3188628891 -0.3101433
## FALSE_5812 0.1795134542 3.666771e-01 -0.3188628891 -0.3101433
## FALSE_5813 -0.2302415416 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5814 -0.2245912822 -2.922005e-01 -0.3188628891 -0.3101433
## FALSE_5815 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5816 -0.0771097736 4.947701e-02 -0.0098110498 -0.3101433
## FALSE_5817 2.7813497040 2.553314e+00 -0.3188628891 -0.3101433
## FALSE_5818 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_5819 0.1789990891 -7.361959e-02 -0.3188628891 -0.3101433
## FALSE_5820 -0.4506018761 -7.947386e-01 -0.3188628891 -0.3101433
## FALSE_5821 -0.4506018761 -8.163390e-01 -0.3188628891 -0.3101433
## FALSE_5822 -0.2800849558 -6.194213e-01 -0.0172545233 -0.3101433
## FALSE_5823 -0.2278332235 -3.478021e-01 -0.2112982262 -0.3101433
## TRUE_5824 -0.2669682713 -5.404636e-02 -0.3188628891 -0.3101433
## FALSE_5825 1.4382009974 1.471636e+00 -0.3188628891 -0.3101433
## FALSE_5826 0.4308394619 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5827 -0.2057570624 -4.170096e-01 2.3719864720 -0.3101433
## FALSE_5828 2.4875359100 2.148972e+00 -0.3188628891 -0.3101433
## FALSE_5829 -0.4506018761 -8.190881e-01 -0.3188628891 -0.3101433
## FALSE_5830 -0.4506018761 -6.840907e-01 -0.3188628891 -0.3101433
## FALSE_5831 -0.3036949791 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_5832 0.6022308381 2.239851e-01 -0.3188628891 -0.3101433
## FALSE_5833 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5834 -0.3526639594 -7.655505e-01 -0.3188628891 -0.3101433
## TRUE_5835 -0.3492867830 -4.750307e-01 -0.3188628891 -0.3101433
## FALSE_5836 -0.2407348803 -4.513486e-01 -0.3188628891 -0.3101433
## FALSE_5837 -0.3715227935 -6.273877e-01 0.2945155099 -0.3101433
## FALSE_5838 -0.4506018761 -8.178394e-01 -0.3092204701 -0.3101433
## FALSE_5839 -0.4506018761 -8.056979e-01 -0.3188628891 -0.3101433
## TRUE_5840 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_5841 0.3999116907 8.936559e-01 -0.3188628891 -0.3101433
## FALSE_5842 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_5843 -0.0275100338 1.758480e-02 -0.2685825857 -0.3101433
## FALSE_5844 -0.4506018761 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_5845 3.5158841450 2.810857e+00 -0.3188628891 -0.3101433
## FALSE_5846 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## TRUE_5847 0.0492896194 -2.494454e-01 -0.3117937112 -0.3101433
## FALSE_5848 -0.1751514579 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_5849 0.1363227846 1.767831e-01 -0.3188628891 -0.3101433
## TRUE_5850 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_5851 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_5852 -0.1200613743 -3.102863e-01 -0.3188628891 -0.3101433
## FALSE_5853 0.7889250055 1.265601e+00 -0.3188628891 -0.3101433

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## FALSE_5854 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5855 -0.4506018761 -7.015688e-01 -0.3188628891 -0.3101433
## FALSE_5856 0.2349636066 3.209355e-01 -0.3188628891 -0.3101433
## FALSE_5857 -0.3568315242 -6.676113e-01 -0.3188628891 -0.3101433
## FALSE_5858 -0.2302415416 -2.740509e-01 1.1563916940 -0.3101433
## FALSE_5859 0.3271404888 1.457581e-01 0.7401062042 -0.3101433
## FALSE_5860 -0.2626977101 -3.845872e-01 -0.3188628891 -0.3101433
## FALSE_5861 -0.1751514579 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5862 -0.4506018761 -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_5863 -0.4506018761 -8.923378e-01 -0.3188628891 -0.3101433
## FALSE_5864 -0.4506018761 -4.501645e-01 -0.3188628891 -0.3101433
## FALSE_5865 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5866 0.5677299681 6.567446e-01 -0.3188628891 -0.3101433
## FALSE_5867 -0.0833346446 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5868 -0.4506018761 -6.924420e-01 -0.3188628891 -0.3101433
## FALSE_5869 -0.2903398206 -7.502540e-01 -0.3188628891 -0.3101433
## FALSE_5870 1.0571267366 1.948767e+00 -0.3188628891 -0.3101433
## FALSE_5871 -0.4506018761 -7.096376e-01 -0.3188628891 -0.3101433
## FALSE_5872 -0.2057570624 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5873 -0.3544128492 -5.606391e-01 -0.3188628891 -0.3101433
## FALSE_5874 -0.1913544211 -2.826835e-01 -0.3188628891 -0.3101433
## FALSE_5875 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5876 3.5158841450 3.140511e+00 -0.3188628891 -0.3101433
## TRUE_5877 -0.3615673984 -7.447910e-01 1.4471097422 -0.3101433
## TRUE_5878 -0.4506018761 -6.719560e-01 0.4175047926 -0.3101433
## FALSE_5879 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_5880 -0.4506018761 -5.732521e-01 -0.3188628891 -0.3101433
## FALSE_5881 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_5882 -0.3314881907 -5.469410e-01 -0.3188628891 -0.3101433
## FALSE_5883 -0.3590235587 -4.519729e-01 -0.3188628891 -0.3101433
## FALSE_5884 -0.1567881041 -5.516185e-01 -0.3188628891 -0.3101433
## FALSE_5885 -0.4506018761 -2.968231e-01 -0.3188628891 -0.3101433
## TRUE_5886 -0.2502743013 -4.060836e-01 1.3965569551 -0.3101433
## TRUE_5887 -0.4506018761 -6.093080e-01 3.9409460325 -0.3101433
## FALSE_5888 -0.1115859853 1.007169e-01 -0.3188628891 -0.3101433
## FALSE_5889 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5890 -0.0617306936 -4.822445e-01 -0.3188628891 -0.3101433
## FALSE_5891 -0.4506018761 -8.576935e-01 -0.3188628891 -0.3101433
## FALSE_5892 -0.1740567298 -4.091005e-01 -0.3188628891 -0.3101433
## FALSE_5893 -0.4506018761 -8.176313e-01 -0.3188628891 -0.3101433
## FALSE_5894 -0.1567881041 -2.247112e-01 -0.3188628891 -0.3101433
## FALSE_5895 -0.4506018761 -6.304139e-01 -0.3188628891 -0.3101433
## FALSE_5896 -0.4506018761 -5.106286e-01 -0.3188628891 -0.3101433
## FALSE_5897 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_5898 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_5899 -0.4506018761 -6.962103e-01 3.2903007681 -0.3101433
## FALSE_5900 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5901 -0.4506018761 -7.808174e-01 -0.3188628891 -0.3101433
## FALSE_5902 -0.2482301506 -4.018023e-01 1.1855785616 -0.3101433
## TRUE_5903 -0.4506018761 -2.997545e-01 -0.1218700193 -0.3101433
## FALSE_5904 -0.3795179072 -1.550363e-01 0.3878983852 -0.3101433
## TRUE_5905 -0.4506018761 -4.170096e-01 1.4250827602 -0.3101433
## FALSE_5906 0.3206592947 5.516936e-01 -0.3188628891 -0.3101433
## TRUE_5907 0.0390877513 -1.766366e-01 0.9747651694 -0.3101433

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## FALSE_5908 0.0202535314 -2.099190e-01 -0.3188628891 -0.3101433
## TRUE_5909 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_5910 -0.3404217088 -1.586086e-01 -0.3188628891 -0.3101433
## TRUE_5911 -0.3795179072 -4.882630e-01 -0.1266095023 -0.3101433
## FALSE_5912 0.8515273713 1.363936e+00 -0.3188628891 -0.3101433
## FALSE_5913 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_5914 -0.3689869308 -5.772583e-01 0.2856801268 -0.3101433
## TRUE_5915 0.6920072691 6.700106e-01 1.3923920436 -0.3101433
## FALSE_5916 -0.2057570624 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_5917 -0.4500002924 -3.353345e-01 -0.3188628891 -0.3101433
## FALSE_5918 1.7530014690 2.888119e+00 -0.3188628891 -0.3101433
## TRUE_5919 -0.3526639594 -5.772583e-01 0.6515931442 -0.3101433
## FALSE_5920 -0.1751514579 -5.597311e-01 -0.3188628891 -0.3101433
## FALSE_5921 1.1831040514 1.146244e+00 -0.3188628891 -0.3101433
## FALSE_5922 -0.1115859853 -4.817254e-01 -0.3188628891 -0.3101433
## TRUE_5923 -0.4506018761 -6.803436e-01 2.2572795249 -0.3101433
## FALSE_5924 -0.0728413058 -3.167397e-01 -0.3188628891 -0.3101433
## TRUE_5925 -0.4506018761 3.643173e-03 0.5294384686 -0.3101433
## FALSE_5926 -0.4506018761 -4.099398e-01 0.4245603851 -0.3101433
## FALSE_5927 -0.3145769673 -5.464804e-01 -0.3188628891 -0.3101433
## FALSE_5928 -0.3188249417 -5.575826e-01 0.9955221291 -0.3101433
## FALSE_5929 0.1370256900 -2.237867e-01 -0.3188628891 -0.3101433
## TRUE_5930 -0.4506018761 -6.573826e-01 0.2268398362 -0.3101433
## FALSE_5931 1.1892889930 1.064359e+00 -0.3188628891 -0.3101433
## FALSE_5932 -0.4506018761 -6.662853e-01 -0.2738758469 -0.3101433
## FALSE_5933 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## FALSE_5934 -0.4506018761 -3.081646e-01 -0.3188628891 -0.3101433
## TRUE_5935 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## FALSE_5936 -0.3587850627 -6.949409e-01 -0.3188628891 -0.3101433
## FALSE_5937 -0.2502743013 -4.586810e-01 -0.3188628891 -0.3101433
## FALSE_5938 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_5939 -0.3746155508 -4.004322e-01 -0.3188628891 -0.3101433
## FALSE_5940 -0.3910450224 -6.474901e-01 -0.3188628891 -0.3101433
## FALSE_5941 -0.2373499473 -6.415816e-01 -0.3188628891 -0.3101433
## FALSE_5942 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_5943 0.1292937306 -3.947572e-03 -0.3188628891 -0.3101433
## FALSE_5944 -0.4506018761 -4.949236e-01 0.2861805924 -0.3101433
## FALSE_5945 0.3507084232 2.822574e-01 -0.3188628891 -0.3101433
## TRUE_5946 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_5947 0.2839325649 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_5948 -0.4506018761 -6.432430e-01 3.0838416694 -0.3101433
## FALSE_5949 -0.4506018761 -8.462471e-01 -0.3188628891 -0.3101433
## FALSE_5950 -0.2186436246 -1.007293e-01 -0.3188628891 -0.3101433
## FALSE_5951 -0.4090244644 -5.086673e-01 -0.3119095381 -0.3101433
## FALSE_5952 -0.4506018761 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_5953 -0.2547260207 1.118110e-01 -0.3188628891 -0.3101433
## FALSE_5954 -0.4506018761 -7.666431e-01 -0.3188628891 -0.3101433
## FALSE_5955 -0.1525299271 -4.239531e-01 -0.3188628891 -0.3101433
## FALSE_5956 0.0215988313 5.628783e-01 -0.3188628891 -0.3101433
## FALSE_5957 -0.4506018761 -5.028571e-01 -0.3188628891 -0.3101433
## FALSE_5958 0.0390877513 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_5959 -0.4506018761 -5.471289e-01 0.1761588739 -0.3101433
## FALSE_5960 -0.2186436246 -3.664048e-01 -0.3188628891 -0.3101433
## TRUE_5961 -0.4506018761 -3.077492e-01 -0.3188628891 -0.3101433

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## FALSE_5962 -0.4506018761 -1.342178e-01 -0.3188628891 -0.3101433
## FALSE_5963 -0.4506018761 2.560348e-01 -0.3188628891 -0.3101433
## TRUE_5964 -0.4506018761 -7.947386e-01 0.6739252037 -0.3101433
## FALSE_5965 -0.4506018761 -8.050403e-01 -0.3188628891 -0.3101433
## FALSE_5966 -0.4506018761 -7.459411e-01 -0.3188628891 -0.3101433
## FALSE_5967 -0.3024604764 -5.179037e-01 -0.1759642954 -0.3101433
## FALSE_5968 0.4308394619 3.643173e-03 0.4768549486 -0.3101433
## FALSE_5969 0.5410196292 8.870140e-01 -0.3188628891 -0.3101433
## FALSE_5970 1.3122808000 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_5971 -0.4506018761 -7.552089e-01 -0.0950337226 -0.3101433
## TRUE_5972 -0.4506018761 -6.852153e-01 1.2689237987 -0.3101433
## FALSE_5973 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_5974 -0.4506018761 -5.572272e-01 -0.2813201670 -0.3101433
## FALSE_5975 -0.4506018761 -1.766366e-01 3.0889064598 -0.3101433
## FALSE_5976 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_5977 -0.4506018761 -6.446251e-02 -0.3188628891 -0.3101433
## FALSE_5978 -0.1241421172 -4.490593e-01 -0.3188628891 -0.3101433
## FALSE_5979 -0.4506018761 -8.408252e-01 -0.3188628891 -0.3101433
## FALSE_5980 -0.4506018761 -7.144848e-01 0.3553633484 -0.3101433
## TRUE_5981 -0.0673665194 -4.301480e-01 0.3456057325 -0.3101433
## FALSE_5982 1.2963989679 9.372000e-01 -0.3188628891 -0.3101433
## FALSE_5983 -0.2057570624 1.118110e-01 -0.3188628891 -0.3101433
## FALSE_5984 0.5777463590 7.548088e-01 -0.0099360598 -0.3101433
## FALSE_5985 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5986 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_5987 -0.0652773932 -5.446999e-02 -0.0133510712 -0.3101433
## FALSE_5988 -0.4506018761 -7.036082e-01 -0.3188628891 -0.3101433
## FALSE_5989 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5990 -0.0360064011 -8.708482e-02 0.0110753787 -0.3101433
## FALSE_5991 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## FALSE_5992 -0.2669682713 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_5993 0.4896022252 5.307812e-01 -0.2403617909 -0.3101433
## TRUE_5994 -0.4506018761 -8.977556e-01 1.8408752730 -0.3101433
## FALSE_5995 -0.2719313370 2.131575e-01 -0.3188628891 -0.3101433
## FALSE_5996 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_5997 -0.4506018761 -6.917216e-01 1.0674662868 -0.3101433
## TRUE_5998 -0.4506018761 -8.977556e-01 3.0513658372 -0.3101433
## TRUE_5999 -0.0499467264 -3.896945e-01 0.2103535000 -0.3101433
## TRUE_6000 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6001 -0.4506018761 -6.137457e-01 -0.3188628891 -0.3101433
## FALSE_6002 0.0488815562 3.021865e-01 -0.3188628891 -0.3101433
## FALSE_6003 -0.4506018761 -1.212157e-01 1.1457377188 -0.3101433
## FALSE_6004 -0.4506018761 -8.279699e-01 -0.3188628891 -0.3101433
## FALSE_6005 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## TRUE_6006 -0.3606588748 -6.328548e-01 0.8745131099 -0.3101433
## FALSE_6007 0.2738833845 8.107303e-02 -0.3188628891 -0.3101433
## FALSE_6008 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6009 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_6010 -0.4506018761 -6.962665e-01 -0.3188628891 -0.3101433
## FALSE_6011 -0.4506018761 -3.985194e-01 -0.3188628891 -0.3101433
## TRUE_6012 -0.4506018761 -5.371961e-01 1.0172792751 -0.3101433
## TRUE_6013 -0.4506018761 -5.732521e-01 -0.3188628891 -0.3101433
## FALSE_6014 0.6511997965 7.247622e-01 -0.3188628891 -0.3101433
## FALSE_6015 -0.1751514579 -2.667765e-01 -0.3188628891 -0.3101433

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## FALSE_6016 -0.2502743013 -6.355305e-01 -0.3188628891 -0.3101433
## FALSE_6017 -0.4073939743 -5.902196e-01 -0.3188628891 -0.3101433
## FALSE_6018 -0.0098812071 -1.405806e-01 -0.3188628891 -0.3101433
## FALSE_6019 -0.2865037438 -2.878731e-01 -0.3188628891 -0.3101433
## FALSE_6020 -0.1751514579 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_6021 -0.4506018761 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_6022 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_6023 -0.4506018761 -8.376624e-01 -0.3188628891 -0.3101433
## FALSE_6024 -0.3884312403 -6.291901e-01 -0.2719423057 -0.3101433
## FALSE_6025 0.0258529096 -2.071895e-02 -0.3188628891 -0.3101433
## FALSE_6026 -0.1751514579 -4.921262e-01 0.7124052183 -0.3101433
## FALSE_6027 1.0184670280 1.085322e+00 -0.3188628891 -0.3101433
## FALSE_6028 -0.4506018761 -8.507261e-01 -0.3188628891 -0.3101433
## FALSE_6029 -0.4506018761 -2.321073e-01 -0.3188628891 -0.3101433
## FALSE_6030 -0.4506018761 -6.934754e-01 -0.3188628891 -0.3101433
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## FALSE_6032 0.0502170720 -1.963035e-01 0.3028799150 -0.3101433
## FALSE_6033 0.0053160536 -4.128652e-01 -0.0022650919 -0.3101433
## FALSE_6034 -0.3689869308 -2.166988e-01 -0.3188628891 -0.3101433
## FALSE_6035 -0.0098812071 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6036 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6037 -0.3498657137 -3.604189e-01 0.4775836593 -0.3101433
## TRUE_6038 -0.4506018761 -8.392865e-01 -0.3188628891 -0.3101433
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## FALSE_6041 -0.2302415416 -5.397715e-01 -0.3188628891 -0.3101433
## FALSE_6042 -0.1567881041 -5.131588e-01 -0.3188628891 -0.3101433
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## FALSE_6044 -0.0714873237 -3.332668e-01 -0.3188628891 -0.3101433
## FALSE_6045 -0.4246771218 -5.996646e-01 -0.3188628891 -0.3101433
## FALSE_6046 -0.4506018761 -7.838947e-01 -0.3188628891 -0.3101433
## FALSE_6047 0.8086000322 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6048 -0.4126087134 -4.189799e-01 0.5909240741 -0.3101433
## FALSE_6049 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_6050 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433
## FALSE_6051 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6052 0.3139135801 3.531651e-01 -0.3188628891 -0.3101433
## FALSE_6053 0.6511997965 5.444825e-01 -0.3188628891 -0.3101433
## TRUE_6054 0.1527656981 -1.637595e-01 -0.3188628891 -0.3101433
## FALSE_6055 1.2021006327 9.951818e-01 -0.3188628891 -0.3101433
## FALSE_6056 -0.4506018761 -2.614741e-01 -0.3188628891 -0.3101433
## FALSE_6057 -0.3709535587 -6.865579e-01 -0.3188628891 -0.3101433
## FALSE_6058 0.3158688593 1.745170e-01 -0.3188628891 -0.3101433
## FALSE_6059 -0.3704708373 -4.100169e-01 -0.3188628891 -0.3101433
## FALSE_6060 0.1527656981 5.874062e-01 -0.3188628891 -0.3101433
## FALSE_6061 0.8807418189 4.800968e-01 -0.3188628891 -0.3101433
## TRUE_6062 -0.4506018761 -3.569164e-01 1.4625699617 -0.3101433
## FALSE_6063 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6064 -0.4506018761 -3.284511e-01 -0.3188628891 -0.3101433
## FALSE_6065 -0.3036949791 -5.477124e-01 -0.3188628891 -0.3101433
## FALSE_6066 -0.0605835859 2.331973e-02 -0.3188628891 -0.3101433
## FALSE_6067 -0.4506018761 -6.481375e-01 -0.3188628891 -0.3101433
## FALSE_6068 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6069 -0.2186436246 -1.690459e-01 -0.3188628891 -0.3101433

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## FALSE_6070 -0.4506018761 -6.373515e-01 -0.3188628891 -0.3101433
## FALSE_6071 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6072 -0.4506018761 -6.629727e-01 -0.3188628891 -0.3101433
## FALSE_6073 -0.4310142883 -5.891625e-01 -0.2706850382 -0.3101433
## FALSE_6074 0.0609489068 -1.659670e-01 1.1637982091 -0.3101433
## FALSE_6075 2.2294562546 1.955537e+00 -0.3188628891 -0.3101433
## FALSE_6076 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_6077 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## TRUE_6078 -0.4506018761 -8.977556e-01 1.7871789312 -0.3101433
## FALSE_6079 -0.4506018761 -4.069941e-01 -0.3188628891 -0.3101433
## TRUE_6080 -0.1088185019 -6.537034e-01 -0.3188628891 -0.3101433
## FALSE_6081 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
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## FALSE_6086 -0.4434683934 -6.544100e-01 -0.3188628891 -0.3101433
## TRUE_6087 -0.4506018761 -6.277570e-02 -0.1661347161 -0.3101433
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## FALSE_6092 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6093 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
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## FALSE_6105 -0.0571012756 -3.697935e-01 -0.3188628891 -0.3101433
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## FALSE_6107 -0.4506018761 -6.510570e-01 -0.3188628891 -0.3101433
## FALSE_6108 -0.0571012756 -4.786534e-02 -0.3188628891 -0.3101433
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## TRUE_6113 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## TRUE_6114 -0.4506018761 -7.704993e-01 -0.0046226708 -0.3101433
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## FALSE_6117 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_6118 -0.3732824589 -6.962399e-01 1.8303779284 -0.3101433
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## FALSE_6120 0.8231121045 6.685047e-01 -0.3188628891 -0.3101433
## FALSE_6121 -0.4506018761 -8.526857e-01 -0.3188628891 -0.3101433
## FALSE_6122 -0.4506018761 -7.704993e-01 1.8493278883 -0.3101433
## FALSE_6123 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433

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## TRUE_6126 -0.4506018761 -8.076158e-01 1.7146519569 -0.3101433
## FALSE_6127 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_6128 -0.4506018761 -5.732521e-01 -0.3188628891 -0.3101433
## TRUE_6129 -0.3943157206 -7.363806e-01 0.9184758454 -0.3101433
## FALSE_6130 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6131 -0.3546033067 -2.641652e-01 -0.3188628891 -0.3101433
## TRUE_6132 -0.2873720076 -4.170096e-01 1.7253515101 -0.3101433
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## FALSE_6136 -0.3918391129 -4.881600e-01 -0.3188628891 -0.3101433
## TRUE_6137 -0.4506018761 -8.977556e-01 2.6300062163 -0.3101433
## FALSE_6138 -0.4506018761 -3.526745e-01 -0.3188628891 -0.3101433
## FALSE_6139 -0.4506018761 -6.432430e-01 -0.3188628891 -0.3101433
## FALSE_6140 -0.3746155508 -3.071840e-01 -0.3188628891 -0.3101433
## FALSE_6141 -0.2186436246 -2.145902e-01 -0.3188628891 -0.3101433
## FALSE_6142 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_6143 -0.4506018761 -6.515199e-01 2.4847399167 -0.3101433
## FALSE_6144 -0.0673665194 6.791682e-02 -0.3188628891 -0.3101433
## FALSE_6145 -0.4506018761 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_6146 -0.2407348803 -5.028571e-01 -0.3188628891 -0.3101433
## FALSE_6147 0.4308394619 1.698273e+00 -0.3188628891 -0.3101433
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## FALSE_6149 0.1921157736 -8.649671e-02 -0.3188628891 -0.3101433
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## TRUE_6152 -0.4506018761 -8.659416e-01 2.6259324373 -0.3101433
## FALSE_6153 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_6154 2.0284518871 2.257140e+00 -0.3188628891 -0.3101433
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## FALSE_6169 -0.0732031375 -4.271120e-01 -0.2769902612 -0.3101433
## TRUE_6170 -0.1358014045 -9.937384e-02 0.4100661041 -0.3101433
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## FALSE_6172 0.1572887042 4.947501e-01 -0.3188628891 -0.3101433
## FALSE_6173 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_6174 -0.1751514579 -5.259286e-01 -0.3188628891 -0.3101433
## FALSE_6175 0.2104791274 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6176 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6177 0.6511997965 1.265601e+00 -0.3188628891 -0.3101433

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## FALSE_6181 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6182 -0.4506018761 -8.231571e-01 -0.3188628891 -0.3101433
## FALSE_6183 -0.3447230324 -6.414660e-01 -0.3188628891 -0.3101433
## FALSE_6184 -0.2407348803 -6.917216e-01 1.5322383540 -0.3101433
## FALSE_6185 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6186 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6187 -0.3170501595 -3.896945e-01 1.7948203726 -0.3101433
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## FALSE_6189 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_6190 -0.1241421172 -5.772583e-01 -0.1858825129 -0.3101433
## TRUE_6191 -0.4506018761 -6.273360e-01 0.7337258574 -0.3101433
## TRUE_6192 -0.3025986644 -6.973198e-01 -0.3107035818 -0.3101433
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## FALSE_6196 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
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## FALSE_6198 -0.4506018761 -8.449908e-01 -0.3188628891 -0.3101433
## FALSE_6199 -0.3902291823 -6.085397e-01 -0.2712217505 -0.3101433
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## FALSE_6201 -0.4506018761 5.444825e-01 0.1127606204 -0.3101433
## FALSE_6202 -0.4506018761 -2.393426e-01 -0.3188628891 -0.3101433
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## FALSE_6204 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
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## FALSE_6206 -0.3547930369 -5.165927e-01 -0.3188628891 -0.3101433
## FALSE_6207 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6208 -0.1358014045 -1.251281e-01 -0.3188628891 -0.3101433
## FALSE_6209 -0.3578185843 -6.298030e-01 -0.1488627625 -0.3101433
## FALSE_6210 -0.4506018761 -6.917216e-01 1.4363391686 -0.3101433
## TRUE_6211 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6212 2.4875359100 1.986721e+00 -0.3188628891 -0.3101433
## TRUE_6213 -0.0098812071 2.848796e-01 0.7763912203 -0.3101433
## TRUE_6214 0.0543905645 -4.222678e-01 -0.1492026176 -0.3101433
## FALSE_6215 1.1234005038 1.337713e+00 -0.3188628891 -0.3101433
## FALSE_6216 -0.4506018761 -6.264904e-01 0.2284840937 -0.3101433
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## FALSE_6220 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_6221 -0.4506018761 -7.868142e-01 -0.3188628891 -0.3101433
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## TRUE_6223 -0.4506018761 6.373641e-02 0.6353305833 -0.3101433
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## FALSE_6229 0.0168291318 1.988221e-01 -0.3188628891 -0.3101433
## TRUE_6230 -0.1751514579 4.543426e-01 -0.3188628891 -0.3101433
## TRUE_6231 -0.1861694747 1.622894e-01 -0.3188628891 -0.3101433

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## FALSE_6232 -0.4506018761 -8.000811e-01 -0.3188628891 -0.3101433
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## FALSE_6235 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6236 1.7530014690 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_6237 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## TRUE_6238 -0.4506018761 -5.215196e-01 1.2923937558 -0.3101433
## TRUE_6239 -0.4506018761 -5.649315e-01 1.8613355248 -0.3101433
## FALSE_6240 -0.2589841977 -7.096376e-01 -0.3188628891 -0.3101433
## FALSE_6241 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6242 2.3539841934 2.183389e+00 -0.3188628891 -0.3101433
## FALSE_6243 -0.27644446031 -3.082960e-01 -0.2088397684 -0.3101433
## FALSE_6244 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6245 0.8086000322 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_6246 -0.4506018761 -5.455812e-01 -0.3188628891 -0.3101433
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## FALSE_6248 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_6249 -0.4506018761 -7.300535e-01 -0.0160141161 -0.3101433
## TRUE_6250 -0.4506018761 -2.796536e-01 0.7919830703 -0.3101433
## FALSE_6251 -0.4506018761 -4.734563e-01 -0.3188628891 -0.3101433
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## FALSE_6256 -0.0528783563 1.872898e-01 -0.3188628891 -0.3101433
## FALSE_6257 -0.3152928960 -2.490306e-01 -0.3188628891 -0.3101433
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## TRUE_6259 -0.3404217088 -2.938184e-01 -0.2802463602 -0.3101433
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## FALSE_6261 0.2680262729 2.792823e-01 -0.3188628891 -0.3101433
## FALSE_6262 0.2567275832 3.174635e-01 -0.2278704189 -0.3101433
## FALSE_6263 1.4382009974 1.883704e+00 -0.3188628891 -0.3101433
## FALSE_6264 -0.2669682713 -5.645009e-02 -0.3188628891 -0.3101433
## FALSE_6265 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6266 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6267 1.0592745006 1.083986e+00 -0.3188628891 -0.3101433
## FALSE_6268 -0.3084339162 -5.040926e-01 0.7234118994 -0.3101433
## FALSE_6269 -0.4506018761 -5.612334e-01 -0.3188628891 -0.3101433
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## FALSE_6272 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_6273 1.4139855782 1.321072e+00 -0.3188628891 -0.3101433
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## FALSE_6279 -0.4506018761 -8.436717e-01 -0.3188628891 -0.3101433
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## TRUE_6281 -0.4506018761 -4.650842e-01 4.4449857754 -0.3101433
## TRUE_6282 -0.4506018761 -4.142678e-02 -0.3188628891 -0.3101433
## TRUE_6283 -0.3917323262 -6.954346e-01 0.0410004495 -0.3101433
## FALSE_6284 -0.4506018761 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_6285 -0.3281794582 -1.616133e-01 -0.3188628891 -0.3101433

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## FALSE_6286 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
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## FALSE_6288 -0.4223505574 -6.785379e-01 -0.3188628891 -0.3101433
## FALSE_6289 -0.4216071057 -5.719869e-01 -0.3188628891 -0.3101433
## FALSE_6290 2.3039023052 1.986721e+00 -0.3188628891 -0.3101433
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## FALSE_6294 -0.4506018761 -4.921262e-01 -0.3188628891 -0.3101433
## TRUE_6295 -0.1751514579 -1.586086e-01 -0.3188628891 -0.3101433
## FALSE_6296 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
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## FALSE_6299 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
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## FALSE_6301 -0.1115859853 -6.569521e-02 -0.3188628891 -0.3101433
## FALSE_6302 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6303 0.6511997965 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6304 -0.4506018761 3.041094e-01 -0.3188628891 -0.3101433
## FALSE_6305 -0.4506018761 -6.840907e-01 -0.3188628891 -0.3101433
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## TRUE_6308 0.4308394619 9.290793e-01 0.8201413144 -0.3101433
## FALSE_6309 -0.2407348803 5.444825e-01 -0.3188628891 -0.3101433
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## FALSE_6313 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
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## TRUE_6330 -0.4506018761 -8.977556e-01 1.2254741446 -0.3101433
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## TRUE_6332 -0.3838260178 -5.944751e-01 0.3350875708 -0.3101433
## FALSE_6333 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
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## FALSE_6336 0.4308394619 4.002586e-01 -0.3188628891 -0.3101433
## FALSE_6337 -0.4506018761 -8.977556e-01 2.6785165938 -0.3101433
## FALSE_6338 1.0184670280 1.986721e+00 -0.3188628891 -0.3101433
## TRUE_6339 -0.4506018761 -1.766366e-01 4.7270275677 -0.3101433

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## FALSE_6340 -0.4506018761 -6.622882e-01 -0.3188628891 -0.3101433
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## FALSE_6342 -0.4025232616 -5.221182e-01 -0.0928326232 -0.3101433
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## FALSE_6344 -0.3170501595 -6.355305e-01 -0.3188628891 -0.3101433
## FALSE_6345 -0.3084339162 7.924435e-02 -0.3188628891 -0.3101433
## FALSE_6346 -0.2226429002 -5.869285e-01 -0.3188628891 -0.3101433
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## FALSE_6349 -0.4506018761 -7.454065e-01 -0.3188628891 -0.3101433
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## TRUE_6352 -0.4506018761 -6.573826e-01 4.1816600220 -0.3101433
## FALSE_6353 -0.4506018761 -3.985194e-01 -0.3188628891 -0.3101433
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## FALSE_6357 -0.1685406479 -4.362395e-01 -0.3188628891 -0.3101433
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## FALSE_6359 -0.1466565970 -3.382956e-01 -0.3188628891 -0.3101433
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## FALSE_6380 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6381 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_6382 -0.4506018761 -8.977556e-01 1.5063805585 -0.3101433
## FALSE_6383 -0.3152928960 -6.753377e-01 -0.1113196877 -0.3101433
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## FALSE_6387 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## TRUE_6388 -0.4506018761 -8.718593e-01 0.7870011596 -0.3101433
## FALSE_6389 -0.4506018761 -8.707137e-01 -0.3188628891 -0.3101433
## TRUE_6390 -0.4506018761 -3.241279e-02 0.2709109320 -0.3101433
## FALSE_6391 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6392 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_6393 0.6511997965 7.247622e-01 -0.3188628891 -0.3101433

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## FALSE_6394 -0.4506018761 -8.119882e-01 0.8801113592 -0.3101433
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## FALSE_6396 2.8548031415 2.347280e+00 -0.3188628891 -0.3101433
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## TRUE_6398 -0.4506018761 -6.683087e-01 2.5218709981 -0.3101433
## FALSE_6399 0.1002989602 4.871311e-02 -0.3188628891 -0.3101433
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## FALSE_6401 -0.4506018761 -8.204929e-01 -0.3188628891 -0.3101433
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## FALSE_6403 -0.4506018761 -7.073747e-01 -0.3188628891 -0.3101433
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## FALSE_6405 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
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## FALSE_6407 0.1002989602 -8.649671e-02 -0.3188628891 -0.3101433
## FALSE_6408 -0.3565299171 -1.479105e-01 -0.3188628891 -0.3101433
## FALSE_6409 -0.1685406479 -3.610399e-01 0.4534375033 -0.3101433
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## FALSE_6425 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## TRUE_6426 -0.4506018761 -8.129181e-01 4.6627136677 -0.3101433
## FALSE_6427 0.1292937306 -1.386830e-01 -0.3188628891 -0.3101433
## FALSE_6428 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6429 -0.0308679066 -3.483316e-01 0.2052899591 -0.3101433
## FALSE_6430 -0.3456683782 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_6431 -0.1751514579 -3.974793e-01 -0.3188628891 -0.3101433
## FALSE_6432 -0.0142994538 -1.010788e-01 -0.3188628891 -0.3101433
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## FALSE_6437 1.7530014690 1.806441e+00 -0.3188628891 -0.3101433
## FALSE_6438 -0.3012050395 -7.332239e-01 -0.3188628891 -0.3101433
## FALSE_6439 -0.2669682713 -3.569164e-01 -0.3188628891 -0.3101433
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## TRUE_6444 0.0740655912 -1.079586e-01 0.2595419391 -0.3101433
## FALSE_6445 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6446 -0.2707158955 -1.324864e-01 0.0035400615 -0.3101433
## FALSE_6447 0.7077024559 1.671527e-01 -0.3188628891 -0.3101433

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## FALSE_6448 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
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## FALSE_6458 0.0579219711 -9.343056e-02 -0.3188628891 -0.3101433
## FALSE_6459 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
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## FALSE_6464 0.2755855799 3.251614e-01 -0.3188628891 -0.3101433
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## FALSE_6472 0.1002989602 8.599720e-01 -0.1434584417 -0.3101433
## FALSE_6473 -0.0308679066 -1.422976e-01 -0.3188628891 -0.3101433
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## FALSE_6481 -0.4506018761 -1.110803e-01 -0.3188628891 -0.3101433
## TRUE_6482 -0.2669682713 -7.475225e-01 -0.3188628891 -0.3101433
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## FALSE_6488 -0.1358014045 -1.517408e-01 0.2770677212 -0.3101433
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## FALSE_6491 0.6511997965 8.249176e-01 -0.3188628891 -0.3101433
## FALSE_6492 -0.4346337289 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_6493 -0.4506018761 -8.544885e-01 -0.3188628891 -0.3101433
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## FALSE_6496 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6497 -0.3246816786 -5.268944e-01 -0.3188628891 -0.3101433
## FALSE_6498 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
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## FALSE_6500 0.4737059154 6.741304e-01 -0.3188628891 -0.3101433
## FALSE_6501 -0.4506018761 -7.625458e-01 -0.3188628891 -0.3101433

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## FALSE_6502 -0.3456683782 -5.749690e-01 -0.3188628891 -0.3101433
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## FALSE_6510 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_6511 -0.4506018761 -8.129181e-01 -0.3188628891 -0.3101433
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## FALSE_6531 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6532 0.6511997965 2.347280e+00 -0.3188628891 -0.3101433
## FALSE_6533 -0.4506018761 -7.581842e-01 -0.3188628891 -0.3101433
## TRUE_6534 -0.4506018761 -7.096376e-01 4.3597457889 -0.3101433
## TRUE_6535 -0.4506018761 -7.010868e-01 2.1322125485 -0.3101433
## TRUE_6536 -0.4506018761 -1.766366e-01 2.3816561341 -0.3101433
## TRUE_6537 -0.3802741177 -5.931979e-01 -0.3113988701 -0.3101433
## TRUE_6538 -0.4506018761 -6.700338e-01 5.2684680461 -0.3101433
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## TRUE_6540 -0.3704708373 -6.407750e-01 0.3313333120 -0.3101433
## FALSE_6541 -0.4506018761 -5.732521e-01 -0.3188628891 -0.3101433
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## FALSE_6544 0.0390877513 4.643581e-01 1.2714595650 -0.3101433
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## FALSE_6546 -0.3314881907 -6.009468e-01 -0.3188628891 -0.3101433
## TRUE_6547 -0.4506018761 -4.614840e-02 0.6625040772 -0.3101433
## FALSE_6548 -0.1606540617 -6.415686e-01 -0.3188628891 -0.3101433
## FALSE_6549 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433
## FALSE_6550 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_6551 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6552 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_6553 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6554 -0.2589841977 -4.195081e-03 -0.3188628891 -0.3101433
## FALSE_6555 -0.4506018761 -8.290776e-01 -0.3188628891 -0.3101433

