WEEK 13 IP

Cherono K

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1. Defining the Question

In this week's project I'll be working as a Data Science Consultant to Kira PLastinina. The brand's Sales and Marketing team would like to understand their customer's behavior from data that they have collected over the past year. More specifically, they would like to learn the characteristics of customer groups.

2. Defining the Metric for Success

Our metrics for success would be

3. Understanding the context

Kira PLastinina is a Russian brand that is sold through a defunct chain of retail stores in Russia, Ukraine, Kazakhstan, Belarus, China, Philippines, and Armenia. The owner goes by the same name, Kira Plastinina, a Russian fashion designer and entrepreneur. In 2007, the first Kira Plastinina store opened in Moscow, Plastinina introduced her first collection and became one of the youngest fashion designers in the world. Since then, the company has opened over 300 stores in Russia and CIS. Throughout her career, Plastinina has presented her fashion collections during Rome, Milan, New York and Moscow fashion weeks. Her brand has been worn by many celebrities including Paris Hilton, Lindsay Lohan, Georgia May Jagger, Karlie Kloss, Rowan Blanchard, Lyndsy Fonseca, Victoria Justice, and many others.

4. Recording the Experimental Design

The following are the steps taken to implement the solution :

- Define the question, the metric for success, the context, experimental design taken.
- Read and explore the given dataset.
- Define the appropriateness of the available data to answer the given question.
- Find and deal with outliers, anomalies, and missing data within the dataset.
- Perform Univariate and Bivariate Analysis recording our observations.
- Perform clustering stating insights drawn from your analysis and visualizations.

- Upon implementation, provide comparisons between the approaches learned this week i.e. K-Means clustering vs Hierarchical clustering highlighting the strengths and limitations of each approach in the context of your analysis.
- Provide a conclusion and recommendation from the analysis.

5. Data Relevance

Our data is very relevant to our research question. It contains very detailed information about the website and the traffic in it.

6. Reading the Data

```
#Importing libraries
library(moments)
library(ggcorrplot)
```

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

```
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------------------- tidyverse 1.3.0 --

## v tibble  3.0.3     v dplyr   1.0.2
## v tidyr   1.1.2     v stringr 1.4.0
## v readr   1.3.1     v forcats 0.5.0
## v purrr   0.3.4

## -- Conflicts ------------------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
#Loading the Dataset
df <- read.csv("http://bit.ly/EcommerceCustomersDataset")
```

6. Checking the Data

a.) Previewing the Data

```
#Previewing the top of our dataset
head(df)
```

```
##   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 0.2000000          0
## 2              2               64.000000  0.00000000 0.1000000          0
## 3              1               -1.000000  0.20000000 0.2000000          0
## 4              2                2.666667  0.05000000 0.1400000          0
## 5             10              627.500000  0.02000000 0.0500000          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
```

```r
#Previewing the bottom of the dataset
tail(df)
```

```
##       Administrative Administrative_Duration Informational
## 12325              0                       0             1
## 12326              3                     145             0
## 12327              0                       0             0
## 12328              0                       0             0
## 12329              4                      75             0
## 12330              0                       0             0
##       Informational_Duration ProductRelated ProductRelated_Duration BounceRates
## 12325                      0             16                 503.000 0.000000000
## 12326                      0             53                1783.792 0.007142857
## 12327                      0              5                 465.750 0.000000000
## 12328                      0              6                 184.250 0.083333333
## 12329                      0             15                 346.000 0.000000000
## 12330                      0              3                  21.250 0.000000000
##        ExitRates PageValues SpecialDay Month OperatingSystems Browser Region
## 12325 0.03764706    0.00000          0   Nov                2       2      1
## 12326 0.02903061   12.24172          0   Dec                4       6      1
## 12327 0.02133333    0.00000          0   Nov                3       2      1
## 12328 0.08666667    0.00000          0   Nov                3       2      1
## 12329 0.02105263    0.00000          0   Nov                2       2      3
## 12330 0.06666667    0.00000          0   Nov                3       2      1
##       TrafficType       VisitorType Weekend Revenue
## 12325           1 Returning_Visitor   FALSE   FALSE
## 12326           1 Returning_Visitor    TRUE   FALSE
## 12327           8 Returning_Visitor    TRUE   FALSE
## 12328          13 Returning_Visitor    TRUE   FALSE
## 12329          11 Returning_Visitor   FALSE   FALSE
```

```
## 12330           2       New_Visitor    TRUE   FALSE
```

```r
# Checking the names of the columns
names(df)
```

```
##  [1] "Administrative"          "Administrative_Duration"
##  [3] "Informational"           "Informational_Duration"
##  [5] "ProductRelated"          "ProductRelated_Duration"
##  [7] "BounceRates"             "ExitRates"
##  [9] "PageValues"              "SpecialDay"
## [11] "Month"                   "OperatingSystems"
## [13] "Browser"                 "Region"
## [15] "TrafficType"             "VisitorType"
## [17] "Weekend"                 "Revenue"
```

```r
#Displaying the structure of our dataset
str(df)
```

```
## 'data.frame':    12330 obs. of  18 variables:
##  $ Administrative         : int  0 0 0 0 0 0 0 1 0 0 ...
##  $ Administrative_Duration: num  0 0 -1 0 0 0 -1 -1 0 0 ...
##  $ Informational          : int  0 0 0 0 0 0 0 0 0 0 ...
##  $ Informational_Duration : num  0 0 -1 0 0 0 -1 -1 0 0 ...
##  $ ProductRelated         : int  1 2 1 2 10 19 1 1 2 3 ...
##  $ ProductRelated_Duration: num  0 64 -1 2.67 627.5 ...
##  $ BounceRates            : num  0.2 0 0.2 0.05 0.02 ...
##  $ ExitRates              : num  0.2 0.1 0.2 0.14 0.05 ...
##  $ PageValues             : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ SpecialDay             : num  0 0 0 0 0 0 0.4 0 0.8 0.4 ...
##  $ Month                  : chr  "Feb" "Feb" "Feb" "Feb" ...
##  $ OperatingSystems       : int  1 2 4 3 3 2 2 1 2 2 ...
##  $ Browser                : int  1 2 1 2 3 2 4 2 2 4 ...
##  $ Region                 : int  1 1 9 2 1 1 3 1 2 1 ...
##  $ TrafficType            : int  1 2 3 4 4 3 3 5 3 2 ...
##  $ VisitorType            : chr  "Returning_Visitor" "Returning_Visitor" "Returning_Visitor" "Returni
##  $ Weekend                : logi  FALSE FALSE FALSE FALSE TRUE FALSE ...
##  $ Revenue                : logi  FALSE FALSE FALSE FALSE FALSE FALSE ...
```

```r
#Checking the dimension of our dataset
dim(df)
```

```
## [1] 12330    18
```

```r
#Checking the class of our data set using the class() function
class(df)
```

```
## [1] "data.frame"
```

```r
# Checking the datatypes for each column
columns = colnames(df)
for (column in seq(length(colnames(df)))){
```

```r
    print(columns[column])
    print(class(df[, column]))
    cat('\n')
}
```

```
## [1] "Administrative"
## [1] "integer"
##
## [1] "Administrative_Duration"
## [1] "numeric"
##
## [1] "Informational"
## [1] "integer"
##
## [1] "Informational_Duration"
## [1] "numeric"
##
## [1] "ProductRelated"
## [1] "integer"
##
## [1] "ProductRelated_Duration"
## [1] "numeric"
##
## [1] "BounceRates"
## [1] "numeric"
##
## [1] "ExitRates"
## [1] "numeric"
##
## [1] "PageValues"
## [1] "numeric"
##
## [1] "SpecialDay"
## [1] "numeric"
##
## [1] "Month"
## [1] "character"
##
## [1] "OperatingSystems"
## [1] "integer"
##
## [1] "Browser"
## [1] "integer"
##
## [1] "Region"
## [1] "integer"
##
## [1] "TrafficType"
## [1] "integer"
##
## [1] "VisitorType"
## [1] "character"
##
```

```
## [1] "Weekend"
## [1] "logical"
##
## [1] "Revenue"
## [1] "logical"
```

```r
#checking for unique values in the variables
lapply(df, function (x) {length(unique(x))})
```

```
## $Administrative
## [1] 28
##
## $Administrative_Duration
## [1] 3337
##
## $Informational
## [1] 18
##
## $Informational_Duration
## [1] 1260
##
## $ProductRelated
## [1] 312
##
## $ProductRelated_Duration
## [1] 9553
##
## $BounceRates
## [1] 1873
##
## $ExitRates
## [1] 4778
##
## $PageValues
## [1] 2704
##
## $SpecialDay
## [1] 6
##
## $Month
## [1] 10
##
## $OperatingSystems
## [1] 8
##
## $Browser
## [1] 13
##
## $Region
## [1] 9
##
## $TrafficType
## [1] 20
##
```

```
## $VisitorType
## [1] 3
##
## $Weekend
## [1] 2
##
## $Revenue
## [1] 2
```

Our data frame has 12,330 entries and 18 columns. The data types of the columns in our dataset comprise of integer, numeric, character and logical. However the last 8 columns are not categorized as factor data types although they are categorical. We'll correct this when tidying up the dataset.

b.) Null Values

```r
#Checking the number of missing data in our dataset
sum(is.na(df))
```

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

We have 112 missing values in our dataset.

```r
#Checking for total missing values in each column
colSums(is.na(df))
```

```
##          Administrative Administrative_Duration           Informational
##                      14                      14                      14
##  Informational_Duration          ProductRelated ProductRelated_Duration
##                      14                      14                      14
##             BounceRates               ExitRates              PageValues
##                      14                      14                       0
##              SpecialDay                   Month        OperatingSystems
##                       0                       0                       0
##                 Browser                  Region             TrafficType
##                       0                       0                       0
##             VisitorType                 Weekend                 Revenue
##                       0                       0                       0
```

The first 8 columns are the ones with missing values. We'll deal with these missing values later on while cleaning the dataset.

c.) Duplicates

```r
#Checking for duplicated data
duplicated <- df[duplicated(df),]
head(duplicated)
```

```
##     Administrative Administrative_Duration Informational Informational_Duration
## 159              0                       0             0                      0
## 179              0                       0             0                      0
## 419              0                       0             0                      0
## 457              0                       0             0                      0
## 484              0                       0             0                      0
## 513              0                       0             0                      0
##     ProductRelated ProductRelated_Duration BounceRates ExitRates PageValues
## 159              1                       0         0.2       0.2          0
## 179              1                       0         0.2       0.2          0
## 419              1                       0         0.2       0.2          0
## 457              1                       0         0.2       0.2          0
## 484              1                       0         0.2       0.2          0
## 513              1                       0         0.2       0.2          0
##     SpecialDay Month OperatingSystems Browser Region TrafficType
## 159          0   Feb                1       1      1           3
## 179          0   Feb                3       2      3           3
## 419          0   Mar                1       1      1           1
## 457          0   Mar                2       2      4           1
## 484          0   Mar                3       2      3           1
## 513          0   Mar                2       2      1           1
##           VisitorType Weekend Revenue
## 159 Returning_Visitor   FALSE   FALSE
## 179 Returning_Visitor   FALSE   FALSE
## 419 Returning_Visitor    TRUE   FALSE
## 457 Returning_Visitor   FALSE   FALSE
## 484 Returning_Visitor   FALSE   FALSE
## 513 Returning_Visitor   FALSE   FALSE
```

Our dataset has 119 duplicated entries. We'll deal with these duplicates later on while cleaning the dataset.

d.) Negative values

Upon viewing the structure of our dataframe, we noticed several negative values in several columns. We'll therefore check negative values in the dataframe.

```r
#Checking negative values in the dataframe
df[df[,6] < 0,]
```

```
##       Administrative Administrative_Duration Informational
## 3                  0                      -1             0
## 7                  0                      -1             0
## 8                  1                      -1             0
## 17                 0                      -1             0
## 22                 0                      -1             0
## 25                 0                      -1             0
## 50                 0                      -1             0
## 51                 0                      -1             0
## 65                 0                      -1             0
## 133                0                      -1             0
## 141                0                      -1             0
## 182                0                      -1             0
## 183                0                      -1             0
```

```
## 253                0                      -1             0
## 384                0                      -1             0
## 533                0                      -1             0
## 541                0                      -1             0
## 563                0                      -1             0
## 592                0                      -1             0
## 639                0                      -1             0
## NA                NA                      NA            NA
## NA.1              NA                      NA            NA
## NA.2              NA                      NA            NA
## NA.3              NA                      NA            NA
## NA.4              NA                      NA            NA
## NA.5              NA                      NA            NA
## NA.6              NA                      NA            NA
## NA.7              NA                      NA            NA
## NA.8              NA                      NA            NA
## NA.9              NA                      NA            NA
## NA.10             NA                      NA            NA
## NA.11             NA                      NA            NA
## NA.12             NA                      NA            NA
## 2047               0                      -1             0
## 2053               0                      -1             0
## 2062               0                      -1             0
## NA.13             NA                      NA            NA
## 4800               0                      -1             0
## 4916               0                      -1             0
## 5096               0                      -1             0
## 5097               0                      -1             0
## 5108               0                      -1             0
## 5125               1                      -1             0
## 6261               0                      -1             0
## 7211               0                      -1             0
## 8053               0                      -1             0
## 8637               0                      -1             0
##       Informational_Duration ProductRelated ProductRelated_Duration BounceRates
## 3                         -1              1                      -1         0.2
## 7                         -1              1                      -1         0.2
## 8                         -1              1                      -1         0.2
## 17                        -1              1                      -1         0.2
## 22                        -1              1                      -1         0.2
## 25                        -1              1                      -1         0.2
## 50                        -1              1                      -1         0.2
## 51                        -1              1                      -1         0.2
## 65                        -1              1                      -1         0.2
## 133                       -1              1                      -1         0.2
## 141                       -1              1                      -1         0.2
## 182                       -1              1                      -1         0.2
## 183                       -1              1                      -1         0.2
## 253                       -1              1                      -1         0.2
## 384                       -1              1                      -1         0.2
## 533                       -1              1                      -1         0.2
## 541                       -1              1                      -1         0.2
## 563                       -1              1                      -1         0.0
## 592                       -1              1                      -1         0.2
```

```
## 639                      -1             1                      -1         0.2
## NA                       NA            NA                      NA          NA
## NA.1                     NA            NA                      NA          NA
## NA.2                     NA            NA                      NA          NA
## NA.3                     NA            NA                      NA          NA
## NA.4                     NA            NA                      NA          NA
## NA.5                     NA            NA                      NA          NA
## NA.6                     NA            NA                      NA          NA
## NA.7                     NA            NA                      NA          NA
## NA.8                     NA            NA                      NA          NA
## NA.9                     NA            NA                      NA          NA
## NA.10                    NA            NA                      NA          NA
## NA.11                    NA            NA                      NA          NA
## NA.12                    NA            NA                      NA          NA
## 2047                     -1             1                      -1         0.0
## 2053                     -1             1                      -1         0.2
## 2062                     -1             1                      -1         0.2
## NA.13                    NA            NA                      NA          NA
## 4800                     -1             1                      -1         0.2
## 4916                     -1             1                      -1         0.2
## 5096                     -1             1                      -1         0.2
## 5097                     -1             1                      -1         0.2
## 5108                     -1             1                      -1         0.2
## 5125                     -1             1                      -1         0.0
## 6261                     -1             1                      -1         0.2
## 7211                     -1             1                      -1         0.2
## 8053                     -1             1                      -1         0.2
## 8637                     -1             1                      -1         0.2
##        ExitRates PageValues SpecialDay Month OperatingSystems Browser Region
## 3     0.20000000          0        0.0   Feb                4       1      9
## 7     0.20000000          0        0.4   Feb                2       4      3
## 8     0.20000000          0        0.0   Feb                1       2      1
## 17    0.20000000          0        0.0   Feb                1       1      4
## 22    0.20000000          0        0.0   Feb                3       3      1
## 25    0.20000000          0        0.0   Feb                2       2      4
## 50    0.20000000          0        0.6   Feb                2       2      3
## 51    0.20000000          0        0.0   Feb                1       1      3
## 65    0.20000000          0        0.0   Feb                2       2      4
## 133   0.20000000          0        0.0   Feb                3       2      3
## 141   0.20000000          0        0.0   Feb                2       2      7
## 182   0.20000000          0        0.6   Feb                4       2      1
## 183   0.20000000          0        0.0   Feb                2       4      1
## 253   0.20000000          0        0.0   Mar                1       1      1
## 384   0.20000000          0        0.0   Mar                2       2      2
## 533   0.20000000          0        0.0   Mar                3       2      7
## 541   0.20000000          0        0.0   Mar                3       2      3
## 563   0.06666667          0        0.0   Mar                2       2      7
## 592   0.20000000          0        0.0   Mar                1       1      3
## 639   0.20000000          0        0.0   Mar                3       2      3
## NA            NA         NA         NA  <NA>               NA      NA     NA
## NA.1          NA         NA         NA  <NA>               NA      NA     NA
## NA.2          NA         NA         NA  <NA>               NA      NA     NA
## NA.3          NA         NA         NA  <NA>               NA      NA     NA
## NA.4          NA         NA         NA  <NA>               NA      NA     NA
```

```
## NA.5          NA         NA         NA  <NA>                NA      NA     NA
## NA.6          NA         NA         NA  <NA>                NA      NA     NA
## NA.7          NA         NA         NA  <NA>                NA      NA     NA
## NA.8          NA         NA         NA  <NA>                NA      NA     NA
## NA.9          NA         NA         NA  <NA>                NA      NA     NA
## NA.10         NA         NA         NA  <NA>                NA      NA     NA
## NA.11         NA         NA         NA  <NA>                NA      NA     NA
## NA.12         NA         NA         NA  <NA>                NA      NA     NA
## 2047  0.10000000          0        0.0   Mar                 2       2      2
## 2053  0.20000000          0        0.0   Mar                 2       5      2
## 2062  0.20000000          0        0.0   Mar                 2       5      1
## NA.13         NA         NA         NA  <NA>                NA      NA     NA
## 4800  0.20000000          0        0.0   May                 3       2      5
## 4916  0.20000000          0        0.0   May                 2       2      9
## 5096  0.20000000          0        0.0   May                 1       1      1
## 5097  0.20000000          0        0.0   May                 2       4      4
## 5108  0.20000000          0        0.0   May                 2      10      5
## 5125  0.06666667          0        0.0   May                 3       2      1
## 6261  0.20000000          0        0.0   Nov                 2       2      1
## 7211  0.20000000          0        0.0   Jul                 1       1      3
## 8053  0.20000000          0        0.0   Nov                 1       1      9
## 8637  0.20000000          0        0.0   Nov                 1       8      2
##       TrafficType       VisitorType Weekend Revenue
## 3               3 Returning_Visitor   FALSE   FALSE
## 7               3 Returning_Visitor   FALSE   FALSE
## 8               5 Returning_Visitor    TRUE   FALSE
## 17              3 Returning_Visitor   FALSE   FALSE
## 22              3 Returning_Visitor   FALSE   FALSE
## 25              1 Returning_Visitor    TRUE   FALSE
## 50              2 Returning_Visitor   FALSE   FALSE
## 51              4 Returning_Visitor    TRUE   FALSE
## 65              3 Returning_Visitor   FALSE   FALSE
## 133             3 Returning_Visitor   FALSE   FALSE
## 141             3 Returning_Visitor   FALSE   FALSE
## 182             3 Returning_Visitor   FALSE   FALSE
## 183             1 Returning_Visitor   FALSE   FALSE
## 253             1 Returning_Visitor   FALSE   FALSE
## 384             3 Returning_Visitor   FALSE   FALSE
## 533             1 Returning_Visitor   FALSE   FALSE
## 541             1 Returning_Visitor   FALSE   FALSE
## 563             1 Returning_Visitor   FALSE   FALSE
## 592             3 Returning_Visitor   FALSE   FALSE
## 639             3 Returning_Visitor   FALSE   FALSE
## NA             NA              <NA>      NA      NA
## NA.1           NA              <NA>      NA      NA
## NA.2           NA              <NA>      NA      NA
## NA.3           NA              <NA>      NA      NA
## NA.4           NA              <NA>      NA      NA
## NA.5           NA              <NA>      NA      NA
## NA.6           NA              <NA>      NA      NA
## NA.7           NA              <NA>      NA      NA
## NA.8           NA              <NA>      NA      NA
## NA.9           NA              <NA>      NA      NA
## NA.10          NA              <NA>      NA      NA
```

```
## NA.11          NA              <NA>      NA      NA
## NA.12          NA              <NA>      NA      NA
## 2047            6 Returning_Visitor   FALSE   FALSE
## 2053            3 Returning_Visitor   FALSE   FALSE
## 2062            3 Returning_Visitor   FALSE   FALSE
## NA.13          NA              <NA>      NA      NA
## 4800            6 Returning_Visitor   FALSE   FALSE
## 4916            3 Returning_Visitor   FALSE   FALSE
## 5096           20 Returning_Visitor   FALSE   FALSE
## 5097            3 Returning_Visitor   FALSE   FALSE
## 5108            1 Returning_Visitor   FALSE   FALSE
## 5125            4 Returning_Visitor   FALSE   FALSE
## 6261           13 Returning_Visitor   FALSE   FALSE
## 7211            1 Returning_Visitor   FALSE   FALSE
## 8053            2 Returning_Visitor   FALSE   FALSE
## 8637            1 Returning_Visitor   FALSE   FALSE
```

Our dataframe has 47 rows of negative values. Only 3 columns have negative data i.e. the duration of each of the different types of the pages visited by the visitor. This is absurd as the time spent on each of these pages cannot be negative.

e.) Outliers

We'll plot boxplots to visualize the outliers present in our data.

```
par(mfrow=c(3,2))
boxplot(df$Administrative, horizontal = TRUE, main = toupper("Boxplot of Administrative"), col = "blue"
boxplot(df$Administrative_Duration,horizontal = TRUE, main = toupper("Boxplot of Administrative Duratio
boxplot(df$Informational, horizontal = TRUE, main = toupper("Boxplot of Informational"), col = "violet"
boxplot(df$Informational_Duration,horizontal = TRUE, main = toupper("Boxplot of Informational Duration"
boxplot(df$ProductRelated, horizontal = TRUE, main = toupper("Boxplot of Product Related"), col = "gree
boxplot(df$ProductRelated_Duration,horizontal = TRUE, main = toupper("Boxplot of Product Related Durati
```

```r
par(mfrow=c(2,2))
boxplot(df$BounceRates, horizontal = TRUE, main = toupper("Boxplot of Bounce Rates"), col = "orange")
boxplot(df$ExitRates,horizontal = TRUE, main = toupper("Boxplot of Exit Rates"), col = "black")
boxplot(df$PageValues, horizontal = TRUE, main = toupper("Boxplot of Page Values"), col = "gray")
boxplot(df$SpecialDay, horizontal = TRUE, main = toupper("Boxplot of Special Day"), col = "purple")
```

Outliers are present on all the numeric columns. However, we'll not remove these outliers as they can be very informative about the problem at hand.

7. Tidying the Dataset

a.) Column data types

We'll change the data types of the last 8 columns which are supposed to be categorical but are listed as otherwise.

```
#Changing the data type for the last 8 columns to factor as they are categorical
cols <- c('Month' ,'OperatingSystems', 'Browser','Region','TrafficType','VisitorType','Weekend','Revenu
df[,cols] <- lapply(df[,cols] , factor)
```

```
# Checking the datatypes for each column to see if the changes have been made
columns = colnames(df)
for (column in seq(length(colnames(df)))){
    print(columns[column])
    print(class(df[, column]))
    cat('\n')
}
```

```
## [1] "Administrative"
## [1] "integer"
##
```

```
## [1] "Administrative_Duration"
## [1] "numeric"
##
## [1] "Informational"
## [1] "integer"
##
## [1] "Informational_Duration"
## [1] "numeric"
##
## [1] "ProductRelated"
## [1] "integer"
##
## [1] "ProductRelated_Duration"
## [1] "numeric"
##
## [1] "BounceRates"
## [1] "numeric"
##
## [1] "ExitRates"
## [1] "numeric"
##
## [1] "PageValues"
## [1] "numeric"
##
## [1] "SpecialDay"
## [1] "numeric"
##
## [1] "Month"
## [1] "factor"
##
## [1] "OperatingSystems"
## [1] "factor"
##
## [1] "Browser"
## [1] "factor"
##
## [1] "Region"
## [1] "factor"
##
## [1] "TrafficType"
## [1] "factor"
##
## [1] "VisitorType"
## [1] "factor"
##
## [1] "Weekend"
## [1] "factor"
##
## [1] "Revenue"
## [1] "factor"
```

Our columns now have the correct data types.

b.) Handling null values

We'll remove all the missing values as they are only 112 entries and they are not a huge part of the dataset.

```
#Removing null values
df2 <- na.omit(df)
```

```
#Checking if the null values have been removed
sum(is.na(df2))
```