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## FALSE_6556 -0.1466565970 -4.128652e-01 -0.1680563806 -0.3101433
## FALSE_6557 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6558 0.2023176417 1.438608e-01 -0.3188628891 -0.3101433
## FALSE_6559 -0.3330763717 -3.271213e-01 0.0997175595 -0.3101433
## FALSE_6560 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_6561 0.2394153261 3.678550e-02 -0.3188628891 -0.3101433
## TRUE_6562 -0.0902642278 -8.889060e-02 -0.0120799362 -0.3101433
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## TRUE_6604 0.1789990891 -8.220433e-02 0.2598377655 -0.3101433
## FALSE_6605 -0.2334742056 -4.051297e-01 -0.3107849210 -0.3101433
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## FALSE_6607 0.5287773786 7.447933e-01 -0.3188628891 -0.3101433
## FALSE_6608 -0.2302415416 -6.195428e-01 1.6944516046 -0.3101433
## FALSE_6609 -0.4506018761 -8.016064e-01 -0.3188628891 -0.3101433

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## FALSE_6610 -0.2026392281 -2.086919e-01 -0.2092014226 -0.3101433
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## FALSE_6612 -0.0833346446 -2.423419e-01 -0.3188628891 -0.3101433
## TRUE_6613 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_6614 -0.4506018761 -3.887304e-01 -0.3188628891 -0.3101433
## TRUE_6615 -0.4506018761 -8.977556e-01 1.8408752730 -0.3101433
## FALSE_6616 -0.2810939197 -4.365564e-01 -0.3188628891 -0.3101433
## FALSE_6617 -0.0098812071 8.329301e-01 -0.3188628891 -0.3101433
## FALSE_6618 -0.2232459824 -4.164813e-01 -0.3188628891 -0.3101433
## FALSE_6619 -0.3504380776 -4.388617e-01 -0.3188628891 -0.3101433
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## FALSE_6622 0.3363993249 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6623 1.7530014690 1.806441e+00 -0.3188628891 -0.3101433
## FALSE_6624 1.0542979709 9.841892e-01 -0.3188628891 -0.3101433
## FALSE_6625 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_6626 -0.2302415416 -2.917243e-01 -0.3188628891 -0.3101433
## FALSE_6627 -0.3531636265 -2.821409e-01 -0.3188628891 -0.3101433
## TRUE_6628 -0.4506018761 -8.076158e-01 3.0012123379 -0.3101433
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## FALSE_6637 2.2426910963 1.905523e+00 -0.3188628891 -0.3101433
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## FALSE_6647 -0.4506018761 -8.227301e-01 1.3509346720 -0.3101433
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## FALSE_6651 0.1789990891 2.939742e-02 -0.3188628891 -0.3101433
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## FALSE_6653 -0.3624577423 -4.362395e-01 0.4815766976 -0.3101433
## FALSE_6654 -0.2541566096 -9.278555e-02 -0.3188628891 -0.3101433
## FALSE_6655 -0.2057570624 -9.851538e-02 -0.3188628891 -0.3101433
## FALSE_6656 0.8479500857 7.968741e-01 -0.3188628891 -0.3101433
## TRUE_6657 -0.4506018761 -4.650842e-01 0.9131926439 -0.3101433
## FALSE_6658 -0.3170501595 -7.338649e-01 -0.3188628891 -0.3101433
## TRUE_6659 -0.2777702468 -4.735680e-01 0.9987823851 -0.3101433
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## FALSE_6662 -0.3990556053 -6.889052e-01 -0.3188628891 -0.3101433
## FALSE_6663 0.0390877513 -1.165433e-01 1.2744707052 -0.3101433

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## FALSE_6664 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
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## TRUE_6666 0.3507084232 2.822574e-01 -0.3188628891 -0.3101433
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## FALSE_6678 -0.4300074620 -6.822908e-01 1.5288722567 -0.3101433
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## FALSE_6683 -0.4001026254 -2.248974e-01 -0.3188628891 -0.3101433
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## FALSE_6685 -0.4506018761 -6.355305e-01 -0.3188628891 -0.3101433
## FALSE_6686 -0.0980253409 -4.683517e-02 -0.3188628891 -0.3101433
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## FALSE_6697 -0.4506018761 -7.868142e-01 -0.3188628891 -0.3101433
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## FALSE_6715 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_6716 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6717 -0.4506018761 -8.715331e-01 -0.3188628891 -0.3101433

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## FALSE_6718 -0.4506018761 -8.276420e-01 -0.3188628891 -0.3101433
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## FALSE_6750 0.1789990891 3.384484e-01 -0.3188628891 -0.3101433
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## FALSE_6753 0.3538882449 3.834120e-01 -0.3188628891 -0.3101433
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## FALSE_6770 -0.4506018761 -5.887046e-01 0.3330097709 -0.3101433
## FALSE_6771 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433

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## FALSE_6772 0.5009541098 8.067076e-01 -0.3188628891 -0.3101433
## TRUE_6773 -0.2345623229 -4.101729e-01 0.3655986374 -0.3101433
## FALSE_6774 -0.2057570624 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_6775 -0.4506018761 -8.301507e-01 -0.3188628891 -0.3101433
## FALSE_6776 -0.2290129225 -4.145092e-01 -0.3188628891 -0.3101433
## FALSE_6777 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6778 -0.1567881041 1.118110e-01 -0.3188628891 -0.3101433
## FALSE_6779 -0.3257310125 -5.544182e-01 0.9796991776 -0.3101433
## FALSE_6780 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6781 -0.4506018761 -7.744565e-01 -0.2728370443 -0.3101433
## FALSE_6782 -0.3128766670 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_6783 -0.3906027812 -4.969377e-01 -0.3188628891 -0.3101433
## TRUE_6784 0.0390877513 -9.078910e-02 -0.0489149118 -0.3101433
## FALSE_6785 -0.4506018761 -8.456259e-01 -0.3188628891 -0.3101433
## FALSE_6786 0.0635722304 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6787 0.2200600202 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6788 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6789 -0.1161263778 -3.816589e-01 -0.0154094465 -0.3101433
## FALSE_6790 -0.0239237796 -3.387989e-01 0.2492757100 -0.3101433
## FALSE_6791 -0.3504380776 -4.497877e-01 -0.3188628891 -0.3101433
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## FALSE_6795 -0.1015703657 -7.996225e-02 -0.3188628891 -0.3101433
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## TRUE_6799 -0.4506018761 -1.766366e-01 -0.0623917315 -0.3101433
## FALSE_6800 0.0390877513 7.047311e-01 -0.3188628891 -0.3101433
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## FALSE_6804 -0.4168301784 -8.098951e-01 -0.3188628891 -0.3101433
## FALSE_6805 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_6806 0.0591869496 -1.902135e-01 -0.0178525573 -0.3101433
## FALSE_6807 -0.1846497376 -4.175396e-01 -0.3188628891 -0.3101433
## TRUE_6808 -0.4506018761 -6.917216e-01 0.5334256938 -0.3101433
## FALSE_6809 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_6810 -0.3156873851 -3.017287e-01 -0.3188628891 -0.3101433
## TRUE_6811 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6812 -0.2621357912 -1.847870e-01 -0.3188628891 -0.3101433
## TRUE_6813 -0.4506018761 -4.959893e-01 1.6056554386 -0.3101433
## FALSE_6814 -0.4506018761 -7.481040e-01 0.3831356583 -0.3101433
## TRUE_6815 -0.3209781486 -3.251023e-01 0.0527184633 -0.3101433
## TRUE_6816 -0.4506018761 -8.977556e-01 2.3842131042 -0.3101433
## FALSE_6817 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_6818 -0.4506018761 -7.068712e-01 -0.3188628891 -0.3101433
## FALSE_6819 -0.2824321459 -3.436326e-01 0.6692254237 -0.3101433
## TRUE_6820 -0.4506018761 -7.010868e-01 2.9953417057 -0.3101433
## TRUE_6821 0.4098527624 6.595181e-01 -0.1043176164 -0.3101433
## FALSE_6822 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6823 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## TRUE_6824 -0.4506018761 -7.174759e-01 0.6260450655 -0.3101433
## FALSE_6825 -0.1115859853 7.663652e-01 -0.3188628891 -0.3101433

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## FALSE_6826 -0.1901760222 1.272535e-01 -0.3188628891 -0.3101433
## TRUE_6827 -0.1358014045 -4.856876e-01 0.1826386637 -0.3101433
## FALSE_6828 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6829 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_6830 -0.4506018761 -7.775691e-01 -0.3188628891 -0.3101433
## FALSE_6831 -0.4263864569 -7.265889e-01 1.4837473695 -0.3101433
## FALSE_6832 -0.0499467264 -5.044180e-01 -0.3188628891 -0.3101433
## FALSE_6833 0.0696933557 2.324983e-01 -0.3188628891 -0.3101433
## FALSE_6834 0.7456399335 8.998911e-01 -0.3188628891 -0.3101433
## FALSE_6835 -0.4280008167 -7.247399e-01 -0.0677536089 -0.3101433
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## FALSE_6839 -0.2063470552 -3.402226e-01 -0.2877744374 -0.3101433
## FALSE_6840 -0.4506018761 -2.711281e-01 -0.3188628891 -0.3101433
## FALSE_6841 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6842 -0.0888162621 -2.299497e-01 0.2419961153 -0.3101433
## FALSE_6843 -0.1567881041 1.118110e-01 0.7610061920 -0.3101433
## FALSE_6844 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_6845 -0.1115859853 -4.188864e-01 0.0202592822 -0.3101433
## FALSE_6846 1.1408894238 4.672197e-01 -0.3188628891 -0.3101433
## FALSE_6847 1.1971375671 1.051215e+00 -0.3188628891 -0.3101433
## FALSE_6848 -0.4506018761 -6.573826e-01 -0.3188628891 -0.3101433
## FALSE_6849 -0.2630611724 -2.286931e-01 0.5718885921 -0.3101433
## FALSE_6850 -0.3279953692 -1.253992e-01 -0.2419053357 -0.3101433
## FALSE_6851 -0.3817392715 -5.175824e-01 -0.3188628891 -0.3101433
## FALSE_6852 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_6853 -0.4506018761 -5.561729e-01 -0.3188628891 -0.3101433
## FALSE_6854 -0.2280156818 -6.413578e-01 -0.3188628891 -0.3101433
## FALSE_6855 -0.4506018761 1.025228e+00 -0.3188628891 -0.3101433
## FALSE_6856 -0.3718138234 -4.938368e-01 0.3094345979 -0.3101433
## FALSE_6857 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_6858 -0.4506018761 -3.208604e-01 -0.3188628891 -0.3101433
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## TRUE_6860 -0.4506018761 -8.462471e-01 2.2188178760 -0.3101433
## FALSE_6861 -0.4445190494 -5.157659e-01 0.9130741569 -0.3101433
## TRUE_6862 -0.1913544211 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6863 0.0854097413 2.911163e-01 -0.3188628891 -0.3101433
## FALSE_6864 -0.4506018761 -5.011402e-01 -0.3188628891 -0.3101433
## TRUE_6865 -0.0550833258 -1.766366e-01 2.2971819804 -0.3101433
## FALSE_6866 0.3633417032 4.437856e-01 -0.3188628891 -0.3101433
## FALSE_6867 1.0184670280 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6868 -0.3902291823 -4.631085e-01 -0.3188628891 -0.3101433
## TRUE_6869 -0.4506018761 -7.432301e-01 2.5706338679 -0.3101433
## FALSE_6870 -0.4506018761 -4.881600e-01 -0.3188628891 -0.3101433
## FALSE_6871 0.3158688593 1.055404e-01 -0.3188628891 -0.3101433
## FALSE_6872 -0.1466565970 -5.335792e-01 -0.3188628891 -0.3101433
## TRUE_6873 -0.4506018761 -8.977556e-01 0.6121257924 -0.3101433
## FALSE_6874 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## TRUE_6875 -0.4506018761 -8.977556e-01 9.2956993484 -0.3101433
## FALSE_6876 -0.3965257144 -6.086998e-01 0.1880365954 -0.3101433
## FALSE_6877 0.0390877513 -2.434069e-01 -0.3188628891 -0.3101433
## FALSE_6878 -0.2302415416 -5.732521e-01 -0.3188628891 -0.3101433
## FALSE_6879 -0.2766331875 -2.884287e-01 0.0685147028 -0.3101433

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## FALSE_6880 -0.4506018761 -4.341791e-01 -0.3188628891 -0.3101433
## FALSE_6881 -0.3053093389 -9.556250e-02 -0.3188628891 -0.3101433
## FALSE_6882 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6883 -0.4506018761 -7.096376e-01 -0.3188628891 -0.3101433
## FALSE_6884 -0.4348618459 -5.310756e-01 -0.3188628891 -0.3101433
## FALSE_6885 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6886 0.5287773786 8.649798e-01 -0.3188628891 -0.3101433
## FALSE_6887 -0.4506018761 -7.468237e-01 -0.3188628891 -0.3101433
## TRUE_6888 -0.4506018761 -8.819069e-01 3.3445224313 -0.3101433
## FALSE_6889 -0.4506018761 -6.268317e-01 -0.0330789093 -0.3101433
## FALSE_6890 -0.4506018761 -7.717191e-02 -0.3188628891 -0.3101433
## FALSE_6891 -0.3918391129 -6.900734e-01 -0.3188628891 -0.3101433
## TRUE_6892 -0.3128766670 -4.132538e-01 -0.3188628891 -0.3101433
## FALSE_6893 -0.4506018761 -7.313435e-01 -0.3188628891 -0.3101433
## FALSE_6894 0.3271404888 -8.331530e-02 3.3676736627 -0.3101433
## FALSE_6895 1.0184670280 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6896 -0.0833346446 -2.968231e-01 -0.3188628891 -0.3101433
## TRUE_6897 -0.1751514579 -1.766366e-01 0.8217927201 -0.3101433
## FALSE_6898 -0.4506018761 -5.159867e-01 -0.3188628891 -0.3101433
## FALSE_6899 -0.2458878305 -3.473391e-01 0.5910170672 -0.3101433
## FALSE_6900 -0.3346227503 -4.878564e-01 -0.3188628891 -0.3101433
## TRUE_6901 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6902 -0.4506018761 -2.567609e-01 -0.3188628891 -0.3101433
## FALSE_6903 -0.4506018761 -6.917216e-01 -0.3188628891 -0.3101433
## FALSE_6904 -0.1358014045 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6905 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6906 0.3538882449 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6907 -0.1913544211 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6908 -0.1241421172 -2.338683e-01 -0.3188628891 -0.3101433
## FALSE_6909 -0.4506018761 -4.856876e-01 -0.3188628891 -0.3101433
## FALSE_6910 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6911 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_6912 -0.4322909239 -8.091832e-01 -0.3188628891 -0.3101433
## TRUE_6913 -0.4506018761 -4.764897e-01 -0.3188628891 -0.3101433
## FALSE_6914 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6915 -0.2986292255 2.399848e-03 -0.3188628891 -0.3101433
## FALSE_6916 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_6917 -0.0499467264 1.110826e-01 0.4231343794 -0.3101433
## TRUE_6918 -0.3820453300 -6.080454e-01 -0.1811392760 -0.3101433
## FALSE_6919 0.6511997965 3.642027e-01 -0.3188628891 -0.3101433
## FALSE_6920 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6921 -0.4506018761 -3.241279e-02 -0.3188628891 -0.3101433
## FALSE_6922 -0.2810939197 -6.569521e-02 -0.3188628891 -0.3101433
## FALSE_6923 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_6924 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_6925 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6926 0.2839325649 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6927 -0.3568315242 -6.599398e-01 5.7102691805 -0.3101433
## FALSE_6928 -0.4506018761 -4.379888e-02 -0.3188628891 -0.3101433
## FALSE_6929 -0.2226429002 -2.711935e-01 -0.3188628891 -0.3101433
## FALSE_6930 -0.3893906671 -1.205496e-01 -0.3188628891 -0.3101433
## TRUE_6931 -0.3170501595 -2.421929e-01 0.2201260207 -0.3101433
## FALSE_6932 0.6103923238 8.382717e-01 -0.3188628891 -0.3101433
## FALSE_6933 0.0989182484 4.367890e-01 -0.2665397455 -0.3101433

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## FALSE_6934 -0.2186436246 -3.777908e-01 -0.3188628891 -0.3101433
## FALSE_6935 -0.2630611724 -4.962085e-01 -0.3188628891 -0.3101433
## FALSE_6936 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_6937 -0.4506018761 -7.485586e-01 -0.3188628891 -0.3101433
## TRUE_6938 -0.3456683782 -7.947386e-01 2.0799132567 -0.3101433
## FALSE_6939 1.4382009974 1.111076e+00 -0.3188628891 -0.3101433
## FALSE_6940 -0.3156873851 -3.281703e-01 0.4815840543 -0.3101433
## FALSE_6941 -0.1834984430 6.373641e-02 -0.3188628891 -0.3101433
## FALSE_6942 -0.4506018761 -8.496810e-01 -0.3188628891 -0.3101433
## FALSE_6943 -0.1913544211 -2.614741e-01 -0.3188628891 -0.3101433
## FALSE_6944 -0.0718575511 -1.083878e-01 0.5462891953 -0.3101433
## FALSE_6945 -0.2251168857 -3.959198e-01 -0.3188628891 -0.3101433
## TRUE_6946 -0.4506018761 -7.375070e-01 3.9446722456 -0.3101433
## FALSE_6947 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_6948 1.0184670280 7.848555e-01 -0.3188628891 -0.3101433
## FALSE_6949 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_6950 -0.3084339162 -5.953509e-01 -0.3188628891 -0.3101433
## FALSE_6951 0.5287773786 6.646689e-01 -0.3188628891 -0.3101433
## FALSE_6952 0.3888660628 3.983856e-01 -0.3188628891 -0.3101433
## FALSE_6953 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
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## FALSE_6956 -0.4506018761 -7.925924e-01 4.3091483164 -0.3101433
## FALSE_6957 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## TRUE_6958 -0.4506018761 -4.650842e-01 0.2824010848 -0.3101433
## FALSE_6959 -0.2499485646 -3.719747e-01 -0.3188628891 -0.3101433
## FALSE_6960 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_6961 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_6962 0.6511997965 1.681632e+00 -0.3188628891 -0.3101433
## FALSE_6963 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_6964 -0.3526639594 -4.170096e-01 -0.3188628891 -0.3101433
## TRUE_6965 -0.1995584584 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6966 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
## FALSE_6967 -0.4506018761 -7.010868e-01 -0.3188628891 -0.3101433
## FALSE_6968 -0.4506018761 -5.371961e-01 -0.3188628891 -0.3101433
## FALSE_6969 -0.4506018761 -8.544885e-01 -0.3188628891 -0.3101433
## FALSE_6970 -0.2161759855 -3.191069e-01 -0.3188628891 -0.3101433
## FALSE_6971 -0.2407348803 -2.178434e-01 -0.3188628891 -0.3101433
## FALSE_6972 -0.0499467264 5.163869e-01 0.4471767604 -0.3101433
## FALSE_6973 -0.4506018761 -5.057627e-01 -0.3188628891 -0.3101433
## FALSE_6974 -0.4506018761 -7.375070e-01 -0.3188628891 -0.3101433
## FALSE_6975 -0.3209781486 -7.450481e-01 -0.3188628891 -0.3101433
## FALSE_6976 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_6977 -0.3170501595 -7.527897e-01 3.4299878377 -0.3101433
## FALSE_6978 -0.4506018761 -5.772583e-01 -0.3188628891 -0.3101433
## FALSE_6979 0.4630873238 2.454819e-01 -0.3188628891 -0.3101433
## TRUE_6980 -0.4506018761 -5.044180e-01 0.6085997305 -0.3101433
## FALSE_6981 -0.2026964998 -3.672427e-01 0.1054614124 -0.3101433
## FALSE_6982 -0.4506018761 -8.977556e-01 -0.3188628891 -0.3101433
## FALSE_6983 -0.4056303864 -6.498112e-01 -0.1904264023 -0.3101433
## FALSE_6984 -0.3817392715 -5.910870e-01 -0.3188628891 -0.3101433
## FALSE_6985 -0.4506018761 -6.244895e-01 -0.3188628891 -0.3101433
## FALSE_6986 0.5200329296 6.088681e-01 -0.3188628891 -0.3101433
## FALSE_6987 -0.4506018761 -5.044180e-01 -0.3188628891 -0.3101433

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## FALSE_6988 -0.4506018761 -6.082924e-01 -0.3188628891 -0.3101433
## TRUE_6989 -0.4506018761 -5.561729e-01 0.9090336371 -0.3101433
## FALSE_6990 -0.2502743013 -5.699743e-01 -0.3188628891 -0.3101433
## FALSE_6991 1.3122808000 1.698273e+00 -0.3188628891 -0.3101433
## FALSE_6992 0.9135335301 8.461751e-01 -0.3188628891 -0.3101433
## FALSE_6993 -0.4506018761 -7.055070e-01 0.2085588930 -0.3101433
## FALSE_6994 -0.1567881041 -4.290283e-01 -0.3188628891 -0.3101433
## FALSE_6995 -0.0642061555 -6.846875e-02 -0.3188628891 -0.3101433
## FALSE_6996 0.0168291318 3.969808e-01 -0.3188628891 -0.3101433
## FALSE_6997 -0.3658478979 -5.187059e-01 -0.3188628891 -0.3101433
## FALSE_6998 -0.4506018761 5.444825e-01 -0.3188628891 -0.3101433
## FALSE_6999 -0.3003561894 -4.458856e-01 -0.3188628891 -0.3101433
## TRUE_7000 -0.4506018761 -8.361967e-01 4.3625874387 -0.3101433
## FALSE_7001 -0.4506018761 -8.176313e-01 -0.3188628891 -0.3101433
## TRUE_7002 -0.4506018761 -8.016064e-01 4.1370691288 -0.3101433
## TRUE_7003 -0.4506018761 5.444825e-01 1.1209625525 -0.3101433
## TRUE_7004 -0.3417819491 -2.500839e-01 0.1253900716 -0.3101433
## TRUE_7005 -0.4506018761 -7.994212e-01 1.9489162016 -0.3101433
## FALSE_7006 -0.4506018761 -6.500856e-01 0.1129166798 -0.3101433
## FALSE_7007 -0.4506018761 -8.700203e-01 -0.3188628891 -0.3101433
## FALSE_7008 -0.2407348803 -4.856876e-01 -0.3188628891 -0.3101433
## TRUE_7009 -0.4506018761 -7.593008e-01 0.5977963962 -0.3101433
## FALSE_7010 -0.2345805688 -5.114350e-01 -0.3188628891 -0.3101433
## FALSE_7011 -0.3587850627 -7.625458e-01 -0.3188628891 -0.3101433
## TRUE_7012 -0.4506018761 -7.174759e-01 0.2276891578 -0.3101433
## FALSE_7013 -0.4506018761 -4.341791e-01 -0.3188628891 -0.3101433
## FALSE_7014 -0.3719017472 -6.305502e-01 -0.3188628891 -0.3101433
## FALSE_7015 0.8456353766 1.138345e+00 -0.3188628891 -0.3101433
## FALSE_7016 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## TRUE_7017 -0.4506018761 -6.949409e-01 1.6492106669 -0.3101433
## TRUE_7018 -0.3624577423 -5.437518e-01 1.4193950058 -0.3101433
## FALSE_7019 -0.3783525756 -2.948528e-01 0.3628520499 -0.3101433
## FALSE_7020 -0.0240979964 9.458644e-03 -0.3188628891 -0.3101433
## FALSE_7021 -0.4506018761 -3.853816e-01 -0.3188628891 -0.3101433
## FALSE_7022 0.4937995607 1.106784e+00 -0.3188628891 -0.3101433
## FALSE_7023 -0.2932016403 -1.895137e-01 0.1129024888 -0.3101433
## FALSE_7024 -0.4506018761 1.265601e+00 -0.3188628891 -0.3101433
## FALSE_7025 0.0258529096 -2.204884e-01 -0.2969729210 -0.3101433
## TRUE_7026 -0.3568315242 -7.169877e-01 0.4045041533 -0.3101433
## FALSE_7027 -0.4223505574 -2.390411e-01 -0.3188628891 -0.3101433
## FALSE_7028 -0.2520790524 -1.181675e-01 0.4137597276 -0.3101433
## FALSE_7029 -0.3526639594 -7.895878e-01 -0.3188628891 -0.3101433
## FALSE_7030 1.5526738942 1.331158e+00 -0.3188628891 -0.3101433
## FALSE_7031 -0.0499467264 -4.552405e-02 -0.3188628891 -0.3101433
## FALSE_7032 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_7033 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_7034 -0.4352457577 -4.077967e-01 -0.3188628891 -0.3101433
## FALSE_7035 0.0111054925 3.140990e-01 -0.3188628891 -0.3101433
## FALSE_7036 0.4150994318 4.286803e-01 -0.3188628891 -0.3101433
## FALSE_7037 -0.4506018761 -7.603996e-01 -0.3188628891 -0.3101433
## FALSE_7038 -0.4506018761 -4.135757e-01 -0.3188628891 -0.3101433
## FALSE_7039 -0.4506018761 -7.689844e-01 -0.3188628891 -0.3101433
## FALSE_7040 -0.3036949791 -4.650842e-01 -0.3188628891 -0.3101433
## FALSE_7041 -0.4307220465 -7.124472e-01 -0.2141658310 -0.3101433

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## FALSE_7042 -0.3404217088 -4.843999e-01 -0.3188628891 -0.3101433
## FALSE_7043 -0.1567881041 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_7044 -0.3375965792 -6.019119e-01 -0.3188628891 -0.3101433
## FALSE_7045 -0.4506018761 -3.077492e-01 -0.3188628891 -0.3101433
## FALSE_7046 -0.3036949791 -3.929723e-01 -0.3188628891 -0.3101433
## FALSE_7047 0.6511997965 2.354314e-01 -0.3188628891 -0.3101433
## FALSE_7048 -0.1472072113 -1.642255e-01 -0.3188628891 -0.3101433
## FALSE_7049 -0.3481086926 -5.791216e-01 -0.3188628891 -0.3101433
## FALSE_7050 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## TRUE_7051 -0.4506018761 -5.887046e-01 4.0791746253 -0.3101433
## FALSE_7052 -0.3814065935 -3.286069e-02 -0.3188628891 -0.3101433
## FALSE_7053 -0.4506018761 -8.325493e-01 -0.3188628891 -0.3101433
## FALSE_7054 -0.3456683782 -6.729913e-01 -0.3188628891 -0.3101433
## FALSE_7055 -0.4506018761 -5.699743e-01 0.1928124009 -0.3101433
## FALSE_7056 0.6511997965 4.543426e-01 -0.3188628891 -0.3101433
## FALSE_7057 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## TRUE_7058 -0.4506018761 -4.650842e-01 -0.3188628891 -0.3101433
## TRUE_7059 -0.4506018761 -4.501645e-01 -0.0604681061 -0.3101433
## TRUE_7060 -0.3084339162 -6.248787e-01 1.4726940941 -0.3101433
## FALSE_7061 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_7062 -0.4506018761 -8.977556e-01 1.3820254506 -0.3101433
## FALSE_7063 -0.4506018761 -8.367085e-01 -0.3188628891 -0.3101433
## FALSE_7064 -0.4506018761 -6.814199e-01 -0.3188628891 -0.3101433
## FALSE_7065 0.1202751754 -5.236238e-02 -0.3188628891 -0.3101433
## FALSE_7066 -0.3511912032 -5.058777e-01 -0.3188628891 -0.3101433
## FALSE_7067 -0.1567881041 -1.106824e-01 0.2793653349 -0.3101433
## FALSE_7068 0.2380241693 1.613879e-01 -0.3188628891 -0.3101433
## FALSE_7069 0.2274299275 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_7070 -0.3827986979 -5.593844e-01 -0.3188628891 -0.3101433
## FALSE_7071 -0.4506018761 -7.246871e-01 -0.3188628891 -0.3101433
## FALSE_7072 -0.4506018761 -5.887046e-01 -0.3188628891 -0.3101433
## FALSE_7073 -0.4506018761 -5.649315e-01 -0.3188628891 -0.3101433
## FALSE_7074 -0.4506018761 -4.470562e-01 -0.3188628891 -0.3101433
## FALSE_7075 -0.4506018761 -7.174759e-01 -0.3188628891 -0.3101433
## FALSE_7076 -0.0499467264 2.494792e-01 -0.3188628891 -0.3101433
## TRUE_7077 -0.4506018761 -8.977556e-01 4.2991305227 -0.3101433
## FALSE_7078 -0.1200613743 2.199789e-01 -0.3188628891 -0.3101433
## FALSE_7079 -0.4506018761 -6.393547e-01 -0.2366336136 -0.3101433
## FALSE_7080 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_7081 -0.3431090251 -8.869525e-02 -0.3188628891 -0.3101433
## FALSE_7082 -0.4506018761 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_7083 -0.3868612831 -7.399381e-01 -0.1704917701 -0.3101433
## FALSE_7084 -0.4506018761 -7.054572e-01 0.9499925849 -0.3101433
## TRUE_7085 -0.4506018761 -5.516185e-01 3.4921857916 -0.3101433
## FALSE_7086 -0.4506018761 -8.256437e-01 -0.3188628891 -0.3101433
## FALSE_7087 -0.3704708373 -5.692250e-01 -0.3188628891 -0.3101433
## FALSE_7088 0.1837687885 4.061119e-01 -0.3188628891 -0.3101433
## TRUE_7089 -0.1662659563 2.188158e-01 0.0284248012 -0.3101433
## FALSE_7090 -0.1384247282 1.779136e-01 -0.3188628891 -0.3101433
## FALSE_7091 0.2200600202 2.623054e-01 -0.3188628891 -0.3101433
## FALSE_7092 -0.4506018761 -7.432301e-01 -0.3188628891 -0.3101433
## TRUE_7093 -0.3209781486 -5.371961e-01 -0.0814281194 -0.3101433
## FALSE_7094 -0.4506018761 -7.868142e-01 -0.3188628891 -0.3101433
## FALSE_7095 -0.3246816786 -5.495582e-01 -0.3188628891 -0.3101433

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## FALSE_7096 -0.4089261617 -3.067988e-01 -0.3188628891 -0.3101433
## FALSE_7097 0.0678930338 3.545724e-02 -0.2115337597 -0.3101433
## TRUE_7098 -0.4506018761 -2.796536e-01 4.4034208870 -0.3101433
## TRUE_7099 -0.0098812071 4.002586e-01 1.1765748206 -0.3101433
## TRUE_7100 -0.2123744832 -4.007682e-01 1.3832547808 -0.3101433
## FALSE_7101 -0.2001924131 -4.681279e-01 -0.1031299141 -0.3101433
## FALSE_7102 -0.4506018761 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_7103 0.7513635949 1.511448e-01 -0.3188628891 -0.3101433
## FALSE_7104 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## FALSE_7105 -0.4506018761 -6.856618e-01 -0.3188628891 -0.3101433
## FALSE_7106 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_7107 0.4192415450 5.349940e-01 -0.3188628891 -0.3101433
## FALSE_7108 -0.2669682713 -2.667765e-01 -0.3188628891 -0.3101433
## TRUE_7109 -0.4506018761 -5.371961e-01 1.6294391769 -0.3101433
## FALSE_7110 -0.0833346446 1.839229e-01 -0.3188628891 -0.3101433
## FALSE_7111 -0.4506018761 -6.273360e-01 -0.3188628891 -0.3101433
## FALSE_7112 -0.4506018761 -6.700338e-01 -0.3188628891 -0.3101433
## TRUE_7113 -0.4506018761 -8.679162e-01 -0.3188628891 -0.3101433
## FALSE_7114 0.1449665950 3.132729e-03 -0.3188628891 -0.3101433
## FALSE_7115 -0.1567881041 -6.093080e-01 -0.3188628891 -0.3101433
## FALSE_7116 0.2010247215 -1.472602e-01 1.5599773151 -0.3101433
## TRUE_7117 -0.4506018761 -6.871634e-01 2.2941117503 -0.3101433
## FALSE_7118 -0.4352990849 -2.781831e-01 -0.3188628891 -0.3101433
## FALSE_7119 0.1440212491 -7.067128e-02 -0.3188628891 -0.3101433
## TRUE_7120 -0.0980253409 -2.920156e-01 0.6316812005 -0.3101433
## TRUE_7121 -0.3704708373 -1.110803e-01 0.1183787491 -0.3101433
## TRUE_7122 -0.4506018761 -4.921262e-01 -0.0068902065 -0.3101433
## FALSE_7123 -0.4506018761 -1.766366e-01 -0.3188628891 -0.3101433
## FALSE_7124 0.4602208325 5.547841e-01 -0.3188628891 -0.3101433
## FALSE_7125 -0.1778257289 -3.506972e-01 -0.1267413356 -0.3101433
## FALSE_7126 -0.0499467264 -3.077492e-01 -0.3188628891 -0.3101433
## TRUE_7127 -0.4506018761 -7.375070e-01 1.3190295859 -0.3101433
## FALSE_7128 -0.0288369336 -3.488855e-01 -0.3188628891 -0.3101433
## FALSE_7129 3.9566048140 3.428959e+00 -0.3188628891 -0.3101433
## TRUE_7130 -0.4506018761 -3.569164e-01 -0.3188628891 -0.3101433
## FALSE_7131 3.5158841450 3.140511e+00 -0.3188628891 -0.3101433
## FALSE_7132 0.0053160536 -8.960498e-02 -0.3188628891 -0.3101433
## TRUE_7133 -0.4506018761 -7.375070e-01 2.1931847368 -0.3101433
## FALSE_7134 -0.1896488542 -2.953296e-01 -0.3188628891 -0.3101433
## FALSE_7135 0.4308394619 6.165944e-01 -0.3188628891 -0.3101433
## FALSE_7136 -0.4506018761 2.822574e-01 -0.3188628891 -0.3101433
## FALSE_7137 -0.4161705738 -8.076158e-01 -0.3188628891 -0.3101433
## FALSE_7138 -0.4506018761 -6.054101e-01 -0.3188628891 -0.3101433
## FALSE_7139 -0.4506018761 1.118110e-01 -0.3188628891 -0.3101433
## FALSE_7140 -0.4506018761 -7.535318e-01 -0.3188628891 -0.3101433
## FALSE_7141 -0.4506018761 -4.170096e-01 -0.3188628891 -0.3101433
## FALSE_7142 -0.4506018761 -2.796536e-01 -0.3188628891 -0.3101433
##
## OperatingSystems Browser Region TrafficType
## FALSE_1 -1.2397535 -0.7940020 -0.89638162 -0.76532357
## FALSE_2 -0.1369978 -0.2091924 -0.89638162 -0.51635945
## FALSE_3 2.0685135 -0.7940020 2.43438017 -0.26739533
## FALSE_4 0.9657579 -0.2091924 -0.48003639 -0.01843121
## FALSE_5 0.9657579 0.3756172 -0.89638162 -0.01843121
## FALSE_6 -0.1369978 -0.2091924 -0.89638162 -0.26739533

```

## FALSE_7	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_8	-1.2397535	-0.2091924	-0.89638162	0.23053290
## FALSE_9	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_10	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_11	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_12	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_13	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_14	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_15	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_16	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_17	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_18	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_19	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_20	-0.1369978	0.9604268	0.35265405	-0.01843121
## FALSE_21	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_22	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_23	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_24	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_25	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_26	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_27	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_28	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_29	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_30	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_31	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_32	-1.2397535	-0.2091924	1.18534450	0.47949702
## FALSE_33	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_34	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_35	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_36	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_37	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_38	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_39	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_40	-0.1369978	1.5452363	-0.89638162	0.47949702
## FALSE_41	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_42	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_43	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_44	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_45	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_46	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_47	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_48	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_49	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_50	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_51	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_52	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_53	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_54	2.0685135	-0.2091924	-0.48003639	-0.26739533
## FALSE_55	0.9657579	0.3756172	-0.89638162	-0.01843121
## FALSE_56	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_57	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_58	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_59	-0.1369978	2.1300459	1.18534450	-0.26739533
## FALSE_60	-0.1369978	0.9604268	-0.48003639	-0.76532357

## FALSE_61	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_62	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_63	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_64	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_65	-0.1369978	-0.2091924	0.35265405	-0.26739533
## TRUE_66	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_67	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_68	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_69	-0.1369978	2.7148555	-0.48003639	-0.01843121
## FALSE_70	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_71	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_72	-0.1369978	2.1300459	1.18534450	-0.76532357
## FALSE_73	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_74	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_75	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_76	-0.1369978	0.9604268	-0.89638162	-0.76532357
## TRUE_77	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_78	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_79	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_80	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_81	2.0685135	-0.7940020	-0.89638162	0.23053290
## FALSE_82	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_83	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_84	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_85	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_86	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_87	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_88	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_89	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_90	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_91	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_92	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_93	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_94	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_95	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_96	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_97	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_98	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_99	-0.1369978	0.9604268	-0.89638162	0.72846114
## FALSE_100	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_101	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_102	-1.2397535	-0.7940020	1.60168972	-0.01843121
## FALSE_103	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_104	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_105	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_106	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_107	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_108	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_109	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_110	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_111	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_112	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_113	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_114	-0.1369978	0.9604268	-0.89638162	-0.76532357

## FALSE_115	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_116	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_117	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_118	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_119	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_120	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_121	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_122	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_123	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_124	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_125	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_126	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_127	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_128	-1.2397535	-0.7940020	2.01803495	-0.26739533
## FALSE_129	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_130	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_131	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_132	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_133	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_134	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_135	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_136	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_137	-0.1369978	0.9604268	0.76899928	-0.51635945
## FALSE_138	-0.1369978	0.9604268	-0.89638162	0.23053290
## FALSE_139	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_140	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_141	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_142	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_143	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_144	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_145	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_146	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_147	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_148	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_149	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_150	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_151	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_152	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_153	-0.1369978	1.5452363	0.76899928	-0.76532357
## FALSE_154	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_155	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_156	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_157	0.9657579	0.3756172	-0.06369117	-0.51635945
## FALSE_158	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_159	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_160	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_161	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_162	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_163	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_164	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_165	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_166	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_167	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_168	-0.1369978	0.9604268	1.18534450	-0.76532357

## FALSE_169	0.9657579	-0.2091924	1.60168972	-0.01843121
## FALSE_170	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_171	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_172	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_173	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_174	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_175	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_176	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_177	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_178	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_179	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_180	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_181	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_182	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_183	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_184	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_185	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_186	0.9657579	-0.2091924	1.18534450	-0.51635945
## TRUE_187	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_188	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_189	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_190	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_191	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_192	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_193	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_194	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_195	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_196	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_197	-0.1369978	-0.2091924	2.43438017	-0.51635945
## TRUE_198	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_199	-0.1369978	-0.2091924	1.60168972	0.97742526
## FALSE_200	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_201	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_202	-1.2397535	-0.2091924	-0.89638162	0.97742526
## FALSE_203	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_204	-0.1369978	-0.2091924	0.76899928	-0.51635945
## TRUE_205	-0.1369978	1.5452363	-0.48003639	-0.26739533
## FALSE_206	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_207	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_208	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_209	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_210	-0.1369978	2.1300459	-0.06369117	-0.76532357
## FALSE_211	0.9657579	-0.2091924	2.01803495	1.72431762
## FALSE_212	-1.2397535	-0.2091924	1.18534450	0.47949702
## FALSE_213	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_214	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_215	-1.2397535	-0.2091924	1.60168972	-0.26739533
## FALSE_216	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_217	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_218	-0.1369978	0.9604268	-0.06369117	1.97328174
## TRUE_219	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_220	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_221	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_222	-0.1369978	-0.2091924	-0.89638162	0.97742526

## FALSE_223	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_224	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_225	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_226	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_227	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_228	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_229	-0.1369978	-0.2091924	1.60168972	1.22638938
## FALSE_230	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_231	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_232	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_233	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_234	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_235	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_236	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_237	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_238	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_239	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_240	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_241	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_242	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_243	-0.1369978	4.4692842	-0.89638162	-0.51635945
## FALSE_244	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_245	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_246	0.9657579	0.3756172	-0.89638162	-0.76532357
## TRUE_247	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_248	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_249	0.9657579	-0.2091924	2.43438017	-0.26739533
## FALSE_250	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_251	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_252	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_253	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_254	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_255	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_256	-1.2397535	-0.7940020	1.60168972	0.97742526
## FALSE_257	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_258	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_259	5.3767806	-0.7940020	1.18534450	-0.76532357
## FALSE_260	0.9657579	0.3756172	0.76899928	-0.51635945
## TRUE_261	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_262	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_263	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_264	-0.1369978	1.5452363	-0.06369117	-0.76532357
## FALSE_265	-1.2397535	3.2996650	1.60168972	-0.51635945
## FALSE_266	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_267	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_268	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_269	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_270	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_271	-1.2397535	-0.7940020	-0.89638162	0.97742526
## FALSE_272	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_273	-1.2397535	-0.7940020	-0.48003639	1.22638938
## FALSE_274	-0.1369978	1.5452363	1.18534450	-0.76532357
## TRUE_275	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_276	2.0685135	-0.2091924	2.43438017	-0.76532357

## FALSE_277	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_278	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_279	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_280	-0.1369978	-0.2091924	-0.89638162	1.72431762
## FALSE_281	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_282	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_283	0.9657579	3.8844746	2.43438017	-0.51635945
## FALSE_284	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_285	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_286	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_287	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_288	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_289	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_290	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_291	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_292	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## TRUE_293	-0.1369978	-0.2091924	-0.89638162	0.72846114
## TRUE_294	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_295	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_296	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_297	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_298	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_299	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_300	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_301	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_302	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_303	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_304	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_305	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_306	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_307	0.9657579	-0.2091924	0.35265405	1.72431762
## FALSE_308	-1.2397535	-0.7940020	0.35265405	1.22638938
## FALSE_309	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_310	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_311	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_312	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_313	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_314	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_315	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_316	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_317	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_318	2.0685135	-0.7940020	-0.89638162	-0.76532357
## TRUE_319	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_320	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_321	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_322	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_323	-1.2397535	-0.2091924	1.18534450	-0.76532357
## FALSE_324	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_325	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_326	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_327	0.9657579	-0.2091924	-0.89638162	1.22638938
## FALSE_328	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_329	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_330	2.0685135	-0.2091924	-0.89638162	-0.51635945

## FALSE_331	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_332	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_333	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_334	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_335	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_336	-0.1369978	-0.2091924	-0.89638162	-0.51635945
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## FALSE_338	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_339	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_340	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_341	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_342	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_343	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_344	0.9657579	-0.2091924	-0.06369117	0.97742526
## FALSE_345	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_346	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_347	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_348	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_349	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_350	-0.1369978	1.5452363	1.60168972	-0.76532357
## FALSE_351	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_352	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_353	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_354	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_355	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_356	-0.1369978	2.1300459	-0.48003639	-0.51635945
## FALSE_357	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_358	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_359	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_360	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_361	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_362	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_363	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_364	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_365	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_366	0.9657579	-0.2091924	0.76899928	-0.51635945
## FALSE_367	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_368	-0.1369978	0.9604268	0.35265405	-0.26739533
## FALSE_369	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_370	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_371	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_372	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_373	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_374	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_375	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_376	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_377	0.9657579	-0.2091924	2.01803495	1.47535350
## TRUE_378	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_379	-1.2397535	-0.7940020	0.76899928	-0.26739533
## FALSE_380	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_381	-1.2397535	1.5452363	1.60168972	-0.76532357
## FALSE_382	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_383	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_384	0.9657579	-0.2091924	0.35265405	-0.76532357

## FALSE_385	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_386	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_387	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_388	0.9657579	-0.2091924	-0.48003639	-0.26739533
## TRUE_389	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_390	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_391	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_392	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_393	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_394	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_395	0.9657579	-0.2091924	-0.48003639	1.47535350
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## TRUE_399	0.9657579	0.3756172	-0.48003639	-0.76532357
## FALSE_400	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_401	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_402	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_403	0.9657579	-0.2091924	-0.89638162	-0.51635945
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## FALSE_405	2.0685135	-0.2091924	-0.89638162	0.72846114
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## TRUE_407	-1.2397535	-0.2091924	-0.89638162	1.22638938
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## FALSE_411	-1.2397535	-0.2091924	-0.06369117	0.97742526
## FALSE_412	0.9657579	-0.2091924	-0.89638162	1.47535350
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## FALSE_416	-0.1369978	-0.2091924	-0.48003639	-0.76532357
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## FALSE_418	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_419	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_420	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_421	-0.1369978	1.5452363	1.18534450	-0.51635945
## TRUE_422	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_423	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_424	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_425	-0.1369978	4.4692842	0.35265405	-0.26739533
## FALSE_426	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_427	-0.1369978	-0.2091924	0.35265405	1.72431762
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## FALSE_430	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_431	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_432	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_433	-0.1369978	-0.2091924	-0.06369117	-0.51635945
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## FALSE_437	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_438	-0.1369978	-0.2091924	0.35265405	-0.51635945

## FALSE_439	-0.1369978	-0.2091924	0.35265405	0.47949702
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## FALSE_444	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_445	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_446	-1.2397535	-0.7940020	0.35265405	-0.26739533
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## FALSE_453	0.9657579	0.3756172	-0.06369117	1.22638938
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## FALSE_455	-0.1369978	1.5452363	0.76899928	-0.76532357
## FALSE_456	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_457	0.9657579	-0.2091924	-0.89638162	1.22638938
## FALSE_458	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_459	0.9657579	-0.2091924	0.35265405	2.47120998
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## FALSE_461	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_462	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_463	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_464	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_465	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_466	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_467	-0.1369978	0.9604268	0.76899928	-0.51635945
## FALSE_468	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_469	-1.2397535	-0.7940020	2.01803495	-0.26739533
## FALSE_470	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_471	-0.1369978	1.5452363	-0.89638162	-0.76532357
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## FALSE_473	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_474	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_475	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_476	-0.1369978	-0.2091924	-0.06369117	-0.26739533
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## FALSE_478	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_479	2.0685135	-0.7940020	1.18534450	-0.76532357
## FALSE_480	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_481	-0.1369978	2.1300459	0.35265405	-0.76532357
## FALSE_482	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_483	-0.1369978	-0.2091924	1.60168972	0.72846114
## FALSE_484	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_485	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_486	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_487	0.9657579	-0.2091924	-0.06369117	1.22638938
## FALSE_488	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_489	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_490	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_491	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_492	0.9657579	-0.2091924	1.60168972	1.22638938

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## FALSE_494	-0.1369978	0.9604268	1.18534450	-0.51635945
## FALSE_495	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_496	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_497	-0.1369978	2.1300459	-0.48003639	-0.26739533
## FALSE_498	-0.1369978	0.9604268	-0.48003639	-0.51635945
## TRUE_499	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_500	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_501	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_502	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_503	-1.2397535	2.1300459	-0.89638162	-0.76532357
## FALSE_504	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_505	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_506	-0.1369978	0.9604268	2.43438017	-0.51635945
## FALSE_507	0.9657579	-0.2091924	-0.06369117	-0.51635945
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## FALSE_509	-0.1369978	0.9604268	1.60168972	-0.51635945
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## FALSE_512	-0.1369978	0.9604268	-0.89638162	-0.26739533
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## FALSE_514	-0.1369978	-0.2091924	-0.89638162	-0.26739533
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## FALSE_516	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_517	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_518	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_519	-0.1369978	0.9604268	-0.06369117	-0.76532357
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## FALSE_527	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_528	-0.1369978	-0.2091924	-0.48003639	-0.26739533
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## FALSE_530	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_531	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_532	-0.1369978	1.5452363	-0.48003639	1.47535350
## FALSE_533	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_534	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_535	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_536	-0.1369978	2.1300459	1.60168972	-0.76532357
## FALSE_537	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_538	-0.1369978	2.7148555	-0.89638162	-0.26739533
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## FALSE_541	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_542	-0.1369978	-0.2091924	-0.06369117	0.97742526
## FALSE_543	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_544	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_545	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_546	-0.1369978	4.4692842	0.35265405	-0.26739533

## FALSE_547	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_548	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_549	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_550	-0.1369978	-0.2091924	1.60168972	0.97742526
## FALSE_551	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_552	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_553	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_554	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_555	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_556	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_557	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_558	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_559	2.0685135	-0.7940020	-0.48003639	-0.26739533
## FALSE_560	-0.1369978	1.5452363	-0.48003639	-0.51635945
## FALSE_561	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_562	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_563	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_564	0.9657579	-0.2091924	-0.06369117	1.47535350
## FALSE_565	2.0685135	-0.7940020	0.35265405	-0.76532357
## FALSE_566	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_567	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_568	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_569	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_570	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_571	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_572	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_573	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_574	-0.1369978	2.7148555	1.60168972	0.47949702
## FALSE_575	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_576	-0.1369978	-0.2091924	0.35265405	0.97742526
## FALSE_577	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_578	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_579	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_580	-1.2397535	-0.2091924	-0.89638162	1.47535350
## TRUE_581	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_582	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_583	-0.1369978	2.1300459	2.43438017	0.47949702
## FALSE_584	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_585	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_586	-1.2397535	-0.7940020	2.43438017	0.97742526
## FALSE_587	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_588	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_589	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_590	-0.1369978	2.1300459	1.18534450	-0.76532357
## FALSE_591	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_592	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_593	-0.1369978	0.9604268	1.18534450	-0.26739533
## TRUE_594	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_595	2.0685135	-0.7940020	-0.06369117	-0.76532357
## TRUE_596	-0.1369978	-0.2091924	-0.06369117	0.72846114
## FALSE_597	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_598	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_599	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_600	-0.1369978	-0.2091924	-0.89638162	1.47535350

## FALSE_601	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## TRUE_602	-0.1369978	0.9604268	-0.48003639	0.97742526
## TRUE_603	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_604	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## TRUE_605	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_606	2.0685135	-0.7940020	-0.06369117	-0.51635945
## TRUE_607	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_608	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_609	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_610	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_611	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_612	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_613	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_614	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_615	-0.1369978	1.5452363	1.60168972	-0.76532357
## FALSE_616	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_617	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_618	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_619	0.9657579	-0.2091924	0.76899928	-0.76532357
## FALSE_620	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_621	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_622	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_623	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_624	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_625	-0.1369978	-0.2091924	1.18534450	-0.76532357
## TRUE_626	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_627	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_628	-1.2397535	-0.7940020	2.01803495	-0.26739533
## FALSE_629	0.9657579	-0.2091924	-0.06369117	-0.26739533
## TRUE_630	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_631	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_632	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_633	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_634	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_635	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_636	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_637	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_638	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_639	0.9657579	-0.2091924	0.35265405	0.97742526
## TRUE_640	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_641	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_642	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_643	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_644	0.9657579	-0.2091924	-0.89638162	-0.76532357
## TRUE_645	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_646	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_647	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_648	-1.2397535	3.2996650	-0.06369117	-0.51635945
## FALSE_649	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_650	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_651	-0.1369978	1.5452363	2.43438017	-0.76532357
## FALSE_652	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_653	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_654	0.9657579	-0.2091924	-0.89638162	0.97742526

## FALSE_655	-1.2397535	-0.7940020	2.01803495	-0.26739533
## FALSE_656	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_657	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_658	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_659	-0.1369978	0.9604268	2.43438017	1.47535350
## FALSE_660	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_661	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_662	-0.1369978	0.9604268	1.18534450	-0.51635945
## FALSE_663	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_664	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_665	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_666	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_667	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_668	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_669	0.9657579	-0.2091924	-0.06369117	1.22638938
## FALSE_670	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_671	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_672	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_673	-0.1369978	-0.2091924	2.01803495	-0.51635945
## TRUE_674	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_675	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_676	-1.2397535	-0.7940020	2.01803495	-0.26739533
## FALSE_677	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_678	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_679	-1.2397535	-0.7940020	-0.06369117	2.72017410
## FALSE_680	-0.1369978	-0.2091924	0.35265405	1.47535350
## FALSE_681	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_682	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_683	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_684	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_685	-0.1369978	1.5452363	-0.89638162	-0.26739533
## TRUE_686	-0.1369978	0.9604268	0.35265405	-0.76532357
## TRUE_687	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_688	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_689	-0.1369978	0.9604268	-0.06369117	0.97742526
## FALSE_690	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_691	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_692	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_693	2.0685135	-0.2091924	2.01803495	-0.76532357
## TRUE_694	-1.2397535	-0.7940020	-0.48003639	1.47535350
## FALSE_695	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## TRUE_696	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_697	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_698	0.9657579	-0.2091924	2.01803495	-0.26739533
## FALSE_699	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_700	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_701	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_702	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_703	0.9657579	-0.2091924	-0.06369117	1.47535350
## FALSE_704	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_705	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_706	-0.1369978	1.5452363	-0.89638162	1.47535350
## FALSE_707	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_708	-0.1369978	-0.2091924	0.35265405	-0.76532357

## FALSE_709	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_710	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_711	-0.1369978	-0.2091924	2.01803495	0.47949702
## FALSE_712	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_713	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_714	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_715	2.0685135	-0.7940020	2.43438017	-0.26739533
## FALSE_716	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_717	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_718	2.0685135	-0.7940020	-0.89638162	1.47535350
## FALSE_719	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_720	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_721	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_722	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_723	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_724	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_725	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_726	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## TRUE_727	0.9657579	0.3756172	-0.48003639	1.47535350
## FALSE_728	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_729	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_730	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_731	0.9657579	-0.2091924	-0.89638162	1.22638938
## FALSE_732	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_733	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_734	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_735	-1.2397535	3.2996650	-0.48003639	-0.76532357
## FALSE_736	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_737	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_738	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_739	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_740	-0.1369978	0.9604268	0.35265405	0.97742526
## FALSE_741	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_742	-0.1369978	0.9604268	1.60168972	-0.26739533
## FALSE_743	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_744	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_745	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_746	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_747	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_748	-0.1369978	2.7148555	-0.06369117	-0.51635945
## FALSE_749	0.9657579	-0.2091924	1.18534450	-0.76532357
## TRUE_750	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_751	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## TRUE_752	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_753	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_754	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_755	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_756	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_757	0.9657579	0.3756172	0.35265405	-0.26739533
## FALSE_758	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_759	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_760	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_761	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_762	-0.1369978	-0.2091924	-0.89638162	0.47949702

## FALSE_763	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_764	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_765	-0.1369978	4.4692842	0.35265405	-0.26739533
## FALSE_766	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_767	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_768	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_769	2.0685135	-0.2091924	-0.06369117	-0.76532357
## TRUE_770	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_771	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_772	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_773	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_774	-0.1369978	-0.2091924	0.35265405	1.47535350
## FALSE_775	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_776	-0.1369978	2.7148555	-0.48003639	-0.26739533
## FALSE_777	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_778	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_779	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_780	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_781	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_782	-1.2397535	3.2996650	-0.89638162	-0.76532357
## FALSE_783	0.9657579	-0.2091924	-0.06369117	1.22638938
## FALSE_784	0.9657579	-0.2091924	2.01803495	0.97742526
## FALSE_785	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_786	-0.1369978	2.1300459	0.35265405	-0.76532357
## FALSE_787	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_788	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_789	-1.2397535	3.2996650	0.35265405	1.72431762
## FALSE_790	-0.1369978	0.9604268	-0.06369117	0.97742526
## FALSE_791	-1.2397535	-0.2091924	-0.89638162	0.97742526
## FALSE_792	-0.1369978	-0.2091924	-0.06369117	0.97742526
## TRUE_793	-1.2397535	-0.7940020	0.35265405	1.22638938
## FALSE_794	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_795	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_796	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_797	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_798	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_799	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_800	-0.1369978	2.1300459	-0.48003639	-0.51635945
## TRUE_801	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_802	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_803	0.9657579	-0.2091924	1.60168972	-0.76532357
## TRUE_804	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_805	2.0685135	1.5452363	-0.89638162	-0.76532357
## FALSE_806	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_807	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_808	-1.2397535	-0.7940020	-0.06369117	1.72431762
## FALSE_809	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_810	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_811	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_812	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_813	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_814	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_815	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_816	-0.1369978	-0.2091924	-0.89638162	-0.76532357

## FALSE_817	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_818	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_819	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_820	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_821	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_822	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_823	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_824	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_825	0.9657579	0.3756172	-0.48003639	0.97742526
## FALSE_826	0.9657579	-0.2091924	1.18534450	1.72431762
## FALSE_827	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_828	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_829	0.9657579	-0.2091924	1.60168972	-0.26739533
## FALSE_830	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_831	-1.2397535	-0.7940020	-0.06369117	1.22638938
## FALSE_832	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_833	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_834	2.0685135	-0.2091924	-0.89638162	-0.76532357
## FALSE_835	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_836	-1.2397535	0.9604268	-0.89638162	0.97742526
## FALSE_837	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_838	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_839	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_840	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_841	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_842	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_843	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## TRUE_844	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_845	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_846	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_847	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_848	0.9657579	-0.2091924	0.35265405	-0.51635945
## TRUE_849	-1.2397535	-0.2091924	-0.89638162	0.97742526
## FALSE_850	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_851	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_852	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_853	-1.2397535	-0.7940020	-0.89638162	1.47535350
## TRUE_854	-0.1369978	-0.2091924	1.18534450	1.47535350
## FALSE_855	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_856	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_857	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_858	-1.2397535	-0.7940020	1.18534450	1.47535350
## FALSE_859	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_860	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_861	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_862	-0.1369978	-0.2091924	-0.06369117	1.47535350
## FALSE_863	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_864	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_865	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_866	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_867	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_868	-0.1369978	0.9604268	-0.89638162	0.97742526
## FALSE_869	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_870	-0.1369978	-0.2091924	0.35265405	-0.76532357

## FALSE_871	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_872	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_873	5.3767806	-0.7940020	-0.89638162	-0.51635945
## FALSE_874	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_875	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_876	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_877	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_878	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_879	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_880	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_881	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_882	-1.2397535	-0.2091924	1.18534450	-0.76532357
## FALSE_883	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_884	0.9657579	-0.2091924	-0.48003639	-0.76532357
## TRUE_885	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_886	0.9657579	-0.2091924	-0.06369117	1.72431762
## FALSE_887	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_888	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_889	-1.2397535	-0.2091924	-0.48003639	-0.76532357
## FALSE_890	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_891	2.0685135	-0.7940020	-0.89638162	-0.26739533
## TRUE_892	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_893	-0.1369978	-0.2091924	0.76899928	0.97742526
## TRUE_894	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_895	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_896	0.9657579	-0.2091924	-0.89638162	1.22638938
## FALSE_897	-0.1369978	1.5452363	2.01803495	-0.26739533
## FALSE_898	-0.1369978	0.9604268	-0.89638162	1.47535350
## FALSE_899	0.9657579	-0.2091924	2.01803495	0.97742526
## FALSE_900	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_901	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_902	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_903	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_904	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_905	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_906	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_907	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_908	-1.2397535	-0.2091924	0.35265405	-0.51635945
## FALSE_909	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_910	-1.2397535	-0.2091924	-0.06369117	1.47535350
## FALSE_911	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_912	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_913	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_914	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_915	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_916	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_917	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_918	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_919	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_920	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_921	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_922	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_923	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_924	-1.2397535	-0.7940020	-0.89638162	-0.26739533

## FALSE_925	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_926	-0.1369978	-0.2091924	1.60168972	-0.26739533
## TRUE_927	-0.1369978	2.1300459	0.35265405	1.47535350
## FALSE_928	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_929	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_930	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_931	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_932	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_933	0.9657579	-0.2091924	-0.06369117	1.22638938
## FALSE_934	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_935	-0.1369978	2.1300459	-0.48003639	-0.26739533
## FALSE_936	2.0685135	-0.7940020	-0.89638162	0.97742526
## FALSE_937	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_938	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_939	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_940	-0.1369978	-0.2091924	-0.48003639	1.47535350
## TRUE_941	-1.2397535	-0.7940020	0.35265405	1.47535350
## FALSE_942	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_943	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_944	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_945	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_946	2.0685135	-0.2091924	-0.48003639	1.47535350
## FALSE_947	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_948	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_949	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_950	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_951	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_952	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_953	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_954	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_955	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_956	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_957	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_958	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_959	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_960	-0.1369978	1.5452363	0.76899928	-0.76532357
## FALSE_961	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_962	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_963	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_964	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_965	-0.1369978	-0.2091924	-0.06369117	0.97742526
## FALSE_966	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_967	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_968	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## TRUE_969	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_970	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_971	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_972	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_973	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_974	0.9657579	-0.2091924	1.60168972	0.47949702
## FALSE_975	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_976	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_977	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_978	0.9657579	-0.2091924	-0.48003639	-0.26739533

## FALSE_979	-1.2397535	-0.7940020	0.35265405	1.22638938
## FALSE_980	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_981	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_982	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_983	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_984	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_985	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_986	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_987	-1.2397535	-0.7940020	1.18534450	1.47535350
## FALSE_988	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_989	-1.2397535	-0.7940020	-0.06369117	1.47535350
## FALSE_990	-0.1369978	-0.2091924	1.60168972	1.72431762
## FALSE_991	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_992	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_993	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_994	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_995	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_996	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_997	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_998	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_999	-0.1369978	-0.2091924	1.60168972	1.72431762
## FALSE_1000	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1001	0.9657579	-0.2091924	-0.06369117	1.72431762
## FALSE_1002	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1003	-0.1369978	4.4692842	1.18534450	-0.76532357
## FALSE_1004	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_1005	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1006	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1007	-0.1369978	-0.2091924	-0.06369117	0.97742526
## FALSE_1008	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_1009	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1010	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1011	2.0685135	-0.7940020	-0.89638162	1.47535350
## FALSE_1012	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_1013	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1014	-0.1369978	-0.2091924	1.60168972	-0.76532357
## TRUE_1015	0.9657579	-0.2091924	1.18534450	0.97742526
## FALSE_1016	-1.2397535	-0.7940020	-0.48003639	1.47535350
## FALSE_1017	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_1018	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1019	0.9657579	2.1300459	-0.89638162	1.22638938
## FALSE_1020	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1021	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_1022	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_1023	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_1024	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1025	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1026	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_1027	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1028	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1029	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1030	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_1031	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1032	0.9657579	-0.2091924	0.76899928	-0.76532357

## FALSE_1033	-0.1369978	-0.2091924	2.01803495	-0.51635945
## TRUE_1034	-0.1369978	2.7148555	-0.48003639	-0.51635945
## TRUE_1035	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1036	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1037	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1038	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1039	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1040	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_1041	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1042	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1043	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_1044	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1045	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_1046	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1047	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_1048	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1049	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1050	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1051	-0.1369978	-0.2091924	1.18534450	-0.51635945
## TRUE_1052	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1053	-0.1369978	-0.2091924	-0.89638162	0.47949702
## TRUE_1054	0.9657579	-0.2091924	1.18534450	1.47535350
## FALSE_1055	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1056	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_1057	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1058	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_1059	-0.1369978	2.1300459	1.60168972	-0.76532357
## FALSE_1060	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1061	2.0685135	1.5452363	-0.89638162	-0.26739533
## FALSE_1062	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1063	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_1064	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_1065	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1066	-0.1369978	-0.2091924	0.35265405	1.47535350
## FALSE_1067	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1068	-0.1369978	-0.2091924	-0.06369117	1.47535350
## FALSE_1069	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1070	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1071	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1072	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1073	2.0685135	-0.7940020	-0.89638162	1.72431762
## FALSE_1074	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1075	-0.1369978	1.5452363	0.76899928	-0.76532357
## FALSE_1076	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1077	-0.1369978	2.1300459	1.18534450	-0.76532357
## FALSE_1078	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1079	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1080	-0.1369978	-0.2091924	-0.89638162	1.72431762
## FALSE_1081	0.9657579	-0.2091924	0.76899928	0.97742526
## FALSE_1082	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1083	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_1084	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_1085	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1086	0.9657579	-0.2091924	0.35265405	-0.26739533

## FALSE_1087	-0.1369978	4.4692842	-0.89638162	-0.76532357
## FALSE_1088	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_1089	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_1090	0.9657579	-0.2091924	-0.06369117	-0.51635945
## TRUE_1091	2.0685135	-0.2091924	2.43438017	1.47535350
## FALSE_1092	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1093	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_1094	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1095	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1096	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_1097	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1098	-0.1369978	-0.2091924	-0.48003639	1.47535350
## FALSE_1099	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_1100	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_1101	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1102	0.9657579	-0.2091924	-0.06369117	1.47535350
## FALSE_1103	-1.2397535	-0.2091924	2.43438017	-0.51635945
## FALSE_1104	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1105	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1106	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1107	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1108	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1109	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_1110	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1111	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_1112	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_1113	-0.1369978	-0.2091924	1.18534450	1.47535350
## FALSE_1114	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_1115	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_1116	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1117	-0.1369978	0.9604268	0.76899928	-0.76532357
## FALSE_1118	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1119	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1120	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_1121	-0.1369978	0.9604268	-0.48003639	0.47949702
## FALSE_1122	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1123	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_1124	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_1125	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_1126	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## TRUE_1127	-0.1369978	1.5452363	-0.06369117	0.47949702
## FALSE_1128	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1129	-0.1369978	-0.2091924	2.01803495	2.22224586
## FALSE_1130	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_1131	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_1132	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_1133	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_1134	-1.2397535	-0.2091924	1.18534450	-0.26739533
## FALSE_1135	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_1136	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1137	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_1138	0.9657579	0.3756172	-0.89638162	-0.76532357
## FALSE_1139	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## TRUE_1140	0.9657579	2.7148555	-0.89638162	-0.51635945

## FALSE_1141	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_1142	-0.1369978	-0.2091924	-0.06369117	1.47535350
## FALSE_1143	-1.2397535	-0.7940020	2.43438017	1.22638938
## TRUE_1144	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_1145	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1146	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_1147	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1148	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_1149	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_1150	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1151	-0.1369978	0.9604268	-0.89638162	1.47535350
## FALSE_1152	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_1153	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_1154	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_1155	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_1156	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1157	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_1158	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1159	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1160	0.9657579	-0.2091924	-0.48003639	1.47535350
## FALSE_1161	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1162	0.9657579	-0.2091924	-0.48003639	-0.76532357
## TRUE_1163	-1.2397535	-0.2091924	2.01803495	0.97742526
## TRUE_1164	-1.2397535	-0.7940020	1.60168972	-0.76532357
## FALSE_1165	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## TRUE_1166	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1167	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_1168	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## TRUE_1169	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1170	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_1171	0.9657579	-0.2091924	1.60168972	0.97742526
## FALSE_1172	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_1173	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1174	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_1175	-1.2397535	3.2996650	-0.06369117	-0.26739533
## TRUE_1176	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1177	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_1178	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1179	-0.1369978	0.9604268	1.18534450	0.97742526
## FALSE_1180	-1.2397535	-0.2091924	-0.48003639	-0.76532357
## FALSE_1181	-0.1369978	-0.2091924	0.35265405	0.97742526
## FALSE_1182	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1183	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_1184	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1185	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_1186	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1187	2.0685135	-0.7940020	0.35265405	-0.26739533
## FALSE_1188	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1189	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1190	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_1191	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1192	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1193	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1194	-1.2397535	-0.7940020	-0.89638162	-0.26739533

## FALSE_1195	-0.1369978	0.9604268	-0.89638162	0.72846114
## FALSE_1196	0.9657579	0.3756172	-0.89638162	-0.51635945
## FALSE_1197	-0.1369978	-0.2091924	-0.89638162	1.47535350
## TRUE_1198	-1.2397535	-0.2091924	2.43438017	-0.51635945
## FALSE_1199	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_1200	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1201	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_1202	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1203	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1204	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_1205	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1206	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1207	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1208	-0.1369978	0.9604268	1.60168972	-0.76532357
## FALSE_1209	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_1210	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_1211	-1.2397535	-0.7940020	0.35265405	-0.76532357
## TRUE_1212	-0.1369978	2.1300459	-0.89638162	0.97742526
## FALSE_1213	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1214	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1215	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_1216	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_1217	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_1218	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1219	-0.1369978	0.9604268	0.76899928	-0.76532357
## FALSE_1220	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_1221	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_1222	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1223	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1224	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_1225	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1226	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1227	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_1228	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_1229	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_1230	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1231	-0.1369978	4.4692842	-0.89638162	-0.76532357
## FALSE_1232	-0.1369978	-0.2091924	-0.89638162	1.47535350
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## FALSE_1234	-1.2397535	-0.7940020	1.60168972	1.22638938
## FALSE_1235	-0.1369978	4.4692842	1.18534450	1.47535350
## FALSE_1236	-0.1369978	-0.2091924	-0.06369117	1.47535350
## FALSE_1237	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1238	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1239	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1240	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1241	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1242	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1243	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1244	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_1245	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1246	-1.2397535	3.2996650	-0.89638162	1.72431762
## FALSE_1247	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_1248	0.9657579	-0.2091924	-0.89638162	1.47535350

## FALSE_1249	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1250	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1251	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1252	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1253	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1254	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1255	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_1256	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_1257	-0.1369978	0.9604268	1.18534450	-0.76532357
## FALSE_1258	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1259	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1260	-1.2397535	-0.2091924	2.43438017	0.97742526
## FALSE_1261	-0.1369978	0.9604268	-0.89638162	-0.76532357
## TRUE_1262	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_1263	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_1264	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1265	-0.1369978	0.9604268	1.60168972	1.47535350
## FALSE_1266	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1267	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1268	0.9657579	-0.2091924	1.60168972	-0.26739533
## FALSE_1269	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_1270	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1271	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1272	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_1273	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1274	0.9657579	-0.2091924	-0.06369117	1.47535350
## FALSE_1275	-1.2397535	-0.2091924	0.76899928	1.47535350
## TRUE_1276	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1277	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1278	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1279	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1280	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_1281	-0.1369978	1.5452363	-0.89638162	-0.51635945
## TRUE_1282	-0.1369978	4.4692842	-0.06369117	-0.76532357
## FALSE_1283	-1.2397535	4.4692842	-0.89638162	-0.76532357
## FALSE_1284	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1285	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1286	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1287	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1288	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_1289	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1290	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1291	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_1292	2.0685135	-0.2091924	0.35265405	0.97742526
## TRUE_1293	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_1294	0.9657579	0.3756172	-0.89638162	1.47535350
## FALSE_1295	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_1296	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_1297	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1298	0.9657579	-0.2091924	1.60168972	-0.76532357
## TRUE_1299	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1300	-1.2397535	-0.2091924	1.60168972	-0.51635945
## TRUE_1301	-0.1369978	-0.2091924	-0.06369117	0.97742526
## FALSE_1302	-0.1369978	-0.2091924	0.76899928	-0.26739533

## FALSE_1303	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_1304	2.0685135	-0.7940020	-0.48003639	-0.26739533
## TRUE_1305	-0.1369978	0.9604268	-0.89638162	0.97742526
## FALSE_1306	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1307	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1308	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_1309	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_1310	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1311	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1312	-0.1369978	0.9604268	-0.89638162	0.97742526
## FALSE_1313	0.9657579	-0.2091924	2.01803495	1.47535350
## FALSE_1314	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_1315	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_1316	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1317	-0.1369978	-0.2091924	-0.48003639	1.47535350
## FALSE_1318	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1319	-0.1369978	0.9604268	-0.89638162	1.47535350
## FALSE_1320	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1321	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1322	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1323	-0.1369978	2.1300459	1.60168972	-0.76532357
## FALSE_1324	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1325	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1326	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_1327	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1328	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1329	-1.2397535	-0.7940020	2.01803495	-0.26739533
## TRUE_1330	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_1331	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1332	2.0685135	-0.7940020	0.35265405	-0.51635945
## FALSE_1333	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1334	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1335	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1336	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1337	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_1338	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1339	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_1340	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_1341	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1342	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_1343	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1344	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1345	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1346	-1.2397535	-0.7940020	1.18534450	-0.76532357
## TRUE_1347	2.0685135	-0.2091924	-0.48003639	1.72431762
## FALSE_1348	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_1349	2.0685135	-0.7940020	-0.89638162	1.47535350
## FALSE_1350	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1351	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_1352	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_1353	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1354	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_1355	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1356	-0.1369978	-0.2091924	2.01803495	-0.76532357

## FALSE_1357	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1358	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_1359	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1360	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_1361	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_1362	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_1363	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1364	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1365	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1366	0.9657579	-0.2091924	-0.48003639	0.97742526
## FALSE_1367	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1368	-0.1369978	-0.2091924	2.43438017	-0.51635945
## TRUE_1369	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1370	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1371	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1372	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_1373	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1374	0.9657579	0.3756172	-0.06369117	-0.76532357
## FALSE_1375	-1.2397535	-0.7940020	-0.89638162	1.22638938
## FALSE_1376	-0.1369978	-0.2091924	-0.48003639	1.47535350
## FALSE_1377	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1378	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_1379	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1380	-0.1369978	4.4692842	-0.06369117	-0.26739533
## FALSE_1381	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1382	0.9657579	-0.2091924	-0.06369117	0.47949702
## FALSE_1383	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1384	-0.1369978	0.9604268	-0.06369117	-0.76532357
## TRUE_1385	-0.1369978	1.5452363	-0.06369117	-0.76532357
## FALSE_1386	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_1387	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_1388	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1389	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1390	0.9657579	0.3756172	-0.89638162	1.47535350
## FALSE_1391	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_1392	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_1393	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1394	0.9657579	-0.2091924	-0.06369117	-0.51635945
## TRUE_1395	-1.2397535	-0.7940020	1.60168972	0.97742526
## FALSE_1396	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_1397	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1398	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_1399	0.9657579	-0.2091924	1.18534450	-0.76532357
## TRUE_1400	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_1401	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_1402	-0.1369978	1.5452363	-0.48003639	-0.26739533
## FALSE_1403	0.9657579	-0.2091924	1.18534450	-0.26739533
## TRUE_1404	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1405	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1406	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_1407	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1408	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1409	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1410	-0.1369978	0.9604268	0.35265405	-0.76532357

## FALSE_1411	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_1412	-0.1369978	0.9604268	-0.06369117	1.47535350
## FALSE_1413	-0.1369978	-0.2091924	-0.06369117	1.47535350
## FALSE_1414	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1415	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1416	-1.2397535	-0.2091924	0.35265405	0.97742526
## FALSE_1417	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_1418	-0.1369978	-0.2091924	2.43438017	0.47949702
## FALSE_1419	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1420	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1421	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1422	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_1423	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_1424	-1.2397535	-0.2091924	2.43438017	-0.76532357
## FALSE_1425	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1426	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_1427	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1428	-0.1369978	-0.2091924	-0.06369117	0.97742526
## FALSE_1429	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_1430	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_1431	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1432	0.9657579	-0.2091924	0.35265405	-0.76532357
## TRUE_1433	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1434	-0.1369978	-0.2091924	2.01803495	-0.51635945
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## TRUE_1436	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1437	-0.1369978	2.7148555	1.60168972	-0.76532357