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

c.) Handling duplicated rows

We'll remove all the duplicated rows as duplicates are an extreme case of nonrandom sampling, and they bias our fitted model. Including them will essentially lead to the model overfitting these datapoints.

```
#Removing duplicated rows
df3 <- df2[!duplicated(df2),]
df3
```

```
##      Administrative Administrative_Duration Informational
## 1                 0                0.000000             0
## 2                 0                0.000000             0
## 3                 0               -1.000000             0
## 4                 0                0.000000             0
## 5                 0                0.000000             0
## 6                 0                0.000000             0
## 7                 0               -1.000000             0
## 8                 1               -1.000000             0
## 9                 0                0.000000             0
## 10                0                0.000000             0
## 11                0                0.000000             0
## 12                0                0.000000             0
## 13                0                0.000000             0
## 14                0                0.000000             0
## 15                0                0.000000             0
## 16                2               53.000000             0
## 17                0               -1.000000             0
## 18                0                0.000000             0
## 19                0                0.000000             0
## 20                0                0.000000             0
## 21                0                0.000000             0
## 22                0               -1.000000             0
## 23                0                0.000000             0
## 24                0                0.000000             0
## 25                0               -1.000000             0
## 26                0                0.000000             0
## 27                4               64.600000             0
## 28                0                0.000000             0
## 29                0                0.000000             0
## 30                1                6.000000             1
```

```
## 31                0                0.000000             0
## 32                0                0.000000             0
## 33                0                0.000000             0
## 34                0                0.000000             0
## 35                0                0.000000             0
## 36                0                0.000000             0
## 37                0                0.000000             0
## 38                2               18.000000             0
## 39                0                0.000000             0
## 40                0                0.000000             0
## 41                1                9.000000             0
## 42                0                0.000000             0
## 43                0                0.000000             0
## 44                0                0.000000             0
## 45                0                0.000000             0
## 46                0                0.000000             0
## 47                0                0.000000             0
## 48                0                0.000000             0
## 49                0                0.000000             0
## 50                0               -1.000000             0
## 51                0               -1.000000             0
## 52                0                0.000000             0
## 53                0                0.000000             0
## 54                0                0.000000             0
## 55                0                0.000000             0
## 56                0                0.000000             0
## 57                0                0.000000             0
## 58                4               56.000000             2
## 59                0                0.000000             0
## 60                2               16.000000             0
## 61                0                0.000000             0
## 62                0                0.000000             0
## 63               12              279.416667             0
## 64                0                0.000000             0
## 65                0               -1.000000             0
## 66                3               87.833333             0
## 67                4               44.000000             0
## 68                0                0.000000             0
## 69                0                0.000000             0
## 70                0                0.000000             0
## 71                0                0.000000             0
## 72                0                0.000000             0
## 73                0                0.000000             0
## 74                0                0.000000             0
## 75                0                0.000000             0
## 76                0                0.000000             0
## 77               10             1005.666667             0
## 78                0                0.000000             0
## 79                0                0.000000             0
## 80                0                0.000000             0
## 81                0                0.000000             0
## 82                0                0.000000             0
## 83                0                0.000000             0
## 84                0                0.000000             0
```

```
## 85                0                0.000000             0
## 86                0                0.000000             0
## 87                0                0.000000             0
## 88                0                0.000000             0
## 89                0                0.000000             0
## 90                0                0.000000             0
## 91                2               36.000000             0
## 92                0                0.000000             0
## 93                0                0.000000             0
## 94                0                0.000000             0
## 95                0                0.000000             0
## 96                0                0.000000             0
## 97                0                0.000000             0
## 98                0                0.000000             0
## 99                0                0.000000             1
## 100               0                0.000000             0
## 101               3               18.333333             0
## 102               4               61.000000             0
## 103               0                0.000000             0
## 104               2               31.000000             1
## 105               3               58.500000             0
## 106               0                0.000000             0
## 107               0                0.000000             1
## 108               0                0.000000             0
## 109               0                0.000000             0
## 110               6              326.250000             4
## 111               0                0.000000             0
## 112               0                0.000000             0
## 113               0                0.000000             0
## 114               2               22.000000             0
## 115               0                0.000000             1
## 116               0                0.000000             0
## 117               0                0.000000             0
## 118               0                0.000000             0
## 119               0                0.000000             0
## 120               0                0.000000             0
## 121               0                0.000000             0
## 122               0                0.000000             0
## 123               0                0.000000             2
## 124               0                0.000000             0
## 125               0                0.000000             0
## 126               0                0.000000             0
## 127               0                0.000000             0
## 128               0                0.000000             0
## 129               4              462.000000             0
## 130               0                0.000000             0
## 131               0                0.000000             0
## 132               2               20.000000             0
## 133               0               -1.000000             0
## 134               0                0.000000             0
## 135               6              111.500000             0
## 136               0                0.000000             0
## 137               0                0.000000             0
## 138               0                0.000000             0
```

```
## 139              0              0.000000           0
## 140              4            103.625000           0
## 141              0             -1.000000           0
## 142              0              0.000000           0
## 143              3             19.000000           0
## 144              0              0.000000           0
## 145              0              0.000000           1
## 146              0              0.000000           0
## 147              0              0.000000           0
## 148              0              0.000000           0
## 149              0              0.000000           0
## 150              0              0.000000           0
## 151              0              0.000000           0
## 152              0              0.000000           0
## 153              0              0.000000           0
## 154              0              0.000000           0
## 155              0              0.000000           0
## 156              0              0.000000           0
## 157              0              0.000000           0
## 158              0              0.000000           0
## 160              0              0.000000           0
## 161              0              0.000000           0
## 162              2             58.000000           2
## 163              1              9.500000           0
## 164              0              0.000000           0
## 165              0              0.000000           0
## 166              0              0.000000           0
## 167              0              0.000000           0
## 168              0              0.000000           0
## 169              0              0.000000           0
## 170              0              0.000000           0
## 171              1              0.000000           0
## 172              0              0.000000           0
## 173              0              0.000000           0
## 174              0              0.000000           0
## 175              5             41.300000           0
## 176              3             87.000000           0
## 177              0              0.000000           0
## 178              1              0.000000           0
## 180              0              0.000000           0
## 181              0              0.000000           0
## 182              0             -1.000000           0
## 183              0             -1.000000           0
## 184              0              0.000000           0
## 185              0              0.000000          16
## 186              0              0.000000           0
## 187              2              9.000000           0
## 188             10            293.778205           2
## 189              9            111.500000           1
## 190              3             47.000000           1
## 191              0              0.000000           0
## 192              3           1226.000000           5
## 193              3             52.000000           0
## 194              0              0.000000           0
```

```
## 195                0                0.000000             0
## 196                0                0.000000             0
## 197                2               56.000000             1
## 198                3              112.960784             0
## 199                0                0.000000             0
## 200                3               94.000000             2
## 201                1               32.000000             0
## 202                0                0.000000             0
## 203                5              218.000000             0
## 204                0                0.000000             0
## 205                1              119.000000             0
## 206                3              281.000000             0
## 207                1               18.000000             0
## 208                2               40.000000             0
## 209                3              107.000000             0
## 210                0                0.000000             0
## 211                2               49.000000             1
## 212                0                0.000000             0
## 213                0                0.000000             0
## 214                4               57.000000             0
## 215                2                2.000000             3
## 216                2              123.000000             2
## 217                2              118.000000             0
## 218                0                0.000000             0
## 219                0                0.000000             0
## 220                0                0.000000             0
## 221                2               38.000000             0
## 222                0                0.000000             0
## 223                0                0.000000             0
## 224                1               54.000000             0
## 225                1              993.000000             0
## 226                0                0.000000             0
## 227                5               74.250000             2
## 228                0                0.000000             0
## 229                0                0.000000             0
## 230                0                0.000000             0
## 231                2               32.000000             0
## 232                6              666.833333             0
## 233                0                0.000000             0
## 234                1               73.000000             1
## 235                2              154.000000             0
## 236                3               49.333333             5
## 237                3              118.500000             0
## 238                6              153.500000             0
## 239                0                0.000000             0
## 240                0                0.000000             0
## 241                8               72.250000             1
## 242                2               24.500000             0
## 243                1                0.000000             0
## 244                0                0.000000             1
## 245                0                0.000000             0
## 246                0                0.000000             0
## 247                0                0.000000             0
## 248                1               22.000000             0
```

```
## 249              16              155.631313             0
## 250               1               21.333333             1
## 251               2              191.000000             1
## 252               0                0.000000             0
## 253               0               -1.000000             0
## 254               0                0.000000             0
## 255               0                0.000000             0
## 256               4               96.500000             0
## 257               1               13.000000             0
## 258               5             1388.750000             0
## 259               0                0.000000             0
## 260               0                0.000000             1
## 261               3               51.000000             0
## 262               0                0.000000             0
## 263               1              158.000000             1
## 264               0                0.000000             0
## 265               0                0.000000             0
## 266               0                0.000000             0
## 267               0                0.000000             0
## 268               0                0.000000             0
## 269               0                0.000000             0
## 270               0                0.000000             0
## 271               1               10.000000             0
## 272               0                0.000000             0
## 273               1               28.000000             1
## 274               4               27.000000             0
## 275               0                0.000000             0
## 276               0                0.000000             0
## 277               4               15.000000             0
## 278               0                0.000000             0
## 279               0                0.000000             0
## 280               0                0.000000             0
## 281               0                0.000000             0
## 282               0                0.000000             0
## 283              13             1249.809524             4
## 284               0                0.000000             0
## 285               2              390.000000             0
## 286               0                0.000000             0
## 287               0                0.000000             0
## 288               0                0.000000             0
## 289              11              215.523809             1
## 290               0                0.000000             0
## 291               1               11.000000             0
## 292               2               20.000000             0
## 293               0                0.000000             0
## 294               0                0.000000             0
## 295               2                8.000000             1
## 296               0                0.000000             0
## 297               0                0.000000             0
## 298               4              171.250000             0
## 299               0                0.000000             0
## 300               0                0.000000             0
## 301               5              227.333333             0
## 302               0                0.000000             0
```

```
## 303                0                0.000000             0
## 304                0                0.000000             0
## 305                0                0.000000             0
## 306                0                0.000000             1
## 307                0                0.000000             0
## 308                0                0.000000             0
## 309                0                0.000000             0
## 310                5               86.000000             0
## 311                0                0.000000             0
## 312                0                0.000000             0
## 313                2                7.000000             0
## 314                0                0.000000             1
## 315                7              186.976191             2
## 316                3              138.000000             2
## 317                0                0.000000             0
## 318                2              374.000000             0
## 319                2               61.000000             0
## 320                1               14.000000             0
## 321                1               38.000000             0
## 322                0                0.000000             0
## 323                0                0.000000             0
## 324                2               96.000000             0
## 325                6              615.250000             0
## 326                4              111.000000             0
## 327                2              147.000000             0
## 328                0                0.000000             0
## 329                3               53.166667             0
## 330                2               58.000000             0
## 331                0                0.000000             0
## 332                3               48.500000             0
## 333                1               21.000000             3
## 334                4              115.333333             0
## 335                0                0.000000             1
## 336                1                8.000000             0
## 337                1               32.285714             0
## 338                0                0.000000             0
## 339                0                0.000000             0
## 340                1               11.000000             0
## 341                0                0.000000             0
## 342                0                0.000000             0
## 343                0                0.000000             0
## 344                0                0.000000             0
## 345                0                0.000000             0
## 346                4              277.750000             0
## 347                0                0.000000             0
## 348                6              241.166667             0
## 349                3               64.000000             0
## 350                1               25.500000             0
## 351                2               64.000000             0
## 352                0                0.000000             0
## 353                8              130.000000             1
## 354                9               79.000000             1
## 355                3               84.000000             0
## 356                0                0.000000             1
```

```
## 357                0                0.000000             0
## 358                0                0.000000             0
## 359                3               41.000000             0
## 360                0                0.000000             0
## 361                0                0.000000             0
## 362                0                0.000000             0
## 363                1               14.000000             0
## 364                4               86.000000             0
## 365                0                0.000000             0
## 366                3              618.000000             0
## 367                0                0.000000             0
## 368                1               11.888889             0
## 369                5               51.500000             0
## 370                2                7.000000             0
## 371                8              269.000000             0
## 372                0                0.000000             0
## 373                2               44.500000             0
## 374                1                3.000000            14
## 375                0                0.000000             0
## 376                0                0.000000             0
## 377                4               61.000000             0
## 378                3               90.000000             0
## 379                0                0.000000             0
## 380                2              102.500000             3
## 381                0                0.000000             0
## 382                0                0.000000             0
## 383                1               17.000000             0
## 384                0               -1.000000             0
## 385                9              213.321429             5
## 386                0                0.000000             0
## 387                0                0.000000             0
## 388                0                0.000000             0
## 389                0                0.000000             0
## 390                0                0.000000             0
## 391                6               71.500000             0
## 392                0                0.000000             0
## 393                1                6.000000             0
## 394                3              304.000000             0
## 395                0                0.000000             0
## 396                7              151.000000             0
## 397                3              199.750000             0
## 398                1               13.500000             1
## 399                0                0.000000             0
## 400                7              191.200000             4
## 401                2               47.000000             0
## 402                0                0.000000             0
## 403                5              197.000000             4
## 404                3              115.125000             0
## 405                4              312.750000             0
## 406                0                0.000000             0
## 407                4              724.000000             0
## 408                0                0.000000             0
## 409                8              237.500000             4
## 410                3               66.333333             0
```

```
## 411                0                0.000000             0
## 412                2              190.000000             1
## 413                4              174.000000             1
## 414                3              227.000000             0
## 415                1               23.000000             0
## 416                0                0.000000             0
## 417                0                0.000000             2
## 418                0                0.000000             0
## 420                0                0.000000             0
## 421                1               26.000000             1
## 422                0                0.000000             0
## 423                0                0.000000             0
## 424                2               41.000000             0
## 425                4               74.000000             2
## 426                0                0.000000             0
## 427                0                0.000000             0
## 428                0                0.000000             0
## 429                0                0.000000             0
## 430                0                0.000000             0
## 431                2               74.000000             0
## 432                0                0.000000             0
## 433                2               45.000000             0
## 434                2              112.000000             0
## 435                0                0.000000             0
## 436                2               37.000000             0
## 437                0                0.000000             0
## 438                0                0.000000             0
## 439                1                5.500000             0
## 440                3               50.000000             0
## 441                0                0.000000             0
## 442                2               26.000000             0
## 443                0                0.000000             0
## 444                5              113.500000             0
## 445                0                0.000000             0
## 446                3              279.000000             0
## 447                3              228.000000             1
## 448                3               55.000000             2
## 449                6              112.500000             0
## 450                1               17.000000             0
## 451                0                0.000000             0
## 452                0                0.000000             0
## 453                0                0.000000             0
## 454                0                0.000000             0
## 455                1                8.500000             0
## 456                0                0.000000             0
## 458                0                0.000000             0
## 459                0                0.000000             0
## 460                0                0.000000             0
## 461                7              319.500000             0
## 462                0                0.000000             0
## 463                0                0.000000             1
## 464                0                0.000000             0
## 465                0                0.000000             0
## 466                5               97.500000             0
```

```
## 467              7            182.083333          0
## 468              3             97.000000          0
## 469              0              0.000000          0
## 470              3             34.833333          0
## 471              0              0.000000          3
## 472              0              0.000000          0
## 473              0              0.000000          0
## 474              0              0.000000          2
## 475              0              0.000000          0
## 476              1             77.000000          0
## 477              3            107.000000          0
## 478             10            614.166667          0
## 479             13            315.966667          1
## 480              0              0.000000          0
## 481              1              0.000000          0
## 482              0              0.000000          0
## 483              2             11.000000          0
## 485              2             47.666667          0
## 486              0              0.000000          0
## 487              0              0.000000          0
## 488              0              0.000000          0
## 489              0              0.000000          0
## 490              2             30.000000          1
## 491              0              0.000000          0
## 492              0              0.000000          0
## 493              0              0.000000          0
## 494              0              0.000000          0
## 495              2             25.000000          0
## 496              0              0.000000          0
## 497              8            359.000000          2
## 498              0              0.000000          0
## 499              5             59.000000          0
## 500              4           1347.750000          0
## 501              0              0.000000          0
## 502              0              0.000000          0
## 503             18            280.950000          6
## 504              4            100.300000          0
## 505              1             23.000000          0
## 506              6             53.380952          0
## 507              2              8.000000          0
## 508              0              0.000000          0
## 509              1              0.000000          1
## 510              0              0.000000          0
## 511             14            416.392857          6
## 512              6            573.500000          1
## 514              6            465.833333          2
## 515              0              0.000000          1
## 516              0              0.000000          0
## 517              0              0.000000          0
## 518              9             97.642857          0
## 519              0              0.000000          0
## 520              3            148.000000          0
## 521              0              0.000000          0
## 522              3             58.000000          0
```

```
## 523              0              0.000000            0
## 524              1              3.000000            0
## 525              4             97.611111            0
## 526              4             57.000000            0
## 527              2             34.000000            0
## 528              0              0.000000            0
## 529              0              0.000000            0
## 530              1              7.000000            0
## 531              2             37.500000            0
## 532              1              3.000000            0
## 533              0             -1.000000            0
## 534              0              0.000000            0
## 535              0              0.000000            0
## 536              2             22.500000            0
## 537              0              0.000000            1
## 538              0              0.000000            0
## 539              0              0.000000            0
## 540              0              0.000000            0
## 541              0             -1.000000            0
## 542              0              0.000000            0
## 543              0              0.000000            0
## 544              2             38.000000            0
## 545              6             77.000000            3
## 546              2             58.500000            2
## 547              0              0.000000            0
## 548              6             99.333333            1
## 549              3            117.000000            0
## 550              0              0.000000            0
## 551              2             16.666667            0
## 552              0              0.000000            0
## 553             12             81.500000            0
## 554              0              0.000000            0
## 556              0              0.000000            1
## 557              4             34.000000            0
## 558              4             38.500000            0
## 559              0              0.000000            0
## 560              0              0.000000            0
## 561              7            156.250000            0
## 562              3             15.000000            0
## 563              0             -1.000000            0
## 564              0              0.000000            2
## 565              0              0.000000            0
## 566              1             19.000000            0
## 567              0              0.000000            0
## 568              1              7.000000            0
## 569              0              0.000000            0
## 570              0              0.000000            0
## 571              0              0.000000            0
## 572              0              0.000000            0
## 573              0              0.000000            0
## 574              0              0.000000            0
## 575              5             67.500000            3
## 576             12            311.409091            0
## 577              0              0.000000            0
```

```