## FALSE_1438	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_1439	-0.1369978	-0.2091924	-0.06369117	0.47949702
## TRUE_1440	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1441	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1442	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_1443	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1444	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_1445	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1446	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_1447	-0.1369978	-0.2091924	-0.06369117	0.97742526
## FALSE_1448	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1449	-0.1369978	1.5452363	1.18534450	-0.76532357
## FALSE_1450	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_1451	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_1452	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1453	0.9657579	-0.2091924	-0.06369117	-0.76532357
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## FALSE_1455	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1456	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_1457	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_1458	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1459	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_1460	-0.1369978	-0.2091924	1.60168972	-0.51635945
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## FALSE_1462	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1463	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1464	0.9657579	-0.2091924	1.60168972	-0.76532357

## FALSE_1465	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1466	-0.1369978	1.5452363	1.18534450	-0.51635945
## FALSE_1467	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1468	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1469	0.9657579	0.3756172	2.01803495	-0.76532357
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## FALSE_1471	-0.1369978	-0.2091924	-0.06369117	-0.76532357
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## FALSE_1473	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1474	-0.1369978	-0.2091924	1.18534450	0.97742526
## FALSE_1475	-1.2397535	-0.7940020	-0.48003639	1.47535350
## FALSE_1476	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1477	-1.2397535	-0.7940020	2.43438017	-0.76532357
## FALSE_1478	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1479	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_1480	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_1481	-0.1369978	-0.2091924	-0.06369117	0.97742526
## TRUE_1482	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1483	-0.1369978	1.5452363	2.01803495	-0.76532357
## FALSE_1484	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_1485	-0.1369978	1.5452363	-0.48003639	0.72846114
## FALSE_1486	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_1487	0.9657579	-0.2091924	-0.89638162	-0.26739533
## TRUE_1488	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1489	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_1490	-1.2397535	-0.2091924	2.01803495	-0.51635945
## FALSE_1491	0.9657579	-0.2091924	-0.89638162	1.47535350
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## FALSE_1493	2.0685135	-0.2091924	-0.89638162	2.22224586
## FALSE_1494	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1495	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1496	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1497	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## TRUE_1498	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_1499	-0.1369978	0.9604268	-0.48003639	1.47535350
## FALSE_1500	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_1501	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1502	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1503	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1504	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1505	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1506	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_1507	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_1508	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1509	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1510	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_1511	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1512	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_1513	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_1514	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1515	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1516	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1517	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1518	-1.2397535	-0.7940020	-0.89638162	1.47535350

## FALSE_1519	-0.1369978	-0.2091924	-0.89638162	-0.76532357
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## TRUE_1521	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1522	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1523	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1524	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1525	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_1526	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1527	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_1528	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1529	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_1530	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_1531	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1532	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_1533	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1534	0.9657579	-0.2091924	0.35265405	-0.51635945
## TRUE_1535	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1536	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_1537	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_1538	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_1539	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_1540	-0.1369978	1.5452363	2.43438017	-0.51635945
## TRUE_1541	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1542	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_1543	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1544	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1545	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1546	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1547	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1548	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1549	-1.2397535	-0.7940020	0.35265405	-0.26739533
## TRUE_1550	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_1551	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1552	0.9657579	-0.2091924	1.60168972	0.97742526
## FALSE_1553	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_1554	-0.1369978	2.1300459	-0.06369117	-0.51635945
## FALSE_1555	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1556	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1557	-0.1369978	0.9604268	0.76899928	-0.76532357
## FALSE_1558	0.9657579	-0.2091924	0.35265405	-0.76532357
## TRUE_1559	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1560	-1.2397535	-0.7940020	1.18534450	1.22638938
## FALSE_1561	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_1562	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1563	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1564	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1565	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_1566	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_1567	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1568	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_1569	-1.2397535	-0.2091924	-0.06369117	-0.26739533
## FALSE_1570	-0.1369978	-0.2091924	2.43438017	1.47535350
## FALSE_1571	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1572	-0.1369978	-0.2091924	1.18534450	-0.51635945

## FALSE_1573	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_1574	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1575	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1576	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1577	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1578	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_1579	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_1580	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1581	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_1582	2.0685135	-0.7940020	2.01803495	0.47949702
## FALSE_1583	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1584	-1.2397535	-0.2091924	1.60168972	0.97742526
## FALSE_1585	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1586	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1587	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1588	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_1589	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_1590	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_1591	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1592	-0.1369978	-0.2091924	0.76899928	2.22224586
## FALSE_1593	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1594	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1595	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1596	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1597	2.0685135	-0.2091924	-0.89638162	-0.76532357
## FALSE_1598	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1599	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_1600	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1601	-0.1369978	0.9604268	-0.06369117	-0.26739533
## TRUE_1602	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1603	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_1604	-1.2397535	-0.7940020	-0.48003639	1.22638938
## FALSE_1605	0.9657579	0.3756172	1.60168972	1.47535350
## FALSE_1606	0.9657579	2.1300459	-0.89638162	-0.76532357
## FALSE_1607	0.9657579	-0.2091924	0.35265405	1.72431762
## FALSE_1608	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1609	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_1610	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1611	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1612	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_1613	0.9657579	-0.2091924	-0.06369117	0.47949702
## FALSE_1614	-1.2397535	-0.7940020	-0.06369117	1.47535350
## FALSE_1615	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1616	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_1617	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1618	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1619	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1620	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_1621	-0.1369978	1.5452363	2.43438017	-0.51635945
## FALSE_1622	-0.1369978	4.4692842	-0.89638162	-0.76532357
## FALSE_1623	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1624	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1625	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1626	-0.1369978	-0.2091924	1.60168972	2.22224586

## FALSE_1627	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1628	-0.1369978	-0.2091924	2.43438017	0.97742526
## FALSE_1629	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1630	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_1631	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1632	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_1633	-1.2397535	-0.7940020	-0.89638162	-0.51635945
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## TRUE_1635	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_1636	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_1637	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_1638	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_1639	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_1640	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1641	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1642	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_1643	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_1644	-1.2397535	-0.7940020	-0.06369117	1.47535350
## FALSE_1645	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1646	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1647	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1648	0.9657579	-0.2091924	-0.89638162	0.97742526
## FALSE_1649	-0.1369978	1.5452363	1.60168972	-0.51635945
## FALSE_1650	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_1651	-0.1369978	1.5452363	2.43438017	0.97742526
## FALSE_1652	-0.1369978	0.9604268	-0.89638162	0.97742526
## FALSE_1653	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1654	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1655	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_1656	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_1657	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_1658	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1659	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1660	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1661	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_1662	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_1663	-0.1369978	-0.2091924	1.18534450	1.47535350
## FALSE_1664	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_1665	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1666	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_1667	-1.2397535	-0.7940020	-0.06369117	-0.76532357
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## FALSE_1669	0.9657579	-0.2091924	-0.89638162	1.22638938
## FALSE_1670	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_1671	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_1672	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_1673	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1674	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_1675	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_1676	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_1677	-0.1369978	-0.2091924	2.43438017	0.47949702
## FALSE_1678	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1679	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1680	-0.1369978	1.5452363	-0.89638162	-0.51635945

## FALSE_1681	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_1682	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1683	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1684	-0.1369978	-0.2091924	1.18534450	-0.76532357
## TRUE_1685	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_1686	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1687	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1688	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1689	-0.1369978	-0.2091924	-0.48003639	0.97742526
## FALSE_1690	0.9657579	-0.2091924	-0.48003639	1.22638938
## FALSE_1691	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_1692	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1693	-1.2397535	-0.2091924	2.01803495	-0.51635945
## FALSE_1694	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1695	0.9657579	-0.2091924	-0.48003639	1.47535350
## FALSE_1696	-1.2397535	-0.7940020	0.35265405	-0.76532357
## TRUE_1697	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_1698	-0.1369978	0.9604268	2.01803495	-0.51635945
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## FALSE_1700	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1701	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_1702	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1703	-1.2397535	-0.7940020	-0.89638162	1.22638938
## TRUE_1704	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1705	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1706	0.9657579	-0.2091924	0.35265405	1.47535350
## FALSE_1707	0.9657579	-0.2091924	2.01803495	1.47535350
## FALSE_1708	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1709	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1710	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_1711	0.9657579	-0.2091924	1.60168972	-0.76532357
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## FALSE_1713	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1714	-0.1369978	-0.2091924	-0.06369117	-0.76532357
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## FALSE_1716	-1.2397535	-0.2091924	2.01803495	-0.76532357
## FALSE_1717	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_1718	2.0685135	-0.7940020	0.35265405	-0.26739533
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## FALSE_1720	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_1721	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1722	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_1723	0.9657579	0.3756172	-0.89638162	1.22638938
## FALSE_1724	0.9657579	-0.2091924	2.43438017	-0.26739533
## FALSE_1725	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1726	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_1727	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_1728	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1729	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1730	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1731	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_1732	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1733	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_1734	-0.1369978	-0.2091924	-0.06369117	-0.76532357

## FALSE_1735	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1736	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1737	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1738	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_1739	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_1740	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_1741	0.9657579	-0.2091924	-0.89638162	1.47535350
## TRUE_1742	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_1743	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1744	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## TRUE_1745	-0.1369978	4.4692842	-0.48003639	-0.51635945
## TRUE_1746	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1747	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1748	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1749	-1.2397535	-0.2091924	1.18534450	-0.51635945
## FALSE_1750	-0.1369978	2.1300459	-0.89638162	-0.76532357
## TRUE_1751	0.9657579	-0.2091924	-0.89638162	1.22638938
## TRUE_1752	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_1753	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1754	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1755	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1756	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1757	-0.1369978	1.5452363	1.18534450	-0.76532357
## FALSE_1758	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_1759	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1760	-0.1369978	-0.2091924	-0.48003639	1.47535350
## FALSE_1761	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1762	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1763	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1764	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_1765	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1766	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1767	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_1768	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1769	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_1770	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_1771	-0.1369978	0.9604268	2.43438017	-0.51635945
## FALSE_1772	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_1773	0.9657579	-0.2091924	-0.06369117	0.97742526
## FALSE_1774	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1775	-0.1369978	-0.2091924	2.43438017	1.47535350
## FALSE_1776	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1777	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1778	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1779	-0.1369978	2.1300459	1.60168972	-0.51635945
## FALSE_1780	-1.2397535	-0.7940020	1.60168972	1.47535350
## FALSE_1781	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_1782	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1783	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_1784	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1785	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_1786	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1787	-0.1369978	-0.2091924	1.18534450	-0.26739533
## TRUE_1788	-1.2397535	-0.7940020	-0.06369117	-0.76532357

## FALSE_1789	-0.1369978	1.5452363	1.18534450	-0.76532357
## FALSE_1790	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_1791	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_1792	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_1793	2.0685135	-0.7940020	0.35265405	-0.26739533
## FALSE_1794	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1795	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1796	-0.1369978	1.5452363	-0.89638162	1.47535350
## FALSE_1797	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1798	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1799	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_1800	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1801	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1802	-0.1369978	-0.2091924	2.43438017	1.47535350
## FALSE_1803	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_1804	-0.1369978	0.9604268	-0.06369117	-0.76532357
## TRUE_1805	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1806	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1807	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_1808	2.0685135	-0.2091924	-0.48003639	-0.51635945
## FALSE_1809	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1810	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1811	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1812	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_1813	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1814	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1815	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_1816	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1817	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1818	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_1819	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1820	-0.1369978	-0.2091924	1.60168972	1.22638938
## FALSE_1821	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1822	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1823	-0.1369978	0.9604268	-0.06369117	0.97742526
## FALSE_1824	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1825	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1826	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_1827	-0.1369978	2.1300459	1.18534450	0.72846114
## FALSE_1828	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1829	-0.1369978	-0.2091924	1.60168972	1.47535350
## FALSE_1830	0.9657579	-0.2091924	2.43438017	-0.51635945
## FALSE_1831	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1832	0.9657579	-0.2091924	-0.89638162	1.22638938
## FALSE_1833	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_1834	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1835	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1836	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1837	-0.1369978	-0.2091924	-0.48003639	1.47535350
## FALSE_1838	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1839	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_1840	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_1841	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_1842	0.9657579	-0.2091924	-0.89638162	-0.26739533

## FALSE_1843	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_1844	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_1845	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_1846	0.9657579	-0.2091924	0.76899928	-0.51635945
## FALSE_1847	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1848	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_1849	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1850	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_1851	-0.1369978	-0.2091924	0.76899928	-0.26739533
## FALSE_1852	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1853	0.9657579	-0.2091924	1.60168972	-0.26739533
## FALSE_1854	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1855	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_1856	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_1857	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1858	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_1859	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1860	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1861	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1862	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_1863	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1864	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1865	-0.1369978	-0.2091924	-0.89638162	0.97742526
## TRUE_1866	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1867	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_1868	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1869	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1870	-0.1369978	1.5452363	-0.48003639	1.47535350
## FALSE_1871	-0.1369978	-0.2091924	-0.06369117	1.47535350
## FALSE_1872	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_1873	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_1874	0.9657579	-0.2091924	1.60168972	0.97742526
## FALSE_1875	0.9657579	-0.2091924	2.01803495	0.97742526
## FALSE_1876	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1877	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_1878	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_1879	0.9657579	0.3756172	-0.89638162	-0.51635945
## TRUE_1880	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1881	-0.1369978	0.9604268	2.43438017	1.47535350
## FALSE_1882	-0.1369978	0.9604268	-0.89638162	1.47535350
## FALSE_1883	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_1884	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_1885	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1886	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_1887	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1888	0.9657579	-0.2091924	-0.06369117	1.47535350
## FALSE_1889	-0.1369978	-0.2091924	0.35265405	-0.51635945
## TRUE_1890	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_1891	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_1892	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1893	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_1894	-0.1369978	4.4692842	1.60168972	-0.51635945
## FALSE_1895	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1896	-0.1369978	-0.2091924	-0.06369117	-0.51635945

## FALSE_1897	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1898	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_1899	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_1900	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_1901	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1902	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_1903	-0.1369978	1.5452363	-0.06369117	1.47535350
## FALSE_1904	-0.1369978	2.1300459	1.60168972	-0.51635945
## FALSE_1905	0.9657579	-0.2091924	2.01803495	0.97742526
## FALSE_1906	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_1907	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_1908	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_1909	0.9657579	0.3756172	-0.06369117	-0.26739533
## FALSE_1910	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_1911	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1912	-0.1369978	0.9604268	1.18534450	-0.26739533
## FALSE_1913	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1914	-0.1369978	1.5452363	-0.06369117	-0.76532357
## FALSE_1915	-1.2397535	-0.2091924	-0.89638162	1.22638938
## FALSE_1916	-0.1369978	-0.2091924	-0.89638162	0.97742526
## FALSE_1917	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_1918	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1919	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1920	-0.1369978	4.4692842	0.35265405	-0.26739533
## FALSE_1921	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_1922	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_1923	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1924	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1925	-0.1369978	0.9604268	0.35265405	-0.76532357
## TRUE_1926	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_1927	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_1928	-0.1369978	4.4692842	-0.48003639	0.47949702
## FALSE_1929	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_1930	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1931	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_1932	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1933	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_1934	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_1935	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1936	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_1937	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_1938	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_1939	-0.1369978	-0.2091924	-0.89638162	1.47535350
## FALSE_1940	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_1941	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_1942	-0.1369978	1.5452363	-0.89638162	0.97742526
## TRUE_1943	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_1944	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1945	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1946	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1947	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_1948	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_1949	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1950	-0.1369978	-0.2091924	0.35265405	-0.76532357

## FALSE_1951	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1952	-1.2397535	-0.7940020	-0.06369117	1.22638938
## FALSE_1953	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1954	-0.1369978	0.9604268	2.01803495	-0.76532357
## TRUE_1955	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## TRUE_1956	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_1957	-1.2397535	-0.7940020	-0.89638162	1.47535350
## FALSE_1958	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1959	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_1960	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1961	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_1962	-1.2397535	-0.7940020	1.60168972	-0.76532357
## FALSE_1963	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1964	0.9657579	-0.2091924	-0.89638162	-0.26739533
## TRUE_1965	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_1966	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_1967	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1968	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_1969	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1970	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_1971	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_1972	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_1973	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## TRUE_1974	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_1975	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_1976	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_1977	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_1978	0.9657579	-0.2091924	1.60168972	1.22638938
## FALSE_1979	-0.1369978	0.9604268	-0.89638162	1.47535350
## FALSE_1980	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_1981	0.9657579	-0.2091924	0.76899928	-0.51635945
## FALSE_1982	-0.1369978	2.7148555	0.35265405	-0.26739533
## TRUE_1983	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_1984	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_1985	-0.1369978	0.9604268	1.18534450	-0.26739533
## FALSE_1986	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1987	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_1988	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_1989	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_1990	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_1991	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_1992	0.9657579	-0.2091924	-0.48003639	-0.26739533
## TRUE_1993	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_1994	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_1995	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_1996	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_1997	0.9657579	-0.2091924	0.35265405	2.72017410
## FALSE_1998	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_1999	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_2000	-0.1369978	2.1300459	-0.06369117	-0.76532357
## FALSE_2001	0.9657579	-0.2091924	-0.89638162	1.47535350
## FALSE_2002	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## TRUE_2003	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2004	-0.1369978	-0.2091924	-0.48003639	0.47949702

## FALSE_2005	2.0685135	-0.2091924	1.18534450	-0.76532357
## FALSE_2006	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_2007	-0.1369978	-0.2091924	1.18534450	1.47535350
## FALSE_2008	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2009	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_2010	-0.1369978	1.5452363	-0.48003639	-0.26739533
## FALSE_2011	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2012	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2013	-0.1369978	-0.2091924	-0.48003639	1.47535350
## FALSE_2014	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2015	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2016	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_2017	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_2018	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2019	-0.1369978	1.5452363	-0.48003639	-0.51635945
## TRUE_2020	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2021	-0.1369978	0.9604268	1.60168972	-0.51635945
## TRUE_2022	-1.2397535	3.2996650	0.35265405	-0.76532357
## TRUE_2023	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_2024	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_2025	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_2026	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_2027	-0.1369978	-0.2091924	2.01803495	-0.76532357
## TRUE_2028	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2029	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_2030	-0.1369978	1.5452363	-0.48003639	-0.51635945
## TRUE_2031	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_2032	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2033	-1.2397535	-0.7940020	1.18534450	0.97742526
## FALSE_2034	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2035	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2036	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_2037	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2038	0.9657579	0.3756172	-0.89638162	-0.51635945
## FALSE_2039	-1.2397535	-0.7940020	1.18534450	1.47535350
## TRUE_2040	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2041	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_2042	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2043	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_2044	-0.1369978	0.9604268	1.60168972	-0.26739533
## FALSE_2045	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2046	-0.1369978	0.9604268	-0.89638162	-0.76532357
## TRUE_2047	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2048	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_2049	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2050	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2051	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_2052	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_2053	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_2054	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2055	-0.1369978	1.5452363	0.35265405	-0.01843121
## FALSE_2056	-1.2397535	-0.2091924	0.76899928	-0.51635945
## FALSE_2057	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2058	-1.2397535	-0.7940020	-0.89638162	-0.26739533

## FALSE_2059	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2060	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2061	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_2062	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_2063	-1.2397535	-0.7940020	-0.89638162	2.72017410
## TRUE_2064	-0.1369978	1.5452363	-0.89638162	0.23053290
## FALSE_2065	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_2066	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_2067	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_2068	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_2069	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2070	0.9657579	2.1300459	-0.06369117	-0.26739533
## FALSE_2071	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2072	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_2073	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2074	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2075	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2076	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2077	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_2078	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2079	-0.1369978	-0.2091924	1.18534450	3.46706646
## FALSE_2080	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_2081	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2082	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2083	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_2084	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2085	-0.1369978	1.5452363	0.35265405	-0.76532357
## FALSE_2086	-0.1369978	0.9604268	-0.89638162	-0.26739533
## TRUE_2087	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2088	-0.1369978	-0.7940020	-0.89638162	-0.01843121
## FALSE_2089	-0.1369978	2.1300459	0.35265405	-0.01843121
## FALSE_2090	-0.1369978	2.1300459	-0.06369117	0.47949702
## FALSE_2091	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2092	-0.1369978	0.9604268	2.01803495	-0.51635945
## FALSE_2093	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_2094	-1.2397535	-0.2091924	-0.06369117	-0.01843121
## FALSE_2095	-0.1369978	-0.2091924	0.76899928	-0.26739533
## FALSE_2096	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_2097	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2098	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2099	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_2100	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_2101	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_2102	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2103	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_2104	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2105	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_2106	-0.1369978	0.9604268	0.35265405	-0.01843121
## FALSE_2107	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_2108	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## TRUE_2109	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_2110	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2111	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_2112	-0.1369978	-0.2091924	-0.89638162	-0.26739533

## FALSE_2113	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_2114	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2115	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_2116	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2117	-0.1369978	-0.2091924	1.60168972	1.72431762
## FALSE_2118	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2119	0.9657579	-0.2091924	-0.89638162	0.47949702
## TRUE_2120	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_2121	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_2122	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2123	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2124	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## TRUE_2125	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_2126	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_2127	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2128	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2129	0.9657579	-0.2091924	1.18534450	-0.01843121
## TRUE_2130	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2131	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_2132	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2133	-0.1369978	2.1300459	-0.89638162	-0.26739533
## TRUE_2134	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2135	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2136	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_2137	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2138	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_2139	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_2140	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2141	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2142	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2143	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_2144	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2145	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2146	-0.1369978	-0.2091924	2.01803495	2.22224586
## FALSE_2147	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_2148	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_2149	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2150	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_2151	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2152	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_2153	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_2154	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_2155	-1.2397535	-0.7940020	-0.89638162	2.72017410
## FALSE_2156	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_2157	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_2158	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2159	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_2160	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_2161	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2162	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_2163	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_2164	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2165	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_2166	-1.2397535	-0.7940020	1.60168972	-0.26739533

## FALSE_2167	0.9657579	-0.2091924	1.18534450	2.47120998
## FALSE_2168	-0.1369978	-0.2091924	0.35265405	-0.51635945
## TRUE_2169	-1.2397535	-0.7940020	2.43438017	-0.01843121
## FALSE_2170	0.9657579	-0.2091924	-0.06369117	-0.01843121
## TRUE_2171	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2172	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_2173	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2174	5.3767806	-0.7940020	-0.06369117	-0.76532357
## TRUE_2175	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_2176	0.9657579	0.3756172	0.76899928	-0.76532357
## FALSE_2177	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2178	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2179	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2180	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_2181	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2182	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2183	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2184	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2185	-1.2397535	3.2996650	1.60168972	-0.01843121
## FALSE_2186	-1.2397535	-0.7940020	-0.06369117	0.47949702
## FALSE_2187	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2188	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_2189	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_2190	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2191	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2192	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2193	-0.1369978	2.1300459	-0.89638162	0.47949702
## FALSE_2194	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2195	-0.1369978	1.5452363	-0.89638162	1.72431762
## FALSE_2196	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_2197	-0.1369978	0.9604268	0.35265405	-0.51635945
## TRUE_2198	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2199	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_2200	-0.1369978	1.5452363	1.18534450	-0.26739533
## FALSE_2201	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_2202	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_2203	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2204	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2205	-0.1369978	4.4692842	2.43438017	-0.26739533
## TRUE_2206	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_2207	2.0685135	-0.2091924	-0.89638162	-0.76532357
## FALSE_2208	0.9657579	-0.2091924	0.35265405	1.72431762
## FALSE_2209	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2210	0.9657579	0.3756172	-0.06369117	-0.01843121
## FALSE_2211	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2212	0.9657579	-0.2091924	-0.89638162	-0.26739533
## TRUE_2213	-0.1369978	-0.2091924	0.35265405	-0.01843121
## TRUE_2214	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_2215	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_2216	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2217	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2218	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_2219	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2220	-1.2397535	-0.7940020	-0.06369117	-0.26739533

## FALSE_2221	0.9657579	-0.2091924	-0.89638162	2.22224586
## TRUE_2222	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2223	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2224	0.9657579	-0.2091924	2.43438017	-0.01843121
## FALSE_2225	0.9657579	-0.2091924	0.35265405	-0.76532357
## TRUE_2226	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_2227	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2228	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_2229	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2230	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2231	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_2232	-0.1369978	-0.2091924	0.76899928	-0.76532357
## TRUE_2233	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2234	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_2235	0.9657579	-0.2091924	-0.06369117	1.72431762
## TRUE_2236	2.0685135	-0.2091924	-0.89638162	-0.01843121
## FALSE_2237	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_2238	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_2239	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_2240	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_2241	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_2242	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_2243	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_2244	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_2245	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_2246	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2247	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_2248	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_2249	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2250	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_2251	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2252	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2253	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_2254	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_2255	-0.1369978	-0.2091924	0.35265405	-0.51635945
## TRUE_2256	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2257	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_2258	-1.2397535	-0.7940020	0.76899928	-0.01843121
## TRUE_2259	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2260	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2261	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_2262	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_2263	-0.1369978	2.1300459	1.18534450	-0.76532357
## FALSE_2264	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2265	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_2266	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_2267	0.9657579	-0.2091924	0.35265405	0.47949702
## FALSE_2268	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2269	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2270	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_2271	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_2272	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2273	0.9657579	-0.2091924	0.35265405	-0.01843121
## TRUE_2274	-0.1369978	0.9604268	-0.89638162	-0.26739533

## FALSE_2275	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_2276	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_2277	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_2278	0.9657579	-0.2091924	-0.48003639	0.47949702
## FALSE_2279	-1.2397535	-0.7940020	0.35265405	2.72017410
## FALSE_2280	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2281	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2282	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2283	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2284	0.9657579	-0.2091924	0.76899928	-0.76532357
## FALSE_2285	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_2286	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2287	0.9657579	-0.2091924	1.18534450	0.23053290
## FALSE_2288	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_2289	-1.2397535	-0.2091924	-0.89638162	0.47949702
## TRUE_2290	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2291	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2292	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_2293	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2294	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_2295	-0.1369978	-0.2091924	-0.48003639	1.72431762
## FALSE_2296	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_2297	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2298	0.9657579	-0.2091924	-0.06369117	2.72017410
## FALSE_2299	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2300	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2301	-1.2397535	-0.7940020	0.76899928	-0.51635945
## FALSE_2302	2.0685135	-0.2091924	-0.89638162	0.47949702
## FALSE_2303	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_2304	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2305	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2306	-0.1369978	0.9604268	-0.89638162	0.47949702
## FALSE_2307	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2308	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2309	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_2310	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_2311	2.0685135	-0.7940020	-0.89638162	0.23053290
## FALSE_2312	-0.1369978	2.1300459	0.35265405	-0.76532357
## FALSE_2313	0.9657579	-0.2091924	-0.06369117	-0.26739533
## TRUE_2314	-0.1369978	0.9604268	1.18534450	-0.01843121
## TRUE_2315	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_2316	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_2317	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2318	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2319	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_2320	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_2321	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2322	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_2323	-0.1369978	-0.2091924	-0.48003639	1.72431762
## FALSE_2324	-0.1369978	1.5452363	-0.48003639	-0.51635945
## FALSE_2325	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_2326	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2327	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2328	-0.1369978	-0.2091924	-0.48003639	-0.01843121

## FALSE_2329	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2330	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2331	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2332	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2333	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_2334	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_2335	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2336	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2337	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2338	-0.1369978	4.4692842	-0.89638162	-0.26739533
## TRUE_2339	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2340	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_2341	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_2342	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_2343	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2344	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2345	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2346	-0.1369978	0.9604268	0.35265405	-0.01843121
## TRUE_2347	-0.1369978	-0.2091924	-0.89638162	1.72431762
## FALSE_2348	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2349	-0.1369978	2.1300459	-0.48003639	-0.51635945
## TRUE_2350	-1.2397535	3.2996650	-0.48003639	1.72431762
## FALSE_2351	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_2352	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2353	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2354	-0.1369978	4.4692842	-0.48003639	-0.76532357
## FALSE_2355	0.9657579	-0.2091924	0.76899928	-0.76532357
## FALSE_2356	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_2357	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2358	-0.1369978	2.7148555	-0.06369117	-0.01843121
## FALSE_2359	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2360	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_2361	0.9657579	-0.2091924	1.60168972	-0.26739533
## FALSE_2362	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2363	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_2364	0.9657579	-0.2091924	1.18534450	0.23053290
## FALSE_2365	-0.1369978	0.9604268	0.35265405	-0.26739533
## FALSE_2366	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_2367	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_2368	-0.1369978	0.9604268	2.43438017	-0.51635945
## FALSE_2369	4.2740249	-0.2091924	-0.48003639	-0.26739533
## FALSE_2370	0.9657579	-0.2091924	-0.48003639	1.72431762
## FALSE_2371	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2372	-0.1369978	4.4692842	1.60168972	-0.76532357
## FALSE_2373	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_2374	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2375	0.9657579	-0.2091924	-0.06369117	2.72017410
## FALSE_2376	-1.2397535	-0.7940020	0.76899928	-0.76532357
## FALSE_2377	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_2378	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_2379	0.9657579	-0.2091924	-0.48003639	3.71603057
## FALSE_2380	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2381	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2382	-0.1369978	-0.2091924	1.60168972	0.47949702

## FALSE_2383	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_2384	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_2385	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2386	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2387	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_2388	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2389	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_2390	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_2391	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_2392	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_2393	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_2394	2.0685135	-0.2091924	-0.48003639	-0.51635945
## FALSE_2395	-0.1369978	1.5452363	-0.06369117	-0.01843121
## FALSE_2396	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2397	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2398	-1.2397535	-0.7940020	-0.48003639	0.23053290
## FALSE_2399	2.0685135	-0.2091924	2.43438017	-0.26739533
## FALSE_2400	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2401	-0.1369978	0.9604268	0.76899928	-0.26739533
## FALSE_2402	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_2403	-1.2397535	-0.7940020	0.76899928	-0.01843121
## FALSE_2404	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2405	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_2406	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_2407	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_2408	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_2409	-1.2397535	3.2996650	-0.48003639	1.72431762
## FALSE_2410	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2411	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_2412	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_2413	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2414	-1.2397535	3.2996650	-0.06369117	-0.76532357
## FALSE_2415	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2416	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2417	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_2418	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2419	-0.1369978	0.9604268	-0.06369117	0.47949702
## FALSE_2420	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_2421	-0.1369978	1.5452363	-0.48003639	-0.51635945
## FALSE_2422	0.9657579	-0.2091924	-0.48003639	1.72431762
## FALSE_2423	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2424	-1.2397535	3.2996650	-0.89638162	-0.26739533
## FALSE_2425	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2426	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2427	0.9657579	0.3756172	-0.89638162	-0.51635945
## TRUE_2428	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2429	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_2430	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2431	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2432	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2433	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2434	-1.2397535	-0.7940020	0.76899928	-0.51635945
## FALSE_2435	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2436	-1.2397535	-0.7940020	-0.89638162	0.47949702

## TRUE_2437	-0.1369978	0.9604268	0.76899928	-0.51635945
## FALSE_2438	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2439	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2440	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2441	2.0685135	-0.2091924	1.18534450	2.22224586
## FALSE_2442	-0.1369978	0.9604268	1.60168972	-0.01843121
## FALSE_2443	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_2444	0.9657579	-0.2091924	1.60168972	0.47949702
## FALSE_2445	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_2446	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2447	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_2448	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_2449	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2450	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_2451	-0.1369978	-0.2091924	0.35265405	-0.01843121
## TRUE_2452	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_2453	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_2454	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2455	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2456	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2457	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_2458	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_2459	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2460	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_2461	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2462	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2463	0.9657579	-0.2091924	0.35265405	0.47949702
## FALSE_2464	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2465	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2466	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2467	-0.1369978	4.4692842	0.35265405	-0.26739533
## FALSE_2468	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2469	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_2470	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_2471	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2472	-0.1369978	4.4692842	-0.06369117	-0.01843121
## FALSE_2473	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_2474	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2475	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_2476	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2477	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2478	0.9657579	1.5452363	-0.89638162	-0.26739533
## FALSE_2479	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2480	-0.1369978	1.5452363	-0.48003639	-0.01843121
## FALSE_2481	0.9657579	0.3756172	-0.48003639	-0.76532357
## FALSE_2482	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_2483	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_2484	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2485	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_2486	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2487	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_2488	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2489	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2490	-0.1369978	-0.2091924	1.18534450	1.72431762

## FALSE_2491	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_2492	0.9657579	-0.2091924	0.35265405	1.72431762
## FALSE_2493	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_2494	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2495	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2496	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2497	2.0685135	-0.2091924	-0.89638162	-0.76532357
## FALSE_2498	-0.1369978	0.9604268	1.60168972	-0.01843121
## FALSE_2499	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2500	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2501	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2502	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_2503	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_2504	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2505	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_2506	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2507	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_2508	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2509	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_2510	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2511	-1.2397535	-0.7940020	1.18534450	-0.76532357
## TRUE_2512	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_2513	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2514	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_2515	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2516	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2517	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2518	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2519	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_2520	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_2521	-0.1369978	0.9604268	1.60168972	-0.76532357
## FALSE_2522	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2523	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2524	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2525	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2526	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_2527	-1.2397535	-0.7940020	-0.89638162	2.72017410
## FALSE_2528	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_2529	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2530	-0.1369978	-0.2091924	2.01803495	2.96913822
## FALSE_2531	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2532	-0.1369978	-0.2091924	-0.48003639	1.72431762
## FALSE_2533	-1.2397535	-0.7940020	1.60168972	-0.26739533
## TRUE_2534	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_2535	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2536	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2537	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_2538	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2539	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_2540	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2541	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_2542	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_2543	-0.1369978	4.4692842	-0.48003639	-0.26739533
## TRUE_2544	-0.1369978	-0.2091924	0.76899928	-0.51635945

## FALSE_2545	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2546	-0.1369978	4.4692842	-0.06369117	-0.51635945
## FALSE_2547	-0.1369978	0.9604268	0.76899928	-0.76532357
## FALSE_2548	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_2549	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2550	-0.1369978	-0.2091924	2.01803495	0.47949702
## FALSE_2551	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2552	-0.1369978	-0.2091924	0.35265405	-0.26739533
## TRUE_2553	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2554	-0.1369978	-0.2091924	1.18534450	1.72431762
## FALSE_2555	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_2556	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_2557	-0.1369978	1.5452363	-0.48003639	-0.01843121
## FALSE_2558	-1.2397535	-0.7940020	-0.06369117	0.72846114
## TRUE_2559	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2560	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_2561	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2562	0.9657579	-0.2091924	1.60168972	2.22224586
## FALSE_2563	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2564	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2565	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_2566	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2567	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_2568	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_2569	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2570	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_2571	-1.2397535	-0.2091924	0.35265405	2.72017410
## FALSE_2572	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_2573	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2574	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_2575	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2576	-0.1369978	1.5452363	-0.89638162	-0.51635945
## TRUE_2577	0.9657579	-0.2091924	-0.48003639	1.72431762
## FALSE_2578	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_2579	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_2580	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_2581	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2582	-0.1369978	-0.2091924	-0.48003639	0.72846114
## FALSE_2583	0.9657579	-0.2091924	1.18534450	-0.01843121
## FALSE_2584	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_2585	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2586	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_2587	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_2588	-0.1369978	-0.2091924	1.18534450	0.23053290
## FALSE_2589	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2590	-0.1369978	1.5452363	1.18534450	-0.76532357
## FALSE_2591	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2592	-0.1369978	0.9604268	-0.89638162	0.47949702
## FALSE_2593	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2594	-1.2397535	-0.7940020	-0.89638162	3.21810234
## FALSE_2595	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_2596	-0.1369978	4.4692842	1.60168972	-0.01843121
## FALSE_2597	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2598	-0.1369978	-0.2091924	1.60168972	-0.26739533

## FALSE_2599	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2600	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_2601	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_2602	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2603	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_2604	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_2605	0.9657579	-0.2091924	-0.89638162	2.22224586
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## FALSE_2607	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2608	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_2609	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2610	-1.2397535	2.1300459	-0.89638162	-0.01843121
## FALSE_2611	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2612	-0.1369978	0.9604268	1.18534450	0.23053290
## TRUE_2613	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2614	-1.2397535	-0.2091924	1.18534450	-0.01843121
## FALSE_2615	-1.2397535	-0.2091924	-0.48003639	-0.01843121
## TRUE_2616	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_2617	-1.2397535	-0.2091924	-0.48003639	2.22224586
## FALSE_2618	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2619	2.0685135	-0.2091924	-0.89638162	0.23053290
## FALSE_2620	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_2621	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_2622	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_2623	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_2624	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2625	-1.2397535	-0.2091924	2.01803495	0.47949702
## FALSE_2626	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2627	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2628	-0.1369978	-0.2091924	-0.06369117	2.47120998
## FALSE_2629	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2630	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_2631	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2632	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_2633	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_2634	4.2740249	-0.2091924	-0.06369117	0.23053290
## FALSE_2635	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2636	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_2637	0.9657579	-0.2091924	-0.06369117	3.46706646
## FALSE_2638	-0.1369978	2.1300459	-0.48003639	-0.26739533
## FALSE_2639	-0.1369978	-0.2091924	-0.06369117	-0.26739533
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## TRUE_2641	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_2642	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2643	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2644	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2645	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_2646	-0.1369978	-0.2091924	2.43438017	0.23053290
## FALSE_2647	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2648	0.9657579	2.7148555	-0.06369117	-0.26739533
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## FALSE_2650	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_2651	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_2652	0.9657579	-0.2091924	-0.89638162	-0.51635945

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## FALSE_2657	-0.1369978	-0.2091924	-0.48003639	3.71603057
## FALSE_2658	-1.2397535	-0.7940020	0.76899928	-0.26739533
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## FALSE_2660	-1.2397535	-0.7940020	-0.89638162	-0.26739533
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## FALSE_2678	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2679	0.9657579	-0.2091924	1.60168972	0.23053290
## FALSE_2680	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_2681	-0.1369978	2.7148555	2.43438017	1.72431762
## FALSE_2682	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2683	-0.1369978	-0.2091924	-0.06369117	-0.51635945
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## FALSE_2685	-0.1369978	-0.2091924	-0.48003639	2.47120998
## FALSE_2686	-0.1369978	1.5452363	1.60168972	-0.26739533
## FALSE_2687	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_2688	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_2689	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2690	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2691	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2692	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2693	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_2694	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2695	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2696	-1.2397535	-0.7940020	-0.06369117	1.72431762
## FALSE_2697	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2698	-0.1369978	-0.2091924	1.60168972	-0.76532357
## TRUE_2699	-0.1369978	2.7148555	0.35265405	-0.01843121
## FALSE_2700	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_2701	0.9657579	-0.2091924	1.60168972	-0.01843121
## FALSE_2702	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2703	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2704	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_2705	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2706	-0.1369978	-0.2091924	0.35265405	2.22224586

## FALSE_2707	2.0685135	-0.7940020	-0.89638162	-0.26739533
## TRUE_2708	2.0685135	-0.7940020	-0.48003639	-0.26739533
## FALSE_2709	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_2710	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2711	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_2712	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_2713	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2714	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2715	2.0685135	-0.2091924	-0.89638162	0.47949702
## FALSE_2716	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2717	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_2718	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_2719	0.9657579	-0.2091924	-0.89638162	1.72431762
## TRUE_2720	-1.2397535	3.2996650	0.35265405	3.96499469
## FALSE_2721	2.0685135	-0.7940020	-0.48003639	-0.26739533
## TRUE_2722	-0.1369978	-0.2091924	-0.06369117	0.23053290
## FALSE_2723	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2724	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_2725	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_2726	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2727	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2728	-0.1369978	1.5452363	-0.89638162	3.71603057
## FALSE_2729	-1.2397535	-0.7940020	-0.48003639	3.96499469
## FALSE_2730	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2731	-0.1369978	-0.2091924	1.18534450	-0.26739533
## TRUE_2732	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2733	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2734	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_2735	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_2736	0.9657579	-0.2091924	2.01803495	-0.51635945
## TRUE_2737	0.9657579	-0.2091924	2.01803495	-0.01843121
## TRUE_2738	-0.1369978	1.5452363	0.76899928	-0.76532357
## FALSE_2739	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_2740	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_2741	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_2742	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_2743	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2744	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_2745	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2746	-0.1369978	2.1300459	-0.89638162	-0.26739533
## TRUE_2747	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2748	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_2749	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2750	-0.1369978	1.5452363	-0.48003639	-0.26739533
## FALSE_2751	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2752	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_2753	0.9657579	-0.2091924	-0.89638162	0.47949702
## TRUE_2754	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_2755	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_2756	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_2757	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2758	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2759	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_2760	-0.1369978	-0.2091924	-0.89638162	-0.01843121

## FALSE_2761	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_2762	-0.1369978	-0.2091924	-0.89638162	0.47949702
## TRUE_2763	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_2764	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_2765	0.9657579	-0.2091924	-0.48003639	-0.76532357
## TRUE_2766	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2767	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_2768	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_2769	-0.1369978	1.5452363	0.35265405	-0.51635945
## TRUE_2770	-0.1369978	-0.2091924	-0.89638162	2.47120998
## FALSE_2771	-0.1369978	1.5452363	-0.06369117	-0.76532357
## FALSE_2772	-0.1369978	4.4692842	1.60168972	-0.01843121
## FALSE_2773	0.9657579	0.3756172	0.35265405	-0.01843121
## FALSE_2774	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_2775	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_2776	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_2777	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2778	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2779	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2780	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2781	0.9657579	-0.2091924	0.35265405	0.47949702
## TRUE_2782	2.0685135	-0.7940020	-0.06369117	-0.51635945
## FALSE_2783	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2784	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2785	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_2786	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_2787	-0.1369978	-0.2091924	-0.89638162	2.96913822
## FALSE_2788	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2789	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_2790	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_2791	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2792	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_2793	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2794	0.9657579	-0.2091924	2.43438017	-0.51635945
## TRUE_2795	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_2796	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_2797	-1.2397535	-0.2091924	0.35265405	0.23053290
## FALSE_2798	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2799	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_2800	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2801	-0.1369978	-0.2091924	1.60168972	2.47120998
## FALSE_2802	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_2803	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2804	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2805	-0.1369978	4.4692842	1.18534450	-0.76532357
## FALSE_2806	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2807	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_2808	-1.2397535	-0.7940020	1.60168972	3.71603057
## FALSE_2809	0.9657579	-0.2091924	0.76899928	-0.01843121
## FALSE_2810	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_2811	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_2812	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_2813	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_2814	-0.1369978	-0.2091924	-0.89638162	-0.26739533

## FALSE_2815	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_2816	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_2817	-0.1369978	-0.2091924	-0.06369117	-0.26739533
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## FALSE_2819	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2820	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_2821	0.9657579	-0.2091924	1.60168972	-0.26739533
## FALSE_2822	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_2823	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_2824	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_2825	0.9657579	-0.2091924	-0.06369117	-0.26739533
## TRUE_2826	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_2827	-0.1369978	-0.2091924	2.43438017	2.22224586
## FALSE_2828	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_2829	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2830	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2831	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2832	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_2833	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2834	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2835	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2836	-0.1369978	-0.2091924	1.60168972	2.22224586
## TRUE_2837	-0.1369978	0.9604268	0.35265405	-0.01843121
## FALSE_2838	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2839	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2840	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_2841	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2842	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2843	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_2844	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2845	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2846	-0.1369978	2.1300459	-0.06369117	-0.51635945
## FALSE_2847	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2848	-0.1369978	1.5452363	1.60168972	-0.76532357
## FALSE_2849	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_2850	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_2851	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2852	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_2853	0.9657579	-0.2091924	1.18534450	-0.76532357
## TRUE_2854	-0.1369978	-0.2091924	-0.89638162	0.47949702
## TRUE_2855	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2856	-0.1369978	-0.7940020	1.60168972	-0.01843121
## FALSE_2857	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_2858	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2859	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_2860	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_2861	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_2862	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_2863	-0.1369978	-0.2091924	-0.89638162	1.72431762
## FALSE_2864	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2865	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## TRUE_2866	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2867	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_2868	-0.1369978	-0.2091924	-0.89638162	-0.76532357

## FALSE_2869	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2870	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_2871	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_2872	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_2873	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_2874	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_2875	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2876	0.9657579	-0.2091924	-0.48003639	0.47949702
## FALSE_2877	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_2878	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_2879	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_2880	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2881	-0.1369978	0.9604268	1.18534450	0.47949702
## FALSE_2882	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2883	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2884	-0.1369978	-0.2091924	0.35265405	0.47949702
## TRUE_2885	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_2886	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2887	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_2888	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_2889	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_2890	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2891	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2892	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2893	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_2894	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_2895	2.0685135	-0.7940020	1.60168972	-0.01843121
## FALSE_2896	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_2897	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_2898	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2899	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_2900	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2901	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2902	-0.1369978	2.1300459	-0.89638162	-0.26739533
## TRUE_2903	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_2904	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2905	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_2906	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2907	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_2908	-0.1369978	0.9604268	-0.89638162	0.23053290
## FALSE_2909	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_2910	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_2911	-0.1369978	2.1300459	-0.48003639	-0.51635945
## FALSE_2912	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_2913	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2914	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_2915	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2916	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_2917	0.9657579	-0.2091924	0.35265405	0.47949702
## FALSE_2918	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_2919	0.9657579	0.3756172	-0.06369117	-0.01843121
## FALSE_2920	-0.1369978	1.5452363	-0.06369117	-0.01843121
## TRUE_2921	-0.1369978	0.9604268	0.76899928	0.23053290
## FALSE_2922	-0.1369978	-0.2091924	-0.06369117	-0.51635945

## FALSE_2923	0.9657579	-0.2091924	-0.06369117	1.72431762
## FALSE_2924	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_2925	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_2926	-1.2397535	3.2996650	0.35265405	0.47949702
## FALSE_2927	0.9657579	-0.2091924	-0.06369117	0.47949702
## TRUE_2928	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_2929	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_2930	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_2931	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_2932	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_2933	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_2934	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_2935	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_2936	2.0685135	-0.2091924	2.01803495	-0.26739533
## FALSE_2937	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_2938	-0.1369978	1.5452363	1.18534450	0.47949702
## FALSE_2939	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_2940	2.0685135	-0.2091924	-0.48003639	-0.01843121
## FALSE_2941	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_2942	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## TRUE_2943	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_2944	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_2945	0.9657579	-0.2091924	0.35265405	-0.26739533
## TRUE_2946	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_2947	0.9657579	-0.2091924	2.01803495	2.72017410
## FALSE_2948	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_2949	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_2950	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_2951	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_2952	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_2953	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_2954	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_2955	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_2956	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_2957	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_2958	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_2959	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2960	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_2961	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2962	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_2963	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2964	2.0685135	-0.2091924	1.18534450	-0.26739533
## FALSE_2965	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_2966	-0.1369978	-0.2091924	1.18534450	-0.76532357
## TRUE_2967	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_2968	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_2969	0.9657579	0.3756172	0.35265405	-0.51635945
## FALSE_2970	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2971	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_2972	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_2973	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_2974	2.0685135	-0.7940020	0.76899928	-0.76532357
## FALSE_2975	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2976	-1.2397535	-0.7940020	1.18534450	-0.76532357

## FALSE_2977	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_2978	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2979	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_2980	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_2981	-0.1369978	-0.2091924	1.60168972	-0.01843121
## TRUE_2982	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_2983	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_2984	-0.1369978	1.5452363	1.60168972	-0.26739533
## FALSE_2985	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_2986	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_2987	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_2988	0.9657579	-0.2091924	1.60168972	1.72431762
## FALSE_2989	-1.2397535	-0.7940020	1.60168972	-0.01843121
## TRUE_2990	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_2991	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_2992	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_2993	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_2994	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_2995	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_2996	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_2997	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_2998	0.9657579	-0.2091924	1.18534450	0.23053290
## FALSE_2999	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3000	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3001	-0.1369978	4.4692842	-0.06369117	-0.01843121
## FALSE_3002	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_3003	-0.1369978	5.6389033	2.01803495	-0.26739533
## FALSE_3004	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_3005	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_3006	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3007	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_3008	2.0685135	-0.7940020	0.35265405	-0.51635945
## FALSE_3009	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_3010	2.0685135	-0.2091924	0.35265405	-0.01843121
## FALSE_3011	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3012	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_3013	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_3014	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3015	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3016	-0.1369978	-0.2091924	0.35265405	-0.51635945
## TRUE_3017	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_3018	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3019	-0.1369978	-0.2091924	0.76899928	-0.26739533
## FALSE_3020	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3021	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_3022	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_3023	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_3024	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_3025	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3026	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3027	0.9657579	0.3756172	1.60168972	1.72431762
## FALSE_3028	-0.1369978	-0.2091924	1.18534450	1.72431762
## TRUE_3029	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3030	0.9657579	-0.2091924	-0.06369117	-0.51635945

## FALSE_3031	0.9657579	-0.2091924	1.60168972	-0.01843121
## FALSE_3032	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3033	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3034	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3035	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_3036	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_3037	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3038	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3039	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3040	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_3041	-0.1369978	2.7148555	-0.06369117	1.72431762
## FALSE_3042	0.9657579	-0.2091924	0.76899928	-0.01843121
## FALSE_3043	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_3044	2.0685135	-0.7940020	-0.06369117	-0.01843121
## FALSE_3045	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_3046	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_3047	2.0685135	-0.2091924	0.35265405	-0.51635945
## FALSE_3048	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_3049	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_3050	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3051	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_3052	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_3053	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_3054	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_3055	0.9657579	0.3756172	0.35265405	-0.26739533
## FALSE_3056	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_3057	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_3058	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_3059	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3060	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3061	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_3062	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_3063	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_3064	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3065	-0.1369978	2.1300459	1.18534450	-0.26739533
## FALSE_3066	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3067	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_3068	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_3069	-1.2397535	3.2996650	1.18534450	0.47949702
## FALSE_3070	-0.1369978	-0.2091924	-0.48003639	1.72431762
## FALSE_3071	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_3072	0.9657579	-0.2091924	-0.89638162	2.22224586
## TRUE_3073	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_3074	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3075	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_3076	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_3077	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_3078	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3079	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3080	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_3081	2.0685135	-0.2091924	-0.06369117	-0.76532357
## TRUE_3082	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_3083	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3084	-1.2397535	-0.7940020	0.35265405	-0.26739533

## FALSE_3085	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_3086	-0.1369978	2.1300459	1.18534450	0.47949702
## FALSE_3087	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_3088	-0.1369978	2.1300459	0.35265405	-0.26739533
## FALSE_3089	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_3090	-1.2397535	-0.7940020	-0.06369117	2.72017410
## FALSE_3091	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_3092	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_3093	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_3094	-0.1369978	-0.2091924	-0.89638162	1.72431762
## FALSE_3095	-0.1369978	1.5452363	-0.06369117	0.47949702
## FALSE_3096	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_3097	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_3098	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_3099	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3100	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_3101	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_3102	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_3103	0.9657579	-0.2091924	1.18534450	2.72017410
## FALSE_3104	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3105	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_3106	0.9657579	0.3756172	-0.89638162	-0.01843121
## FALSE_3107	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3108	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_3109	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3110	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_3111	0.9657579	0.3756172	-0.89638162	-0.01843121
## FALSE_3112	-1.2397535	3.2996650	0.35265405	1.72431762
## FALSE_3113	0.9657579	-0.2091924	-0.06369117	3.71603057
## FALSE_3114	-0.1369978	0.9604268	-0.89638162	0.47949702
## FALSE_3115	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_3116	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## TRUE_3117	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3118	-0.1369978	1.5452363	1.18534450	-0.01843121
## FALSE_3119	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3120	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3121	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_3122	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3123	0.9657579	-0.2091924	-0.06369117	0.47949702
## TRUE_3124	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_3125	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_3126	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_3127	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3128	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_3129	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_3130	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3131	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3132	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3133	2.0685135	1.5452363	-0.89638162	2.22224586
## FALSE_3134	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_3135	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_3136	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_3137	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3138	2.0685135	-0.7940020	-0.06369117	-0.26739533

## FALSE_3139	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3140	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_3141	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3142	2.0685135	-0.7940020	-0.89638162	-0.01843121
## TRUE_3143	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3144	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3145	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_3146	-0.1369978	2.1300459	-0.89638162	-0.51635945
## TRUE_3147	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3148	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3149	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_3150	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_3151	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_3152	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3153	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_3154	-0.1369978	-0.2091924	0.76899928	-0.76532357
## TRUE_3155	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_3156	0.9657579	0.3756172	-0.06369117	-0.01843121
## FALSE_3157	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3158	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_3159	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3160	4.2740249	-0.2091924	0.35265405	0.23053290
## FALSE_3161	-0.1369978	0.9604268	2.43438017	0.23053290
## FALSE_3162	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_3163	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_3164	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3165	-1.2397535	-0.7940020	-0.06369117	0.47949702
## FALSE_3166	-0.1369978	0.9604268	-0.89638162	0.47949702
## FALSE_3167	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_3168	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_3169	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_3170	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3171	-0.1369978	4.4692842	-0.89638162	-0.76532357
## TRUE_3172	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_3173	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_3174	-0.1369978	1.5452363	-0.48003639	0.47949702
## FALSE_3175	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3176	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_3177	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_3178	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_3179	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3180	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_3181	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3182	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_3183	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3184	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_3185	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_3186	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3187	-0.1369978	1.5452363	0.35265405	-0.26739533
## FALSE_3188	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3189	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_3190	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_3191	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_3192	-1.2397535	-0.7940020	2.01803495	-0.51635945

## FALSE_3193	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3194	2.0685135	-0.7940020	-0.06369117	-0.01843121
## FALSE_3195	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_3196	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3197	2.0685135	-0.7940020	-0.06369117	-0.01843121
## FALSE_3198	-0.1369978	0.9604268	1.60168972	0.47949702
## FALSE_3199	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_3200	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_3201	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_3202	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3203	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_3204	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_3205	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_3206	2.0685135	-0.2091924	-0.89638162	-0.01843121
## FALSE_3207	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3208	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_3209	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_3210	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_3211	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_3212	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_3213	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3214	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3215	-1.2397535	-0.7940020	1.18534450	0.47949702
## FALSE_3216	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_3217	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3218	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3219	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3220	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3221	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3222	-0.1369978	1.5452363	-0.89638162	1.72431762
## FALSE_3223	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3224	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3225	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_3226	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_3227	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_3228	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_3229	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_3230	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_3231	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3232	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_3233	-0.1369978	1.5452363	-0.06369117	0.47949702
## TRUE_3234	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3235	0.9657579	-0.2091924	2.43438017	2.22224586
## FALSE_3236	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3237	-0.1369978	0.9604268	-0.89638162	0.47949702
## FALSE_3238	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3239	0.9657579	-0.2091924	2.43438017	-0.26739533
## FALSE_3240	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3241	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_3242	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## TRUE_3243	-1.2397535	-0.2091924	1.18534450	-0.51635945
## FALSE_3244	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_3245	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_3246	-0.1369978	-0.2091924	-0.89638162	-0.01843121

## FALSE_3247	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_3248	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_3249	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_3250	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3251	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_3252	2.0685135	-0.2091924	-0.06369117	-0.01843121
## FALSE_3253	2.0685135	-0.2091924	-0.89638162	1.72431762
## FALSE_3254	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_3255	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3256	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_3257	-0.1369978	1.5452363	-0.06369117	0.47949702
## FALSE_3258	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_3259	0.9657579	0.3756172	-0.89638162	-0.01843121
## FALSE_3260	-0.1369978	4.4692842	0.35265405	-0.76532357
## FALSE_3261	-0.1369978	-0.2091924	1.18534450	-0.76532357
## TRUE_3262	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3263	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_3264	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3265	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_3266	0.9657579	-0.2091924	-0.89638162	-0.01843121
## TRUE_3267	-1.2397535	-0.7940020	1.18534450	0.23053290
## FALSE_3268	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_3269	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_3270	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_3271	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_3272	-0.1369978	4.4692842	-0.89638162	-0.01843121
## FALSE_3273	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_3274	-1.2397535	3.2996650	-0.89638162	1.72431762
## FALSE_3275	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_3276	2.0685135	-0.7940020	-0.48003639	-0.01843121
## FALSE_3277	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_3278	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3279	-0.1369978	-0.2091924	2.01803495	0.47949702
## FALSE_3280	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3281	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3282	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3283	-0.1369978	1.5452363	2.01803495	-0.01843121
## FALSE_3284	0.9657579	-0.2091924	1.60168972	-0.01843121
## FALSE_3285	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_3286	-0.1369978	1.5452363	-0.89638162	0.23053290
## FALSE_3287	-0.1369978	2.7148555	-0.89638162	-0.51635945
## TRUE_3288	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_3289	-0.1369978	4.4692842	-0.48003639	-0.51635945
## TRUE_3290	-1.2397535	-0.7940020	2.01803495	-0.01843121
## TRUE_3291	-0.1369978	0.9604268	1.60168972	-0.51635945
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## FALSE_3293	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3294	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## TRUE_3295	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_3296	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_3297	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3298	-1.2397535	-0.7940020	1.18534450	2.22224586
## FALSE_3299	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3300	-0.1369978	-0.2091924	-0.48003639	-0.26739533

## FALSE_3301	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_3302	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_3303	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3304	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_3305	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3306	-1.2397535	-0.7940020	-0.89638162	2.72017410
## FALSE_3307	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3308	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_3309	0.9657579	-0.2091924	-0.48003639	0.47949702
## TRUE_3310	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3311	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_3312	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_3313	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3314	6.4795363	1.5452363	-0.89638162	-0.51635945
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## FALSE_3318	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3319	-0.1369978	0.9604268	1.60168972	-0.01843121
## FALSE_3320	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_3321	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_3322	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_3323	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3324	-0.1369978	-0.2091924	0.35265405	-0.51635945
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## FALSE_3326	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_3327	-0.1369978	4.4692842	1.18534450	-0.26739533
## FALSE_3328	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_3329	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## TRUE_3330	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_3331	2.0685135	-0.7940020	-0.06369117	-0.01843121
## FALSE_3332	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3333	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_3334	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_3335	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_3336	-1.2397535	-0.7940020	-0.89638162	-0.26739533
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## FALSE_3340	-1.2397535	-0.7940020	-0.89638162	-0.51635945
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## TRUE_3347	-0.1369978	2.7148555	-0.89638162	0.47949702
## TRUE_3348	-0.1369978	-0.2091924	0.76899928	-0.26739533
## FALSE_3349	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_3350	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_3351	2.0685135	1.5452363	-0.89638162	-0.01843121
## FALSE_3352	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_3353	0.9657579	-0.2091924	-0.06369117	-0.01843121
## TRUE_3354	0.9657579	-0.2091924	-0.89638162	-0.26739533

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## FALSE_3359	0.9657579	-0.2091924	-0.06369117	2.22224586
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## FALSE_3365	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_3366	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3367	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_3368	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3369	2.0685135	-0.2091924	-0.48003639	-0.51635945
## TRUE_3370	-0.1369978	-0.2091924	-0.89638162	-0.51635945
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## FALSE_3374	-1.2397535	-0.2091924	-0.48003639	-0.01843121
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## FALSE_3376	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3377	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_3378	2.0685135	-0.7940020	2.43438017	-0.76532357
## FALSE_3379	-0.1369978	-0.2091924	0.35265405	-0.26739533
## TRUE_3380	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3381	0.9657579	-0.2091924	-0.06369117	2.22224586
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## FALSE_3383	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_3384	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_3385	-0.1369978	-0.2091924	-0.89638162	-0.51635945
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## FALSE_3387	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_3388	0.9657579	-0.2091924	-0.06369117	2.22224586
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## FALSE_3390	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_3391	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3392	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_3393	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3394	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_3395	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_3396	5.3767806	-0.7940020	1.18534450	-0.26739533
## FALSE_3397	2.0685135	-0.2091924	-0.89638162	2.22224586
## FALSE_3398	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3399	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_3400	-1.2397535	-0.7940020	1.60168972	-0.76532357
## FALSE_3401	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3402	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_3403	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_3404	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3405	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_3406	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3407	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_3408	4.2740249	-0.2091924	-0.48003639	-0.51635945

## FALSE_3409	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_3410	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_3411	0.9657579	-0.2091924	1.60168972	2.22224586
## FALSE_3412	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_3413	-0.1369978	-0.2091924	-0.89638162	0.72846114
## TRUE_3414	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3415	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3416	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_3417	-0.1369978	0.9604268	-0.06369117	-0.01843121
## TRUE_3418	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_3419	-1.2397535	-0.7940020	1.60168972	-0.01843121
## FALSE_3420	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_3421	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3422	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3423	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3424	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_3425	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3426	-0.1369978	1.5452363	2.43438017	-0.01843121
## FALSE_3427	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_3428	0.9657579	-0.2091924	2.43438017	-0.26739533
## FALSE_3429	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3430	2.0685135	-0.2091924	-0.06369117	2.22224586
## FALSE_3431	-0.1369978	0.9604268	-0.89638162	0.23053290
## FALSE_3432	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_3433	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_3434	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_3435	-0.1369978	0.9604268	1.60168972	0.47949702
## FALSE_3436	-1.2397535	3.2996650	0.35265405	-0.01843121
## FALSE_3437	-0.1369978	-0.2091924	1.60168972	0.23053290
## TRUE_3438	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_3439	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3440	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3441	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_3442	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_3443	0.9657579	0.3756172	2.01803495	1.72431762
## FALSE_3444	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3445	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3446	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3447	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3448	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3449	-1.2397535	-0.2091924	-0.48003639	1.72431762
## FALSE_3450	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3451	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3452	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3453	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_3454	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_3455	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_3456	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_3457	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_3458	-0.1369978	4.4692842	-0.48003639	-0.51635945
## FALSE_3459	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_3460	2.0685135	-0.7940020	1.60168972	-0.51635945
## FALSE_3461	0.9657579	-0.2091924	-0.89638162	-0.01843121
## TRUE_3462	-0.1369978	-0.2091924	0.35265405	-0.51635945

## FALSE_3463	-1.2397535	-0.7940020	1.60168972	-0.76532357
## TRUE_3464	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_3465	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_3466	0.9657579	-0.2091924	2.43438017	-0.01843121
## FALSE_3467	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_3468	-0.1369978	-0.2091924	-0.06369117	0.23053290
## FALSE_3469	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3470	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_3471	-0.1369978	-0.2091924	0.76899928	2.22224586
## FALSE_3472	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3473	-0.1369978	-0.2091924	1.18534450	-0.51635945
## TRUE_3474	2.0685135	-0.7940020	-0.06369117	-0.76532357
## TRUE_3475	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_3476	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3477	2.0685135	-0.7940020	-0.89638162	-0.26739533
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## TRUE_3479	-0.1369978	1.5452363	-0.89638162	-0.51635945
## TRUE_3480	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_3481	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_3482	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_3483	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_3484	0.9657579	0.3756172	-0.48003639	-0.51635945
## FALSE_3485	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3486	-1.2397535	-0.7940020	-0.48003639	0.23053290
## TRUE_3487	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_3488	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_3489	-0.1369978	-0.2091924	-0.89638162	-0.26739533
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## FALSE_3491	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3492	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_3493	-1.2397535	-0.7940020	0.35265405	-0.26739533
## TRUE_3494	-0.1369978	-0.2091924	2.43438017	2.22224586
## FALSE_3495	0.9657579	-0.2091924	-0.89638162	2.22224586
## TRUE_3496	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3497	-0.1369978	-0.2091924	-0.89638162	-0.76532357
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## FALSE_3500	0.9657579	-0.2091924	-0.48003639	2.22224586
## TRUE_3501	-0.1369978	4.4692842	1.18534450	-0.01843121
## FALSE_3502	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_3503	0.9657579	-0.2091924	-0.89638162	-0.01843121
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## FALSE_3505	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3506	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3507	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_3508	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_3509	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_3510	-0.1369978	-0.2091924	2.01803495	-0.26739533
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## FALSE_3513	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3514	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_3515	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_3516	-1.2397535	-0.7940020	1.60168972	-0.51635945

## FALSE_3517	0.9657579	-0.2091924	-0.89638162	-0.76532357
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## FALSE_3519	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_3520	-0.1369978	-0.2091924	-0.06369117	-0.26739533
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## FALSE_3529	-0.1369978	-0.2091924	1.60168972	1.72431762
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## FALSE_3570	2.0685135	-0.7940020	-0.06369117	-0.26739533

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## FALSE_3577	-0.1369978	0.9604268	-0.89638162	-0.76532357
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## TRUE_3583	0.9657579	-0.2091924	-0.48003639	0.23053290
## FALSE_3584	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_3585	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_3586	-0.1369978	-0.2091924	0.35265405	-0.76532357
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## FALSE_3603	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_3604	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3605	-0.1369978	-0.2091924	-0.89638162	-0.76532357
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## FALSE_3621	-0.1369978	-0.2091924	-0.06369117	-0.26739533
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## FALSE_3625	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3626	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3627	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_3628	-1.2397535	0.9604268	-0.48003639	-0.51635945
## FALSE_3629	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_3630	0.9657579	-0.2091924	-0.06369117	2.22224586
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## FALSE_3633	-1.2397535	-0.2091924	-0.06369117	-0.01843121
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## TRUE_3635	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3636	-0.1369978	2.7148555	1.60168972	-0.26739533
## FALSE_3637	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_3638	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_3639	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_3640	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3641	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_3642	-0.1369978	4.4692842	-0.48003639	0.23053290
## FALSE_3643	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_3644	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_3645	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_3646	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_3647	-0.1369978	0.9604268	-0.06369117	-0.26739533
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## FALSE_3650	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_3651	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_3652	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_3653	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_3654	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_3655	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_3656	-0.1369978	0.9604268	-0.48003639	-0.01843121
## FALSE_3657	-0.1369978	4.4692842	-0.89638162	-0.76532357
## FALSE_3658	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_3659	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_3660	-0.1369978	2.1300459	1.18534450	0.47949702
## TRUE_3661	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3662	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_3663	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3664	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3665	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_3666	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_3667	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_3668	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_3669	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_3670	-0.1369978	1.5452363	-0.48003639	0.47949702
## FALSE_3671	-1.2397535	-0.7940020	0.76899928	-0.01843121
## FALSE_3672	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3673	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_3674	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_3675	0.9657579	-0.2091924	1.60168972	0.47949702
## FALSE_3676	-0.1369978	0.9604268	0.76899928	0.47949702
## FALSE_3677	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_3678	-0.1369978	4.4692842	1.18534450	-0.76532357

## FALSE_3679	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3680	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_3681	-0.1369978	0.9604268	-0.48003639	0.47949702
## FALSE_3682	-0.1369978	-0.2091924	1.60168972	-0.76532357
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## FALSE_3684	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3685	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_3686	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_3687	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_3688	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_3689	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3690	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_3691	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_3692	-1.2397535	3.2996650	0.35265405	3.96499469
## FALSE_3693	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_3694	0.9657579	-0.2091924	-0.48003639	3.46706646
## FALSE_3695	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_3696	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_3697	-0.1369978	1.5452363	-0.89638162	0.47949702
## FALSE_3698	-1.2397535	-0.7940020	-0.89638162	2.22224586
## FALSE_3699	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_3700	-0.1369978	2.1300459	-0.89638162	-0.51635945
## FALSE_3701	-0.1369978	0.9604268	-0.89638162	0.47949702
## FALSE_3702	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_3703	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_3704	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_3705	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_3706	-0.1369978	0.9604268	-0.06369117	0.47949702
## FALSE_3707	0.9657579	0.3756172	2.43438017	-0.76532357
## FALSE_3708	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3709	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_3710	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3711	2.0685135	-0.7940020	-0.48003639	-0.51635945
## FALSE_3712	-1.2397535	3.2996650	-0.06369117	-0.51635945
## FALSE_3713	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_3714	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3715	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_3716	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_3717	0.9657579	-0.2091924	1.18534450	-0.76532357
## TRUE_3718	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3719	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_3720	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_3721	-1.2397535	-0.2091924	-0.48003639	-0.01843121
## FALSE_3722	-1.2397535	-0.2091924	-0.06369117	-0.01843121
## FALSE_3723	0.9657579	0.3756172	-0.06369117	-0.76532357
## TRUE_3724	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_3725	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_3726	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3727	-0.1369978	2.1300459	-0.48003639	0.23053290
## FALSE_3728	0.9657579	0.3756172	-0.89638162	2.72017410
## FALSE_3729	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3730	-0.1369978	0.9604268	-0.48003639	-0.01843121
## FALSE_3731	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3732	0.9657579	-0.2091924	1.18534450	-0.51635945

## FALSE_3733	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3734	-0.1369978	-0.2091924	0.76899928	-0.51635945
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## FALSE_3737	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3738	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_3739	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_3740	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_3741	-1.2397535	-0.7940020	-0.06369117	-0.26739533
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## FALSE_3753	-0.1369978	-0.2091924	1.18534450	-0.76532357
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## FALSE_3757	0.9657579	-0.2091924	1.18534450	-0.26739533
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## FALSE_3760	-0.1369978	-0.2091924	-0.48003639	-0.76532357
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## FALSE_3767	0.9657579	-0.2091924	0.35265405	-0.01843121
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## FALSE_3772	-1.2397535	3.2996650	-0.06369117	-0.51635945
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## FALSE_3775	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_3776	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_3777	-0.1369978	-0.2091924	-0.89638162	-0.76532357
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## FALSE_3780	-0.1369978	-0.2091924	1.60168972	3.46706646
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## FALSE_3786	-1.2397535	3.2996650	-0.06369117	1.72431762

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## FALSE_3790	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_3791	2.0685135	-0.7940020	0.35265405	-0.26739533
## FALSE_3792	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3793	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_3794	0.9657579	-0.2091924	-0.89638162	-0.26739533
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## FALSE_3800	-0.1369978	-0.2091924	1.18534450	2.22224586
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## FALSE_3804	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3805	-0.1369978	2.7148555	-0.89638162	-0.51635945
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## FALSE_3808	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3809	2.0685135	-0.2091924	2.01803495	-0.01843121
## TRUE_3810	-0.1369978	-0.2091924	1.18534450	-0.51635945
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## FALSE_3812	0.9657579	-0.2091924	-0.89638162	2.22224586
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## FALSE_3814	-0.1369978	-0.2091924	-0.06369117	-0.76532357
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## FALSE_3817	-0.1369978	0.9604268	-0.06369117	-0.26739533
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## FALSE_3823	-1.2397535	-0.7940020	1.18534450	-0.01843121
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## FALSE_3827	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_3828	-0.1369978	2.1300459	-0.48003639	2.22224586
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## FALSE_3837	-0.1369978	2.1300459	-0.89638162	-0.76532357
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## FALSE_3851	-0.1369978	2.1300459	-0.48003639	1.72431762
## FALSE_3852	-0.1369978	-0.2091924	-0.89638162	-0.51635945
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## FALSE_3857	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_3858	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_3859	-0.1369978	-0.2091924	0.35265405	-0.26739533
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## TRUE_3862	-0.1369978	-0.2091924	2.01803495	-0.26739533
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## FALSE_3867	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_3868	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3869	-0.1369978	-0.2091924	0.76899928	-0.01843121
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## FALSE_3871	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3872	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_3873	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3874	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_3875	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_3876	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3877	-1.2397535	-0.7940020	0.35265405	-0.76532357
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## FALSE_3881	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_3882	2.0685135	-0.2091924	-0.06369117	0.47949702
## FALSE_3883	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_3884	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3885	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_3886	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3887	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_3888	-0.1369978	1.5452363	-0.89638162	0.47949702
## TRUE_3889	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3890	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3891	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_3892	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_3893	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3894	-0.1369978	-0.2091924	-0.89638162	3.71603057

## FALSE_3895	-1.2397535	-0.7940020	1.18534450	-0.76532357
## TRUE_3896	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3897	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_3898	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3899	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_3900	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_3901	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_3902	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## TRUE_3903	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_3904	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_3905	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_3906	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_3907	-0.1369978	0.9604268	1.18534450	-0.76532357
## FALSE_3908	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3909	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3910	-0.1369978	0.9604268	1.60168972	-0.76532357
## TRUE_3911	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_3912	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_3913	-1.2397535	-0.7940020	0.35265405	2.72017410
## TRUE_3914	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_3915	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_3916	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_3917	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_3918	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3919	-0.1369978	-0.2091924	1.60168972	1.72431762
## FALSE_3920	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3921	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_3922	0.9657579	-0.2091924	-0.48003639	-0.51635945
## TRUE_3923	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_3924	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_3925	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_3926	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_3927	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3928	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_3929	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_3930	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_3931	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_3932	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_3933	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_3934	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_3935	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_3936	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_3937	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_3938	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_3939	-0.1369978	0.9604268	1.18534450	0.47949702
## FALSE_3940	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_3941	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_3942	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_3943	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_3944	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_3945	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_3946	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_3947	-0.1369978	0.9604268	1.18534450	-0.01843121
## FALSE_3948	-0.1369978	-0.2091924	-0.48003639	-0.01843121

## FALSE_3949	-0.1369978	-0.2091924	2.43438017	-0.51635945
## TRUE_3950	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_3951	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3952	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_3953	-0.1369978	4.4692842	-0.06369117	-0.76532357
## FALSE_3954	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_3955	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3956	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_3957	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3958	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3959	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_3960	-0.1369978	-0.2091924	-0.48003639	0.23053290
## FALSE_3961	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_3962	-1.2397535	-0.7940020	2.01803495	0.23053290
## FALSE_3963	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_3964	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3965	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_3966	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_3967	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_3968	-0.1369978	0.9604268	2.01803495	-0.51635945
## FALSE_3969	2.0685135	-0.2091924	0.35265405	2.22224586
## FALSE_3970	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_3971	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_3972	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_3973	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_3974	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_3975	0.9657579	-0.2091924	-0.89638162	2.22224586
## TRUE_3976	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_3977	0.9657579	-0.2091924	1.18534450	-0.01843121
## FALSE_3978	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_3979	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_3980	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_3981	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_3982	-0.1369978	2.7148555	1.60168972	-0.01843121
## FALSE_3983	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_3984	-0.1369978	-0.2091924	0.76899928	2.22224586
## FALSE_3985	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_3986	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_3987	-1.2397535	-0.7940020	0.76899928	-0.01843121
## TRUE_3988	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_3989	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_3990	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_3991	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_3992	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_3993	-1.2397535	3.2996650	-0.89638162	1.72431762
## TRUE_3994	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_3995	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_3996	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_3997	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_3998	-1.2397535	-0.7940020	2.43438017	-0.01843121
## FALSE_3999	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_4000	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4001	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4002	-0.1369978	-0.2091924	1.60168972	2.22224586

## FALSE_4003	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4004	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_4005	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_4006	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_4007	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_4008	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4009	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_4010	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_4011	-0.1369978	1.5452363	-0.06369117	-0.76532357
## FALSE_4012	-0.1369978	-0.2091924	2.01803495	-0.26739533
## TRUE_4013	0.9657579	1.5452363	1.60168972	-0.51635945
## TRUE_4014	-0.1369978	-0.2091924	2.43438017	-0.51635945
## TRUE_4015	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4016	-0.1369978	-0.2091924	2.01803495	-0.26739533
## TRUE_4017	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4018	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_4019	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_4020	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_4021	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_4022	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4023	0.9657579	-0.2091924	-0.89638162	0.72846114
## FALSE_4024	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_4025	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4026	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_4027	-0.1369978	-0.2091924	0.76899928	0.23053290
## FALSE_4028	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4029	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4030	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_4031	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_4032	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4033	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_4034	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4035	-0.1369978	2.1300459	1.60168972	2.22224586
## FALSE_4036	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4037	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4038	-1.2397535	-0.7940020	0.35265405	0.23053290
## FALSE_4039	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_4040	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_4041	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4042	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_4043	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4044	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4045	-0.1369978	0.9604268	2.43438017	3.96499469
## FALSE_4046	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_4047	-0.1369978	-0.2091924	1.18534450	1.72431762
## FALSE_4048	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_4049	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_4050	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_4051	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4052	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_4053	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4054	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_4055	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_4056	-0.1369978	-0.2091924	-0.06369117	-0.51635945

## TRUE_4057	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4058	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4059	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_4060	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_4061	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4062	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_4063	0.9657579	-0.2091924	1.18534450	1.72431762
## FALSE_4064	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_4065	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_4066	-1.2397535	-0.7940020	2.01803495	-0.26739533
## TRUE_4067	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_4068	-0.1369978	-0.2091924	0.35265405	-0.26739533
## TRUE_4069	-0.1369978	-0.2091924	-0.48003639	-0.76532357
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## FALSE_4071	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_4072	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4073	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4074	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_4075	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_4076	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_4077	-0.1369978	4.4692842	2.01803495	-0.51635945
## FALSE_4078	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_4079	-0.1369978	4.4692842	-0.89638162	0.23053290
## FALSE_4080	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4081	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_4082	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_4083	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4084	-0.1369978	4.4692842	-0.06369117	-0.26739533
## FALSE_4085	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4086	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_4087	-0.1369978	4.4692842	-0.06369117	-0.76532357
## FALSE_4088	0.9657579	-0.2091924	0.76899928	-0.01843121
## FALSE_4089	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4090	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4091	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## TRUE_4092	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4093	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4094	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_4095	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4096	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4097	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4098	-1.2397535	3.2996650	-0.89638162	-0.01843121
## FALSE_4099	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4100	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_4101	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_4102	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4103	0.9657579	-0.2091924	0.35265405	3.96499469
## FALSE_4104	-0.1369978	-0.2091924	1.18534450	-0.01843121
## TRUE_4105	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4106	0.9657579	-0.2091924	2.43438017	2.22224586
## FALSE_4107	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_4108	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4109	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4110	-0.1369978	-0.2091924	-0.89638162	-0.01843121

## FALSE_4111	-0.1369978	-0.2091924	-0.89638162	1.72431762
## FALSE_4112	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4113	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_4114	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_4115	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4116	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4117	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4118	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4119	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4120	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4121	0.9657579	-0.2091924	2.01803495	-0.26739533
## FALSE_4122	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_4123	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_4124	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4125	0.9657579	-0.2091924	1.60168972	-0.01843121
## TRUE_4126	-0.1369978	-0.2091924	-0.89638162	0.47949702
## TRUE_4127	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_4128	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_4129	0.9657579	-0.2091924	-0.48003639	3.71603057
## FALSE_4130	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_4131	-0.1369978	2.1300459	1.18534450	2.22224586
## FALSE_4132	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4133	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4134	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4135	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4136	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_4137	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_4138	-0.1369978	0.9604268	1.60168972	-0.26739533
## FALSE_4139	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_4140	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_4141	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4142	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4143	-0.1369978	1.5452363	1.18534450	-0.26739533
## FALSE_4144	0.9657579	-0.2091924	-0.89638162	2.72017410
## FALSE_4145	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_4146	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4147	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4148	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4149	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_4150	0.9657579	0.3756172	0.76899928	-0.51635945
## FALSE_4151	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_4152	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4153	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4154	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4155	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4156	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_4157	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_4158	-0.1369978	1.5452363	-0.48003639	-0.51635945
## FALSE_4159	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_4160	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4161	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4162	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_4163	-0.1369978	1.5452363	1.60168972	-0.51635945
## FALSE_4164	0.9657579	-0.2091924	0.35265405	-0.26739533

## TRUE_4165	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4166	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4167	0.9657579	-0.2091924	2.43438017	-0.26739533
## FALSE_4168	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4169	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4170	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_4171	0.9657579	0.3756172	-0.06369117	-0.76532357
## TRUE_4172	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_4173	-1.2397535	-0.7940020	0.35265405	-0.26739533
## TRUE_4174	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4175	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4176	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4177	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4178	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4179	-1.2397535	-0.2091924	-0.48003639	-0.01843121
## FALSE_4180	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_4181	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_4182	-0.1369978	4.4692842	-0.06369117	-0.26739533
## FALSE_4183	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4184	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_4185	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4186	-0.1369978	1.5452363	0.76899928	-0.51635945
## FALSE_4187	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4188	0.9657579	-0.2091924	-0.48003639	-0.26739533
## TRUE_4189	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4190	0.9657579	-0.2091924	0.76899928	-0.51635945
## TRUE_4191	4.2740249	-0.2091924	2.43438017	-0.51635945
## FALSE_4192	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_4193	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_4194	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4195	-0.1369978	-0.2091924	-0.89638162	3.71603057
## FALSE_4196	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4197	-0.1369978	-0.2091924	0.76899928	2.22224586
## FALSE_4198	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_4199	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4200	-0.1369978	-0.2091924	1.18534450	0.23053290
## TRUE_4201	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4202	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_4203	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_4204	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4205	0.9657579	0.3756172	-0.06369117	-0.51635945
## FALSE_4206	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_4207	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4208	-1.2397535	-0.7940020	-0.89638162	-0.01843121
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## FALSE_4210	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4211	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_4212	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_4213	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4214	-0.1369978	-0.2091924	2.01803495	0.47949702
## FALSE_4215	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4216	2.0685135	-0.2091924	-0.89638162	2.22224586
## FALSE_4217	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4218	-1.2397535	-0.7940020	1.18534450	2.72017410

## TRUE_4219	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4220	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4221	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4222	-0.1369978	-0.2091924	1.18534450	0.23053290
## FALSE_4223	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_4224	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_4225	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_4226	-0.1369978	4.4692842	-0.06369117	-0.26739533
## FALSE_4227	-0.1369978	0.9604268	-0.48003639	-0.01843121
## FALSE_4228	-0.1369978	0.9604268	1.60168972	-0.01843121
## FALSE_4229	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_4230	-0.1369978	-0.2091924	-0.06369117	3.46706646
## FALSE_4231	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4232	-0.1369978	2.1300459	1.18534450	-0.76532357
## FALSE_4233	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4234	0.9657579	-0.2091924	1.18534450	-0.01843121
## TRUE_4235	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4236	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4237	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_4238	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4239	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4240	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4241	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4242	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_4243	-0.1369978	4.4692842	0.35265405	-0.51635945
## FALSE_4244	-0.1369978	1.5452363	-0.06369117	0.47949702
## TRUE_4245	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_4246	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4247	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4248	-1.2397535	-0.7940020	1.18534450	-0.51635945
## TRUE_4249	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_4250	-0.1369978	-0.2091924	2.01803495	0.47949702
## FALSE_4251	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4252	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_4253	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_4254	-0.1369978	-0.2091924	1.18534450	-0.51635945
## TRUE_4255	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4256	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_4257	0.9657579	-0.2091924	-0.48003639	-0.51635945
## TRUE_4258	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_4259	-0.1369978	-0.2091924	0.35265405	0.47949702
## TRUE_4260	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_4261	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_4262	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4263	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4264	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4265	-1.2397535	-0.7940020	2.01803495	-0.01843121
## FALSE_4266	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4267	-0.1369978	0.9604268	2.01803495	-0.01843121
## TRUE_4268	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4269	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4270	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_4271	-0.1369978	-0.2091924	0.76899928	2.22224586
## FALSE_4272	-0.1369978	0.9604268	-0.89638162	-0.26739533

## FALSE_4273	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_4274	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4275	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4276	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4277	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_4278	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4279	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_4280	-1.2397535	3.2996650	-0.89638162	3.71603057
## TRUE_4281	-1.2397535	-0.7940020	0.76899928	-0.51635945
## FALSE_4282	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_4283	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_4284	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_4285	-1.2397535	-0.2091924	2.43438017	-0.01843121
## FALSE_4286	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4287	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_4288	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4289	0.9657579	0.3756172	0.35265405	-0.51635945
## FALSE_4290	-0.1369978	-0.2091924	-0.89638162	2.22224586
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## FALSE_4294	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4295	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_4296	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_4297	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_4298	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_4299	2.0685135	-0.2091924	-0.06369117	-0.26739533