## 578              0              0.000000           0
## 579              3             14.000000           0
## 580              6            145.000000           0
## 581              0              0.000000           0
## 582              0              0.000000           1
## 583              1             43.000000           0
## 584              0              0.000000           0
## 585              4             84.000000           0
## 586              0              0.000000           0
## 587              4            120.000000           0
## 588              0              0.000000           1
## 589              0              0.000000           0
## 591              0              0.000000           0
## 592              0             -1.000000           0
## 593              0              0.000000           0
## 594              5            263.000000           0
## 595              1              0.000000           0
## 596              9             72.944444           2
## 597              0              0.000000           0
## 598              0              0.000000           0
## 599              0              0.000000           0
## 600              1             18.500000           0
## 601              6             87.333333           0
## 602              6             99.605882           0
## 603              3             63.000000           0
## 604              3             68.000000           1
## 605              0              0.000000           0
## 606              0              0.000000           0
## 607              3             68.500000           0
## 608              1            135.000000           0
## 609              0              0.000000           0
## 610              1             34.000000           0
## 611              6            176.250000          12
## 612             16            315.144986           6
## 613              6            523.214286           2
## 614              4             76.000000           0
## 615              3            118.666667           0
## 616              0              0.000000           0
## 617              8            174.500000           0
## 618              1             40.000000           0
## 619              8            201.166667           3
## 620             13            374.875000           1
## 621              4             56.000000           0
## 622              3             92.833333           0
## 623              0              0.000000           0
## 624              0              0.000000           0
## 625              1              4.000000           3
## 626              2            102.000000           0
## 627              0              0.000000           0
## 628              1             11.000000           0
## 629              0              0.000000           1
## 630              0              0.000000           0
## 631              3            187.000000           2
## 632              0              0.000000           0
```

```
## 633              4             185.000000            0
## 634              0               0.000000            0
## 635              0               0.000000            0
## 636              8             166.200000            5
## 637              0               0.000000            0
## 638              0               0.000000            0
## 639              0              -1.000000            0
## 640              2              84.000000            0
## 641              3              86.000000            0
## 642             17             754.109524            2
## 643              3              24.000000            0
## 644              0               0.000000            0
## 645              8              17.348485            0
## 646              0               0.000000            0
## 647              2              15.000000            0
## 648              0               0.000000            0
## 649              3              36.000000            1
## 650              2              34.000000            0
## 651              0               0.000000            0
## 652              0               0.000000            0
## 653              2              47.000000            0
## 654              0               0.000000            0
## 655              5              44.500000            1
## 656              6             125.500000            0
## 657              0               0.000000            0
## 658              2              42.000000            2
## 659              0               0.000000            0
## 661              0               0.000000            0
## 662              2              95.000000            0
## 663              4              56.500000            0
## 664              0               0.000000            0
## 665              0               0.000000            0
## 666              5             134.928571            2
## 667              0               0.000000            0
## 668              2              64.000000            0
## 669              3              68.000000            0
## 670              2              20.500000            0
## 671              0               0.000000            0
## 672              0               0.000000            0
## 673              3              11.333333            0
## 674              0               0.000000            0
## 675              5             504.000000            0
## 676              2              25.000000            0
## 677              2              20.000000            0
## 678              1              19.666667            0
## 679              1              13.000000            0
## 680              0               0.000000            0
## 681              0               0.000000            0
## 682              6              76.333333            0
## 683              2              45.444444            1
## 684              3              31.000000            0
## 685              0               0.000000            0
## 686              0               0.000000            0
## 687              0               0.000000            0
```

```
## 688              0              0.000000            0
## 689              0              0.000000            0
## 690              0              0.000000            4
## 691              0              0.000000            0
## 692              0              0.000000            0
## 693              8            125.166667            0
## 694              2             13.000000            0
## 695              1             72.666667            4
## 696              5            100.916667            0
## 697              7             60.000000            3
## 698              3             49.500000            1
## 699              8            466.500000            2
## 700              0              0.000000            0
## 701              0              0.000000            0
## 702              5            175.230769            0
## 703              6             96.857143            0
## 704              0              0.000000            0
## 705             19            402.185714            4
## 706              0              0.000000            0
## 707              4            178.200000            0
## 708              7            156.500000            1
## 709              5             58.000000            0
## 710              0              0.000000            0
## 711              1             43.000000            0
## 712              0              0.000000            0
## 713              0              0.000000            1
## 714              0              0.000000            0
## 715              0              0.000000            0
## 716              0              0.000000            0
## 717              2            306.000000            0
## 718              3             72.000000            1
## 719              0              0.000000            0
## 720              1            202.000000            0
## 721              0              0.000000            0
## 722              0              0.000000            0
## 723              4            359.300000            4
## 724              0              0.000000            0
## 725              0              0.000000            0
## 726              0              0.000000            0
## 727              1             39.000000            0
## 728              0              0.000000            0
## 729              0              0.000000            0
## 730              0              0.000000            0
## 731              2             41.500000            2
## 732              0              0.000000            0
## 733              0              0.000000            0
## 734              2            123.000000            0
## 735              3             42.000000            0
## 736              0              0.000000            1
## 737              0              0.000000            0
## 738              1             22.000000            0
## 739              2             95.500000            0
## 740              2             48.666667            0
## 741              5            294.700000            6
```

```
## 742              0              0.000000            0
## 743              1              0.000000            0
## 744              0              0.000000            0
## 745              0              0.000000            0
## 746              0              0.000000            0
## 747              3            125.000000            1
## 748              3             12.000000            1
## 749              1             10.500000            0
## 750              0              0.000000            0
## 751              0              0.000000            0
## 752              3             99.000000            0
## 753              6            171.083333            0
## 754              7            159.500000            0
## 755              1              5.000000            0
## 756              5            206.000000            0
## 757              2             40.000000            2
## 758              0              0.000000            0
## 759              0              0.000000            0
## 760              0              0.000000            0
## 761              6            262.250000            3
## 762              2             44.000000            0
## 763              0              0.000000            0
## 764              0              0.000000            0
## 765              0              0.000000            0
## 766              0              0.000000            0
## 767              0              0.000000            0
## 768              0              0.000000            0
## 769              2             62.500000            0
## 770             15            937.174603            3
## 771              2             48.000000            0
## 772              0              0.000000            0
## 773              6            437.391304            2
## 774              7            159.333333            0
## 776              2             32.500000            0
## 777              0              0.000000            2
## 778             11            212.741667            3
## 779              0              0.000000            0
## 780              3             16.333333            0
## 781              0              0.000000            0
## 782              0              0.000000            0
## 783              4            130.000000            0
## 784              4             15.000000            1
## 785              0              0.000000            1
## 786              0              0.000000            0
## 787              0              0.000000            0
## 788              2             44.000000            0
## 789              9            140.500000            0
## 790              0              0.000000            0
## 791              0              0.000000            0
## 792              0              0.000000            0
## 793              4             56.000000            1
## 794              3            281.000000            0
## 795              2             88.000000            0
## 796              1              0.000000            0
```

```
## 797              9             110.409091            1
## 798              0               0.000000            0
## 799              0               0.000000            0
## 800             10             316.140503            7
## 801              0               0.000000            0
## 802              2              27.000000            0
## 803              3              74.000000            2
## 804              0               0.000000            0
## 805              0               0.000000            0
## 806              0               0.000000            0
## 807              1               0.000000            1
## 808              0               0.000000            0
## 809              2             140.000000            0
## 810              3             119.000000            0
## 811              7             301.700000            6
## 812              0               0.000000            0
## 813              0               0.000000            0
## 814              0               0.000000            0
## 815              0               0.000000            0
## 816              6             113.500000            0
## 817              3             421.000000            0
## 818              2             115.000000            0
## 819              0               0.000000            2
## 820              0               0.000000            0
## 821              1               9.000000            0
## 822              0               0.000000            0
## 823              0               0.000000            0
## 824              0               0.000000            0
## 825              0               0.000000            0
## 826              0               0.000000            0
## 827              2             208.000000            1
## 828              0               0.000000            0
## 829              5             193.000000            1
## 830              1               3.000000            0
## 831              4              87.500000            1
## 832              0               0.000000            0
## 833              0               0.000000            0
## 834              5              42.181818            0
## 835              3             132.500000            0
## 836              7             163.666667            0
## 837              2              83.000000            0
## 838              5             117.833333            0
## 839              3              95.000000            0
## 840              0               0.000000            0
## 841              3              60.000000            0
## 842              0               0.000000            0
## 843              5              55.500000            0
## 844              0               0.000000            0
## 845              8             160.500000            2
## 846              4              64.333333            1
## 847              4              73.333333            0
## 848              0               0.000000            0
## 849              9             215.233333            5
## 850              4              81.500000            0
```

```
## 851                0                0.000000             1
## 852                7              201.500000             0
## 853                0                0.000000             0
## 854                8              492.416667             4
## 855                7              146.250000             0
## 856                5              156.269048             4
## 857                0                0.000000             0
## 858                4               13.619048             0
## 859                0                0.000000             0
## 860                2               14.000000             0
## 861                0                0.000000             0
## 862                0                0.000000             0
## 863                1               12.000000             0
## 864                6              352.500000             0
## 865                0                0.000000             0
## 866                0                0.000000             0
## 867                5               92.750000             1
## 868                0                0.000000             0
## 869                0                0.000000             0
## 870                3              168.000000             0
## 871                0                0.000000             0
## 872                5              179.500000             0
## 874                8              274.500000             0
## 875                3               64.500000             0
## 876                0                0.000000             0
## 877                1                4.000000             2
## 878                9              171.666667             3
## 879                0                0.000000             0
## 880                0                0.000000             0
## 881                0                0.000000             0
## 882                1                0.000000             0
## 883                9              311.916667             0
## 884                1               98.500000             0
## 885                9              867.922619             0
## 886                3              147.000000             0
## 887                2               27.000000             0
## 888                3              106.750000             0
## 889                0                0.000000             0
## 891                0                0.000000             0
## 892                1               55.000000             1
## 893                0                0.000000             0
## 894                0                0.000000             0
## 895                5              241.666667             5
## 896                0                0.000000             0
## 897                1               47.000000             0
## 898                0                0.000000             0
## 899                3               35.000000             0
## 900                0                0.000000             0
## 901                0                0.000000             0
## 902                0                0.000000             0
## 903                0                0.000000             0
## 904                0                0.000000             0
## 905                3               33.000000             2
## 906                3              152.500000             5
```

```
## 907          11          828.052632          6
## 908           0            0.000000          0
## 909           0            0.000000          0
## 910           4          162.000000          3
## 911           4          539.500000          0
## 912           0            0.000000          0
## 913           4          120.500000          0
## 914           0            0.000000          0
## 915           0            0.000000          0
## 916           1           12.000000          0
## 917          12          285.011905          0
## 918           0            0.000000          0
## 919          10          198.500000          2
## 920           4          224.000000          1
## 921           0            0.000000          0
## 922           4          162.500000          2
## 924           2           77.500000          3
## 925           6          192.500000          0
## 926           6          148.800000          4
## 927           0            0.000000          0
## 928           0            0.000000          0
## 929           0            0.000000          0
## 930           0            0.000000          0
## 931           0            0.000000          0
## 932           4         1521.000000          2
## 933          13          112.266667          0
## 934           0            0.000000          0
## 935           3          150.000000          0
## 936           0            0.000000          0
## 937           0            0.000000          0
## 938           0            0.000000          4
## 939           0            0.000000          0
## 940           4          167.500000          0
## 941           4           57.000000          1
## 942           5          345.000000          0
## 943           0            0.000000          0
## 944           0            0.000000          0
## 945          11          267.166667          0
## 946           0            0.000000          0
## 947           3          123.000000          0
## 949           3         1373.500000          0
## 950           5           29.000000          0
## 951           0            0.000000          0
## 952           0            0.000000          0
## 953           8           29.500000          0
## 954           0            0.000000          0
## 955           0            0.000000          0
## 956           5           79.333333          3
## 957           0            0.000000          0
## 958           0            0.000000          0
## 959           3           16.000000          0
## 960           0            0.000000          0
## 961           0            0.000000          0
## 962           2           33.000000          0
```

```
## 963              3            139.000000            0
## 964              2             47.000000            0
## 965              0              0.000000            0
## 966              1             54.500000            0
## 967             14            272.500000            2
## 968              0              0.000000            0
## 969              0              0.000000            0
## 970              0              0.000000            0
## 971              5            169.000000            0
## 972              4             59.250000            0
## 973              4            175.000000            0
## 974              0              0.000000            0
## 976              4            159.000000            0
## 977              0              0.000000            0
## 978              0              0.000000            0
## 979              0              0.000000            0
## 980             11            247.333333            2
## 981              0              0.000000            0
## 982              2             78.333333            0
## 983              0              0.000000            0
## 984              1             16.000000            0
## 985              1              8.000000            0
## 986              0              0.000000            0
## 987              5            267.500000            0
## 988              1             14.000000            0
## 989              0              0.000000            0
## 990              2             17.000000            0
## 991              1             12.000000            0
## 992              5            114.750000            0
## 993              0              0.000000            0
## 994              0              0.000000            0
## 995              0              0.000000            0
## 996              1             10.000000            0
## 997             10            164.500000            1
## 998              0              0.000000            0
## 999              0              0.000000            0
## 1000             0              0.000000            0
## 1001             0              0.000000            0
## 1002             4            387.500000            0
## 1003             2            123.000000            0
## 1004             4            272.500000            0
## 1005             0              0.000000            0
## 1006             0              0.000000            0
## 1007             0              0.000000            0
## 1008             0              0.000000            0
## 1009             0              0.000000            0
## 1010             4            320.500000            0
## 1011             0              0.000000            0
## 1012             2             35.000000            0
## 1013             0              0.000000            0
## 1014             0              0.000000            0
## 1015             0              0.000000            0
## 1016             2             34.000000            0
## 1017             2             47.000000            0
```

```
## 1018          2          11.000000          3
## 1019          0           0.000000          0
## 1020          3          13.000000          0
## 1021          0           0.000000          0
## 1022          2          36.000000          0
## 1023          0           0.000000          0
## 1024          0           0.000000          0
## 1025          0           0.000000          0
## 1026          3          33.000000          0
## 1027          7          97.000000          6
## 1028          0           0.000000          0
## 1029          0           0.000000          0
## 1030          1          37.000000          0
## 1031          4          55.000000          0
## 1032          0           0.000000          0
## 1033          3          26.000000          0
## 1034          0           0.000000          0
## 1036          0           0.000000          0
## 1037          2          24.500000          1
## 1038          1          24.000000          3
## 1039          0           0.000000          0
## 1040          0           0.000000          0
## 1041          1           0.000000          0
## 1042          9         122.000000          1
## 1043          1         123.000000          0
## 1044          3         308.000000          0
## 1045          0           0.000000          0
## 1046          0           0.000000          0
## 1047          0           0.000000          0
## 1048          0           0.000000          0
## 1049          0           0.000000          0
## 1050          5          72.500000          0
## 1051          1          21.000000          1
## 1052          6         233.083333          2
## 1053          0           0.000000          0
## 1054          0           0.000000          0
## 1055          4         315.000000          0
## 1056          0           0.000000          0
## 1057          0           0.000000          0
## 1058          0           0.000000          0
## 1059          6         192.500000          0
## 1060          0           0.000000          0
## 1061          0           0.000000          0
## 1062          0           0.000000          0
## 1063          0           0.000000          0
## 1064          3          43.500000          0
## 1065          4          76.000000          0
## 1067          0           0.000000          0
## 1068          2          35.000000          0
## 1069          3          13.000000          0
## 1070          6         160.095238          3
## 1071          0           0.000000          0
## 1072          0           0.000000          0
## 1073          1          45.000000          0
```

```
## 1074              4              177.166667             0
## 1075              0                0.000000             0
## 1076              0                0.000000             1
## 1077              4               43.500000             0
## 1078              0                0.000000             0
## 1079              0                0.000000             0
## 1080              0                0.000000             0
## 1081              0                0.000000             0
## 1082              0                0.000000             2
## 1083              0                0.000000             0
## 1084              0                0.000000             0
## 1085              5              159.000000             0
## 1086              0                0.000000             0
## 1087              0                0.000000             0
## 1088              0                0.000000             0
## 1089              0                0.000000             0
## 1090              1               54.000000             1
## 1091              0                0.000000             0
## 1092              2               34.000000             0
## 1093              0                0.000000             0
## 1094              0                0.000000             0
## 1095              0                0.000000             0
## 1096              3               36.000000             0
## 1097              7              196.000000             3
## 1098              1                0.000000             2
## 1099              0                0.000000             0
## 1100              0                0.000000             0
## 1101              0                0.000000             1
## 1102              2               21.000000             1
## 1103             10              231.000000             1
## 1104              0                0.000000             0
## 1105              0                0.000000             0
## 1106             15             1011.361111             2
## 1107              6               60.000000             2
## 1108              0                0.000000             0
## 1109              3               61.000000             0
## 1110              0                0.000000             0
## 1111              0                0.000000             0
## 1112              3              227.000000             0
## 1113              0                0.000000             5
## 1114              1              464.000000             0
## 1115              0                0.000000             0
## 1116              0                0.000000             3
## 1117              0                0.000000             0
## 1118              3               80.428571             0
## 1119              0                0.000000             0
## 1121              0                0.000000             0
## 1122              0                0.000000             0
## 1123              3               61.500000             0
## 1124              0                0.000000             0
## 1125              0                0.000000             0
## 1126              1               58.000000             0
## 1127              0                0.000000             0
## 1128              2              243.000000             0
```

```
## 1129          0            0.000000          0
## 1130          1            4.000000          0
## 1131          0            0.000000          0
## 1132          9          210.666667          3
## 1138          1          156.142857          0
## 1139          2            0.000000          0
## 1140          5          282.000000          0
## 1141          0            0.000000          0
## 1142          3          512.833333          2
## 1143          0            0.000000          0
## 1144          0            0.000000          0
## 1145          1          112.000000          0
## 1146          4           73.500000          0
## 1147          3          184.688889          0
## 1148          5           75.166667          0
## 1149          0            0.000000          0
## 1150          0            0.000000          0
## 1151          0            0.000000          0
## 1152          1           19.000000          0
## 1153          6          302.000000          0
## 1154          0            0.000000          0
## 1155          0            0.000000          0
## 1156          0            0.000000          0
## 1157          0            0.000000          1
## 1158         10          117.333333          0
## 1159          0            0.000000          0
## 1160          1            7.000000          0
## 1161          1            0.000000          0
## 1162          1            0.000000          0
## 1163          0            0.000000          0
## 1164          0            0.000000          1
## 1165          1           14.000000          0
## 1166          1            5.000000          0
## 1167          2          107.000000          0
## 1168          1           31.000000          3
## 1169          0            0.000000          0
## 1170          0            0.000000          0
## 1172          0            0.000000          1
## 1173          0            0.000000          0
## 1174          1            7.000000          0
## 1175          0            0.000000          0
## 1176          0            0.000000          0
## 1178          2           52.000000          1
## 1179          0            0.000000          0
## 1180          1           19.000000          0
## 1181          0            0.000000          0
## 1182          1            0.000000          0
## 1183          9          204.083333          0
## 1184          2          151.000000          0
## 1185          6           98.000000          0
## 1186          6           52.000000          1
## 1187          0            0.000000          0
## 1188          0            0.000000          0
## 1189          4          600.423077          0
```

```
## 1190          0            0.000000          0
## 1191          4          132.000000          0
## 1192          0            0.000000          0
## 1193          3           23.000000          0
## 1194          2           20.000000          0
## 1195          3           39.000000          0
## 1196          2          152.833333          0
## 1197          0            0.000000          0
## 1198          0            0.000000          0
## 1199          0            0.000000          0
## 1200          0            0.000000          0
## 1201          4           16.666667          0
## 1202          0            0.000000          0
## 1203          2          197.000000          4
## 1204          0            0.000000          0
## 1205          0            0.000000          0
## 1206          2           15.000000          0
## 1207          0            0.000000          0
## 1208          5          710.333333          0
## 1209          4           84.000000          0
## 1210          0            0.000000          0
## 1211          3          151.000000          0
## 1212          4           83.500000          0
## 1213          0            0.000000          0
## 1216          0            0.000000          0
## 1217          0            0.000000          0
## 1218          0            0.000000          0
## 1219          9          848.142857          4
## 1220          0            0.000000          0
## 1221          0            0.000000          0
## 1222          3          130.833333          1
## 1223          0            0.000000          0
## 1224          0            0.000000          0
## 1225          2           27.000000          0
## 1226          0            0.000000          0
## 1227          0            0.000000          2
## 1228          0            0.000000          0
## 1229          0            0.000000          0
## 1230          2           12.000000          0
## 1231          0            0.000000          0
## 1232         11          281.630952          0
## 1233          0            0.000000          0
## 1234          9          160.000000          0
## 1235          0            0.000000          0
## 1236          0            0.000000          0
## 1237          0            0.000000          0
## 1238          0            0.000000          0
## 1239          0            0.000000          0
## 1240          0            0.000000          0
## 1241          0            0.000000          0
## 1242          3           31.333333          0
## 1243          0            0.000000          0
## 1244          0            0.000000          0
## 1245          0            0.000000          0
```

```
## 1246              3              81.000000            1
## 1247              1               5.500000            0
## 1248              4              81.000000            0
## 1249              1              18.000000            0
## 1250              0               0.000000            0
## 1251              0               0.000000            0
## 1252              3              91.000000            2
## 1253              2              85.500000            0
## 1254              1              42.000000            2
## 1255              5              36.333333            3
## 1256              0               0.000000            0
## 1257              2              33.000000            0
## 1258              0               0.000000            0
## 1259              7             110.250000            0
## 1260              0               0.000000            0
## 1261              0               0.000000            0
## 1262              0               0.000000            0
## 1263              2              27.000000            1
## 1264              0               0.000000            0
## 1265              4             155.500000            0
## 1266              0               0.000000            0
## 1267              0               0.000000            0
## 1268              5             487.500000            0
## 1269              0               0.000000            3
## 1270              0               0.000000            0
## 1271              0               0.000000            0
## 1272              0               0.000000            0
## 1273              5             376.800000            3
## 1274              4             985.500000            4
## 1275              0               0.000000            0
## 1276              0               0.000000            0
## 1277              7             606.000000            1
## 1278             11            1640.590909            0
## 1279              1               0.000000            0
## 1280              0               0.000000            0
## 1281              2              63.000000            0
## 1282             11             228.027778            1
## 1283              0               0.000000            0
## 1284              6             136.555556            0
## 1285              3              76.000000            0
## 1286              0               0.000000            0
## 1287              0               0.000000            0
## 1288              2              11.000000            0
## 1289              1               0.000000            0
## 1290              0               0.000000            0
## 1291              0               0.000000            0
## 1293              0               0.000000            0
## 1294              0               0.000000            0
## 1295              1               1.333333            0
## 1296              0               0.000000            0
## 1297              0               0.000000            0
## 1298              0               0.000000            0
## 1299              0               0.000000            1
## 1300              0               0.000000            0
```

```
## 1301              0              0.000000            0
## 1302              5            310.000000            1
## 1303              5           1417.500000            0
## 1304              3            960.000000            0
## 1305              2             18.000000            0
## 1306              0              0.000000            0
## 1307              2             52.000000            0
## 1308              0              0.000000            0
## 1309              0              0.000000            0
## 1310              0              0.000000            0
## 1311              2             18.333333            0
## 1312              5            106.000000            0
## 1313              6             91.888889            0
## 1314              3             18.000000            0
## 1315              2             36.000000            0
## 1316              0              0.000000            1
## 1317              2             17.000000            0
## 1318              0              0.000000            0
## 1319              7            139.500000            0
## 1320              0              0.000000            0
## 1321              4            178.000000            2
## 1322              3            180.000000            0
## 1323              2            107.333333            0
## 1324              4             52.000000            1
## 1325              2            211.000000            1
## 1327              0              0.000000            2
## 1328              1              4.000000            0
## 1329              1             69.000000            0
## 1330              4            183.250000            1
## 1331              2             55.000000            0
## 1332              0              0.000000            0
## 1333              0              0.000000            0
## 1334              0              0.000000            0
## 1335              0              0.000000            1
## 1336              1              3.000000            2
## 1337              1            613.666667            0
## 1338              0              0.000000            0
## 1339              0              0.000000            0
## 1340              2             11.923077            2
## 1341              1              0.000000            0
## 1342              1              8.000000            1
## 1343              1              7.000000            7
## 1344              2            102.000000            0
## 1345              0              0.000000            0
## 1346              1              7.000000            0
## 1347              3           1499.571429            1
## 1348              0              0.000000            0
## 1349              0              0.000000            0
## 1350              1              0.000000            0
## 1351              1             74.000000            0
## 1352              2           1223.000000            4
## 1353              0              0.000000            0
## 1354              4            206.333333            0
## 1355              3             67.000000            0
```

```
## 1356          0            0.000000          0
## 1358          3          242.000000          0
## 1359          0            0.000000          0
## 1360          7          217.833333          1
## 1361          0            0.000000          0
## 1362          2          136.666667          1
## 1363         12          739.209195          1
## 1364          0            0.000000          0
## 1365          0            0.000000          0
## 1366          4           33.000000          0
## 1368          3           14.000000          0
## 1369          4           68.500000          2
## 1370          5           91.833333          0
## 1371          1           31.000000          0
## 1372          0            0.000000          0
## 1373          2           58.000000          0
## 1374          0            0.000000          0
## 1375          0            0.000000          0
## 1376          0            0.000000          0
## 1377          0            0.000000          0
## 1378          5           89.750000          0
## 1379          1            9.500000          0
## 1380          9          165.500000          0
## 1381          0            0.000000          0
## 1383          0            0.000000          0
## 1384          0            0.000000          0
## 1385          3           57.000000          0
## 1386          0            0.000000          1
## 1387          1           13.000000          0
## 1388          3           63.000000          0
## 1389          3          134.000000          0
## 1390          0            0.000000          0
## 1392          0            0.000000          0
## 1393          2           34.000000          0
## 1394          4           67.071429          0
## 1396          0            0.000000          0
## 1397          0            0.000000          0
## 1398          8           87.500000          0
## 1399          1           22.000000          0
## 1400          0            0.000000          0
## 1401          0            0.000000          0
## 1402          1           17.500000          0
## 1403          0            0.000000          0
## 1404          0            0.000000          0
## 1405          1           14.000000          0
## 1406          5           69.333333          1
## 1407          2          148.000000          0
## 1408          1           85.000000          4
## 1409          0            0.000000          0
## 1410          0            0.000000          0
## 1411          4          103.000000          1
## 1412          0            0.000000          0
## 1413          0            0.000000          0
## 1414          2           33.000000          0
```

```
## 1415          1          69.500000          0
## 1416          0           0.000000          0
## 1417          7          77.500000          0
## 1418          4         171.000000          0
## 1419          2          94.000000          0
## 1420          0           0.000000          0
## 1421          7          64.142857          1
## 1422          0           0.000000          0
## 1423          0           0.000000          0
## 1424          4         143.000000          1
## 1425          1          26.000000          0
## 1426          3         221.000000          0
## 1427          1          10.000000          0
## 1428          4         118.000000          3
## 1429          1           0.000000          0
## 1430          1          38.000000          0
## 1431          0           0.000000          0
## 1432          3         124.000000          0
## 1433          0           0.000000          0
## 1434          2         117.000000          0
## 1435          0           0.000000          0
## 1436          2          75.000000          0
## 1438          0           0.000000          0
## 1439          0           0.000000          0
## 1440          2          94.000000          0
## 1441          3         219.000000          0
## 1442          2          45.000000          0
## 1443          3          60.833333          0
## 1444          0           0.000000          0
## 1445          0           0.000000          3
## 1446          2          14.000000          0
## 1447          0           0.000000          0
## 1448          0           0.000000          0
## 1449          8         182.648052          6
## 1450          8         154.291667          0
## 1451          0           0.000000          0
## 1452          0           0.000000          0
## 1453          0           0.000000          0
## 1455          0           0.000000          0
## 1456          0           0.000000          0
## 1457          0           0.000000          0
## 1458          2          17.000000          1
## 1459          2          32.000000          1
## 1460          0           0.000000          0
## 1461          0           0.000000          1
## 1462          5         108.200000          0
## 1463          0           0.000000          0
## 1464         10        1559.750000          1
## 1465          5         249.166667          0
## 1466          2          37.000000          0
## 1467          1           0.000000          1
## 1468          0           0.000000          0
## 1469          5          65.000000          2
## 1470          0           0.000000          0
```

```
## 1471          6          143.166667          0
## 1472          4           66.333333          2
## 1473          4           14.000000          0
## 1478          0            0.000000          0
## 1479          0            0.000000          0
## 1480          5          102.533333          0
## 1481          0            0.000000          0
## 1482          0            0.000000          0
## 1483          1           85.000000          0
## 1484          0            0.000000          0
## 1485          6          197.800000          0
## 1486          1           63.000000          1
## 1487          3           31.500000          0
## 1488          7           81.250000          0
## 1489          0            0.000000          0
## 1490          2          120.000000          0
## 1491          4          149.250000          0
## 1492          5          172.200000          0
## 1493          5          523.916667          2
## 1494          0            0.000000          0
## 1495          1           19.000000          0
## 1496         11          377.833333          0
## 1497          4          129.416667          3
## 1498          9          298.666667          0
## 1499          0            0.000000          0
## 1500          0            0.000000          0
## 1501          3           59.000000          0
## 1502          0            0.000000          0
## 1503          0            0.000000          0
## 1504          0            0.000000          0
## 1505          1            5.000000          0
## 1506          0            0.000000          0
## 1507          0            0.000000          0
## 1508          0            0.000000          0
## 1509          0            0.000000          0
## 1510         24          876.233333          5
## 1511          1           95.500000          0
## 1512          6          129.750000          0
## 1513          6          408.200000          0
## 1514          0            0.000000          1
## 1515          0            0.000000          0
## 1517          2           24.428571          7
## 1518          4           52.333333          1
## 1519          0            0.000000          0
## 1520         10          382.833333          4
## 1521          0            0.000000          1
## 1522          0            0.000000          0
## 1523          0            0.000000          0
## 1524          1           27.500000          0
## 1525          6          475.000000          0
## 1526          2            6.000000          0
## 1527          2          210.000000          0
## 1528          2           31.500000          0
## 1529          5           46.000000          1
```

```
## 1530              9              546.000000             0
## 1531              1               47.500000             0
## 1532              0                0.000000             0
## 1533              0                0.000000             0
## 1534              3               48.333333             0
## 1535              0                0.000000             0
## 1536              3               28.500000             0
## 1537              0                0.000000             0
## 1538              1               30.000000             0
## 1539              2               16.000000             0
## 1540              0                0.000000             0
## 1541              0                0.000000             0
## 1542              0                0.000000             0
## 1543              1               10.000000             1
## 1544              3               79.000000             0
## 1545              2               18.000000             0
## 1546              7              250.333333             0
## 1547              2               77.000000             0
## 1548              2               12.000000             0
## 1549              6               77.333333             1
## 1550              0                0.000000             0
## 1551              0                0.000000             0
## 1552              0                0.000000             0
## 1553              4               63.333333             0
## 1554              0                0.000000             0
## 1555              7              108.666667             6
## 1556              0                0.000000             0
## 1557              7              230.166667             3
## 1558              1                3.000000             0
## 1559              0                0.000000             0
## 1560              0                0.000000             0
## 1561              0                0.000000             0
## 1562              2               15.000000             0
## 1563              0                0.000000             0
## 1564              0                0.000000             0
## 1565              1               18.000000             4
## 1566              1                5.500000             1
## 1567              0                0.000000             0
## 1568              0                0.000000             0
## 1569              0                0.000000             0
## 1570              0                0.000000             0
## 1571              3               79.750000             0
## 1572              2               60.000000             0
## 1573             11             2047.234848             9
## 1575              3               14.500000             0
## 1576              1               11.428571             0
## 1577              0                0.000000             0
## 1578              3               32.000000             0
## 1579              0                0.000000             0
## 1580             11              348.654762             1
## 1581              0                0.000000             0
## 1582              0                0.000000             0
## 1583              7              187.833333             0
## 1584              1                9.000000             0
```

```
## 1585          5          184.333333          1
## 1586          0            0.000000          0
## 1587          2           66.000000          1
## 1588          0            0.000000          0
## 1589          0            0.000000          0
## 1590          2          124.000000          0
## 1591          0            0.000000          0
## 1592          2           69.000000          2
## 1593          1           41.000000          0
## 1594          2           14.000000          0
## 1595          0            0.000000          0
## 1596          0            0.000000          0
## 1597          0            0.000000          0
## 1598          1           24.000000          1
## 1599          0            0.000000          0
## 1600          0            0.000000          0
## 1601          1            6.000000          0
## 1602          0            0.000000          0
## 1603          1          412.000000          0
## 1604          0            0.000000          0
## 1605          0            0.000000          0
## 1606         14         1130.502941          6
## 1607          0            0.000000          0
## 1608          0            0.000000          0
## 1610          0            0.000000          3
## 1611          0            0.000000          0
## 1612          5          132.466667          0
## 1613          0            0.000000          0
## 1614          0            0.000000          0
## 1615          0            0.000000          0
## 1616          1            4.000000          0
## 1617          0            0.000000          0
## 1618          4           82.000000          0
## 1619          0            0.000000          0
## 1620          0            0.000000          0
## 1621          5           73.500000          0
## 1622          0            0.000000          0
## 1623          4           25.500000          0
## 1624          2          236.000000          0
## 1625          0            0.000000          0
## 1626          0            0.000000          0
## 1627          4          158.333333          1
## 1628          0            0.000000          0
## 1629          6          187.000000          0
## 1630          8          206.000000          3
## 1631          1           41.000000          0
## 1632          0            0.000000          0
## 1633          0            0.000000          0
## 1634          0            0.000000          0
## 1635          0            0.000000          0
## 1636          7          170.000000          0
## 1637          2            9.000000          1
## 1638          0            0.000000          0
## 1639          0            0.000000          0
```

```
## 1640              1              87.000000            3
## 1641              0               0.000000            0
## 1642              0               0.000000            0
## 1643              0               0.000000            0
## 1644              5             217.666667            0
## 1645              8             699.166667            0
## 1646              1               9.000000            0
## 1647              8             227.532692            3
## 1648              2              78.000000            0
## 1649              0               0.000000            0
## 1650              1               4.750000            2
## 1651              6             101.333333            0
## 1652              0               0.000000            0
## 1653              1               7.000000            2
## 1654              0               0.000000            0
## 1655              3              14.500000            2
## 1656              1               9.000000            0
## 1657              2              60.000000            0
## 1658              0               0.000000            0
## 1659              1               3.000000            0
## 1660              0               0.000000            0
## 1661              0               0.000000            0
## 1662              1              54.000000            0
## 1663              0               0.000000            0
## 1664              0               0.000000            0
## 1665              6             190.285714            6
## 1666              2              15.666667            0
## 1667              8             183.000000            4
## 1668              1              14.000000            0
## 1669              0               0.000000            0
## 1670              5             248.500000            0
## 1671              0               0.000000            0
## 1672              1              25.000000            0
## 1673              2              21.000000            0
## 1674              0               0.000000            0
## 1675              0               0.000000            0
## 1676              1             146.000000            0
## 1677              0               0.000000            1
## 1678              5             274.333333            0
## 1679             14            1155.666667            0
## 1680              0               0.000000            0
## 1681              0               0.000000            0
## 1682              6             355.500000            0
## 1683              3              35.000000            0
## 1684              0               0.000000            0
## 1685              6              99.000000            1
## 1686              0               0.000000            6
## 1687              0               0.000000            0
## 1688              2              21.000000            0
## 1689              0               0.000000            0
## 1690              0               0.000000            0
## 1691              4              74.000000            0
## 1692              0               0.000000            1
## 1693              0               0.000000            0
```

```
## 1694          0            0.000000          0
## 1695          2           66.000000          0
## 1696          0            0.000000          0
## 1697          1           24.000000          0
## 1699          5           32.000000          2
## 1700          3           78.000000          0
## 1701          0            0.000000          0
## 1702          0            0.000000          0
## 1703          0            0.000000          0
## 1704          1          102.500000          0
## 1705          4          103.000000          0
## 1706          2           52.000000          0
## 1707          0            0.000000          0
## 1708          4          352.000000          0
## 1709          0            0.000000          0
## 1710          5          120.000000          1
## 1711          9          162.050000          0
## 1712          1           26.000000          1
## 1713          0            0.000000          0
## 1714          0            0.000000          0
## 1715          0            0.000000          0
## 1716          0            0.000000          0
## 1717          0            0.000000          0
## 1718          0            0.000000          0
## 1719          0            0.000000          0
## 1720          1            6.000000          0
## 1721          0            0.000000          0
## 1722          0            0.000000          0
## 1723          6           45.833333          2
## 1724          0            0.000000          0
## 1725          2           77.500000          0
## 1726          0            0.000000          0
## 1727          4          136.000000          0
## 1728          0            0.000000          0
## 1729          2           76.000000          0
## 1730          0            0.000000          0
## 1731          0            0.000000          0
## 1732          3          275.000000          1
## 1733          7          161.000000          3
## 1734          3          206.666667          0
## 1735          0            0.000000          0
## 1736          2           28.000000          0
## 1737          0            0.000000          0
## 1738          0            0.000000          0
## 1739          2           24.000000          0
## 1740          5          238.375000          0
## 1741          0            0.000000          0
## 1742          0            0.000000          0
## 1743          0            0.000000          0
## 1744          1            4.000000          2
## 1745          0            0.000000          0
## 1746          0            0.000000          0
## 1747          0            0.000000          0
## 1748          7          213.391667          0
```

```
## 1749              0                0.000000             0
## 1750              0                0.000000             0
## 1751              0                0.000000             0
## 1752              7              156.000000             0
## 1753              0                0.000000             0
## 1754              5               84.250000             0
## 1755              0                0.000000             0
## 1756              4              135.000000             0
## 1757              0                0.000000             0
## 1758              0                0.000000             0
## 1759              3               43.000000             0
## 1760              0                0.000000             0
## 1761              0                0.000000             0
## 1762              8              377.512820             3
## 1763              6              137.000000             0
## 1764              0                0.000000             0
## 1765              0                0.000000             0
## 1766              2               37.000000             0
## 1767              0                0.000000             0
## 1768              0                0.000000             0
## 1769              0                0.000000             0
## 1770              1               14.000000             1
## 1771              0                0.000000             0
## 1772              0                0.000000             1
## 1773              0                0.000000             0
## 1774              6              155.000000             0
## 1775              3               42.600000             2
## 1777              3               62.000000             2
## 1778              4               55.750000             0
## 1779              0                0.000000             0
## 1780              2               26.000000             0
## 1781              3               79.000000             0
## 1782              0                0.000000             0
## 1783              8              429.333333             1
## 1784              6              111.000000             0
## 1785              0                0.000000             0
## 1786              0                0.000000             0
## 1787              1               40.000000             5
## 1788              3               73.000000             0
## 1789              0                0.000000             0
## 1790              4               40.000000             2
## 1791              2               11.000000             0
## 1792              0                0.000000             0
## 1793              0                0.000000             0
## 1794              6               55.000000             1
## 1795              0                0.000000             0
## 1796              0                0.000000             0
## 1797              8              167.000000             3
## 1798              0                0.000000             0
## 1799              6              139.000000             0
## 1800              0                0.000000             0
## 1801              2               22.000000             1
## 1802              2              134.000000             0
## 1803              3               39.000000             0
```

```
## 1804              0                0.000000             2
## 1806              2              110.000000             0
## 1807              0                0.000000             0
## 1808              2               43.000000             0
## 1809              0                0.000000             0
## 1810              4              485.333333             2
## 1811              1              100.000000             2
## 1812              0                0.000000             0
## 1813              4               70.500000             0
## 1814              0                0.000000             0
## 1815              0                0.000000             0
## 1816              2               10.000000             2
## 1817              3              160.500000             0
## 1818              0                0.000000             0
## 1819              0                0.000000             0
## 1820              0                0.000000             0
## 1821              0                0.000000             1
## 1822              0                0.000000             0
## 1823              5             1283.000000             3
## 1824              7               63.500000             5
## 1825              2               24.600000             0
## 1826              3               22.833333             0
## 1827             12              187.277778             3
## 1828              2               98.250000             0
## 1829              0                0.000000             0
## 1830              3               23.000000             0
## 1831              0                0.000000             0
## 1832              0                0.000000             0
## 1833              0                0.000000             0
## 1834              2               89.000000             3
## 1835              1               45.000000             0
## 1836              3               31.600000             0
## 1837              0                0.000000             0
## 1838              3              648.000000             4
## 1839              0                0.000000             0
## 1841              3               18.750000             0
## 1842              0                0.000000             0
## 1843              2               28.000000             2
## 1844              0                0.000000             0
## 1845              0                0.000000             0
## 1846              4              197.000000             1
## 1847              7              211.500000             0
## 1848              0                0.000000             0
## 1849              0                0.000000             0
## 1850              5              494.166667             0
## 1851              0                0.000000             0
## 1852             10              511.500000             4
## 1853              3               58.066667             0
## 1854              0                0.000000             0
## 1855              2              125.500000             0
## 1856              8              387.600000             3
## 1857              5              143.833333             1
## 1858              1                6.000000             0
## 1859              1               11.500000             0
```

```