## FALSE_4300	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_4301	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4302	0.9657579	-0.2091924	1.60168972	-0.01843121
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## FALSE_4304	-1.2397535	-0.7940020	-0.89638162	-0.26739533
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## FALSE_4307	-1.2397535	-0.7940020	-0.89638162	-0.01843121
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## TRUE_4311	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4312	0.9657579	-0.2091924	-0.06369117	0.47949702
## TRUE_4313	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4314	-0.1369978	1.5452363	0.35265405	0.47949702
## FALSE_4315	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4316	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_4317	0.9657579	0.3756172	-0.48003639	1.72431762
## FALSE_4318	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4319	-0.1369978	-0.2091924	-0.06369117	0.23053290
## FALSE_4320	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4321	-0.1369978	-0.2091924	-0.06369117	0.47949702
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## FALSE_4323	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_4324	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4325	-0.1369978	1.5452363	1.18534450	-0.01843121
## FALSE_4326	0.9657579	-0.2091924	-0.89638162	-0.51635945

## FALSE_4327	-0.1369978	-0.2091924	-0.06369117	3.71603057
## FALSE_4328	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4329	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_4330	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_4331	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4332	0.9657579	2.7148555	-0.06369117	-0.01843121
## FALSE_4333	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_4334	-0.1369978	-0.2091924	-0.89638162	3.46706646
## FALSE_4335	-0.1369978	0.9604268	-0.89638162	-0.01843121
## TRUE_4336	-0.1369978	1.5452363	-0.06369117	-0.76532357
## FALSE_4337	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_4338	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_4339	-0.1369978	-0.2091924	2.01803495	-0.26739533
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## FALSE_4341	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4342	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4343	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4344	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4345	0.9657579	-0.2091924	-0.89638162	-0.01843121
## TRUE_4346	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_4347	-0.1369978	1.5452363	-0.06369117	0.47949702
## FALSE_4348	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_4349	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4350	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_4351	-1.2397535	-0.2091924	0.35265405	-0.51635945
## FALSE_4352	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_4353	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_4354	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4355	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4356	0.9657579	1.5452363	-0.89638162	0.23053290
## FALSE_4357	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4358	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4359	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4360	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4361	-0.1369978	-0.2091924	1.60168972	1.72431762
## FALSE_4362	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_4363	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4364	0.9657579	0.3756172	2.01803495	-0.01843121
## FALSE_4365	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_4366	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_4367	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_4368	-0.1369978	-0.2091924	2.01803495	-0.26739533
## TRUE_4369	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_4370	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4371	-0.1369978	-0.2091924	0.35265405	0.23053290
## FALSE_4372	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_4373	2.0685135	-0.7940020	0.35265405	3.96499469
## TRUE_4374	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_4375	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4376	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_4377	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4378	-1.2397535	-0.7940020	-0.89638162	2.72017410
## FALSE_4379	-0.1369978	-0.2091924	0.35265405	1.72431762
## TRUE_4380	-1.2397535	-0.7940020	-0.06369117	-0.01843121

## FALSE_4381	-0.1369978	1.5452363	-0.06369117	-0.01843121
## TRUE_4382	0.9657579	2.1300459	0.35265405	0.47949702
## FALSE_4383	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4384	-0.1369978	-0.7940020	-0.89638162	-0.26739533
## TRUE_4385	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_4386	-0.1369978	0.9604268	-0.89638162	-0.76532357
## TRUE_4387	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_4388	0.9657579	-0.2091924	0.35265405	0.23053290
## FALSE_4389	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4390	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_4391	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4392	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_4393	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_4394	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_4395	-0.1369978	0.9604268	-0.89638162	0.47949702
## TRUE_4396	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_4397	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4398	2.0685135	-0.2091924	-0.48003639	2.22224586
## FALSE_4399	-1.2397535	-0.2091924	-0.89638162	0.47949702
## FALSE_4400	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4401	-0.1369978	4.4692842	-0.48003639	-0.01843121
## TRUE_4402	-0.1369978	1.5452363	-0.06369117	-0.01843121
## FALSE_4403	-0.1369978	1.5452363	-0.48003639	-0.26739533
## FALSE_4404	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4405	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_4406	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4407	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_4408	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_4409	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_4410	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4411	-0.1369978	1.5452363	-0.48003639	-0.51635945
## TRUE_4412	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_4413	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_4414	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_4415	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4416	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4417	-0.1369978	-0.2091924	-0.89638162	3.71603057
## FALSE_4418	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4419	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_4420	0.9657579	-0.2091924	-0.89638162	3.71603057
## FALSE_4421	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_4422	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_4423	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_4424	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_4425	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_4426	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_4427	-0.1369978	1.5452363	2.43438017	-0.01843121
## FALSE_4428	-1.2397535	3.2996650	-0.06369117	-0.76532357
## TRUE_4429	-0.1369978	-0.2091924	-0.89638162	-0.01843121
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## FALSE_4431	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4432	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_4433	-1.2397535	3.2996650	-0.48003639	-0.76532357
## FALSE_4434	-0.1369978	0.9604268	-0.06369117	-0.26739533

## FALSE_4435	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_4436	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_4437	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_4438	-0.1369978	-0.2091924	-0.89638162	0.72846114
## FALSE_4439	-0.1369978	-0.2091924	1.18534450	1.72431762
## TRUE_4440	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_4441	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_4442	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_4443	-0.1369978	1.5452363	1.18534450	0.47949702
## FALSE_4444	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_4445	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_4446	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_4447	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_4448	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_4449	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_4450	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_4451	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4452	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4453	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_4454	0.9657579	-0.2091924	-0.06369117	2.22224586
## TRUE_4455	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_4456	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_4457	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4458	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_4459	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_4460	2.0685135	-0.2091924	-0.89638162	1.72431762
## FALSE_4461	-1.2397535	-0.7940020	1.60168972	0.47949702
## FALSE_4462	-0.1369978	0.9604268	-0.89638162	-0.26739533
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## FALSE_4464	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## TRUE_4465	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_4466	0.9657579	-0.2091924	1.18534450	0.47949702
## FALSE_4467	4.2740249	-0.2091924	-0.06369117	-0.51635945
## FALSE_4468	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4469	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4470	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4471	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_4472	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_4473	2.0685135	-0.2091924	-0.06369117	-0.01843121
## FALSE_4474	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4475	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_4476	-0.1369978	4.4692842	-0.06369117	-0.01843121
## FALSE_4477	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_4478	-1.2397535	-0.7940020	2.01803495	2.72017410
## FALSE_4479	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4480	-0.1369978	1.5452363	-0.48003639	-0.76532357
## FALSE_4481	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_4482	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_4483	-0.1369978	-0.2091924	-0.06369117	0.23053290
## TRUE_4484	-0.1369978	1.5452363	-0.06369117	-0.01843121
## FALSE_4485	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_4486	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4487	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4488	2.0685135	-0.2091924	-0.89638162	0.47949702

## FALSE_4489	0.9657579	-0.2091924	-0.06369117	3.46706646
## FALSE_4490	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_4491	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4492	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_4493	2.0685135	1.5452363	-0.06369117	-0.51635945
## FALSE_4494	-0.1369978	2.1300459	-0.06369117	3.96499469
## TRUE_4495	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4496	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_4497	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_4498	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## TRUE_4499	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4500	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_4501	-0.1369978	4.4692842	-0.89638162	-0.01843121
## FALSE_4502	0.9657579	-0.2091924	-0.48003639	0.23053290
## FALSE_4503	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_4504	-0.1369978	0.9604268	1.18534450	-0.26739533
## FALSE_4505	-1.2397535	3.2996650	2.43438017	-0.01843121
## FALSE_4506	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_4507	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_4508	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_4509	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_4510	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4511	2.0685135	-0.7940020	1.18534450	0.47949702
## FALSE_4512	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_4513	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_4514	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4515	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4516	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_4517	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4518	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_4519	-0.1369978	0.9604268	0.35265405	-0.01843121
## FALSE_4520	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4521	-0.1369978	2.1300459	-0.48003639	2.22224586
## FALSE_4522	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4523	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_4524	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4525	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## TRUE_4526	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4527	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4528	-0.1369978	-0.2091924	-0.06369117	-0.51635945
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## FALSE_4530	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4531	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4532	-0.1369978	-0.2091924	-0.48003639	-0.01843121
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## FALSE_4535	-0.1369978	-0.2091924	1.60168972	-0.51635945
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## FALSE_4542	-1.2397535	-0.2091924	-0.06369117	-0.01843121

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## FALSE_4547	-0.1369978	-0.2091924	-0.89638162	-0.26739533
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## FALSE_4550	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_4551	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_4552	-0.1369978	-0.2091924	-0.89638162	0.23053290
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## FALSE_4560	-0.1369978	-0.2091924	-0.48003639	2.22224586
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## FALSE_4563	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_4564	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4565	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_4566	-0.1369978	0.9604268	2.43438017	-0.26739533
## TRUE_4567	-0.1369978	-0.2091924	0.76899928	-0.51635945
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## FALSE_4569	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_4570	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_4571	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_4572	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4573	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4574	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_4575	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4576	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4577	-0.1369978	-0.2091924	-0.48003639	-0.01843121
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## FALSE_4579	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_4580	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_4581	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4582	-1.2397535	-0.2091924	1.60168972	-0.26739533
## FALSE_4583	-0.1369978	0.9604268	1.60168972	0.47949702
## FALSE_4584	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4585	0.9657579	-0.2091924	1.18534450	-0.01843121
## FALSE_4586	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4587	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4588	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4589	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4590	0.9657579	-0.2091924	-0.06369117	-0.51635945
## TRUE_4591	2.0685135	-0.7940020	-0.89638162	-0.01843121
## TRUE_4592	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_4593	2.0685135	-0.2091924	-0.06369117	0.47949702
## TRUE_4594	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_4595	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4596	0.9657579	0.3756172	-0.89638162	-0.26739533

## FALSE_4597	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_4598	-1.2397535	-0.2091924	-0.06369117	0.23053290
## FALSE_4599	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4600	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_4601	-0.1369978	1.5452363	1.60168972	0.47949702
## FALSE_4602	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4603	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_4604	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_4605	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4606	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4607	-0.1369978	-0.2091924	-0.06369117	3.96499469
## FALSE_4608	0.9657579	-0.2091924	0.76899928	-0.26739533
## FALSE_4609	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_4610	2.0685135	-0.7940020	2.43438017	-0.01843121
## FALSE_4611	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4612	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4613	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## TRUE_4614	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_4615	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_4616	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4617	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_4618	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_4619	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4620	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4621	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4622	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4623	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4624	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_4625	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_4626	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_4627	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_4628	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4629	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4630	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4631	-0.1369978	2.1300459	2.43438017	-0.26739533
## FALSE_4632	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4633	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4634	0.9657579	-0.2091924	-0.48003639	2.22224586
## TRUE_4635	0.9657579	-0.2091924	2.43438017	2.22224586
## FALSE_4636	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_4637	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_4638	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_4639	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4640	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_4641	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4642	-0.1369978	0.9604268	-0.06369117	0.47949702
## FALSE_4643	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_4644	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4645	0.9657579	-0.2091924	1.18534450	1.72431762
## FALSE_4646	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4647	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4648	-0.1369978	0.9604268	0.76899928	-0.51635945
## FALSE_4649	0.9657579	-0.2091924	-0.06369117	0.23053290
## FALSE_4650	-0.1369978	-0.2091924	-0.89638162	-0.76532357

## FALSE_4651	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4652	-1.2397535	-0.7940020	0.35265405	0.23053290
## FALSE_4653	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4654	-0.1369978	2.1300459	-0.89638162	-0.01843121
## FALSE_4655	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4656	-0.1369978	1.5452363	2.43438017	0.47949702
## FALSE_4657	-0.1369978	1.5452363	2.43438017	0.23053290
## FALSE_4658	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_4659	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_4660	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4661	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_4662	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_4663	-1.2397535	-0.7940020	2.01803495	-0.01843121
## FALSE_4664	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_4665	-0.1369978	-0.2091924	0.76899928	-0.26739533
## FALSE_4666	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_4667	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_4668	-0.1369978	1.5452363	1.18534450	0.47949702
## FALSE_4669	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_4670	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_4671	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4672	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_4673	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4674	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_4675	-1.2397535	-0.2091924	-0.89638162	-0.26739533
## FALSE_4676	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_4677	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_4678	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4679	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_4680	0.9657579	-0.2091924	1.60168972	-0.01843121
## FALSE_4681	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_4682	0.9657579	-0.2091924	2.01803495	0.47949702
## FALSE_4683	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4684	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_4685	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4686	0.9657579	-0.2091924	-0.06369117	1.72431762
## FALSE_4687	-1.2397535	-0.7940020	0.35265405	0.47949702
## FALSE_4688	2.0685135	1.5452363	-0.89638162	-0.26739533
## FALSE_4689	-1.2397535	3.2996650	-0.89638162	-0.01843121
## FALSE_4690	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_4691	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4692	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4693	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4694	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4695	-1.2397535	-0.7940020	1.18534450	-0.51635945
## TRUE_4696	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4697	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4698	-0.1369978	0.9604268	0.76899928	-0.01843121
## TRUE_4699	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4700	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4701	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_4702	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_4703	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4704	-1.2397535	-0.7940020	-0.89638162	-0.01843121

## FALSE_4705	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_4706	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_4707	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4708	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_4709	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4710	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_4711	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_4712	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4713	-0.1369978	1.5452363	-0.48003639	-0.51635945
## FALSE_4714	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4715	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4716	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_4717	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_4718	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_4719	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_4720	-0.1369978	-0.2091924	-0.06369117	1.72431762
## FALSE_4721	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4722	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4723	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_4724	-0.1369978	1.5452363	-0.06369117	-0.51635945
## TRUE_4725	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_4726	-1.2397535	4.4692842	-0.89638162	-0.26739533
## FALSE_4727	-0.1369978	-0.2091924	0.76899928	-0.76532357
## TRUE_4728	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_4729	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4730	-1.2397535	-0.7940020	0.35265405	0.47949702
## FALSE_4731	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4732	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_4733	-0.1369978	2.1300459	-0.06369117	-0.26739533
## FALSE_4734	0.9657579	-0.2091924	0.76899928	0.47949702
## TRUE_4735	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4736	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_4737	0.9657579	-0.2091924	0.76899928	2.22224586
## FALSE_4738	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_4739	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4740	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_4741	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_4742	0.9657579	-0.2091924	-0.06369117	-0.01843121
## TRUE_4743	-0.1369978	1.5452363	0.76899928	-0.01843121
## FALSE_4744	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4745	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_4746	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4747	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4748	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_4749	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4750	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_4751	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_4752	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_4753	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_4754	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4755	0.9657579	-0.2091924	0.76899928	0.47949702
## FALSE_4756	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4757	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4758	-1.2397535	-0.7940020	-0.48003639	1.72431762

## FALSE_4759	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4760	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_4761	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_4762	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_4763	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_4764	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4765	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4766	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4767	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4768	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4769	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_4770	0.9657579	-0.2091924	0.76899928	-0.26739533
## FALSE_4771	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_4772	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4773	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_4774	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_4775	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_4776	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4777	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4778	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4779	-1.2397535	-0.2091924	0.35265405	-0.01843121
## FALSE_4780	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4781	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4782	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4783	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4784	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_4785	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_4786	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4787	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4788	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4789	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_4790	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4791	0.9657579	-0.2091924	2.01803495	-0.26739533
## FALSE_4792	-0.1369978	-0.2091924	-0.89638162	3.71603057
## FALSE_4793	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_4794	-0.1369978	0.9604268	-0.06369117	0.47949702
## FALSE_4795	-1.2397535	3.2996650	-0.89638162	-0.26739533
## FALSE_4796	0.9657579	-0.2091924	1.60168972	-0.26739533
## FALSE_4797	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4798	0.9657579	-0.2091924	1.60168972	2.22224586
## TRUE_4799	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_4800	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_4801	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4802	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4803	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4804	-1.2397535	-0.7940020	-0.48003639	0.47949702
## FALSE_4805	-1.2397535	-0.7940020	-0.06369117	2.72017410
## FALSE_4806	-1.2397535	-0.7940020	-0.89638162	0.72846114
## FALSE_4807	0.9657579	-0.2091924	1.18534450	-0.26739533
## TRUE_4808	-0.1369978	1.5452363	1.18534450	0.23053290
## FALSE_4809	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4810	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_4811	0.9657579	-0.2091924	-0.89638162	2.22224586
## TRUE_4812	-1.2397535	-0.2091924	2.01803495	-0.26739533

## FALSE_4813	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4814	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_4815	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4816	-1.2397535	-0.2091924	2.01803495	-0.76532357
## FALSE_4817	-1.2397535	-0.2091924	0.35265405	-0.01843121
## FALSE_4818	2.0685135	-0.7940020	0.35265405	-0.76532357
## FALSE_4819	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_4820	-0.1369978	1.5452363	1.60168972	-0.26739533
## FALSE_4821	0.9657579	-0.2091924	-0.89638162	0.47949702
## TRUE_4822	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_4823	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_4824	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_4825	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4826	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_4827	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4828	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4829	0.9657579	2.1300459	-0.48003639	-0.51635945
## FALSE_4830	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_4831	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_4832	-1.2397535	-0.7940020	-0.06369117	0.23053290
## FALSE_4833	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_4834	0.9657579	-0.2091924	-0.89638162	-0.26739533
## TRUE_4835	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_4836	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4837	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_4838	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_4839	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_4840	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_4841	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4842	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4843	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4844	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4845	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4846	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4847	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_4848	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_4849	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_4850	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4851	0.9657579	-0.2091924	1.18534450	2.22224586
## TRUE_4852	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_4853	0.9657579	-0.2091924	-0.48003639	1.72431762
## TRUE_4854	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_4855	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_4856	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_4857	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_4858	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_4859	0.9657579	-0.2091924	2.01803495	0.47949702
## TRUE_4860	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_4861	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_4862	-0.1369978	0.9604268	1.60168972	-0.26739533
## FALSE_4863	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_4864	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4865	0.9657579	-0.2091924	-0.48003639	0.47949702
## FALSE_4866	-0.1369978	-0.2091924	-0.89638162	-0.51635945

## FALSE_4867	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_4868	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4869	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4870	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4871	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4872	0.9657579	-0.2091924	-0.89638162	-0.01843121
## TRUE_4873	-0.1369978	0.9604268	2.01803495	-0.01843121
## FALSE_4874	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4875	2.0685135	-0.7940020	-0.48003639	-0.01843121
## TRUE_4876	2.0685135	-0.7940020	1.18534450	-0.01843121
## TRUE_4877	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4878	-0.1369978	4.4692842	-0.48003639	-0.01843121
## FALSE_4879	-0.1369978	1.5452363	1.60168972	-0.01843121
## FALSE_4880	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4881	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4882	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4883	-0.1369978	-0.2091924	-0.89638162	0.47949702
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## TRUE_4885	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_4886	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4887	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_4888	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4889	-0.1369978	-0.2091924	-0.89638162	1.72431762
## FALSE_4890	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4891	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_4892	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4893	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_4894	-0.1369978	1.5452363	0.35265405	-0.26739533
## FALSE_4895	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4896	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_4897	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4898	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4899	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_4900	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_4901	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_4902	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_4903	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4904	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_4905	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_4906	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_4907	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4908	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_4909	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4910	-1.2397535	-0.7940020	-0.06369117	0.47949702
## FALSE_4911	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_4912	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_4913	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_4914	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_4915	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4916	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_4917	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_4918	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_4919	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_4920	-0.1369978	-0.2091924	2.43438017	-0.26739533

## FALSE_4921	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_4922	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_4923	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_4924	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_4925	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_4926	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4927	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## TRUE_4928	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4929	-0.1369978	0.9604268	-0.06369117	-0.26739533
## TRUE_4930	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_4931	-1.2397535	3.2996650	-0.89638162	1.72431762
## FALSE_4932	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_4933	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_4934	-0.1369978	2.1300459	1.60168972	-0.26739533
## FALSE_4935	-1.2397535	3.2996650	-0.06369117	-0.26739533
## FALSE_4936	-1.2397535	3.2996650	-0.48003639	0.47949702
## TRUE_4937	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_4938	-1.2397535	-0.7940020	2.01803495	-0.26739533
## FALSE_4939	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_4940	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_4941	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_4942	-0.1369978	1.5452363	0.35265405	1.72431762
## FALSE_4943	-0.1369978	2.1300459	0.35265405	2.22224586
## FALSE_4944	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_4945	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_4946	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4947	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_4948	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_4949	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_4950	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_4951	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_4952	2.0685135	-0.2091924	-0.89638162	-0.26739533
## FALSE_4953	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_4954	-0.1369978	-0.2091924	2.43438017	-0.26739533
## TRUE_4955	-0.1369978	0.9604268	2.43438017	0.23053290
## FALSE_4956	4.2740249	-0.2091924	0.35265405	-0.51635945
## FALSE_4957	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4958	-0.1369978	0.9604268	-0.06369117	0.47949702
## FALSE_4959	-1.2397535	-0.7940020	2.01803495	0.47949702
## FALSE_4960	-0.1369978	1.5452363	1.18534450	-0.26739533
## TRUE_4961	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_4962	-1.2397535	1.5452363	-0.89638162	-0.01843121
## FALSE_4963	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_4964	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4965	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## TRUE_4966	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_4967	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_4968	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_4969	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_4970	-1.2397535	-0.7940020	-0.06369117	-0.26739533
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## FALSE_4972	-0.1369978	-0.2091924	0.35265405	0.47949702
## FALSE_4973	0.9657579	-0.2091924	0.35265405	0.23053290
## FALSE_4974	-0.1369978	-0.2091924	0.35265405	-0.01843121

## FALSE_4975	-0.1369978	-0.2091924	2.43438017	0.47949702
## FALSE_4976	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_4977	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_4978	2.0685135	-0.2091924	0.35265405	-0.51635945
## FALSE_4979	0.9657579	-0.2091924	-0.89638162	2.72017410
## FALSE_4980	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_4981	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_4982	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_4983	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_4984	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_4985	0.9657579	-0.2091924	1.18534450	-0.01843121
## TRUE_4986	0.9657579	-0.2091924	1.18534450	1.72431762
## FALSE_4987	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_4988	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_4989	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_4990	-0.1369978	0.9604268	-0.89638162	-0.26739533
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## FALSE_4992	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_4993	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_4994	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_4995	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_4996	0.9657579	-0.2091924	-0.06369117	-0.01843121
## TRUE_4997	-1.2397535	3.2996650	-0.89638162	1.72431762
## FALSE_4998	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_4999	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5000	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5001	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_5002	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_5003	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5004	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_5005	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_5006	-0.1369978	-0.2091924	1.18534450	3.71603057
## FALSE_5007	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5008	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5009	-0.1369978	4.4692842	-0.06369117	-0.51635945
## FALSE_5010	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_5011	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_5012	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_5013	-0.1369978	-0.2091924	1.60168972	-0.26739533
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## FALSE_5016	0.9657579	-0.2091924	0.76899928	2.22224586
## FALSE_5017	-0.1369978	4.4692842	-0.48003639	0.23053290
## FALSE_5018	-1.2397535	-0.2091924	0.76899928	-0.51635945
## FALSE_5019	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_5020	0.9657579	-0.2091924	-0.06369117	1.72431762
## FALSE_5021	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5022	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5023	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5024	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_5025	-0.1369978	0.9604268	0.35265405	-0.26739533
## FALSE_5026	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_5027	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5028	-0.1369978	-0.2091924	-0.89638162	-0.26739533

## TRUE_5029	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_5030	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_5031	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_5032	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5033	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_5034	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5035	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5036	-0.1369978	4.4692842	0.76899928	-0.76532357
## FALSE_5037	0.9657579	-0.2091924	-0.48003639	-0.26739533
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## FALSE_5039	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5040	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_5041	2.0685135	1.5452363	-0.06369117	-0.51635945
## FALSE_5042	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_5043	0.9657579	-0.2091924	-0.89638162	2.22224586
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## FALSE_5045	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_5046	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_5047	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_5048	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_5049	-1.2397535	3.2996650	1.18534450	1.72431762
## FALSE_5050	-0.1369978	0.9604268	2.01803495	0.47949702
## TRUE_5051	-0.1369978	4.4692842	-0.89638162	-0.01843121
## FALSE_5052	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5053	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_5054	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_5055	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5056	4.2740249	1.5452363	-0.06369117	-0.51635945
## FALSE_5057	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_5058	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_5059	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_5060	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5061	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_5062	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5063	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5064	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_5065	-0.1369978	-0.2091924	0.76899928	2.22224586
## FALSE_5066	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5067	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_5068	-0.1369978	-0.2091924	1.18534450	-0.01843121
## TRUE_5069	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_5070	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_5071	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_5072	-0.1369978	1.5452363	0.35265405	-0.01843121
## TRUE_5073	-0.1369978	-0.2091924	1.18534450	0.47949702
## FALSE_5074	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5075	0.9657579	-0.2091924	1.60168972	0.47949702
## FALSE_5076	0.9657579	0.3756172	-0.06369117	-0.51635945
## FALSE_5077	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_5078	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5079	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_5080	-0.1369978	-0.2091924	-0.89638162	2.47120998
## FALSE_5081	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5082	-1.2397535	-0.7940020	-0.48003639	-0.26739533

## FALSE_5083	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5084	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5085	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_5086	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_5087	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5088	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5089	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5090	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_5091	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5092	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5093	-0.1369978	-0.2091924	2.01803495	-0.51635945
## TRUE_5094	-0.1369978	1.5452363	-0.48003639	-0.26739533
## FALSE_5095	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5096	2.0685135	-0.2091924	1.60168972	-0.01843121
## FALSE_5097	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_5098	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5099	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_5100	-0.1369978	1.5452363	-0.89638162	-0.01843121
## FALSE_5101	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_5102	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_5103	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5104	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_5105	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5106	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5107	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_5108	-0.1369978	2.1300459	-0.89638162	0.47949702
## FALSE_5109	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5110	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5111	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5112	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_5113	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_5114	0.9657579	-0.2091924	0.35265405	2.47120998
## FALSE_5115	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_5116	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_5117	2.0685135	-0.7940020	-0.89638162	-0.26739533
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## TRUE_5119	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5120	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_5121	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5122	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5123	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_5124	0.9657579	0.3756172	0.76899928	-0.26739533
## FALSE_5125	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_5126	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_5127	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5128	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5129	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5130	-1.2397535	3.2996650	1.60168972	-0.01843121
## TRUE_5131	-0.1369978	0.9604268	1.18534450	-0.51635945
## TRUE_5132	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_5133	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_5134	4.2740249	-0.2091924	0.35265405	-0.51635945
## FALSE_5135	0.9657579	-0.2091924	2.43438017	2.22224586
## FALSE_5136	-1.2397535	-0.7940020	1.60168972	-0.51635945

## FALSE_5137	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5138	-1.2397535	-0.7940020	2.43438017	-0.76532357
## FALSE_5139	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5140	0.9657579	-0.2091924	-0.06369117	0.47949702
## TRUE_5141	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5142	-1.2397535	3.2996650	-0.89638162	-0.51635945
## FALSE_5143	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5144	-1.2397535	-0.2091924	-0.06369117	0.23053290
## FALSE_5145	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_5146	0.9657579	-0.2091924	-0.06369117	0.47949702
## FALSE_5147	2.0685135	1.5452363	2.43438017	-0.51635945
## FALSE_5148	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5149	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5150	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_5151	0.9657579	-0.2091924	-0.89638162	3.46706646
## FALSE_5152	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5153	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5154	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5155	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5156	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5157	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_5158	0.9657579	0.3756172	-0.89638162	-0.26739533
## TRUE_5159	-0.1369978	4.4692842	-0.06369117	-0.01843121
## FALSE_5160	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5161	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5162	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_5163	-0.1369978	2.1300459	0.76899928	-0.76532357
## FALSE_5164	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_5165	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_5166	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5167	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## TRUE_5168	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_5169	-1.2397535	-0.7940020	0.35265405	0.47949702
## FALSE_5170	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5171	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_5172	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_5173	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_5174	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5175	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_5176	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_5177	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_5178	0.9657579	-0.2091924	-0.06369117	0.47949702
## FALSE_5179	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5180	-0.1369978	2.1300459	2.01803495	-0.26739533
## FALSE_5181	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5182	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5183	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_5184	2.0685135	-0.7940020	2.43438017	-0.26739533
## TRUE_5185	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5186	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5187	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5188	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_5189	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5190	-0.1369978	-0.2091924	0.35265405	-0.76532357

## FALSE_5191	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5192	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5193	-0.1369978	2.1300459	-0.48003639	-0.26739533
## FALSE_5194	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_5195	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_5196	-1.2397535	-0.7940020	-0.89638162	2.72017410
## FALSE_5197	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5198	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5199	0.9657579	-0.2091924	2.01803495	1.72431762
## FALSE_5200	0.9657579	-0.2091924	1.18534450	0.47949702
## TRUE_5201	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5202	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5203	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_5204	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5205	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_5206	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_5207	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5208	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5209	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## TRUE_5210	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5211	-1.2397535	3.2996650	2.01803495	-0.26739533
## TRUE_5212	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5213	-0.1369978	1.5452363	2.01803495	-0.76532357
## FALSE_5214	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5215	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5216	0.9657579	0.3756172	1.18534450	-0.01843121
## FALSE_5217	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_5218	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_5219	-0.1369978	-0.2091924	0.35265405	2.47120998
## FALSE_5220	2.0685135	-0.2091924	-0.06369117	1.72431762
## FALSE_5221	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5222	2.0685135	-0.7940020	0.35265405	-0.26739533
## FALSE_5223	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_5224	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5225	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_5226	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5227	2.0685135	-0.7940020	-0.06369117	0.23053290
## FALSE_5228	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5229	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_5230	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5231	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5232	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_5233	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5234	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_5235	-1.2397535	-0.7940020	-0.48003639	-0.76532357
## FALSE_5236	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_5237	-0.1369978	2.1300459	-0.48003639	0.47949702
## FALSE_5238	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5239	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5240	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_5241	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_5242	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5243	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5244	-1.2397535	-0.7940020	-0.89638162	-0.26739533

## FALSE_5245	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5246	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_5247	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5248	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5249	-0.1369978	2.7148555	0.35265405	-0.26739533
## FALSE_5250	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5251	0.9657579	-0.2091924	-0.89638162	3.96499469
## FALSE_5252	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5253	0.9657579	-0.2091924	-0.89638162	2.22224586
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## FALSE_5256	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5257	0.9657579	-0.2091924	-0.89638162	2.22224586
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## FALSE_5259	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5260	-1.2397535	-0.7940020	0.35265405	-0.01843121
## TRUE_5261	-0.1369978	0.9604268	-0.48003639	-0.01843121
## FALSE_5262	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_5263	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_5264	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5265	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5266	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5267	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5268	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_5269	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5270	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_5271	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5272	-0.1369978	2.1300459	1.18534450	-0.01843121
## FALSE_5273	-1.2397535	-0.7940020	-0.89638162	2.72017410
## FALSE_5274	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_5275	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5276	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5277	0.9657579	-0.2091924	-0.06369117	0.47949702
## FALSE_5278	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_5279	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5280	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5281	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_5282	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_5283	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_5284	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5285	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_5286	0.9657579	0.3756172	-0.06369117	-0.51635945
## TRUE_5287	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5288	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5289	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_5290	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5291	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5292	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_5293	2.0685135	-0.2091924	-0.89638162	-0.01843121
## FALSE_5294	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_5295	-0.1369978	2.1300459	-0.06369117	0.47949702
## TRUE_5296	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_5297	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_5298	-0.1369978	-0.2091924	-0.89638162	-0.51635945

## FALSE_5299	4.2740249	2.7148555	-0.06369117	2.72017410
## FALSE_5300	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_5301	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_5302	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5303	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_5304	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5305	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5306	-0.1369978	-0.2091924	0.35265405	-0.26739533
## TRUE_5307	0.9657579	-0.2091924	-0.48003639	0.47949702
## FALSE_5308	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5309	-0.1369978	-0.2091924	2.01803495	-0.26739533
## FALSE_5310	-0.1369978	1.5452363	-0.48003639	-0.26739533
## TRUE_5311	-1.2397535	-0.2091924	-0.89638162	-0.26739533
## FALSE_5312	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_5313	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_5314	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_5315	0.9657579	-0.2091924	-0.48003639	-0.51635945
## TRUE_5316	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5317	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5318	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_5319	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_5320	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_5321	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_5322	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_5323	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5324	2.0685135	-0.7940020	0.35265405	0.47949702
## FALSE_5325	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_5326	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_5327	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_5328	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_5329	-1.2397535	3.2996650	-0.06369117	1.72431762
## FALSE_5330	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_5331	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_5332	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5333	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5334	-0.1369978	2.1300459	-0.48003639	-0.26739533
## FALSE_5335	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5336	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_5337	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_5338	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_5339	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_5340	0.9657579	-0.2091924	0.76899928	0.47949702
## FALSE_5341	0.9657579	0.3756172	2.01803495	-0.01843121
## FALSE_5342	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5343	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_5344	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5345	-0.1369978	0.9604268	1.18534450	-0.26739533
## FALSE_5346	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5347	2.0685135	-0.2091924	-0.89638162	2.22224586
## FALSE_5348	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5349	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_5350	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_5351	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_5352	-0.1369978	-0.2091924	-0.89638162	0.47949702

## FALSE_5353	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_5354	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5355	0.9657579	-0.2091924	1.60168972	0.47949702
## TRUE_5356	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_5357	-0.1369978	-0.2091924	-0.06369117	0.47949702
## TRUE_5358	-0.1369978	0.9604268	2.43438017	-0.51635945
## TRUE_5359	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5360	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5361	4.2740249	-0.2091924	-0.48003639	-0.01843121
## TRUE_5362	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_5363	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_5364	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_5365	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_5366	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_5367	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_5368	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_5369	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_5370	-0.1369978	0.9604268	2.43438017	-0.51635945
## FALSE_5371	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_5372	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_5373	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_5374	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_5375	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5376	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_5377	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_5378	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_5379	-0.1369978	-0.2091924	1.18534450	1.72431762
## FALSE_5380	-0.1369978	-0.2091924	1.60168972	-0.76532357
## TRUE_5381	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_5382	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5383	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_5384	0.9657579	-0.2091924	0.35265405	-0.51635945
## TRUE_5385	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5386	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_5387	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_5388	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_5389	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5390	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_5391	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_5392	-0.1369978	0.9604268	-0.48003639	-0.01843121
## FALSE_5393	-1.2397535	-0.7940020	0.35265405	0.23053290
## FALSE_5394	2.0685135	-0.7940020	2.43438017	-0.76532357
## TRUE_5395	-0.1369978	-0.2091924	-0.48003639	0.23053290
## TRUE_5396	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5397	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5398	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_5399	2.0685135	-0.7940020	-0.89638162	-0.01843121
## TRUE_5400	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## TRUE_5401	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5402	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5403	-1.2397535	3.2996650	1.60168972	-0.76532357
## TRUE_5404	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_5405	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_5406	-0.1369978	-0.2091924	-0.48003639	-0.26739533

## FALSE_5407	0.9657579	-0.2091924	0.76899928	-0.76532357
## FALSE_5408	-0.1369978	-0.2091924	-0.48003639	0.23053290
## FALSE_5409	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5410	0.9657579	-0.2091924	-0.89638162	-0.26739533
## TRUE_5411	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_5412	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_5413	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_5414	-0.1369978	-0.2091924	1.18534450	-0.26739533
## TRUE_5415	-1.2397535	-0.7940020	2.43438017	-0.51635945
## FALSE_5416	-1.2397535	-0.7940020	2.43438017	3.96499469
## TRUE_5417	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_5418	-1.2397535	-0.7940020	2.43438017	-0.51635945
## FALSE_5419	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_5420	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_5421	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_5422	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_5423	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_5424	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_5425	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_5426	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5427	2.0685135	-0.2091924	-0.06369117	-0.51635945
## TRUE_5428	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5429	-0.1369978	-0.2091924	0.35265405	0.23053290
## TRUE_5430	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5431	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_5432	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5433	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## TRUE_5434	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## TRUE_5435	-0.1369978	4.4692842	-0.48003639	-0.76532357
## FALSE_5436	-0.1369978	0.9604268	2.43438017	-0.01843121
## TRUE_5437	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5438	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_5439	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_5440	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_5441	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5442	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_5443	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5444	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_5445	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_5446	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_5447	2.0685135	-0.2091924	-0.06369117	2.22224586
## FALSE_5448	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_5449	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_5450	-1.2397535	3.2996650	-0.89638162	-0.76532357
## FALSE_5451	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_5452	-0.1369978	1.5452363	-0.06369117	0.47949702
## FALSE_5453	0.9657579	-0.2091924	1.60168972	-0.51635945
## FALSE_5454	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_5455	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_5456	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5457	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5458	0.9657579	-0.2091924	2.43438017	0.23053290
## FALSE_5459	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_5460	0.9657579	-0.2091924	-0.06369117	-0.51635945

## FALSE_5461	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_5462	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5463	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_5464	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_5465	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_5466	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_5467	-0.1369978	0.9604268	2.43438017	-0.51635945
## FALSE_5468	0.9657579	-0.2091924	1.60168972	-0.76532357
## FALSE_5469	0.9657579	-0.2091924	2.43438017	3.96499469
## TRUE_5470	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5471	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5472	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_5473	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_5474	-0.1369978	0.9604268	-0.48003639	-0.76532357
## TRUE_5475	-0.1369978	-0.2091924	1.60168972	3.96499469
## TRUE_5476	-0.1369978	-0.2091924	-0.89638162	0.72846114
## TRUE_5477	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_5478	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_5479	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_5480	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_5481	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_5482	5.3767806	-0.7940020	-0.48003639	-0.76532357
## FALSE_5483	0.9657579	-0.2091924	1.18534450	-0.76532357
## TRUE_5484	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5485	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_5486	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5487	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5488	-1.2397535	3.2996650	-0.06369117	-0.76532357
## FALSE_5489	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5490	-0.1369978	0.9604268	-0.89638162	3.96499469
## FALSE_5491	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_5492	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_5493	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5494	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5495	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5496	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5497	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_5498	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5499	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5500	-1.2397535	-0.2091924	-0.48003639	-0.01843121
## TRUE_5501	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_5502	-0.1369978	4.4692842	1.60168972	-0.26739533
## FALSE_5503	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5504	0.9657579	-0.2091924	-0.89638162	-0.76532357
## TRUE_5505	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5506	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_5507	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5508	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5509	-0.1369978	0.9604268	0.76899928	-0.76532357
## FALSE_5510	0.9657579	-0.2091924	-0.89638162	1.72431762
## FALSE_5511	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_5512	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_5513	0.9657579	-0.2091924	-0.89638162	2.22224586
## TRUE_5514	-1.2397535	-0.7940020	-0.89638162	3.96499469

## FALSE_5515	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5516	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_5517	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5518	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5519	-0.1369978	0.9604268	1.18534450	-0.51635945
## FALSE_5520	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5521	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_5522	0.9657579	-0.2091924	1.60168972	2.22224586
## TRUE_5523	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5524	-1.2397535	-0.2091924	-0.89638162	0.23053290
## FALSE_5525	-0.1369978	-0.2091924	-0.06369117	0.23053290
## FALSE_5526	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5527	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_5528	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_5529	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5530	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5531	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_5532	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5533	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5534	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_5535	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5536	2.0685135	-0.7940020	1.60168972	-0.76532357
## FALSE_5537	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_5538	0.9657579	-0.2091924	2.01803495	2.22224586
## FALSE_5539	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_5540	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_5541	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_5542	0.9657579	-0.2091924	-0.48003639	-0.01843121
## TRUE_5543	0.9657579	-0.2091924	1.18534450	-0.51635945
## TRUE_5544	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_5545	0.9657579	-0.2091924	2.01803495	-0.01843121
## TRUE_5546	-0.1369978	-0.2091924	-0.89638162	3.96499469
## TRUE_5547	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_5548	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_5549	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5550	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5551	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_5552	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_5553	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5554	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_5555	2.0685135	-0.7940020	2.43438017	-0.26739533
## TRUE_5556	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5557	-0.1369978	1.5452363	0.35265405	-0.76532357
## FALSE_5558	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5559	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5560	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5561	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5562	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5563	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5564	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## TRUE_5565	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5566	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_5567	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5568	-0.1369978	0.9604268	-0.89638162	-0.76532357

## FALSE_5569	-0.1369978	0.9604268	-0.06369117	0.23053290
## FALSE_5570	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_5571	-0.1369978	1.5452363	0.35265405	-0.76532357
## TRUE_5572	-0.1369978	-0.2091924	1.18534450	0.23053290
## FALSE_5573	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_5574	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5575	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_5576	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_5577	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_5578	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_5579	0.9657579	-0.2091924	-0.89638162	-0.26739533
## TRUE_5580	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5581	2.0685135	-0.7940020	-0.89638162	0.23053290
## FALSE_5582	-0.1369978	0.9604268	2.43438017	0.47949702
## FALSE_5583	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_5584	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_5585	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5586	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_5587	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5588	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5589	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_5590	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_5591	-1.2397535	3.2996650	-0.48003639	0.47949702
## FALSE_5592	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5593	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_5594	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_5595	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5596	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_5597	0.9657579	-0.2091924	-0.06369117	2.22224586
## TRUE_5598	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5599	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5600	6.4795363	6.2237129	2.43438017	0.23053290
## FALSE_5601	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5602	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5603	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_5604	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_5605	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_5606	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5607	-0.1369978	1.5452363	-0.06369117	-0.76532357
## FALSE_5608	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5609	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5610	-0.1369978	-0.2091924	0.35265405	-0.51635945
## TRUE_5611	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5612	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_5613	-1.2397535	-0.7940020	0.35265405	-0.01843121
## TRUE_5614	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5615	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5616	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_5617	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5618	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_5619	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5620	2.0685135	-0.2091924	-0.89638162	2.22224586
## FALSE_5621	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_5622	-0.1369978	-0.2091924	1.60168972	-0.26739533

## FALSE_5623	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_5624	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_5625	-0.1369978	4.4692842	1.60168972	-0.01843121
## FALSE_5626	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5627	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## TRUE_5628	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5629	-0.1369978	-0.2091924	-0.06369117	3.96499469
## FALSE_5630	-0.1369978	-0.2091924	2.01803495	-0.76532357
## TRUE_5631	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5632	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_5633	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5634	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_5635	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5636	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_5637	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5638	-0.1369978	0.9604268	0.76899928	-0.76532357
## FALSE_5639	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_5640	0.9657579	0.3756172	1.18534450	-0.76532357
## FALSE_5641	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5642	-1.2397535	-0.7940020	0.35265405	-0.76532357
## TRUE_5643	0.9657579	-0.2091924	-0.06369117	0.47949702
## FALSE_5644	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_5645	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_5646	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5647	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5648	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5649	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_5650	-1.2397535	3.2996650	2.01803495	-0.76532357
## FALSE_5651	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_5652	2.0685135	-0.7940020	-0.89638162	-0.26739533
## TRUE_5653	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5654	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5655	-0.1369978	1.5452363	0.35265405	-0.76532357
## FALSE_5656	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_5657	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5658	-0.1369978	-0.2091924	2.43438017	2.22224586
## FALSE_5659	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5660	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5661	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_5662	-0.1369978	1.5452363	1.18534450	-0.76532357
## FALSE_5663	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_5664	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## TRUE_5665	-0.1369978	-0.2091924	1.18534450	0.23053290
## FALSE_5666	-0.1369978	1.5452363	-0.48003639	-0.26739533
## TRUE_5667	-0.1369978	-0.2091924	1.18534450	3.96499469
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## FALSE_5671	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5672	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_5673	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5674	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_5675	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_5676	-0.1369978	-0.2091924	1.60168972	-0.26739533

## FALSE_5677	-1.2397535	-0.7940020	-0.89638162	0.47949702
## FALSE_5678	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_5679	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_5680	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5681	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_5682	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_5683	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_5684	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5685	-0.1369978	-0.2091924	1.60168972	-0.26739533
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## FALSE_5689	0.9657579	-0.2091924	2.43438017	-0.51635945
## FALSE_5690	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_5691	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5692	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_5693	2.0685135	-0.2091924	1.60168972	-0.51635945
## FALSE_5694	2.0685135	-0.7940020	2.01803495	-0.51635945
## FALSE_5695	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_5696	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_5697	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5698	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_5699	0.9657579	-0.2091924	2.01803495	-0.76532357
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## FALSE_5701	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5702	0.9657579	0.3756172	0.35265405	-0.76532357