## 1860              0                0.000000             0
## 1861              5              141.000000             0
## 1862              2              135.000000             1
## 1863              0                0.000000             0
## 1864              0                0.000000             0
## 1865              4               48.000000             0
## 1866              8               57.062500             3
## 1868              2                6.000000             1
## 1869              0                0.000000             0
## 1870              2                7.000000             0
## 1871              4               63.000000             0
## 1872              0                0.000000             0
## 1873              1               40.000000             0
## 1874              5               28.000000             0
## 1875              1               12.833333             3
## 1876              0                0.000000             1
## 1877              4              179.607143             2
## 1878              0                0.000000             0
## 1879              6              135.650000             0
## 1880              0                0.000000             0
## 1881              4               62.500000             1
## 1882              1               30.000000             0
## 1883              0                0.000000             0
## 1884              2               21.000000             0
## 1885              0                0.000000             0
## 1886              4               56.000000             0
## 1887              0                0.000000             0
## 1888              0                0.000000             0
## 1889              3               40.000000             0
## 1890              0                0.000000             0
## 1891              3               36.000000             1
## 1892              4               45.333333             0
## 1893              3               39.600000             0
## 1894              0                0.000000             0
## 1895              2               35.000000             0
## 1896              6              228.000000             5
## 1897              0                0.000000             0
## 1898              0                0.000000             0
## 1899              1               34.000000             2
## 1900              0                0.000000             0
## 1901              9              309.000000             0
## 1902             13              456.988095             3
## 1903              0                0.000000             0
## 1904              5               78.500000             1
## 1905              1               75.000000             4
## 1906              4               99.500000             0
## 1907              1               28.000000             0
## 1908              0                0.000000             0
## 1909              0                0.000000             0
## 1910              0                0.000000             0
## 1911              0                0.000000             0
## 1912              4               64.000000             0
## 1913              2               37.000000             0
## 1914              6              163.666667            10
```

```
## 1915              5              333.000000             2
## 1916              0                0.000000             0
## 1917              0                0.000000             0
## 1918              1               51.000000             2
## 1919              1               44.000000             0
## 1920              5              825.000000             0
## 1921              3               44.000000             0
## 1922              4              203.833333             0
## 1923              0                0.000000             0
## 1924              8              195.316667             0
## 1925              0                0.000000             0
## 1927              0                0.000000             0
## 1928              0                0.000000             0
## 1929              2                9.500000             0
## 1930              0                0.000000             0
## 1931              0                0.000000             0
## 1932              0                0.000000             0
## 1933              0                0.000000             0
## 1935              0                0.000000             0
## 1936              9               74.333333             1
## 1937              1                7.000000             1
## 1938              1               13.000000             0
## 1939              1                0.000000             0
## 1940              4               55.500000             0
## 1941              2               80.666667             0
## 1942              0                0.000000             0
## 1943              7              156.716667             0
## 1944              0                0.000000             0
## 1945              3              172.000000             0
## 1946              0                0.000000             0
## 1947              5              146.000000             0
## 1948              3               13.000000             0
## 1949              0                0.000000             0
## 1951              0                0.000000             0
## 1952              1               11.000000             0
## 1953              3               42.000000             0
## 1954              3               33.000000             0
## 1955              0                0.000000             0
## 1956              0                0.000000             1
## 1957              1               38.000000             0
## 1958              9              324.300000             4
## 1959              5              413.500000             0
## 1960              0                0.000000             2
## 1961              5               55.500000             0
## 1962              0                0.000000             0
## 1963              0                0.000000             0
## 1964              7               75.050000             0
## 1965              3               43.000000             0
## 1966              0                0.000000             0
## 1967              0                0.000000             0
## 1968              0                0.000000             0
## 1969              0                0.000000             0
## 1970              0                0.000000             0
## 1971              2               77.000000             0
```

```
## 1972          1          29.000000          1
## 1973          3          78.000000          0
## 1974          3          52.000000          0
## 1975          0           0.000000          0
## 1976          8         354.833333          1
## 1977          0           0.000000          0
## 1978          0           0.000000          1
## 1979          0           0.000000          0
## 1980          7         169.500000          0
## 1981          0           0.000000          0
## 1982          0           0.000000          0
## 1983          6         104.000000          1
## 1984          2           4.000000          0
## 1985          9          81.000000          0
## 1986          1           0.000000          0
## 1987          0           0.000000          1
## 1988          0           0.000000          0
## 1989         12         765.666667          0
## 1990         13         214.882353          0
## 1991          1         143.000000          4
## 1992          0           0.000000          0
## 1993          2          15.500000          0
## 1994          0           0.000000          0
## 1995          2          42.000000          0
## 1996          0           0.000000          0
## 1997          1         702.000000          0
## 1998          4          22.500000          0
## 1999          1          14.000000          0
## 2000          3         188.000000          0
## 2001          8         352.242857          6
## 2002          4          73.750000          1
## 2003          0           0.000000          0
## 2004          0           0.000000          0
## 2005          1          95.000000          0
## 2006          0           0.000000          0
## 2007          6         145.000000          6
## 2008          0           0.000000          0
## 2009          3         221.500000          4
## 2010          0           0.000000          0
## 2011          4          82.500000          3
## 2012          6          92.000000          3
## 2013          9         183.500000          2
## 2014          0           0.000000          0
## 2015          2          36.000000          0
## 2016          8         139.681818          8
## 2017          4          50.500000          3
## 2018          9         124.125000          0
## 2019          0           0.000000          0
## 2020          0           0.000000          0
## 2021          1           5.000000          0
## 2022          0           0.000000          1
## 2023          2          47.500000          0
## 2024          0           0.000000          0
## 2025          0           0.000000          0
```

```
## 2026          0            0.000000          0
## 2027          0            0.000000          0
## 2028          4           55.325758          0
## 2029          0            0.000000          0
## 2030          0            0.000000          0
## 2031          1          185.000000          6
## 2032         13          241.766667          0
## 2033          5          145.500000          0
## 2034          2          160.000000          0
## 2035          2           28.666667          0
## 2036          0            0.000000          0
## 2037          6          253.000000          0
## 2041          2          220.333333          1
## 2042          7          445.333333          1
## 2043          2           50.000000          0
## 2044          0            0.000000          0
## 2045          5           76.000000          0
## 2046         13          654.775000          8
## 2047          0           -1.000000          0
## 2048          0            0.000000          0
## 2049          0            0.000000          0
## 2050          0            0.000000          0
## 2051          0            0.000000          0
## 2052          5           87.000000          0
## 2053          0           -1.000000          0
## 2054          2           17.000000          0
## 2055          0            0.000000          0
## 2056          0            0.000000          0
## 2059          3           96.000000          0
## 2060          0            0.000000          0
## 2061          0            0.000000          0
## 2062          0           -1.000000          0
## 2063          4           35.125000          0
## 2064          4           71.500000          0
## 2065          9          222.500000          2
## 2066          4          200.833333          0
## 2067          2           33.500000          1
## 2068          0            0.000000          0
## 2069          0            0.000000          0
## 2070          7          120.500000          0
## 2071          5          243.666667          1
## 2072          5           53.000000          1
## 2073          0            0.000000          0
## 2074          4          148.500000          1
## 2075          0            0.000000          0
## 2076          0            0.000000          1
## 2077          1            6.000000          0
## 2078          2           26.000000          0
## 2079          1            6.000000          0
## 2080          5          129.500000          0
## 2081          3          223.000000          1
## 2082          0            0.000000          0
## 2083          0            0.000000          0
## 2084          0            0.000000          0
```

```
## 2085          1            5.000000          0
## 2086          2           91.000000          3
## 2087          1           78.000000          0
## 2088          0            0.000000          0
## 2089          0            0.000000          0
## 2090          0            0.000000          0
## 2091          3           46.500000          0
## 2092          0            0.000000          0
## 2093          0            0.000000          0
## 2094          2          254.000000          1
## 2095          0            0.000000          0
## 2096          0            0.000000          0
## 2097          0            0.000000          0
## 2098          0            0.000000          0
## 2099          5           85.666667          0
## 2100          3          154.500000          0
## 2101          0            0.000000          0
## 2102          0            0.000000          0
## 2103          0            0.000000          0
## 2104          7          598.000000          3
## 2105          0            0.000000          0
## 2106          1            3.000000          0
## 2107          0            0.000000          0
## 2108          1            7.000000          0
## 2109          0            0.000000          0
## 2110          3          226.954545          0
## 2111          6           97.882353          2
## 2112          4          515.600000          0
## 2113          1          397.500000          3
## 2114          2           16.500000          0
## 2115          2           30.000000          0
## 2116          6           60.000000          1
## 2117          0            0.000000          0
## 2118          0            0.000000          0
## 2119          1           22.750000          0
## 2120          0            0.000000          0
## 2121          4           46.500000          0
## 2122          0            0.000000          0
## 2123          3           27.000000          0
## 2124          3           23.000000          0
## 2125          0            0.000000          0
## 2126          3           62.000000          0
## 2127          2          102.000000          0
## 2128          0            0.000000          0
## 2129          3           61.000000          0
## 2130          0            0.000000          0
## 2131          0            0.000000          0
## 2132          0            0.000000          0
## 2133          7          238.466667          7
## 2134          1           92.000000          0
## 2135          0            0.000000          0
## 2136          0            0.000000          0
## 2137          0            0.000000          0
## 2138          0            0.000000          0
```

```
## 2139              0                0.000000             0
## 2140              0                0.000000             0
## 2141              9              175.933333             0
## 2142              0                0.000000             0
## 2143              0                0.000000             0
## 2144              4               47.000000             0
## 2145              4               92.000000             0
## 2146              1                4.000000             0
## 2147              0                0.000000             0
## 2148              0                0.000000             0
## 2149              0                0.000000             0
## 2150              0                0.000000             0
## 2151              2              675.333333             0
## 2152              0                0.000000             0
## 2153              2               37.000000             1
## 2154              2              129.000000             0
## 2155              0                0.000000             0
## 2156              0                0.000000             0
## 2157              0                0.000000             0
## 2158              0                0.000000             0
## 2159              0                0.000000             0
## 2160              0                0.000000             0
## 2161              2              144.000000             0
## 2162              1                6.000000             0
## 2163              0                0.000000             0
## 2164              1                0.000000             0
## 2165              7               89.500000             0
## 2166              3               91.750000             0
## 2167              0                0.000000             0
## 2168              1               81.000000             0
## 2169              0                0.000000             0
## 2170              3              296.000000             0
## 2171              0                0.000000             0
## 2172              0                0.000000             0
## 2173              0                0.000000             0
## 2174              3              269.166667             0
## 2175              3              168.750000             0
## 2176              0                0.000000             0
## 2177              0                0.000000             0
## 2178              0                0.000000             0
## 2179              3              430.833333             1
## 2180              0                0.000000             0
## 2181              0                0.000000             0
## 2182              7              150.500000             0
## 2183              0                0.000000             0
## 2184              0                0.000000             0
## 2185              2               53.000000             0
## 2186              3              102.000000             2
## 2187              5               47.500000             0
## 2188              0                0.000000             0
## 2189              5              724.500000             0
## 2190              0                0.000000             0
## 2191              0                0.000000             1
## 2192              1                7.500000             0
```

```
## 2193          1          28.000000          4
## 2194          4         130.500000          2
## 2195          0           0.000000          0
## 2196          0           0.000000          0
## 2197          0           0.000000          0
## 2198          0           0.000000          0
## 2199          0           0.000000          0
## 2200          2          96.000000          0
## 2201          7         228.125000          0
## 2202          7         133.166667          2
## 2203          9         357.250000          3
## 2204          0           0.000000          3
## 2205          3          14.000000          0
## 2206          1           6.000000          0
## 2207          0           0.000000          0
## 2208          0           0.000000          0
## 2209          2         418.666667          0
## 2210          6         335.119048          1
## 2211          0           0.000000          0
## 2212          0           0.000000          0
## 2213          1          10.000000          0
## 2214          9         329.297619          1
## 2215          6          91.984848          3
## 2216          2          47.000000          0
## 2217          6         153.275000          3
## 2218          4          86.000000          0
## 2219          0           0.000000          0
## 2220          6          89.000000          3
## 2221          0           0.000000          0
## 2222          2           2.000000          0
## 2223          0           0.000000          0
## 2224          0           0.000000          0
## 2225          1           0.000000          0
## 2226          0           0.000000          2
## 2227          2          48.000000          0
## 2228         10         527.000000          3
## 2229          1         135.500000          0
## 2230          0           0.000000          0
## 2231          3         133.500000          4
## 2232          7         186.100000          0
## 2233          0           0.000000          0
## 2234          0           0.000000          0
## 2235          5          69.000000          4
## 2237          0           0.000000          0
## 2238          0           0.000000          0
## 2239          4          91.000000          1
## 2240          0           0.000000          0
## 2241          0           0.000000          0
## 2242          0           0.000000          0
## 2243          5          43.400000          0
## 2244          4          32.666667          0
## 2245          6          86.200000          0
## 2246          0           0.000000          1
## 2247          1         299.000000          0
```

```
## 2248          10          295.694056          0
## 2249           2           14.500000          0
## 2250           1           41.000000          4
## 2251           0            0.000000          0
## 2252           0            0.000000          1
## 2253           0            0.000000          0
## 2254           3          177.000000          0
## 2255           3           77.000000          5
## 2256           5          187.266667          2
## 2257           5          587.000000          0
## 2258           3           76.500000          2
## 2259           1           35.000000          1
## 2260           0            0.000000          2
## 2261           1            7.000000          1
## 2262           0            0.000000          0
## 2263          15          161.764411          7
## 2264           0            0.000000          0
## 2265           0            0.000000          0
## 2266           1            5.000000          0
## 2267           0            0.000000          0
## 2268           1           25.000000          0
## 2269           0            0.000000          1
## 2270           2           36.500000          0
## 2271           2          145.000000          0
## 2272           1           13.000000          0
## 2273           0            0.000000          0
## 2274           0            0.000000          6
## 2275           3           80.000000          0
## 2276           7           75.846154          4
## 2277           0            0.000000          0
## 2278           7          164.500000          0
## 2279           4          309.000000          0
## 2280           0            0.000000          1
## 2281           3           47.000000          0
## 2282           0            0.000000          1
## 2283           0            0.000000          0
## 2284           0            0.000000          0
## 2285          12          240.200000          0
## 2286           0            0.000000          0
## 2287           0            0.000000          0
## 2288           0            0.000000          0
## 2289           2          123.000000          0
## 2290           0            0.000000          0
## 2291           2           29.333333          0
## 2292           1           47.000000          0
## 2293           5          152.875000          2
## 2294           0            0.000000          0
## 2295           0            0.000000          0
## 2296           0            0.000000          0
## 2297           0            0.000000          0
## 2298           1           10.000000          1
## 2299           0            0.000000          0
## 2300           0            0.000000          0
## 2301           4           96.500000          0
```

```
## 2302          3          44.000000          4
## 2303          0           0.000000          0
## 2304          1          35.000000          0
## 2305          0           0.000000          0
## 2306          5          72.500000          0
## 2307          1          38.000000          1
## 2308          0           0.000000          0
## 2309          0           0.000000          0
## 2310          3          76.750000          1
## 2311          0           0.000000          0
## 2312          2         353.000000          0
## 2313         15         275.910444          6
## 2314          4         104.500000          4
## 2315          0           0.000000          0
## 2316          3         134.000000          0
## 2317          0           0.000000          0
## 2318          0           0.000000          0
## 2319          6          43.100000          0
## 2320          8         119.000000          0
## 2321          0           0.000000          2
## 2322          0           0.000000          0
## 2323          4          38.500000          1
## 2324          0           0.000000          0
## 2325          2          16.666667          0
## 2326          0           0.000000          0
## 2327          0           0.000000          0
## 2328          2          18.000000          4
## 2329          3         231.000000          0
## 2330          0           0.000000          0
## 2331          1          24.000000          0
## 2332          0           0.000000          0
## 2333          1           0.000000          0
## 2334          0           0.000000          0
## 2335          0           0.000000          0
## 2336          4          92.250000          1
## 2337          7         145.000000          0
## 2338          4         155.500000          0
## 2339          7         135.916667          0
## 2340          0           0.000000          0
## 2341          0           0.000000          1
## 2342          0           0.000000          0
## 2343          5         119.150000          0
## 2344          0           0.000000          0
## 2345          0           0.000000          0
## 2346          0           0.000000          0
## 2347          8         123.000000          0
## 2348          4          59.000000          0
## 2349          4         107.533333          2
## 2350          3          84.000000          0
## 2351          0           0.000000          0
## 2352          0           0.000000          0
## 2353          0           0.000000          0
## 2354          0           0.000000          0
## 2355          0           0.000000          0
```

```
## 2356          0            0.000000          0
## 2357          0            0.000000          0
## 2358          4          124.000000          0
## 2359          0            0.000000          0
## 2360          2           61.166667          0
## 2361          2           39.500000          1
## 2362          0            0.000000          1
## 2363          0            0.000000          0
## 2364          0            0.000000          0
## 2365          0            0.000000          0
## 2366          0            0.000000          0
## 2367          8          217.000000          2
## 2368          1           80.000000          2
## 2369          0            0.000000          0
## 2370          6          124.500000          5
## 2371          3          277.666667          1
## 2372          8          398.700000          0
## 2373          0            0.000000          0
## 2374          1           56.000000          0
## 2375          1           29.000000          0
## 2376          0            0.000000          0
## 2377          5          147.750000          0
## 2378          0            0.000000          0
## 2379          0            0.000000          0
## 2380          4          149.500000          3
## 2381          0            0.000000          1
## 2382          0            0.000000          0
## 2383          2           13.500000          0
## 2384          0            0.000000          0
## 2385          3           42.333333          0
## 2386          0            0.000000          0
## 2387          0            0.000000          0
## 2388          0            0.000000          0
## 2389          6           34.000000          0
## 2390          7          200.500000          0
## 2391          4           85.000000          0
## 2392          7          424.166667          0
## 2393          0            0.000000          0
## 2394          0            0.000000          0
## 2395          0            0.000000          0
## 2396          3           65.166667          2
## 2397          0            0.000000          0
## 2398         10          220.000000          2
## 2399          0            0.000000          0
## 2400          6          389.750000          3
## 2401          8          462.000000          1
## 2402          0            0.000000          0
## 2403          0            0.000000          0
## 2404          2           37.000000          0
## 2405          0            0.000000          0
## 2406          2           28.000000          0
## 2407          5          118.700000          1
## 2408          0            0.000000          0
## 2409          0            0.000000          0
```

```
## 2410          0            0.000000          0
## 2411          3            9.000000          0
## 2412          2           89.750000          1
## 2413          0            0.000000          0
## 2414          0            0.000000          0
## 2415          9          281.750000          2
## 2416         10          513.553571          9
## 2417          1            0.000000          0
## 2418          0            0.000000          0
## 2419          0            0.000000          0
## 2420          4           69.000000          1
## 2421          0            0.000000          0
## 2422          3          131.750000          0
## 2423          4           15.500000          0
## 2424          0            0.000000          0
## 2425          1            4.000000          0
## 2426          0            0.000000          0
## 2427          1            4.500000          0
## 2428          0            0.000000          0
## 2429         11          143.833333          3
## 2430          0            0.000000          0
## 2431          0            0.000000          0
## 2432          0            0.000000          0
## 2433          0            0.000000          0
## 2434          0            0.000000          0
## 2435          1            3.000000          0
## 2436          0            0.000000          0
## 2437          0            0.000000          0
## 2438          0            0.000000          0
## 2439          0            0.000000          2
## 2440          0            0.000000          0
## 2441          2           37.000000          0
## 2442          8          181.166667          3
## 2443          0            0.000000          0
## 2444          3           45.000000          0
## 2445          2           33.000000          0
## 2446          3           54.500000          4
## 2447          2         1687.500000          0
## 2448          0            0.000000          0
## 2449          0            0.000000          0
## 2450          0            0.000000          0
## 2451          0            0.000000          0
## 2452          7          146.000000          2
## 2453          2           20.000000          0
## 2454          0            0.000000          0
## 2455          4          431.000000          0
## 2456          0            0.000000          0
## 2457          0            0.000000          0
## 2458         11          210.855556          0
## 2459          0            0.000000          0
## 2460          3           58.333333          0
## 2461          2           32.000000          0
## 2462          1            5.000000          0
## 2463          0            0.000000          0
```

```
## 2464          0            0.000000          0
## 2465          0            0.000000          2
## 2466          5           52.000000          0
## 2467          0            0.000000          2
## 2468          1           27.000000          0
## 2469          7           92.500000          0
## 2470          5           70.000000          0
## 2471          0            0.000000          0
## 2472          3           49.333333          2
## 2473          5          427.000000          2
## 2474         14          662.535714          2
## 2475          0            0.000000          0
## 2476          0            0.000000          0
## 2477          5          626.000000          1
## 2478          0            0.000000          0
## 2479          2          109.000000          5
## 2480          0            0.000000          0
## 2481          0            0.000000          0
## 2482          3           91.000000          0
## 2483          0            0.000000          0
## 2484          2           23.000000          0
## 2485          8          131.333333          1
## 2486          0            0.000000          0
## 2487          9          128.571429          1
## 2488          0            0.000000          0
## 2489          0            0.000000          0
## 2490          5          230.333333          2
## 2491          2           90.000000          0
## 2492          7          245.333333          0
## 2493          0            0.000000          0
## 2494          0            0.000000          0
## 2495          0            0.000000          0
## 2496          0            0.000000          0
## 2497          0            0.000000          0
## 2498          1          337.000000          1
## 2499          0            0.000000          0
## 2500          0            0.000000          0
## 2501          0            0.000000          0
## 2502          3          117.500000          0
## 2503          0            0.000000          0
## 2504          6          105.500000          0
## 2505          0            0.000000          0
## 2506          6           62.500000          0
## 2507          0            0.000000          0
## 2508          5          243.000000          0
## 2509          1            9.000000          0
## 2510          0            0.000000          0
## 2511          0            0.000000          0
## 2512          0            0.000000          0
## 2513          2           16.500000          0
## 2514          1            0.000000          0
## 2515          2           40.000000          0
## 2516          2           12.000000          0
## 2517          0            0.000000          2
```

```
## 2518          0            0.000000          0
## 2519          0            0.000000          0
## 2520          0            0.000000          0
## 2521          0            0.000000          0
## 2522          0            0.000000          0
## 2523          2           58.000000          5
## 2524          0            0.000000          0
## 2525         11           79.750000          0
## 2526          6          109.500000          1
## 2527          0            0.000000          1
## 2528          0            0.000000          0
## 2529          0            0.000000          0
## 2530          1           47.166667          1
## 2531          2          115.000000          2
## 2532          0            0.000000          0
## 2533          0            0.000000          0
## 2534          0            0.000000          0
## 2535          0            0.000000          0
## 2536          4           71.300000          0
## 2537          0            0.000000          0
## 2538          6          140.000000          1
## 2539         10          750.750000          3
## 2540          8          121.666667          2
## 2541          0            0.000000          0
## 2542          0            0.000000          0
## 2543          5          243.000000          3
## 2544          0            0.000000          0
## 2545          0            0.000000          0
## 2546          0            0.000000          0
## 2547          0            0.000000          0
## 2548          0            0.000000          0
## 2549          0            0.000000          0
## 2550          0            0.000000          0
## 2551          0            0.000000          0
## 2552          0            0.000000          0
## 2553          0            0.000000          2
## 2554          4           70.833333          1
## 2555          0            0.000000          0
## 2556          6           86.083333          0
## 2557          0            0.000000          0
## 2558         10          252.500000          2
## 2559          4          126.000000          0
## 2560          5          318.000000          0
## 2561          9          331.166667          4
## 2562          9          169.500000          2
## 2563          0            0.000000          0
## 2564          0            0.000000          0
## 2565         12          203.471429          1
## 2566          2           94.000000          0
## 2567          8          359.000000          1
## 2568          0            0.000000          0
## 2569          7          135.500000          2
## 2570          0            0.000000          0
## 2571          0            0.000000          0
```