## FALSE_5703	0.9657579	-0.2091924	-0.89638162	0.23053290
## TRUE_5704	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5705	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_5706	-0.1369978	-0.2091924	0.35265405	-0.26739533
## TRUE_5707	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_5708	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_5709	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_5710	-0.1369978	-0.2091924	-0.06369117	-0.26739533
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## FALSE_5712	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5713	-0.1369978	0.9604268	2.43438017	-0.01843121
## FALSE_5714	-0.1369978	2.1300459	-0.89638162	-0.76532357
## FALSE_5715	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_5716	-0.1369978	4.4692842	1.18534450	-0.01843121
## FALSE_5717	-1.2397535	-0.2091924	-0.48003639	-0.76532357
## TRUE_5718	0.9657579	-0.2091924	-0.89638162	-0.51635945
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## TRUE_5724	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5725	0.9657579	-0.2091924	-0.89638162	-0.26739533
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## TRUE_5727	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_5728	-1.2397535	-0.2091924	0.76899928	-0.76532357
## FALSE_5729	0.9657579	-0.2091924	-0.89638162	0.23053290
## TRUE_5730	-0.1369978	-0.2091924	0.76899928	0.23053290

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## FALSE_5733	-1.2397535	-0.7940020	-0.89638162	-0.26739533
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## FALSE_5735	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_5736	-0.1369978	4.4692842	1.60168972	-0.26739533
## TRUE_5737	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_5738	-1.2397535	-0.7940020	2.43438017	-0.51635945
## FALSE_5739	0.9657579	-0.2091924	-0.06369117	2.22224586
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## TRUE_5741	0.9657579	-0.2091924	-0.06369117	-0.26739533
## TRUE_5742	2.0685135	-0.7940020	0.76899928	-0.51635945
## FALSE_5743	-0.1369978	-0.2091924	1.18534450	0.23053290
## FALSE_5744	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5745	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_5746	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5747	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_5748	-0.1369978	-0.2091924	0.76899928	0.47949702
## FALSE_5749	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_5750	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_5751	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_5752	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_5753	0.9657579	-0.2091924	-0.89638162	2.22224586
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## FALSE_5755	2.0685135	-0.7940020	-0.89638162	-0.51635945
## TRUE_5756	-0.1369978	-0.2091924	-0.89638162	0.23053290
## TRUE_5757	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_5758	-0.1369978	-0.2091924	1.18534450	-0.51635945
## TRUE_5759	-0.1369978	4.4692842	-0.06369117	-0.51635945
## FALSE_5760	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5761	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5762	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_5763	-0.1369978	-0.2091924	-0.89638162	3.96499469
## TRUE_5764	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_5765	-1.2397535	-0.7940020	1.60168972	0.23053290
## FALSE_5766	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_5767	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5768	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_5769	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5770	-0.1369978	0.9604268	1.60168972	-0.76532357
## TRUE_5771	-1.2397535	-0.7940020	0.35265405	-0.76532357
## TRUE_5772	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_5773	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5774	-0.1369978	4.4692842	-0.48003639	-0.01843121
## FALSE_5775	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_5776	-1.2397535	-0.7940020	0.76899928	-0.51635945
## FALSE_5777	-0.1369978	0.9604268	-0.06369117	-0.01843121
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## FALSE_5779	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5780	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_5781	2.0685135	-0.2091924	-0.06369117	-0.76532357
## FALSE_5782	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_5783	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_5784	-0.1369978	1.5452363	-0.89638162	-0.76532357

## FALSE_5785	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5786	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5787	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_5788	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_5789	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_5790	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5791	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5792	2.0685135	-0.7940020	-0.89638162	-0.01843121
## FALSE_5793	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_5794	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_5795	-1.2397535	-0.7940020	1.18534450	0.23053290
## FALSE_5796	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5797	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_5798	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5799	0.9657579	-0.2091924	0.76899928	2.22224586
## FALSE_5800	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5801	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_5802	-0.1369978	0.9604268	-0.48003639	-0.26739533
## FALSE_5803	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_5804	0.9657579	-0.2091924	-0.06369117	0.23053290
## FALSE_5805	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_5806	-1.2397535	-0.7940020	1.60168972	-0.01843121
## FALSE_5807	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_5808	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_5809	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_5810	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5811	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_5812	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_5813	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5814	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_5815	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_5816	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_5817	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5818	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5819	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_5820	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_5821	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5822	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_5823	-1.2397535	-0.7940020	1.18534450	-0.01843121
## TRUE_5824	0.9657579	-0.2091924	1.60168972	2.22224586
## FALSE_5825	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5826	-1.2397535	3.2996650	-0.06369117	-0.76532357
## FALSE_5827	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_5828	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5829	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5830	2.0685135	-0.2091924	0.35265405	-0.01843121
## FALSE_5831	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_5832	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5833	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_5834	0.9657579	-0.2091924	-0.89638162	-0.01843121
## TRUE_5835	-0.1369978	1.5452363	2.01803495	-0.76532357
## FALSE_5836	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_5837	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_5838	-0.1369978	-0.2091924	1.60168972	-0.26739533

## FALSE_5839	-0.1369978	1.5452363	1.60168972	-0.51635945
## TRUE_5840	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_5841	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5842	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_5843	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_5844	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5845	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_5846	-0.1369978	1.5452363	2.43438017	0.23053290
## TRUE_5847	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5848	-1.2397535	3.2996650	-0.48003639	-0.76532357
## FALSE_5849	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_5850	-1.2397535	-0.7940020	0.76899928	-0.51635945
## FALSE_5851	-1.2397535	-0.7940020	2.01803495	-0.51635945
## FALSE_5852	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5853	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5854	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5855	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5856	0.9657579	-0.2091924	1.60168972	2.22224586
## FALSE_5857	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_5858	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5859	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5860	-1.2397535	-0.2091924	1.60168972	-0.51635945
## FALSE_5861	-0.1369978	-0.2091924	0.76899928	0.72846114
## FALSE_5862	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_5863	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5864	-0.1369978	0.9604268	1.60168972	-0.76532357
## FALSE_5865	2.0685135	-0.7940020	-0.06369117	-0.26739533
## FALSE_5866	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_5867	-0.1369978	1.5452363	-0.89638162	0.23053290
## FALSE_5868	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_5869	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5870	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5871	-0.1369978	1.5452363	0.35265405	0.23053290
## FALSE_5872	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5873	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5874	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5875	-0.1369978	2.1300459	-0.06369117	0.23053290
## FALSE_5876	0.9657579	-0.2091924	0.35265405	3.96499469
## TRUE_5877	-0.1369978	0.9604268	-0.89638162	-0.26739533
## TRUE_5878	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5879	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_5880	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_5881	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5882	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_5883	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_5884	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_5885	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_5886	2.0685135	-0.7940020	-0.89638162	-0.51635945
## TRUE_5887	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_5888	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_5889	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_5890	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_5891	-0.1369978	-0.2091924	1.60168972	0.23053290
## FALSE_5892	0.9657579	-0.2091924	-0.89638162	-0.51635945

## FALSE_5893	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5894	-1.2397535	3.2996650	-0.06369117	-0.76532357
## FALSE_5895	-0.1369978	4.4692842	-0.48003639	-0.51635945
## FALSE_5896	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_5897	-1.2397535	-0.7940020	1.60168972	0.23053290
## FALSE_5898	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5899	-0.1369978	0.9604268	0.76899928	-0.51635945
## FALSE_5900	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_5901	2.0685135	-0.2091924	-0.48003639	-0.01843121
## FALSE_5902	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_5903	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5904	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_5905	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_5906	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## TRUE_5907	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_5908	-1.2397535	-0.7940020	-0.89638162	0.47949702
## TRUE_5909	-0.1369978	0.9604268	-0.06369117	-0.51635945
## FALSE_5910	-0.1369978	-0.2091924	2.43438017	-0.51635945
## TRUE_5911	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_5912	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5913	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_5914	-0.1369978	2.1300459	-0.89638162	-0.51635945
## TRUE_5915	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_5916	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_5917	-0.1369978	0.9604268	2.43438017	1.72431762
## FALSE_5918	0.9657579	-0.2091924	-0.89638162	-0.76532357
## TRUE_5919	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_5920	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_5921	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_5922	-0.1369978	-0.2091924	2.01803495	-0.51635945
## TRUE_5923	-0.1369978	-0.2091924	-0.06369117	-0.51635945
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## TRUE_5925	0.9657579	-0.2091924	-0.89638162	3.96499469
## FALSE_5926	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5927	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5928	-0.1369978	0.9604268	1.60168972	-0.01843121
## FALSE_5929	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_5930	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_5931	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_5932	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_5933	-0.1369978	0.9604268	-0.48003639	3.96499469
## FALSE_5934	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_5935	2.0685135	-0.7940020	-0.06369117	0.23053290
## FALSE_5936	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_5937	0.9657579	2.7148555	2.01803495	-0.51635945
## FALSE_5938	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5939	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5940	0.9657579	-0.2091924	-0.89638162	3.96499469
## FALSE_5941	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_5942	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_5943	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_5944	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_5945	-0.1369978	1.5452363	1.18534450	-0.76532357
## TRUE_5946	-0.1369978	0.9604268	1.60168972	-0.51635945

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## TRUE_5948	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_5949	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5950	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_5951	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_5952	0.9657579	-0.2091924	0.76899928	-0.01843121
## FALSE_5953	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_5954	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_5955	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_5956	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_5957	-0.1369978	0.9604268	-0.06369117	0.23053290
## FALSE_5958	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_5959	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_5960	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_5961	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_5962	-0.1369978	-0.2091924	1.18534450	3.96499469
## FALSE_5963	0.9657579	-0.2091924	2.01803495	-0.76532357
## TRUE_5964	2.0685135	-0.7940020	-0.89638162	-0.51635945
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## FALSE_5966	-0.1369978	0.9604268	-0.06369117	-0.51635945
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## FALSE_5970	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_5971	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## TRUE_5972	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_5973	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_5974	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_5975	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_5976	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_5977	-0.1369978	-0.2091924	-0.89638162	-0.26739533
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## FALSE_5980	-0.1369978	2.1300459	-0.89638162	-0.51635945
## TRUE_5981	-1.2397535	-0.2091924	1.18534450	-0.51635945
## FALSE_5982	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_5983	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_5984	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_5985	-1.2397535	-0.2091924	2.01803495	-0.76532357
## FALSE_5986	-1.2397535	-0.7940020	0.35265405	0.23053290
## FALSE_5987	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5988	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_5989	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_5990	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_5991	-1.2397535	3.2996650	-0.48003639	-0.26739533
## FALSE_5992	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_5993	-0.1369978	-0.2091924	-0.06369117	2.22224586
## TRUE_5994	-0.1369978	-0.2091924	-0.48003639	3.96499469
## FALSE_5995	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_5996	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_5997	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_5998	-0.1369978	-0.2091924	0.35265405	-0.51635945
## TRUE_5999	-0.1369978	-0.2091924	-0.89638162	3.96499469
## TRUE_6000	-0.1369978	-0.2091924	-0.48003639	0.47949702

## FALSE_6001	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6002	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6003	-0.1369978	4.4692842	-0.89638162	-0.51635945
## FALSE_6004	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6005	0.9657579	-0.2091924	0.35265405	-0.26739533
## TRUE_6006	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_6007	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6008	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_6009	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_6010	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6011	-0.1369978	0.9604268	-0.89638162	0.23053290
## TRUE_6012	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## TRUE_6013	0.9657579	-0.2091924	0.35265405	0.23053290
## FALSE_6014	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6015	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_6016	0.9657579	-0.2091924	0.76899928	-0.51635945
## FALSE_6017	0.9657579	-0.2091924	1.18534450	-0.01843121
## FALSE_6018	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_6019	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6020	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6021	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6022	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6023	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6024	-0.1369978	4.4692842	-0.06369117	-0.51635945
## FALSE_6025	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6026	-1.2397535	-0.7940020	1.18534450	-0.01843121
## FALSE_6027	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6028	2.0685135	-0.2091924	-0.06369117	-0.51635945
## FALSE_6029	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_6030	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_6031	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6032	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6033	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6034	-0.1369978	0.9604268	2.43438017	0.47949702
## FALSE_6035	-0.1369978	-0.2091924	1.18534450	3.96499469
## FALSE_6036	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6037	0.9657579	-0.2091924	-0.48003639	-0.76532357
## TRUE_6038	-0.1369978	0.9604268	-0.89638162	0.23053290
## FALSE_6039	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6040	-0.1369978	0.9604268	0.35265405	-0.51635945
## FALSE_6041	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6042	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6043	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_6044	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_6045	-1.2397535	-0.7940020	-0.06369117	3.96499469
## FALSE_6046	0.9657579	-0.2091924	-0.48003639	3.96499469
## FALSE_6047	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_6048	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_6049	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_6050	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6051	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6052	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_6053	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6054	-0.1369978	-0.2091924	-0.89638162	-0.01843121

## FALSE_6055	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6056	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_6057	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_6058	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_6059	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6060	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_6061	0.9657579	-0.2091924	-0.48003639	-0.26739533
## TRUE_6062	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6063	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6064	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6065	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_6066	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6067	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6068	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_6069	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_6070	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_6071	-1.2397535	-0.2091924	0.35265405	-0.51635945
## FALSE_6072	-0.1369978	-0.2091924	1.60168972	0.23053290
## FALSE_6073	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_6074	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_6075	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6076	-0.1369978	1.5452363	1.18534450	-0.51635945
## FALSE_6077	-1.2397535	-0.7940020	2.01803495	0.23053290
## TRUE_6078	2.0685135	-0.2091924	-0.89638162	-0.51635945
## FALSE_6079	-0.1369978	0.9604268	-0.89638162	-0.01843121
## TRUE_6080	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6081	-0.1369978	1.5452363	1.60168972	-0.51635945
## FALSE_6082	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_6083	-1.2397535	-0.7940020	2.01803495	-0.26739533
## TRUE_6084	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_6085	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_6086	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_6087	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6088	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_6089	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6090	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_6091	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_6092	2.0685135	-0.7940020	-0.48003639	-0.76532357
## FALSE_6093	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6094	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6095	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_6096	2.0685135	-0.2091924	-0.89638162	-0.26739533
## TRUE_6097	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_6098	2.0685135	-0.2091924	2.43438017	0.72846114
## FALSE_6099	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6100	-0.1369978	-0.2091924	2.01803495	-0.51635945
## TRUE_6101	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_6102	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_6103	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6104	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6105	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6106	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6107	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_6108	-0.1369978	-0.2091924	0.76899928	-0.76532357

## FALSE_6109	-0.1369978	1.5452363	1.60168972	-0.76532357
## FALSE_6110	-1.2397535	-0.7940020	1.18534450	0.47949702
## FALSE_6111	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_6112	-0.1369978	0.9604268	-0.06369117	0.23053290
## TRUE_6113	-0.1369978	1.5452363	-0.89638162	-0.51635945
## TRUE_6114	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6115	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6116	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6117	-0.1369978	2.1300459	-0.06369117	-0.26739533
## FALSE_6118	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_6119	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_6120	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_6121	-0.1369978	0.9604268	-0.89638162	0.23053290
## FALSE_6122	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6123	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## TRUE_6124	2.0685135	-0.2091924	-0.89638162	3.96499469
## FALSE_6125	0.9657579	-0.2091924	0.35265405	-0.76532357
## TRUE_6126	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6127	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6128	-0.1369978	4.4692842	-0.89638162	0.23053290
## TRUE_6129	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_6130	-0.1369978	1.5452363	0.76899928	-0.51635945
## FALSE_6131	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6132	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_6133	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6134	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_6135	-1.2397535	-0.2091924	1.18534450	-0.51635945
## FALSE_6136	-0.1369978	-0.2091924	1.60168972	-0.01843121
## TRUE_6137	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6138	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_6139	-0.1369978	0.9604268	2.01803495	-0.51635945
## FALSE_6140	2.0685135	-0.2091924	2.01803495	-0.76532357
## FALSE_6141	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6142	2.0685135	1.5452363	-0.06369117	1.72431762
## TRUE_6143	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6144	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6145	-0.1369978	-0.2091924	0.35265405	3.96499469
## FALSE_6146	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_6147	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6148	0.9657579	1.5452363	-0.89638162	-0.76532357
## FALSE_6149	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6150	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_6151	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_6152	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6153	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## FALSE_6154	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6155	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6156	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6157	-0.1369978	5.6389033	1.18534450	-0.26739533
## FALSE_6158	0.9657579	-0.2091924	0.35265405	3.96499469
## TRUE_6159	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6160	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_6161	-0.1369978	-0.2091924	2.43438017	2.22224586
## TRUE_6162	2.0685135	-0.7940020	0.35265405	-0.76532357

## TRUE_6163	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_6164	-0.1369978	-0.2091924	2.43438017	3.96499469
## FALSE_6165	-0.1369978	-0.2091924	-0.89638162	2.22224586
## TRUE_6166	-0.1369978	-0.2091924	-0.06369117	0.47949702
## FALSE_6167	-0.1369978	1.5452363	-0.48003639	-0.76532357
## TRUE_6168	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_6169	0.9657579	-0.2091924	2.01803495	2.22224586
## TRUE_6170	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6171	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_6172	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_6173	2.0685135	-0.2091924	-0.89638162	-0.01843121
## FALSE_6174	0.9657579	-0.2091924	-0.06369117	0.23053290
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## FALSE_6176	-1.2397535	3.2996650	1.18534450	3.96499469
## FALSE_6177	-1.2397535	-0.7940020	-0.89638162	0.23053290
## TRUE_6178	-0.1369978	1.5452363	-0.06369117	-0.01843121
## FALSE_6179	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_6180	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6181	-0.1369978	-0.2091924	-0.89638162	2.22224586
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## FALSE_6183	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6184	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6185	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6186	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6187	-0.1369978	0.9604268	-0.06369117	-0.01843121
## FALSE_6188	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_6189	0.9657579	-0.2091924	-0.48003639	-0.26739533
## TRUE_6190	2.0685135	-0.2091924	-0.89638162	-0.76532357
## TRUE_6191	-0.1369978	0.9604268	0.76899928	-0.51635945
## TRUE_6192	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_6193	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6194	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6195	-0.1369978	4.4692842	-0.89638162	-0.51635945
## FALSE_6196	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## TRUE_6197	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6198	2.0685135	-0.7940020	0.35265405	-0.51635945
## FALSE_6199	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_6200	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_6201	-0.1369978	2.1300459	-0.48003639	-0.76532357
## FALSE_6202	-0.1369978	-0.2091924	-0.89638162	0.47949702
## TRUE_6203	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_6204	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6205	-0.1369978	0.9604268	2.43438017	-0.51635945
## FALSE_6206	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6207	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_6208	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_6209	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6210	-0.1369978	0.9604268	0.35265405	0.23053290
## TRUE_6211	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_6212	0.9657579	-0.2091924	0.35265405	-0.76532357
## TRUE_6213	-0.1369978	-0.2091924	1.60168972	-0.76532357
## TRUE_6214	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_6215	0.9657579	-0.2091924	0.35265405	-0.26739533
## FALSE_6216	-0.1369978	-0.2091924	-0.06369117	-0.51635945

## FALSE_6217	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6218	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6219	-0.1369978	1.5452363	1.60168972	-0.26739533
## FALSE_6220	-1.2397535	3.2996650	-0.89638162	1.72431762
## FALSE_6221	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_6222	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6223	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_6224	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6225	-0.1369978	2.7148555	-0.06369117	-0.76532357
## FALSE_6226	-0.1369978	1.5452363	-0.06369117	-0.76532357
## TRUE_6227	-0.1369978	1.5452363	-0.06369117	0.23053290
## TRUE_6228	0.9657579	-0.2091924	-0.89638162	3.96499469
## FALSE_6229	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## TRUE_6230	-1.2397535	-0.7940020	0.35265405	-0.26739533
## TRUE_6231	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6232	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_6233	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_6234	0.9657579	-0.2091924	1.18534450	-0.01843121
## FALSE_6235	-1.2397535	3.2996650	1.60168972	-0.26739533
## FALSE_6236	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_6237	3.1712692	5.0540937	2.01803495	2.47120998
## TRUE_6238	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6239	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_6240	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6241	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_6242	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6243	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6244	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_6245	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6246	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6247	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6248	0.9657579	-0.2091924	-0.89638162	3.96499469
## FALSE_6249	0.9657579	-0.2091924	-0.06369117	-0.51635945
## TRUE_6250	-0.1369978	4.4692842	-0.06369117	-0.26739533
## FALSE_6251	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_6252	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_6253	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6254	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_6255	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6256	-0.1369978	0.9604268	1.60168972	-0.76532357
## FALSE_6257	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## TRUE_6258	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## TRUE_6259	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_6260	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6261	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_6262	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6263	0.9657579	0.3756172	-0.06369117	-0.76532357
## FALSE_6264	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6265	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6266	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6267	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_6268	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_6269	-1.2397535	3.2996650	-0.06369117	3.96499469
## FALSE_6270	-0.1369978	-0.2091924	1.60168972	-0.76532357

## FALSE_6271	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6272	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_6273	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6274	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6275	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6276	0.9657579	-0.2091924	1.18534450	-0.01843121
## FALSE_6277	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6278	-1.2397535	-0.2091924	-0.06369117	-0.76532357
## FALSE_6279	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6280	-1.2397535	-0.7940020	1.18534450	-0.51635945
## TRUE_6281	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_6282	-0.1369978	-0.2091924	2.01803495	-0.51635945
## TRUE_6283	-0.1369978	4.4692842	1.60168972	-0.51635945
## FALSE_6284	-1.2397535	3.2996650	-0.89638162	-0.51635945
## FALSE_6285	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6286	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6287	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_6288	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_6289	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_6290	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6291	-0.1369978	0.9604268	0.35265405	-0.51635945
## TRUE_6292	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6293	2.0685135	-0.2091924	-0.06369117	-0.01843121
## FALSE_6294	0.9657579	-0.2091924	0.35265405	-0.01843121
## TRUE_6295	-1.2397535	-0.7940020	1.18534450	0.23053290
## FALSE_6296	0.9657579	-0.2091924	1.60168972	2.22224586
## FALSE_6297	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6298	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6299	2.0685135	-0.7940020	-0.48003639	-0.51635945
## FALSE_6300	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6301	-0.1369978	2.1300459	0.35265405	-0.26739533
## FALSE_6302	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6303	0.9657579	-0.2091924	0.76899928	2.22224586
## FALSE_6304	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6305	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6306	-0.1369978	-0.2091924	2.43438017	0.47949702
## FALSE_6307	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_6308	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6309	-1.2397535	-0.2091924	-0.89638162	0.23053290
## FALSE_6310	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_6311	-1.2397535	-0.7940020	1.60168972	-0.26739533
## TRUE_6312	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_6313	-0.1369978	-0.2091924	0.76899928	2.22224586
## FALSE_6314	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6315	0.9657579	-0.2091924	1.60168972	1.72431762
## FALSE_6316	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6317	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6318	-0.1369978	-0.2091924	-0.06369117	0.23053290
## TRUE_6319	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6320	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6321	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_6322	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6323	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_6324	-0.1369978	-0.2091924	2.43438017	-0.51635945

## FALSE_6325	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6326	-0.1369978	1.5452363	1.60168972	-0.51635945
## TRUE_6327	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6328	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6329	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_6330	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6331	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_6332	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6333	-1.2397535	-0.7940020	0.76899928	-0.51635945
## FALSE_6334	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_6335	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6336	0.9657579	-0.2091924	0.76899928	-0.01843121
## FALSE_6337	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6338	0.9657579	-0.2091924	0.35265405	-0.26739533
## TRUE_6339	-1.2397535	-0.7940020	-0.48003639	-0.01843121
## FALSE_6340	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6341	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_6342	-0.1369978	-0.2091924	0.76899928	-0.76532357
## TRUE_6343	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6344	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6345	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6346	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_6347	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_6348	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_6349	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6350	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6351	-0.1369978	-0.2091924	0.76899928	-0.26739533
## TRUE_6352	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6353	-0.1369978	-0.2091924	0.35265405	2.22224586
## TRUE_6354	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_6355	-1.2397535	-0.2091924	-0.89638162	-0.01843121
## FALSE_6356	-1.2397535	-0.7940020	2.01803495	-0.01843121
## FALSE_6357	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6358	-0.1369978	4.4692842	-0.89638162	-0.51635945
## FALSE_6359	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6360	0.9657579	-0.2091924	-0.06369117	-0.51635945
## TRUE_6361	-1.2397535	3.2996650	1.18534450	3.96499469
## TRUE_6362	-0.1369978	2.1300459	2.43438017	3.96499469
## FALSE_6363	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6364	-0.1369978	0.9604268	-0.48003639	-0.51635945
## FALSE_6365	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_6366	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_6367	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_6368	0.9657579	-0.2091924	-0.06369117	0.72846114
## FALSE_6369	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## TRUE_6370	-0.1369978	-0.2091924	-0.06369117	-0.76532357
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## FALSE_6374	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6375	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_6376	-0.1369978	4.4692842	0.35265405	-0.51635945
## FALSE_6377	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6378	-0.1369978	-0.2091924	-0.48003639	3.96499469

## FALSE_6379	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6380	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6381	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_6382	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_6383	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_6384	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6385	-0.1369978	-0.2091924	-0.89638162	-0.76532357
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## FALSE_6387	-1.2397535	3.2996650	0.35265405	0.47949702
## TRUE_6388	-0.1369978	1.5452363	0.35265405	3.96499469
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## TRUE_6390	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6391	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_6392	-0.1369978	1.5452363	-0.06369117	3.96499469
## FALSE_6393	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_6394	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_6395	0.9657579	-0.2091924	2.01803495	-0.51635945
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## TRUE_6398	-0.1369978	-0.2091924	2.43438017	-0.01843121
## FALSE_6399	0.9657579	-0.2091924	-0.06369117	2.22224586
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## FALSE_6404	-1.2397535	-0.7940020	-0.89638162	-0.01843121
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## FALSE_6406	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6407	0.9657579	0.3756172	-0.06369117	0.23053290
## FALSE_6408	-1.2397535	3.2996650	-0.89638162	-0.26739533
## FALSE_6409	-0.1369978	-0.2091924	-0.06369117	-0.26739533
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## FALSE_6411	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6412	-1.2397535	-0.2091924	-0.48003639	-0.51635945
## FALSE_6413	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6414	-0.1369978	2.1300459	-0.89638162	-0.26739533
## TRUE_6415	2.0685135	-0.2091924	2.43438017	2.22224586
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## TRUE_6422	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_6423	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6424	-0.1369978	2.1300459	0.35265405	-0.76532357
## FALSE_6425	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## TRUE_6426	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6427	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6428	-0.1369978	0.9604268	2.43438017	-0.26739533
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## FALSE_6430	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_6431	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6432	-0.1369978	-0.2091924	0.35265405	-0.76532357

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## FALSE_6443	0.9657579	0.3756172	-0.89638162	-0.76532357
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## FALSE_6446	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_6447	-0.1369978	-0.2091924	2.43438017	3.96499469
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## FALSE_6449	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6450	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_6451	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6452	-0.1369978	4.4692842	-0.06369117	0.23053290
## FALSE_6453	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_6454	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_6455	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6456	0.9657579	0.3756172	0.35265405	0.23053290
## FALSE_6457	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_6458	0.9657579	-0.2091924	0.76899928	2.22224586
## FALSE_6459	0.9657579	-0.2091924	-0.06369117	2.22224586
## TRUE_6460	-0.1369978	-0.2091924	1.18534450	-0.26739533
## FALSE_6461	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_6462	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6463	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_6464	-1.2397535	-0.2091924	-0.89638162	-0.76532357
## FALSE_6465	-0.1369978	-0.2091924	1.60168972	-0.76532357
## TRUE_6466	-0.1369978	0.9604268	0.35265405	-0.76532357
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## TRUE_6468	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6469	-0.1369978	-0.2091924	0.35265405	-0.26739533
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## FALSE_6471	-0.1369978	-0.2091924	-0.06369117	2.22224586
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## FALSE_6473	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_6474	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6475	2.0685135	-0.7940020	0.35265405	-0.76532357
## FALSE_6476	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_6477	-0.1369978	-0.2091924	-0.06369117	0.23053290
## FALSE_6478	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6479	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_6480	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6481	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6482	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_6483	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6484	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_6485	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6486	-0.1369978	-0.2091924	-0.89638162	-0.76532357

## FALSE_6487	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_6488	-0.1369978	2.7148555	-0.48003639	-0.51635945
## TRUE_6489	2.0685135	-0.2091924	1.60168972	-0.76532357
## FALSE_6490	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6491	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_6492	-0.1369978	4.4692842	-0.89638162	-0.76532357
## FALSE_6493	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_6494	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6495	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_6496	-0.1369978	4.4692842	-0.06369117	0.23053290
## FALSE_6497	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_6498	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_6499	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6500	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_6501	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6502	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6503	-1.2397535	-0.7940020	0.35265405	-0.26739533
## TRUE_6504	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6505	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6506	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_6507	0.9657579	-0.2091924	-0.06369117	2.72017410
## TRUE_6508	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_6509	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6510	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6511	-0.1369978	-0.2091924	-0.48003639	0.23053290
## FALSE_6512	-0.1369978	-0.2091924	2.01803495	-0.76532357
## FALSE_6513	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_6514	-0.1369978	-0.2091924	0.35265405	0.23053290
## FALSE_6515	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_6516	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_6517	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6518	-1.2397535	-0.2091924	1.18534450	-0.01843121
## FALSE_6519	-0.1369978	0.9604268	0.35265405	0.23053290
## FALSE_6520	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6521	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_6522	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6523	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_6524	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_6525	-0.1369978	-0.2091924	-0.06369117	3.96499469
## FALSE_6526	-0.1369978	1.5452363	-0.06369117	3.96499469
## FALSE_6527	0.9657579	-0.2091924	-0.48003639	-0.51635945
## FALSE_6528	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6529	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6530	0.9657579	0.3756172	-0.89638162	-0.01843121
## FALSE_6531	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_6532	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6533	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6534	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## TRUE_6535	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_6536	2.0685135	-0.7940020	-0.06369117	-0.76532357
## TRUE_6537	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6538	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6539	0.9657579	-0.2091924	-0.89638162	-0.76532357
## TRUE_6540	0.9657579	-0.2091924	0.35265405	-0.01843121

## FALSE_6541	-0.1369978	0.9604268	0.35265405	-0.01843121
## FALSE_6542	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6543	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6544	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6545	-0.1369978	-0.2091924	1.60168972	3.96499469
## FALSE_6546	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6547	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_6548	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6549	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6550	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6551	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6552	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_6553	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_6554	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_6555	0.9657579	-0.2091924	-0.48003639	0.47949702
## FALSE_6556	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6557	0.9657579	-0.2091924	0.76899928	2.22224586
## FALSE_6558	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_6559	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6560	-0.1369978	0.9604268	1.18534450	1.72431762
## FALSE_6561	-1.2397535	-0.7940020	1.60168972	-0.26739533
## TRUE_6562	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_6563	-0.1369978	1.5452363	-0.06369117	-0.51635945
## FALSE_6564	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6565	0.9657579	-0.2091924	-0.89638162	-0.51635945
## TRUE_6566	-0.1369978	4.4692842	-0.89638162	-0.51635945
## TRUE_6567	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6568	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6569	0.9657579	0.3756172	-0.89638162	-0.26739533
## FALSE_6570	-0.1369978	-0.2091924	2.43438017	0.23053290
## TRUE_6571	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6572	-0.1369978	-0.2091924	2.01803495	3.96499469
## FALSE_6573	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6574	-1.2397535	-0.7940020	1.60168972	-0.26739533
## FALSE_6575	-0.1369978	-0.2091924	-0.06369117	-0.01843121
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## FALSE_6577	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6578	0.9657579	-0.2091924	1.18534450	2.22224586
## TRUE_6579	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_6580	-0.1369978	1.5452363	2.43438017	2.22224586
## FALSE_6581	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6582	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6583	0.9657579	-0.2091924	-0.89638162	-0.76532357
## TRUE_6584	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_6585	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6586	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## TRUE_6587	-0.1369978	0.9604268	1.18534450	-0.76532357
## TRUE_6588	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_6589	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6590	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6591	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6592	0.9657579	-0.2091924	1.18534450	-0.51635945
## TRUE_6593	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6594	-0.1369978	0.9604268	-0.89638162	-0.51635945

## FALSE_6595	-0.1369978	-0.2091924	2.43438017	-0.76532357
## FALSE_6596	-1.2397535	-0.2091924	-0.89638162	3.96499469
## FALSE_6597	-1.2397535	-0.7940020	-0.06369117	-0.51635945
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## FALSE_6599	0.9657579	-0.2091924	-0.48003639	-0.51635945
## TRUE_6600	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_6601	2.0685135	-0.7940020	1.18534450	-0.01843121
## FALSE_6602	-0.1369978	2.1300459	0.35265405	-0.51635945
## FALSE_6603	-1.2397535	-0.7940020	-0.89638162	0.23053290
## TRUE_6604	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6605	-0.1369978	-0.2091924	-0.89638162	-0.76532357
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## FALSE_6607	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6608	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6609	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6610	-0.1369978	1.5452363	-0.89638162	-0.76532357
## FALSE_6611	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_6612	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6613	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6614	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_6615	-0.1369978	-0.2091924	-0.89638162	0.47949702
## FALSE_6616	2.0685135	-0.7940020	-0.06369117	-0.76532357
## FALSE_6617	2.0685135	-0.7940020	-0.89638162	-0.76532357
## FALSE_6618	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_6619	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6620	-0.1369978	-0.2091924	1.60168972	-0.01843121
## TRUE_6621	-0.1369978	1.5452363	-0.89638162	3.96499469
## FALSE_6622	-1.2397535	-0.7940020	2.43438017	-0.26739533
## FALSE_6623	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_6624	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6625	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6626	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6627	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_6628	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6629	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6630	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6631	-1.2397535	-0.7940020	-0.06369117	-0.51635945
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## FALSE_6633	-0.1369978	0.9604268	-0.06369117	-0.01843121
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## FALSE_6636	-1.2397535	-0.7940020	-0.06369117	-0.26739533
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## FALSE_6638	-1.2397535	-0.7940020	-0.06369117	-0.26739533
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## FALSE_6642	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_6643	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_6644	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6645	-1.2397535	-0.2091924	-0.06369117	-0.76532357
## FALSE_6646	-0.1369978	-0.2091924	2.43438017	-0.26739533
## FALSE_6647	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_6648	0.9657579	-0.2091924	1.60168972	-0.76532357

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## FALSE_6652	-0.1369978	-0.2091924	-0.89638162	-0.26739533
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## FALSE_6655	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6656	0.9657579	-0.2091924	-0.06369117	2.22224586
## TRUE_6657	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_6658	-1.2397535	-0.7940020	2.01803495	-0.51635945
## TRUE_6659	-0.1369978	0.9604268	2.43438017	-0.76532357
## FALSE_6660	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_6661	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_6662	-0.1369978	-0.2091924	-0.89638162	-0.51635945
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## FALSE_6664	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6665	-0.1369978	2.1300459	-0.89638162	-0.76532357
## TRUE_6666	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_6667	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6668	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_6669	2.0685135	-0.2091924	2.01803495	-0.76532357
## FALSE_6670	2.0685135	-0.7940020	-0.06369117	-0.76532357
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## FALSE_6673	-0.1369978	0.9604268	-0.48003639	-0.76532357
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## FALSE_6675	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_6676	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_6677	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6678	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6679	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6680	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6681	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_6682	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_6683	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6684	-1.2397535	-0.7940020	-0.06369117	0.23053290
## FALSE_6685	-0.1369978	-0.2091924	2.43438017	3.96499469
## FALSE_6686	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_6687	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_6688	0.9657579	-0.2091924	-0.89638162	-0.76532357
## TRUE_6689	-0.1369978	-0.2091924	-0.89638162	-0.01843121
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## FALSE_6691	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6692	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6693	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6694	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6695	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_6696	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6697	-0.1369978	1.5452363	-0.89638162	-0.51635945
## FALSE_6698	-0.1369978	-0.2091924	-0.48003639	2.22224586
## FALSE_6699	-0.1369978	2.7148555	2.01803495	-0.26739533
## FALSE_6700	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6701	-0.1369978	0.9604268	-0.89638162	-0.51635945
## FALSE_6702	-0.1369978	-0.2091924	-0.06369117	-0.51635945

## FALSE_6703	-1.2397535	-0.7940020	0.35265405	-0.26739533
## TRUE_6704	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_6705	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6706	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6707	-0.1369978	1.5452363	-0.89638162	2.22224586
## FALSE_6708	2.0685135	-0.2091924	2.43438017	-0.51635945
## FALSE_6709	2.0685135	2.1300459	0.35265405	2.22224586
## FALSE_6710	-0.1369978	0.9604268	-0.48003639	-0.01843121
## TRUE_6711	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_6712	-0.1369978	2.1300459	-0.89638162	-0.26739533
## FALSE_6713	-1.2397535	-0.7940020	2.01803495	-0.26739533
## TRUE_6714	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6715	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_6716	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6717	-0.1369978	0.9604268	-0.89638162	-0.01843121
## FALSE_6718	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6719	-0.1369978	-0.2091924	1.18534450	-0.51635945
## TRUE_6720	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6721	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6722	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6723	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6724	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6725	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_6726	2.0685135	-0.7940020	0.35265405	-0.76532357
## TRUE_6727	-1.2397535	-0.7940020	-0.89638162	0.23053290
## TRUE_6728	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_6729	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_6730	0.9657579	0.3756172	-0.06369117	-0.51635945
## FALSE_6731	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_6732	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_6733	-0.1369978	-0.2091924	1.60168972	3.96499469
## FALSE_6734	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_6735	-0.1369978	-0.2091924	-0.06369117	3.96499469
## FALSE_6736	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_6737	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6738	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_6739	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6740	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_6741	0.9657579	-0.2091924	-0.89638162	-0.26739533
## FALSE_6742	-0.1369978	-0.2091924	1.60168972	-0.76532357
## FALSE_6743	0.9657579	-0.2091924	-0.06369117	-0.76532357
## TRUE_6744	-0.1369978	1.5452363	0.35265405	-0.51635945
## FALSE_6745	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_6746	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_6747	-0.1369978	-0.2091924	1.18534450	2.22224586
## FALSE_6748	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6749	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6750	2.0685135	-0.2091924	-0.06369117	-0.76532357
## FALSE_6751	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6752	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6753	0.9657579	-0.2091924	2.43438017	2.22224586
## FALSE_6754	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_6755	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6756	-0.1369978	-0.2091924	2.01803495	-0.26739533

## FALSE_6757	-1.2397535	3.2996650	1.18534450	-0.76532357
## FALSE_6758	0.9657579	-0.2091924	0.35265405	-0.51635945
## FALSE_6759	2.0685135	-0.2091924	-0.89638162	-0.76532357
## FALSE_6760	-0.1369978	1.5452363	-0.89638162	-0.26739533
## TRUE_6761	-1.2397535	-0.7940020	1.60168972	-0.51635945
## FALSE_6762	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_6763	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_6764	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6765	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6766	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6767	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_6768	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_6769	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_6770	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6771	-1.2397535	-0.7940020	-0.89638162	0.23053290
## FALSE_6772	-0.1369978	0.9604268	-0.89638162	-0.26739533
## TRUE_6773	-1.2397535	-0.2091924	-0.06369117	3.96499469
## FALSE_6774	-0.1369978	-0.2091924	-0.89638162	2.22224586
## FALSE_6775	0.9657579	-0.2091924	-0.48003639	0.47949702
## FALSE_6776	-0.1369978	2.1300459	-0.48003639	0.72846114
## FALSE_6777	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6778	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6779	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6780	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6781	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_6782	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6783	-0.1369978	-0.2091924	0.35265405	-0.76532357
## TRUE_6784	0.9657579	-0.2091924	-0.48003639	-0.76532357
## FALSE_6785	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## FALSE_6786	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_6787	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6788	0.9657579	-0.2091924	1.18534450	3.96499469
## FALSE_6789	-1.2397535	-0.2091924	1.60168972	-0.76532357
## FALSE_6790	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6791	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6792	-0.1369978	0.9604268	-0.89638162	-0.51635945
## TRUE_6793	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6794	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6795	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_6796	-0.1369978	-0.2091924	1.60168972	-0.26739533
## FALSE_6797	0.9657579	-0.2091924	-0.06369117	2.22224586
## TRUE_6798	2.0685135	-0.7940020	-0.06369117	-0.26739533
## TRUE_6799	-0.1369978	2.7148555	1.60168972	3.96499469
## FALSE_6800	-1.2397535	-0.7940020	-0.48003639	-0.26739533
## TRUE_6801	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_6802	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6803	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6804	0.9657579	-0.2091924	2.43438017	-0.26739533
## FALSE_6805	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6806	0.9657579	-0.2091924	-0.06369117	2.22224586
## FALSE_6807	0.9657579	-0.2091924	0.35265405	-0.76532357
## TRUE_6808	-0.1369978	4.4692842	-0.06369117	-0.51635945
## FALSE_6809	-1.2397535	-0.7940020	0.35265405	0.23053290
## FALSE_6810	0.9657579	-0.2091924	1.18534450	0.23053290

## TRUE_6811	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6812	-0.1369978	-0.2091924	0.76899928	0.47949702
## TRUE_6813	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_6814	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6815	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_6816	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_6817	-0.1369978	2.7148555	-0.06369117	0.23053290
## FALSE_6818	-0.1369978	2.7148555	-0.89638162	0.23053290
## FALSE_6819	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## TRUE_6820	-0.1369978	1.5452363	0.35265405	-0.51635945
## TRUE_6821	-0.1369978	0.9604268	-0.48003639	-0.76532357
## FALSE_6822	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_6823	-1.2397535	-0.7940020	0.35265405	-0.51635945
## TRUE_6824	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6825	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6826	-0.1369978	-0.2091924	0.35265405	-0.01843121
## TRUE_6827	-1.2397535	-0.7940020	0.35265405	-0.26739533
## FALSE_6828	0.9657579	-0.2091924	-0.06369117	-0.76532357
## FALSE_6829	0.9657579	-0.2091924	2.01803495	-0.26739533
## FALSE_6830	-1.2397535	-0.2091924	-0.06369117	-0.51635945
## FALSE_6831	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_6832	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_6833	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6834	0.9657579	-0.2091924	1.18534450	2.22224586
## FALSE_6835	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6836	0.9657579	-0.2091924	-0.89638162	0.23053290
## FALSE_6837	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_6838	0.9657579	-0.2091924	-0.06369117	-0.01843121
## FALSE_6839	-0.1369978	-0.2091924	0.35265405	-0.26739533
## FALSE_6840	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_6841	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6842	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_6843	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6844	-0.1369978	-0.2091924	-0.48003639	-0.01843121
## TRUE_6845	-1.2397535	-0.2091924	2.01803495	-0.51635945
## FALSE_6846	-1.2397535	3.2996650	1.60168972	-0.76532357
## FALSE_6847	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6848	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_6849	-0.1369978	0.9604268	-0.06369117	-0.76532357
## FALSE_6850	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6851	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_6852	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6853	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6854	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_6855	0.9657579	1.5452363	-0.89638162	0.23053290
## FALSE_6856	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6857	-0.1369978	-0.2091924	2.01803495	0.47949702
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## FALSE_6861	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## TRUE_6862	-0.1369978	2.1300459	-0.48003639	3.96499469
## FALSE_6863	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6864	-0.1369978	-0.2091924	0.35265405	-0.01843121

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## FALSE_6866	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_6867	0.9657579	-0.2091924	1.18534450	1.72431762
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## TRUE_6869	-0.1369978	1.5452363	-0.89638162	0.23053290
## FALSE_6870	-0.1369978	-0.2091924	1.60168972	-0.01843121
## FALSE_6871	0.9657579	-0.2091924	-0.89638162	2.22224586
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## FALSE_6874	2.0685135	-0.2091924	2.43438017	-0.51635945
## TRUE_6875	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6876	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6877	-0.1369978	1.5452363	0.76899928	-0.76532357
## FALSE_6878	-0.1369978	4.4692842	-0.06369117	0.23053290
## FALSE_6879	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_6880	-0.1369978	-0.2091924	1.60168972	-0.51635945
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## FALSE_6884	-0.1369978	0.9604268	2.43438017	-0.26739533
## FALSE_6885	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_6886	-0.1369978	-0.2091924	1.60168972	2.22224586
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## TRUE_6888	-0.1369978	-0.2091924	0.76899928	-0.51635945
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## TRUE_6892	-0.1369978	1.5452363	2.01803495	0.23053290
## FALSE_6893	-0.1369978	1.5452363	-0.06369117	-0.26739533
## FALSE_6894	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_6895	-1.2397535	-0.7940020	-0.06369117	-0.01843121
## FALSE_6896	0.9657579	-0.2091924	0.35265405	-0.26739533
## TRUE_6897	-0.1369978	-0.2091924	1.60168972	-0.51635945
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## FALSE_6912	0.9657579	-0.2091924	0.76899928	-0.76532357
## TRUE_6913	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_6914	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_6915	-1.2397535	3.2996650	-0.89638162	-0.76532357
## FALSE_6916	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_6917	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## TRUE_6918	-0.1369978	-0.2091924	-0.89638162	-0.51635945

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## FALSE_6920	-1.2397535	-0.2091924	-0.89638162	-0.51635945
## FALSE_6921	-0.1369978	0.9604268	2.43438017	-0.51635945
## FALSE_6922	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_6923	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6924	-1.2397535	-0.2091924	-0.06369117	-0.01843121
## FALSE_6925	-1.2397535	-0.2091924	-0.48003639	0.23053290
## FALSE_6926	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_6927	2.0685135	-0.2091924	1.60168972	-0.51635945
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## FALSE_6932	-1.2397535	-0.7940020	-0.06369117	-0.26739533
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## FALSE_6934	-1.2397535	-0.7940020	-0.89638162	-0.51635945
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## FALSE_6939	-1.2397535	-0.7940020	2.43438017	-0.26739533
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## FALSE_6941	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_6942	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6943	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_6944	-1.2397535	-0.7940020	2.01803495	-0.76532357
## FALSE_6945	2.0685135	-0.7940020	-0.89638162	-0.26739533
## TRUE_6946	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6947	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_6948	-1.2397535	-0.7940020	0.35265405	-0.01843121
## FALSE_6949	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6950	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_6951	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_6952	-1.2397535	-0.7940020	1.18534450	0.23053290
## FALSE_6953	-1.2397535	-0.7940020	-0.06369117	-0.26739533
## FALSE_6954	0.9657579	-0.2091924	-0.89638162	-0.76532357
## FALSE_6955	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_6956	2.0685135	-0.2091924	-0.06369117	-0.01843121
## FALSE_6957	-1.2397535	-0.7940020	0.76899928	-0.26739533
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## FALSE_6959	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_6960	-0.1369978	-0.2091924	0.35265405	-0.01843121
## FALSE_6961	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_6962	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_6963	-1.2397535	-0.7940020	-0.89638162	-0.76532357
## FALSE_6964	-0.1369978	-0.2091924	2.43438017	-0.51635945
## TRUE_6965	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_6966	0.9657579	-0.2091924	2.01803495	-0.76532357
## FALSE_6967	-0.1369978	-0.2091924	2.01803495	-0.01843121
## FALSE_6968	-0.1369978	-0.2091924	-0.89638162	0.23053290
## FALSE_6969	-0.1369978	-0.2091924	-0.06369117	-0.01843121
## FALSE_6970	-1.2397535	-0.7940020	0.35265405	-0.76532357
## FALSE_6971	0.9657579	-0.2091924	-0.89638162	-0.01843121
## FALSE_6972	0.9657579	-0.2091924	-0.89638162	-0.76532357

## FALSE_6973	-0.1369978	0.9604268	1.60168972	-0.51635945
## FALSE_6974	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_6975	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_6976	-0.1369978	-0.2091924	1.60168972	-0.51635945
## FALSE_6977	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6978	-0.1369978	-0.2091924	1.18534450	-0.01843121
## FALSE_6979	-0.1369978	4.4692842	-0.06369117	-0.26739533
## TRUE_6980	-0.1369978	-0.2091924	0.76899928	-0.51635945
## FALSE_6981	-1.2397535	-0.7940020	1.18534450	-0.76532357
## FALSE_6982	-0.1369978	-0.2091924	-0.48003639	0.47949702
## FALSE_6983	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_6984	-0.1369978	0.9604268	0.35265405	-0.76532357
## FALSE_6985	-0.1369978	1.5452363	-0.48003639	-0.51635945
## FALSE_6986	-0.1369978	-0.2091924	0.35265405	2.22224586
## FALSE_6987	-0.1369978	-0.2091924	1.60168972	0.47949702
## FALSE_6988	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_6989	-1.2397535	-0.7940020	-0.06369117	0.23053290
## FALSE_6990	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_6991	-0.1369978	-0.2091924	-0.06369117	0.23053290
## FALSE_6992	0.9657579	-0.2091924	1.18534450	-0.76532357
## FALSE_6993	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_6994	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_6995	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_6996	2.0685135	-0.7940020	-0.89638162	-0.26739533
## FALSE_6997	0.9657579	0.3756172	0.35265405	-0.01843121
## FALSE_6998	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_6999	-0.1369978	-0.2091924	2.43438017	-0.76532357
## TRUE_7000	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_7001	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## TRUE_7002	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## TRUE_7003	0.9657579	-0.2091924	1.60168972	-0.01843121
## TRUE_7004	-0.1369978	-0.2091924	2.01803495	-0.76532357
## TRUE_7005	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_7006	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_7007	0.9657579	-0.2091924	1.18534450	3.96499469
## FALSE_7008	-0.1369978	1.5452363	-0.48003639	-0.51635945
## TRUE_7009	-0.1369978	4.4692842	0.35265405	-0.26739533
## FALSE_7010	0.9657579	-0.2091924	2.01803495	-0.01843121
## FALSE_7011	2.0685135	-0.7940020	-0.89638162	-0.26739533
## TRUE_7012	-0.1369978	-0.2091924	1.18534450	-0.51635945
## FALSE_7013	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_7014	0.9657579	-0.2091924	2.43438017	0.23053290
## FALSE_7015	-0.1369978	-0.2091924	-0.06369117	2.22224586
## FALSE_7016	0.9657579	-0.2091924	2.01803495	-0.51635945
## TRUE_7017	-0.1369978	-0.2091924	-0.89638162	3.96499469
## TRUE_7018	-0.1369978	2.1300459	0.35265405	-0.51635945
## FALSE_7019	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_7020	-0.1369978	-0.2091924	0.76899928	-0.76532357
## FALSE_7021	-0.1369978	-0.2091924	-0.89638162	3.96499469
## FALSE_7022	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_7023	4.2740249	1.5452363	0.35265405	-0.51635945
## FALSE_7024	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_7025	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## TRUE_7026	-1.2397535	-0.7940020	2.01803495	-0.51635945

## FALSE_7027	-0.1369978	-0.2091924	-0.06369117	-0.76532357
## FALSE_7028	-0.1369978	-0.2091924	0.35265405	-0.76532357
## FALSE_7029	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_7030	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_7031	-0.1369978	-0.2091924	-0.89638162	-0.26739533
## FALSE_7032	0.9657579	-0.2091924	0.76899928	-0.51635945
## FALSE_7033	-0.1369978	0.9604268	2.01803495	-0.51635945
## FALSE_7034	-0.1369978	-0.2091924	-0.06369117	-0.51635945
## FALSE_7035	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_7036	0.9657579	-0.2091924	1.18534450	-0.26739533
## FALSE_7037	-0.1369978	-0.2091924	-0.48003639	-0.26739533
## FALSE_7038	0.9657579	-0.2091924	-0.48003639	-0.01843121
## FALSE_7039	0.9657579	-0.2091924	1.18534450	-0.51635945
## FALSE_7040	-0.1369978	1.5452363	-0.89638162	-0.26739533
## FALSE_7041	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_7042	-0.1369978	-0.2091924	2.43438017	2.22224586
## FALSE_7043	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_7044	-0.1369978	-0.2091924	-0.48003639	-0.51635945
## FALSE_7045	-0.1369978	0.9604268	-0.89638162	-0.26739533
## FALSE_7046	-0.1369978	-0.2091924	1.18534450	-0.76532357
## FALSE_7047	0.9657579	-0.2091924	-0.48003639	2.22224586
## FALSE_7048	-0.1369978	-0.2091924	2.01803495	2.22224586
## FALSE_7049	-0.1369978	2.1300459	0.76899928	-0.51635945
## FALSE_7050	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_7051	-1.2397535	-0.7940020	-0.89638162	3.96499469
## FALSE_7052	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_7053	0.9657579	-0.2091924	-0.89638162	0.47949702
## FALSE_7054	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_7055	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_7056	0.9657579	-0.2091924	-0.06369117	-0.26739533
## FALSE_7057	-0.1369978	-0.2091924	1.60168972	-0.01843121
## TRUE_7058	-0.1369978	0.9604268	-0.48003639	-0.76532357
## TRUE_7059	2.0685135	-0.7940020	-0.06369117	3.96499469
## TRUE_7060	-0.1369978	-0.2091924	1.60168972	2.22224586
## FALSE_7061	-1.2397535	3.2996650	-0.89638162	-0.76532357
## TRUE_7062	-0.1369978	-0.2091924	0.76899928	0.23053290
## FALSE_7063	2.0685135	-0.7940020	-0.89638162	-0.51635945
## FALSE_7064	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_7065	0.9657579	-0.2091924	0.35265405	2.22224586
## FALSE_7066	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_7067	0.9657579	-0.2091924	-0.06369117	-0.51635945
## FALSE_7068	0.9657579	-0.2091924	0.35265405	-0.76532357
## FALSE_7069	-1.2397535	3.2996650	-0.89638162	-0.76532357
## FALSE_7070	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_7071	-1.2397535	-0.7940020	-0.06369117	-0.51635945
## FALSE_7072	0.9657579	-0.2091924	2.01803495	-0.51635945
## FALSE_7073	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_7074	-0.1369978	1.5452363	1.18534450	-0.76532357
## FALSE_7075	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_7076	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_7077	-0.1369978	-0.2091924	2.43438017	-0.51635945
## FALSE_7078	-0.1369978	-0.2091924	-0.89638162	-0.76532357
## FALSE_7079	-0.1369978	-0.2091924	1.60168972	3.96499469
## FALSE_7080	-1.2397535	-0.7940020	-0.06369117	-0.01843121

## FALSE_7081	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## FALSE_7082	-0.1369978	0.9604268	2.43438017	-0.01843121
## FALSE_7083	-1.2397535	-0.7940020	-0.89638162	-0.01843121
## FALSE_7084	0.9657579	-0.2091924	-0.06369117	-0.01843121
## TRUE_7085	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_7086	-0.1369978	-0.2091924	0.35265405	-0.51635945
## FALSE_7087	2.0685135	-0.2091924	0.35265405	-0.51635945
## FALSE_7088	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## TRUE_7089	-0.1369978	2.1300459	-0.06369117	-0.26739533
## FALSE_7090	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_7091	0.9657579	-0.2091924	0.35265405	-0.01843121
## FALSE_7092	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_7093	-1.2397535	-0.7940020	1.18534450	-0.26739533
## FALSE_7094	-0.1369978	4.4692842	1.60168972	-0.51635945
## FALSE_7095	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_7096	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## FALSE_7097	0.9657579	-0.2091924	0.35265405	-0.76532357
## TRUE_7098	-0.1369978	-0.2091924	1.60168972	-0.51635945
## TRUE_7099	-0.1369978	-0.2091924	1.60168972	2.22224586
## TRUE_7100	0.9657579	-0.2091924	-0.89638162	-0.51635945
## FALSE_7101	-0.1369978	-0.2091924	2.01803495	-0.51635945
## FALSE_7102	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_7103	-1.2397535	-0.7940020	-0.89638162	-0.26739533
## FALSE_7104	-0.1369978	0.9604268	-0.06369117	-0.26739533
## FALSE_7105	-0.1369978	4.4692842	-0.89638162	-0.26739533
## FALSE_7106	-1.2397535	-0.7940020	0.35265405	-0.51635945
## FALSE_7107	0.9657579	-0.2091924	-0.48003639	-0.26739533
## FALSE_7108	-1.2397535	-0.7940020	2.43438017	-0.26739533
## TRUE_7109	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_7110	-0.1369978	0.9604268	-0.89638162	-0.76532357
## FALSE_7111	-0.1369978	2.7148555	-0.89638162	-0.51635945
## FALSE_7112	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_7113	-1.2397535	3.2996650	-0.89638162	0.47949702
## FALSE_7114	0.9657579	-0.2091924	-0.89638162	2.22224586
## FALSE_7115	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_7116	0.9657579	-0.2091924	2.01803495	2.22224586
## TRUE_7117	2.0685135	-0.7940020	-0.06369117	0.47949702
## FALSE_7118	-1.2397535	-0.7940020	-0.89638162	-0.51635945
## FALSE_7119	0.9657579	-0.2091924	-0.89638162	-0.26739533
## TRUE_7120	-0.1369978	-0.2091924	0.76899928	-0.51635945
## TRUE_7121	-0.1369978	-0.2091924	-0.06369117	-0.26739533
## TRUE_7122	-0.1369978	-0.2091924	-0.89638162	-0.51635945
## FALSE_7123	-0.1369978	-0.2091924	0.76899928	-0.01843121
## FALSE_7124	-0.1369978	-0.2091924	-0.48003639	-0.76532357
## FALSE_7125	0.9657579	-0.2091924	0.76899928	2.22224586
## FALSE_7126	-0.1369978	4.4692842	1.60168972	-0.76532357
## TRUE_7127	-0.1369978	-0.2091924	-0.89638162	-0.01843121
## FALSE_7128	-1.2397535	-0.7940020	1.18534450	-0.51635945
## FALSE_7129	-1.2397535	-0.7940020	-0.06369117	-0.76532357
## TRUE_7130	-0.1369978	-0.2091924	2.01803495	0.47949702
## FALSE_7131	0.9657579	-0.2091924	2.01803495	3.96499469
## FALSE_7132	-0.1369978	0.9604268	-0.06369117	-0.76532357
## TRUE_7133	-1.2397535	-0.7940020	-0.48003639	-0.51635945
## FALSE_7134	0.9657579	-0.2091924	1.18534450	-0.76532357