```
## 2572          0            0.000000          0
## 2573          0            0.000000          0
## 2574          0            0.000000          0
## 2575          0            0.000000          0
## 2576          1           13.000000          0
## 2577          0            0.000000          0
## 2578          4           21.000000          0
## 2579          3          109.000000          0
## 2580          3          189.000000          1
## 2581          1           36.000000          0
## 2582          2           25.000000          3
## 2583          0            0.000000          4
## 2584          0            0.000000          0
## 2585          4           82.166667          0
## 2586          0            0.000000          0
## 2587          0            0.000000          0
## 2588          8           63.000000          0
## 2589          0            0.000000          0
## 2590          2          101.500000          0
## 2591         19          704.869925          2
## 2592          0            0.000000          0
## 2593          0            0.000000          0
## 2594          0            0.000000          0
## 2595          0            0.000000          0
## 2596          0            0.000000          0
## 2597          0            0.000000          0
## 2598          2           27.000000          2
## 2599          0            0.000000          0
## 2600         24          196.138592          1
## 2601          0            0.000000          0
## 2602          0            0.000000          0
## 2603          7          114.250000          1
## 2604          0            0.000000          0
## 2605          2          100.000000          0
## 2606          0            0.000000          0
## 2607         12          432.583333          3
## 2608          0            0.000000          0
## 2609          9          118.000000          2
## 2610          0            0.000000          0
## 2611          0            0.000000          0
## 2612          0            0.000000          0
## 2613          0            0.000000          0
## 2614          0            0.000000          0
## 2615          5           99.666667          0
## 2616          0            0.000000          0
## 2617          8          364.500000          0
## 2618         12          345.833333          0
## 2619          1           11.428571          2
## 2620          0            0.000000          0
## 2621          1           19.000000          0
## 2623          0            0.000000          0
## 2624          4          248.666667          3
## 2625          0            0.000000          0
## 2626          5          168.000000          0
```

```
## 2627          5          106.321429          4
## 2628          2           48.000000          0
## 2629          0            0.000000          0
## 2630          0            0.000000          0
## 2631          0            0.000000          0
## 2632         10          262.000000          0
## 2633          4          122.000000          3
## 2634          1           11.000000          3
## 2635          3           90.000000          0
## 2636          0            0.000000          0
## 2637          3          166.000000          1
## 2638         14          230.106944          0
## 2639          0            0.000000          0
## 2640          2           95.000000          0
## 2641          0            0.000000          0
## 2642          0            0.000000          0
## 2643          0            0.000000          0
## 2644          2           30.000000          0
## 2645          1            7.000000          0
## 2646          4          118.454545          0
## 2647          0            0.000000          0
## 2648          0            0.000000          0
## 2649         10          156.833333          2
## 2650          0            0.000000          0
## 2651         10          290.333333          0
## 2652          0            0.000000          0
## 2653          1          113.000000          0
## 2654          2           45.000000          0
## 2655          0            0.000000          0
## 2656          2          199.000000          0
## 2657          0            0.000000          0
## 2658          0            0.000000          0
## 2659          2           26.500000          0
## 2660          2           77.000000          0
## 2661          2          161.000000          0
## 2662          0            0.000000          0
## 2663          0            0.000000          0
## 2664          8          535.750000          2
## 2665          5           88.000000          0
## 2666          0            0.000000          0
## 2667          5           72.425000          2
## 2668          0            0.000000          0
## 2669          6           96.000000          4
## 2670          0            0.000000          0
## 2671          0            0.000000          0
## 2672          2           65.000000          0
## 2673          1            0.000000          0
## 2674          2           97.000000          0
## 2675          0            0.000000          0
## 2676          5           52.000000          0
## 2677          0            0.000000          0
## 2678          0            0.000000          1
## 2679          1            5.000000          0
## 2680          0            0.000000          0
```

```
## 2681          0            0.000000          0
## 2682          0            0.000000          0
## 2683          0            0.000000          0
## 2684          0            0.000000          0
## 2685          0            0.000000          0
## 2686          0            0.000000          0
## 2687          0            0.000000          0
## 2688          3           91.833333          0
## 2689          0            0.000000          0
## 2690          0            0.000000          0
## 2691          0            0.000000          0
## 2692          0            0.000000          0
## 2693          6          450.400000          0
## 2694          1           22.000000          0
## 2695          0            0.000000          0
## 2696          2           26.000000          0
## 2697          2           14.000000          0
## 2698          0            0.000000          0
## 2699          0            0.000000          0
## 2700          0            0.000000          0
## 2701          0            0.000000          0
## 2702          0            0.000000          0
## 2703          0            0.000000          0
## 2704         10          166.931818          2
## 2705          0            0.000000          0
## 2706          0            0.000000          0
## 2707          0            0.000000          0
## 2708          0            0.000000          0
## 2709          1           69.500000          0
## 2710          0            0.000000          0
## 2711         10          198.400000          2
## 2712          4          135.666667          0
## 2713          0            0.000000          0
## 2714          0            0.000000          0
## 2715          0            0.000000          0
## 2716          0            0.000000          0
## 2717          0            0.000000          0
## 2718          5           95.325000          0
## 2719          0            0.000000          0
## 2720          0            0.000000          0
## 2721          1           16.000000          0
## 2722          1            0.000000          0
## 2723          0            0.000000          0
## 2724          0            0.000000          0
## 2725          6           40.166667          0
## 2726         10          299.603175          2
## 2727          4          454.000000          3
## 2728          0            0.000000          0
## 2729          5           54.000000          0
## 2730          1           21.000000          0
## 2731          0            0.000000          0
## 2732          8          103.500000          0
## 2733          3           45.500000          0
## 2734          2          114.000000          0
```

```
## 2735          0            0.000000          0
## 2736         10          150.000000          0
## 2737          0            0.000000          0
## 2738          2           11.000000          0
## 2739          8          245.333333          4
## 2741          3           42.000000          0
## 2742          6           61.666667          0
## 2743          0            0.000000          0
## 2744          0            0.000000          0
## 2745          0            0.000000          0
## 2746          1          114.000000          1
## 2747          8           79.166667          2
## 2748          0            0.000000          0
## 2749          0            0.000000          0
## 2750          3          275.000000          2
## 2751          3           38.000000          0
## 2752          0            0.000000          0
## 2753          5          138.500000          0
## 2755          0            0.000000          0
## 2756          4           61.000000          0
## 2757          0            0.000000          0
## 2758         12          155.600000          6
## 2759          0            0.000000          0
## 2760         10          259.166667          0
## 2761          3            6.000000          0
## 2762          0            0.000000          0
## 2763          0            0.000000          0
## 2764          0            0.000000          0
## 2765          0            0.000000          0
## 2766          6           86.500000          1
## 2767          9          299.083333          1
## 2768          0            0.000000          0
## 2769          0            0.000000          0
## 2770          0            0.000000          0
## 2771          0            0.000000          0
## 2772          2          166.000000          2
## 2773          0            0.000000          0
## 2774          1           11.000000          2
## 2775          0            0.000000          0
## 2776          5          103.000000          0
## 2777         11          376.500000          4
## 2778          0            0.000000          1
## 2779          0            0.000000          0
## 2780          3           69.000000          0
## 2781          0            0.000000          0
## 2782          0            0.000000          0
## 2783          5          230.250000          2
## 2784          5          205.500000          1
## 2785          0            0.000000          1
## 2786          0            0.000000          0
## 2787          2           25.000000          0
## 2788          0            0.000000          0
## 2789          0            0.000000          0
## 2790          0            0.000000          0
```

```
## 2791          2          35.000000          0
## 2792          1          44.500000          0
## 2793          0           0.000000          0
## 2794          0           0.000000          0
## 2795          0           0.000000          0
## 2796          3          29.000000          0
## 2797          0           0.000000          0
## 2798          0           0.000000          0
## 2799          1          20.000000          0
## 2800          0           0.000000          0
## 2801          0           0.000000          0
## 2802          0           0.000000          1
## 2803          8         206.000000          0
## 2804          0           0.000000          0
## 2805          0           0.000000          0
## 2806          0           0.000000          0
## 2807          0           0.000000          0
## 2808          0           0.000000          0
## 2809          0           0.000000          0
## 2810          1           0.000000          0
## 2811          1          41.333333          0
## 2812          0           0.000000          0
## 2813          0           0.000000          0
## 2814          1          25.750000          3
## 2815          0           0.000000          0
## 2816          0           0.000000          0
## 2817          0           0.000000          0
## 2818          3          52.000000          0
## 2819          0           0.000000          0
## 2820          0           0.000000          0
## 2821          0           0.000000          0
## 2822         14         173.083333          3
## 2823          3          62.000000          0
## 2824          3          37.000000          0
## 2825         10         620.952381          5
## 2826          0           0.000000          0
## 2827          0           0.000000          0
## 2828          7          65.833333          0
## 2829          0           0.000000          0
## 2830          0           0.000000          0
## 2831          0           0.000000          0
## 2832          0           0.000000          0
## 2833          0           0.000000          0
## 2834          0           0.000000          0
## 2835          4          52.000000          0
## 2836          2           5.000000          0
## 2837          0           0.000000          0
## 2838          1           7.000000          0
## 2839          0           0.000000          0
## 2840          7         204.500000          2
## 2841          0           0.000000          0
## 2842          0           0.000000          0
## 2843          3          52.333333          5
## 2844          0           0.000000          0
```

```
## 2845          11          498.900000          3
## 2846           0            0.000000          0
## 2847           0            0.000000          0
## 2848           1           13.000000          0
## 2849           0            0.000000          0
## 2850           0            0.000000          0
## 2851           4          101.000000          0
## 2852           0            0.000000          0
## 2853           0            0.000000          0
## 2854           0            0.000000          0
## 2855           0            0.000000          1
## 2856           2           55.000000          0
## 2857           6         1541.500000          0
## 2858           0            0.000000          0
## 2859           0            0.000000          0
## 2860          10          197.166667          0
## 2861           6           66.772727          1
## 2862           0            0.000000          0
## 2863           4           82.000000          0
## 2864           1           65.000000          0
## 2865           0            0.000000          0
## 2866           5           86.500000          0
## 2867           2          105.000000          0
## 2868           0            0.000000          0
## 2869           2           37.500000          0
## 2870           0            0.000000          0
## 2871           0            0.000000          0
## 2872           0            0.000000          0
## 2873           0            0.000000          0
## 2874           0            0.000000          0
## 2875           0            0.000000          0
## 2876           0            0.000000          0
## 2877           4           19.500000          0
## 2878           0            0.000000          0
## 2879           5          196.666667          0
## 2880           0            0.000000          0
## 2881           0            0.000000          0
## 2882           5          188.000000          0
## 2883           0            0.000000          0
## 2884           3          105.000000          0
## 2885           4           91.000000          2
## 2886           0            0.000000          0
## 2887           1           28.000000          0
## 2888           6          162.107143          0
## 2889           0            0.000000          0
## 2890           1           37.000000          0
## 2891           6           66.166667          2
## 2892           6          128.500000          0
## 2893           0            0.000000          0
## 2894           0            0.000000          0
## 2895           7          290.666667          0
## 2896           0            0.000000          0
## 2897           0            0.000000          0
## 2898           0            0.000000          0
```

```
## 2899          0            0.000000          0
## 2900          0            0.000000          0
## 2901          0            0.000000          0
## 2902          6           57.500000          0
## 2903          5          102.067692          2
## 2904          4           60.000000          0
## 2905          0            0.000000          0
## 2906         14          578.500000          2
## 2907          2           38.500000          2
## 2908          5           85.000000          0
## 2909          0            0.000000          0
## 2910          0            0.000000          0
## 2911          0            0.000000          0
## 2912          1           36.000000          0
## 2913          5          246.250000          1
## 2914          0            0.000000          0
## 2915          0            0.000000          0
## 2916          0            0.000000          0
## 2917          0            0.000000          0
## 2918          0            0.000000          0
## 2919          0            0.000000          0
## 2920          2           19.000000          0
## 2921          0            0.000000          0
## 2922          0            0.000000          0
## 2923          1            3.000000          0
## 2924          0            0.000000          1
## 2925          0            0.000000          0
## 2926          3           55.000000          0
## 2927          0            0.000000          0
## 2928          0            0.000000          1
## 2929          0            0.000000          0
## 2930          1           68.000000          0
## 2931          3          124.000000          0
## 2932          0            0.000000          0
## 2933          1           29.000000          2
## 2934          4          164.000000          0
## 2935          4           35.666667          2
## 2936          1            8.000000          0
## 2937          0            0.000000          2
## 2938          0            0.000000          0
## 2939          8          168.166667          0
## 2940         12          331.300000          0
## 2941          0            0.000000          0
## 2942          5          548.314286          6
## 2943          8          102.000000          0
## 2944          0            0.000000          0
## 2945          3          166.000000          0
## 2946          1           45.000000          0
## 2947          0            0.000000          0
## 2948          0            0.000000          0
## 2949          0            0.000000          0
## 2950          0            0.000000          0
## 2951          0            0.000000          0
## 2952          1            3.500000          0
```

```
## 2953          1            0.000000          0
## 2954          0            0.000000          0
## 2955          0            0.000000          0
## 2956          0            0.000000          0
## 2957          2           65.500000          0
## 2958          0            0.000000          0
## 2959          4           38.000000          0
## 2960          0            0.000000          0
## 2961          0            0.000000          0
## 2962          0            0.000000          0
## 2963          0            0.000000          0
## 2964          0            0.000000          0
## 2965          6          105.000000          1
## 2966          0            0.000000          0
## 2967          0            0.000000          0
## 2968         13          228.916667          1
## 2969          8          249.000000          1
## 2970         10          236.408333          3
## 2971          1            4.500000          3
## 2972          0            0.000000          0
## 2973          3          135.000000          0
## 2974          0            0.000000          2
## 2975         10          261.500000          4
## 2976          0            0.000000          1
## 2977          0            0.000000          0
## 2978          0            0.000000          0
## 2979          0            0.000000          0
## 2980          0            0.000000          0
## 2981          0            0.000000          0
## 2982          0            0.000000          0
## 2983          2           98.000000          0
## 2984          0            0.000000          0
## 2985          3           23.000000          2
## 2986          0            0.000000          0
## 2987          5           18.000000          1
## 2988          1           64.000000          0
## 2989          2           23.000000          0
## 2990          0            0.000000          0
## 2991          0            0.000000          0
## 2992          0            0.000000          0
## 2993          4          166.500000          1
## 2994          2           74.000000          0
## 2995          1           42.000000          0
## 2996          2          172.000000          0
## 2997          3          232.900000          7
## 2998          3          176.000000          0
## 2999          1            5.000000          0
## 3000          0            0.000000          0
## 3001          1            6.000000          2
## 3002          4           56.666667          0
## 3003          0            0.000000          0
## 3004          1           19.000000          1
## 3005          0            0.000000          0
## 3006          0            0.000000          0
```

```
## 3007              3              52.333333            0
## 3008              0               0.000000            0
## 3009              0               0.000000            0
## 3010              0               0.000000            0
## 3011              0               0.000000            0
## 3012              6              89.466667            1
## 3013              0               0.000000            0
## 3014              0               0.000000            0
## 3015              1               9.000000            0
## 3016              3             111.000000            0
## 3017              3             120.000000            0
## 3018              0               0.000000            0
## 3019              0               0.000000            0
## 3020              9             149.933333            2
## 3021              0               0.000000            0
## 3022              3              53.250000            1
## 3023              0               0.000000            0
## 3024              2              60.000000            6
## 3025              1              97.000000            0
## 3026              2              21.000000            0
## 3027              0               0.000000            0
## 3028              0               0.000000            0
## 3029              0               0.000000            0
## 3030              5             497.750000            1
## 3031              0               0.000000            0
## 3032              5              65.000000            0
## 3033              3             149.000000            0
## 3034              5             316.800000            0
## 3035              0               0.000000            0
## 3036              3              49.750000            0
## 3037              2              74.500000            0
## 3038              3              40.000000            0
## 3039              3              65.500000            2
## 3040              9             233.500000            2
## 3041              1              41.000000            0
## 3042              0               0.000000            1
## 3043              0               0.000000            0
## 3044              0               0.000000            0
## 3045              0               0.000000            1
## 3046              2             149.666667            0
## 3047              0               0.000000            0
## 3048              0               0.000000            0
## 3049              0               0.000000            0
## 3050              4             172.000000            0
## 3051              0               0.000000            0
## 3052              0               0.000000            0
## 3053              0               0.000000            2
## 3054              0               0.000000            0
## 3055              5             158.000000            0
## 3056              0               0.000000            0
## 3057              0               0.000000            0
## 3058              0               0.000000            0
## 3059              0               0.000000            0
## 3060              7             134.000000            2
```

```
## 3061          0            0.000000          0
## 3062          0            0.000000          0
## 3063          1           26.000000          2
## 3064          1           38.000000          2
## 3065          0            0.000000          1
## 3066          0            0.000000          0
## 3067          4           26.000000          0
## 3068          1           57.000000          3
## 3069          2           33.000000          0
## 3070          0            0.000000          0
## 3071          3          314.500000          0
## 3072          2           10.666667          0
## 3073          0            0.000000          0
## 3074          6          106.500000          0
## 3075          2           83.000000          0
## 3076          0            0.000000          0
## 3077          1          537.000000          0
## 3078          0            0.000000          0
## 3079          8          211.964286          0
## 3080          4           69.000000          1
## 3081          0            0.000000          0
## 3082          3           19.500000          0
## 3083          0            0.000000          0
## 3084          3           55.000000          0
## 3085          0            0.000000          0
## 3086          0            0.000000          0
## 3087          1            0.000000          0
## 3088          6          175.000000          1
## 3089          0            0.000000          0
## 3090          3           81.000000          0
## 3091          0            0.000000          0
## 3092          7          106.828571          0
## 3093         10          161.708333          1
## 3094          1           50.333333          0
## 3095          5          766.833333          0
## 3096          0            0.000000          0
## 3097          0            0.000000          0
## 3098          3           29.333333          0
## 3099          1            4.000000          0
## 3100          0            0.000000          1
## 3101          0            0.000000          0
## 3102          0            0.000000          0
## 3103          0            0.000000          0
## 3104          0            0.000000          0
## 3105          4          130.500000          0
## 3106         11         1215.333333          0
## 3107          0            0.000000          0
## 3108          0            0.000000          0
## 3109          0            0.000000          0
## 3110          1           69.000000          0
## 3111          0            0.000000          0
## 3112          0            0.000000          0
## 3113          0            0.000000          0
## 3114          1            4.000000          0
```

```
## 3115          2            7.000000          1
## 3116          0            0.000000          0
## 3117          0            0.000000          0
## 3118          2           37.000000          0
## 3119          2           57.500000          0
## 3120          3          148.666667          0
## 3121          0            0.000000          0
## 3122          8          152.333333          0
## 3123          7          405.258333          1
## 3124          0            0.000000          0
## 3125          0            0.000000          0
## 3126          1           60.000000          1
## 3127          0            0.000000          0
## 3128          0            0.000000          2
## 3129          0            0.000000          0
## 3130          1          294.000000          0
## 3131          2           28.000000          0
## 3132          0            0.000000          0
## 3133          0            0.000000          0
## 3134          0            0.000000          2
## 3135          0            0.000000          0
## 3136          0            0.000000          0
## 3137          0            0.000000          0
## 3138          0            0.000000          0
## 3139          0            0.000000          0
## 3140          4           99.500000          0
## 3141          2           70.000000          0
## 3142          0            0.000000          0
## 3143          0            0.000000          0
## 3144         12          637.938889          0
## 3145          0            0.000000          0
## 3146          0            0.000000          0
## 3147          7           84.550000          0
## 3148          0            0.000000          0
## 3149          9          381.866667          1
## 3150          8          236.833333          0
## 3151          0            0.000000          0
## 3152          0            0.000000          0
## 3153          2           22.000000          0
## 3154          5          244.500000          0
## 3155          4          109.000000          2
## 3156          2          180.500000          0
## 3157         17          592.001401          4
## 3158          0            0.000000          0
## 3159          3          335.000000          0
## 3160          0            0.000000          0
## 3161          1           58.000000          0
## 3162          0            0.000000          0
## 3163         10          118.000000          0
## 3164          3           41.000000          0
## 3165          9          269.800000          0
## 3166          1           15.000000          0
## 3167          0            0.000000          0
## 3168          0            0.000000          0
```

```
## 3169          4          97.000000          0
## 3170         16         235.250000          1
## 3171          0           0.000000          0
## 3172          4          98.000000          4
## 3173          6         277.166667          2
## 3174          0           0.000000          0
## 3175          0           0.000000          0
## 3176          3          25.083333          0
## 3177          0           0.000000          0
## 3178          1          27.000000          0
## 3179          0           0.000000          2
## 3180          2         124.000000          1
## 3181          0           0.000000          0
## 3182          0           0.000000          0
## 3183          0           0.000000          0
## 3184          0           0.000000          0
## 3185          1          76.000000          0
## 3186         15        1629.333333          3
## 3187          1          62.500000          3
## 3188          0           0.000000          0
## 3189          6          51.000000          0
## 3190          0           0.000000          1
## 3191          1          24.000000          0
## 3192          5         505.000000          0
## 3193          0           0.000000          0
## 3194          4          38.000000          3
## 3195          0           0.000000          0
## 3196          6          32.500000          2
## 3197          3         108.500000          0
## 3198          3         154.000000          2
## 3199          0           0.000000          0
## 3200          0           0.000000          0
## 3201          4         118.903226          6
## 3202          1          17.000000          0
## 3203          8         192.555556          1
## 3204          2          40.000000          1
## 3205          2         267.000000          0
## 3206          6         107.000000          1
## 3207          9         146.000000          0
## 3208          5          54.833333          0
## 3209          0           0.000000          0
## 3210          0           0.000000          0
## 3211          0           0.000000          0
## 3212          2          29.000000          1
## 3213          0           0.000000          0
## 3214          8         239.833333          2
## 3215          0           0.000000          0
## 3216          4         210.500000          0
## 3217          2          36.400000          0
## 3218          3          69.166667          0
## 3219          0           0.000000          0
## 3220          3         509.666667          0
## 3221          6         111.000000          0
## 3222          4          20.000000          0
```

```