```
## FALSE_7135      -1.2397535 -0.7940020  0.35265405 -0.26739533
## FALSE_7136      -0.1369978 -0.2091924  0.35265405 -0.76532357
## FALSE_7137      -0.1369978 -0.2091924  0.35265405 -0.01843121
## FALSE_7138      -1.2397535 -0.7940020 -0.89638162  0.23053290
## FALSE_7139      -1.2397535  3.2996650  0.76899928  1.72431762
## FALSE_7140      -0.1369978  1.5452363  2.01803495 -0.51635945
## FALSE_7141       2.0685135 -0.7940020 -0.89638162 -0.26739533
## FALSE_7142      -0.1369978 -0.2091924  0.35265405 -0.51635945
## [ reached getOption("max.print") -- omitted 5069 rows ]
## attr("scaled:center")
##      Administrative Administrative_Duration      Informational
##      2.340006e+00      8.168138e+01      5.088074e-01
##      Informational_Duration      ProductRelated ProductRelated_Duration
##      3.483701e+01      3.205816e+01      1.206353e+03
##      BounceRates      ExitRates      PageValues
##      2.044841e-02      4.149826e-02      5.946651e+00
##      SpecialDay      OperatingSystems      Browser
##      6.191139e-02      2.124232e+00      2.357710e+00
##      Region      TrafficType
##      3.152977e+00      4.074032e+00
## attr("scaled:scale")
##      Administrative Administrative_Duration      Informational
##      3.329214e+00      1.774409e+02      1.275190e+00
##      Informational_Duration      ProductRelated ProductRelated_Duration
##      1.413890e+02      4.457899e+01      1.919337e+03
##      BounceRates      ExitRates      PageValues
##      4.538022e-02      4.622445e-02      1.864955e+01
##      SpecialDay      OperatingSystems      Browser
##      1.996219e-01      9.068192e-01      1.709958e+00
##      Region      TrafficType
##      2.401853e+00      4.016643e+00
```

```
table(data1.clusters, data1$Revenue)
```

```
##
## data1.clusters FALSE  TRUE
##      1 10297  1893
##      2   3    15
##      3   3     0
```

The number of wrong classifications under FALSE is 6(3 under cluster 2 and 3 under cluster 3). The number of wrong classification under TRUE is 15, under cluster 2.