## 3223          1          46.000000          0
## 3224          0           0.000000          0
## 3225          2         125.000000          0
## 3226          0           0.000000          0
## 3227          1           7.000000          0
## 3228         10        1751.047619          3
## 3229          5         827.200000          2
## 3230          2          55.000000          0
## 3231          2          25.000000          0
## 3233          0           0.000000          0
## 3234          2          15.000000          0
## 3235          2          93.000000          3
## 3236          4          73.000000          0
## 3237          6          77.000000          0
## 3238          1         260.000000          0
## 3239          2          13.000000          0
## 3240          2          33.000000          0
## 3241          2         566.000000          0
## 3242          0           0.000000          0
## 3243          0           0.000000          0
## 3244          3          42.000000          0
## 3245          7          85.529167          3
## 3246          0           0.000000          0
## 3247          4         191.000000          0
## 3248          0           0.000000          0
## 3249          8         186.500000          0
## 3250          0           0.000000          0
## 3251          0           0.000000          0
## 3252          4          47.000000          0
## 3253          0           0.000000          0
## 3254          0           0.000000          1
## 3255          1          10.000000          2
## 3256          0           0.000000          0
## 3257          0           0.000000          0
## 3258          0           0.000000          0
## 3259          0           0.000000          0
## 3260          1           6.000000          0
## 3261         11         361.476190          1
## 3262          2          32.000000          0
## 3263          0           0.000000          0
## 3264          0           0.000000          0
## 3265          0           0.000000          0
## 3266          0           0.000000          0
## 3267          4          61.000000          0
## 3268          0           0.000000          1
## 3269          9         794.883333          0
## 3270          0           0.000000          0
## 3271          0           0.000000          0
## 3272          7          89.900000          3
## 3274          0           0.000000          0
## 3275          0           0.000000          0
## 3276          0           0.000000          0
## 3277          1          27.000000          0
## 3278          5         162.500000          1
```

```
## 3279          0            0.000000          0
## 3280          0            0.000000          0
## 3281          3          204.750000          0
## 3283          0            0.000000          0
## 3284          0            0.000000          0
## 3285          2           32.000000          0
## 3286          0            0.000000          0
## 3287          3          112.000000          0
## 3288          0            0.000000          0
## 3289          1            0.000000          0
## 3290          6           91.500000          0
## 3291          0            0.000000          0
## 3292          5          423.500000          2
## 3293          0            0.000000          0
## 3294          9          174.475000          0
## 3295          0            0.000000          0
## 3296          0            0.000000          0
## 3297          1            9.000000          5
## 3298          1           26.000000          0
## 3299          0            0.000000          0
## 3300          0            0.000000          0
## 3301          1           41.000000          0
## 3302          0            0.000000          0
## 3303          0            0.000000          0
## 3304          3           40.000000          0
## 3305          0            0.000000          0
## 3306          0            0.000000          0
## 3307          0            0.000000          0
## 3308          0            0.000000          0
## 3309         12          418.333333          2
## 3310          1           88.000000          0
## 3311          2           86.000000          0
## 3312          0            0.000000          0
## 3313          0            0.000000          0
## 3314          1            5.000000          2
## 3315          0            0.000000          2
## 3316          3          249.000000          0
## 3317          1           20.000000          0
## 3318          0            0.000000          0
## 3319          3          100.000000          0
## 3320          0            0.000000          0
## 3321          1           32.000000          0
## 3322          5           90.875000          1
## 3323          0            0.000000          0
## 3324          1           10.000000          0
## 3325          3          110.500000          0
## 3326          0            0.000000          0
## 3327          4           14.000000          0
## 3328          0            0.000000          0
## 3329          8          144.500000          4
## 3330          6          211.000000          1
## 3331          0            0.000000          0
## 3332          0            0.000000          0
## 3333          1           47.000000          0
```

```
## 3334          0            0.000000          0
## 3335          2           98.000000          0
## 3336          0            0.000000          0
## 3337         10          207.866667          0
## 3338          0            0.000000          0
## 3339          8          656.000000          1
## 3340          0            0.000000          0
## 3341          1            6.000000          1
## 3342          4          319.000000          1
## 3343          2          108.000000          0
## 3344          0            0.000000          0
## 3345          0            0.000000          0
## 3346          0            0.000000          3
## 3347          0            0.000000          0
## 3348          0            0.000000          1
## 3349          8          105.564423          5
## 3350          0            0.000000          0
## 3351          5           20.000000          0
## 3352          0            0.000000          0
## 3353          0            0.000000          0
## 3354          0            0.000000          0
## 3355          0            0.000000          0
## 3356          2           50.500000          0
## 3357          0            0.000000          0
## 3358          3           30.500000          0
## 3359          0            0.000000          0
## 3360         10          341.428571          0
## 3361          3          105.000000          0
## 3362          0            0.000000          0
## 3363          0            0.000000          0
## 3364          0            0.000000          0
## 3365          5           99.166667          1
## 3366          5          436.000000          0
## 3367          0            0.000000          0
## 3368          0            0.000000          0
## 3369          1           43.000000          1
## 3370          8          102.666667          0
## 3371          7          195.875000          2
## 3372          0            0.000000          0
## 3373          4          204.500000          0
## 3374          0            0.000000          0
## 3375          3           94.000000          0
## 3376          1          255.000000          0
## 3377          0            0.000000          0
## 3378          1            5.000000          1
## 3379          0            0.000000          1
## 3380          0            0.000000          0
## 3381          1            4.000000          0
## 3382          0            0.000000          0
## 3383          0            0.000000          0
## 3384          0            0.000000          0
## 3385          2           43.000000          0
## 3386          0            0.000000          0
## 3387          0            0.000000          0
```

```
## 3388          0            0.000000          0
## 3389          5          113.500000          0
## 3390          0            0.000000          0
## 3391          1            3.000000          0
## 3392          0            0.000000          0
## 3393          6          220.000000          2
## 3394          0            0.000000          1
## 3395          0            0.000000          0
## 3396          2           37.333333          0
## 3397          1           29.000000          0
## 3398          2           59.500000          1
## 3399         11          336.500000          0
## 3400          1           63.000000          0
## 3401          0            0.000000          0
## 3402          2            7.000000          0
## 3403          0            0.000000          0
## 3404          0            0.000000          0
## 3405          0            0.000000          0
## 3406          1            0.000000          0
## 3407          0            0.000000          0
## 3408         15          168.429198          2
## 3409          2            5.000000          0
## 3410          3           11.666667          0
## 3411          7           53.250000          0
## 3412          4          132.000000          1
## 3413          7           44.166667          0
## 3414          7           41.375000          0
## 3415          1           24.000000          0
## 3416          0            0.000000          0
## 3417          0            0.000000          0
## 3418          0            0.000000          0
## 3419          0            0.000000          0
## 3420          0            0.000000          0
## 3421          6           65.000000          2
## 3422          0            0.000000          0
## 3423          8          567.357143          1
## 3424          2           39.000000          0
## 3425          2            7.500000          0
## 3426          1           25.000000          0
## 3427          0            0.000000          1
## 3428          0            0.000000          0
## 3429          0            0.000000          0
## 3430         12          316.550000          3
## 3431          2           59.833333          0
## 3432          0            0.000000          0
## 3433          2           20.000000          0
## 3434          0            0.000000          0
## 3435          0            0.000000          0
## 3436          2           38.000000          0
## 3437          0            0.000000          0
## 3438          1            5.000000          0
## 3439          0            0.000000          0
## 3440         11          100.096537          0
## 3441          0            0.000000          0
```

```
## 3442              7              160.333333             0
## 3443              2               42.166667             0
## 3444              2               81.000000             0
## 3445              0                0.000000             0
## 3446              0                0.000000             0
## 3447              0                0.000000             0
## 3448              0                0.000000             0
## 3449              5              119.000000             0
## 3450              1                0.000000             0
## 3451              0                0.000000             0
## 3452              0                0.000000             0
## 3453              0                0.000000             0
## 3454              4               32.100000             1
## 3455              0                0.000000             0
## 3456              0                0.000000             0
## 3457              0                0.000000             0
## 3458              4               34.000000             0
## 3459              0                0.000000             0
## 3460              0                0.000000             0
## 3461              5              133.000000             0
## 3462              0                0.000000             0
## 3463              0                0.000000             0
## 3464              0                0.000000             0
## 3465              1               29.500000             0
## 3466              0                0.000000             0
## 3467              0                0.000000             0
## 3468              1               38.000000             0
## 3469              1               32.333333             1
## 3470              0                0.000000             0
## 3471              0                0.000000             0
## 3472              1               74.000000             0
## 3473              1               10.000000             0
## 3474              0                0.000000             0
## 3475              7               71.000000             0
## 3476              0                0.000000             0
## 3477              1               27.000000             0
## 3478              0                0.000000             0
## 3479              4               75.600000             0
## 3480              0                0.000000             2
## 3481              0                0.000000             0
## 3482              2               32.500000             0
## 3483              8              120.666667             2
## 3484              0                0.000000             0
## 3485              0                0.000000             0
## 3486              0                0.000000             0
## 3487              4              128.500000             0
## 3488              1               28.000000             0
## 3489              3               51.500000             0
## 3490              2               57.000000             1
## 3491              0                0.000000             0
## 3492             14              247.136364             2
## 3493              0                0.000000             0
## 3494              2              256.000000             0
## 3495              0                0.000000             0
```

```
## 3496              2              37.500000            0
## 3497              0               0.000000            0
## 3498              0               0.000000            0
## 3499              0               0.000000            0
## 3500             10              76.166667            0
## 3501              4             202.000000            0
## 3502              0               0.000000            0
## 3503              1              18.000000            0
## 3504              7             160.230769            0
## 3505              0               0.000000            0
## 3506              2             338.000000            0
## 3507              0               0.000000            3
## 3508              0               0.000000            0
## 3509              0               0.000000            0
## 3510              2             844.000000            0
## 3511              3              73.500000            3
## 3512              2              13.333333            0
## 3513              4             324.500000            0
## 3514              0               0.000000            0
## 3515              0               0.000000            0
## 3516              7             159.500000            0
## 3517              1              37.000000            0
## 3518              4              80.000000            0
## 3519              1               8.500000            0
## 3520              0               0.000000            0
## 3521              0               0.000000            0
## 3522              1             241.000000            0
## 3523              0               0.000000            0
## 3524              0               0.000000            0
## 3525             16             284.850000            0
## 3526              0               0.000000            1
## 3527              7              64.750000            1
## 3528              0               0.000000            0
## 3529              1               2.000000            0
## 3530              4              47.500000            0
## 3531              6             108.916667            0
## 3532              0               0.000000            0
## 3533              0               0.000000            0
## 3534              3              25.571429            1
## 3535              4             123.000000            1
## 3536              1              48.000000            0
## 3537              1              64.000000            0
## 3538              4              69.000000            0
## 3539              0               0.000000            0
## 3540              0               0.000000            0
## 3541              2              18.000000            0
## 3542              4             322.500000            1
## 3543              2             178.500000            2
## 3544              0               0.000000            0
## 3545              1              82.000000            0
## 3546              0               0.000000            0
## 3547              0               0.000000            0
## 3548              0               0.000000            0
## 3549              8             176.666667            2
```

```
## 3550              1                0.000000             0
## 3551              0                0.000000             0
## 3552              1              418.000000             3
## 3553              0                0.000000             0
## 3554              0                0.000000             0
## 3555              1               23.000000             0
## 3556              1               12.500000             0
## 3557              0                0.000000             0
## 3558              0                0.000000             0
## 3559              0                0.000000             0
## 3560              0                0.000000             0
## 3561              0                0.000000             0
## 3562              5               66.966667             2
## 3563              1              120.000000             1
## 3564              0                0.000000             0
## 3565              5               54.000000             0
## 3566              0                0.000000             0
## 3567              0                0.000000             0
## 3568              0                0.000000             0
## 3569              0                0.000000             0
## 3570              0                0.000000             0
## 3571              1                4.000000             0
## 3572              7              374.369048             0
## 3573              0                0.000000             0
## 3574              1                5.500000             0
## 3575              0                0.000000             9
## 3576              0                0.000000             0
## 3577              0                0.000000             0
## 3579              6              374.000000             0
## 3580              0                0.000000             0
## 3581              0                0.000000             0
## 3582              0                0.000000             2
## 3583              1               41.000000             0
## 3584              1               15.000000             0
## 3585              0                0.000000             0
## 3586              1               11.000000             0
## 3587              0                0.000000             1
## 3588              0                0.000000             0
## 3589              1                9.000000             0
## 3590              0                0.000000             0
## 3591              0                0.000000             0
## 3592              7               54.636364             1
## 3593              0                0.000000             0
## 3594              1               45.000000             0
## 3595              2               44.333333             0
## 3596              0                0.000000             0
## 3597              4              738.000000             0
## 3598              0                0.000000             0
## 3599              0                0.000000             0
## 3600              1               72.000000             0
## 3601              0                0.000000             1
## 3602              1               12.000000             0
## 3603              9              468.366667             1
## 3604              5               55.500000             0
```

```
## 3605              3              283.666667             1
## 3606              0                0.000000             0
## 3607              0                0.000000             0
## 3608              0                0.000000             0
## 3609              0                0.000000             0
## 3610              0                0.000000             0
## 3611              0                0.000000             0
## 3612              3               53.500000             0
## 3613              0                0.000000             0
## 3614              8              132.000000             0
## 3615              0                0.000000             0
## 3616              3              101.000000             0
## 3617              0                0.000000             0
## 3618              0                0.000000             0
## 3619              1              109.000000             0
## 3620              7              278.833333             2
## 3621              0                0.000000             0
## 3622              1                0.000000             0
## 3623              0                0.000000             0
## 3624              0                0.000000             0
## 3625              0                0.000000             0
## 3626              0                0.000000             0
## 3627              1               21.500000             2
## 3628              0                0.000000             0
## 3629              4              250.857143             1
## 3630              0                0.000000             0
## 3631              6              545.000000             4
## 3632              0                0.000000             0
## 3633              0                0.000000             0
## 3634              6               60.000000             0
## 3635              0                0.000000             0
## 3636              1               13.000000             1
## 3637              3               37.300000             4
## 3638              0                0.000000             0
## 3639              5               68.000000             0
## 3640              0                0.000000             0
## 3641              0                0.000000             0
## 3642              0                0.000000             0
## 3643              4              237.833333             0
## 3644              0                0.000000             0
## 3645              3              120.666667             0
## 3646              0                0.000000             0
## 3647              3              119.000000             1
## 3648              0                0.000000             0
## 3649              0                0.000000             0
## 3650              0                0.000000             0
## 3652              2                7.000000             0
## 3653              1               65.000000             0
## 3654              0                0.000000             0
## 3655              4             1764.000000             1
## 3656              1               68.000000             0
## 3657              0                0.000000             0
## 3658              0                0.000000             0
## 3659              0                0.000000             0
```

```
## 3660          2          63.666667          0
## 3661          0           0.000000          0
## 3662          0           0.000000          0
## 3663          0           0.000000          0
## 3665          2          37.500000          0
## 3666         10         312.000000          0
## 3667          0           0.000000          0
## 3668          6         299.000000          1
## 3669          0           0.000000          1
## 3670          1           0.000000          1
## 3671          0           0.000000          0
## 3672          0           0.000000          0
## 3673          0           0.000000          0
## 3674          0           0.000000          0
## 3675          6          93.500000          0
## 3676          0           0.000000          0
## 3677          0           0.000000          0
## 3678          0           0.000000          0
## 3679          2          67.000000          0
## 3680          0           0.000000          0
## 3681         12         251.866667          0
## 3682          3         121.000000          0
## 3683          3          71.000000          3
## 3684          0           0.000000          0
## 3685          5         110.000000          0
## 3686          0           0.000000          0
## 3687          7         136.666667          1
## 3688          0           0.000000          0
## 3689          1           8.000000          0
## 3690         11         167.166667          6
## 3691          2          15.000000          0
## 3692          5         142.700000          0
## 3693          2         114.000000          0
## 3694          0           0.000000          0
## 3695          0           0.000000          0
## 3696          3          86.000000          0
## 3697          0           0.000000          0
## 3698          5         147.000000          0
## 3699          0           0.000000          0
## 3700          4          47.000000          0
## 3701          0           0.000000          0
## 3702          0           0.000000          0
## 3703          0           0.000000          0
## 3704          8         276.866667          0
## 3705          0           0.000000          0
## 3706          0           0.000000          1
## 3707          2         132.000000          0
## 3708          1          64.000000          0
## 3709          4         103.500000          0
## 3710          0           0.000000          0
## 3711          0           0.000000          0
## 3712          3          23.000000          0
## 3713          5        1321.250000          0
## 3714          7         190.583333          2
```

```
## 3715          1            7.000000          0
## 3716          4           67.000000          0
## 3717          4          131.000000          1
## 3718          2           46.000000          0
## 3719          3           67.000000          0
## 3720          1           77.000000          1
## 3721          0            0.000000          0
## 3723          0            0.000000          0
## 3724          0            0.000000          0
## 3725          0            0.000000          0
## 3726          0            0.000000          2
## 3727          2            7.000000          0
## 3728          0            0.000000          1
## 3729          2           15.000000          0
## 3730          7          397.833333          0
## 3731          0            0.000000          0
## 3732          0            0.000000          1
## 3733          3          251.000000          2
## 3734          0            0.000000          0
## 3735          0            0.000000          0
## 3736          0            0.000000          0
## 3737          3          203.000000          0
## 3738          0            0.000000          0
## 3739          5          232.400000          0
## 3740          0            0.000000          0
## 3741          0            0.000000          0
## 3742          0            0.000000          0
## 3743          0            0.000000          0
## 3744          0            0.000000          0
## 3745          3           22.333333          1
## 3746          5           54.000000          0
## 3747          0            0.000000          0
## 3748          1           23.000000          0
## 3749          2          116.000000          0
## 3750          2           26.000000          3
## 3751          4           90.500000          0
## 3752          0            0.000000          0
## 3753          9          159.716667          1
## 3754          0            0.000000          0
## 3755          0            0.000000          0
## 3756          0            0.000000          0
## 3757          1           18.000000          1
## 3758          2          156.000000          1
## 3759          3           47.000000          1
## 3760          4          766.833333          0
## 3761          0            0.000000          1
## 3762          0            0.000000          0
## 3763          0            0.000000          0
## 3764          0            0.000000          0
## 3765          4          318.666667          0
## 3766          6           63.000000          1
## 3767          0            0.000000          0
## 3768          1           14.000000          0
## 3769          1            5.384615          0
```

```
## 3770          0            0.000000          0
## 3771          0            0.000000          0
## 3772          1           15.000000          0
## 3773          4          147.500000          1
## 3774          2           10.000000          1
## 3775          0            0.000000          0
## 3776          0            0.000000          0
## 3777          0            0.000000          0
## 3778          0            0.000000          0
## 3779          0            0.000000          0
## 3780          5          131.200000          3
## 3781          3           61.500000          0
## 3782          2          386.000000          1
## 3783          3          179.500000          0
## 3784          0            0.000000          0
## 3785          0            0.000000          0
## 3786          0            0.000000          0
## 3787          1           45.500000          3
## 3788          0            0.000000          0
## 3789          2           26.666667          0
## 3790          0            0.000000          0
## 3791          4           91.000000          0
## 3792          0            0.000000          0
## 3793          0            0.000000          0
## 3794          0            0.000000          0
## 3795          3           44.750000          0
## 3796          5           53.000000          0
## 3797          1           49.000000          0
## 3798          1           53.000000          0
## 3799          0            0.000000          0
## 3800          0            0.000000          0
## 3801          2          225.000000          0
## 3802          7          108.000000          2
## 3803          2           90.000000          0
## 3804          2           84.000000          0
## 3805          0            0.000000          0
## 3806          5           33.000000          0
## 3807          4          368.833333          0
## 3808          5           73.500000          1
## 3809          5           68.666667          0
## 3810          0            0.000000          0
## 3811          3           45.000000          1
## 3812          8          839.000000          0
## 3813         12          402.500000          0
## 3814          0            0.000000          0
## 3815          1           33.000000          0
## 3816          1           19.000000          0
## 3817          0            0.000000          0
## 3818          1           51.000000          2
## 3819          0            0.000000          0
## 3820          0            0.000000          0
## 3821          1           31.000000          0
## 3822          2           21.333333          0
## 3823          6           71.500000          1
```

```
## 3824              7              51.000000            3
## 3825              0               0.000000            0
## 3826              2              72.500000            0
## 3827              0               0.000000            0
## 3828              0               0.000000            0
## 3829              2              71.300000            0
## 3830              0               0.000000            0
## 3831              0               0.000000            0
## 3832              1               0.000000            0
## 3833              5              37.000000            1
## 3834              0               0.000000            0
## 3835              2              30.000000            1
## 3836              2              23.000000            0
## 3837              0               0.000000            0
## 3838              1               4.000000            0
## 3839              0               0.000000            0
## 3840              0               0.000000            0
## 3841              2             105.000000            0
## 3842              0               0.000000            0
## 3843              1               4.000000            0
## 3844              0               0.000000            0
## 3845              0               0.000000            0
## 3846              0               0.000000            0
## 3847              1              20.500000            1
## 3848              1              38.000000            0
## 3849              1               6.000000            0
## 3850              5             112.333333            0
## 3851              0               0.000000            0
## 3852              0               0.000000            0
## 3853              6             245.466667            0
## 3854              5              86.166667            1
## 3855              0               0.000000            0
## 3856              1              10.000000            3
## 3857              0               0.000000            0
## 3858              4             104.500000            1
## 3859              0               0.000000            0
## 3860              0               0.000000            0
## 3861              0               0.000000            0
## 3862              0               0.000000            0
## 3863              0               0.000000            0
## 3864              9             177.000000            2
## 3865              0               0.000000            5
## 3866              5             129.500000            0
## 3867              3              52.000000            0
## 3868              0               0.000000            0
## 3869              0               0.000000            0
## 3870              2              25.500000            0
## 3871              0               0.000000            0
## 3872              2              87.250000            0
## 3873              4              57.500000            0
## 3874              0               0.000000            0
## 3875              5              50.666667            0
## 3876              5              41.000000            1
## 3877              8             294.500000            3
```

```
## 3878          0            0.000000          0
## 3879          4          362.000000          1
## 3880          0            0.000000          0
## 3881          7           96.000000          3
## 3882          0            0.000000          0
## 3883          4          157.000000          0
## 3884          0            0.000000          0
## 3885          8          820.800000          1
## 3886          0            0.000000          0
## 3887          0            0.000000          0
## 3888          0            0.000000          0
## 3889          8          157.000000          4
## 3890          4          316.833333          1
## 3891          2           17.000000          0
## 3893          0            0.000000          0
## 3894          0            0.000000          0
## 3895          0            0.000000          0
## 3896          2          235.000000          0
## 3897          9          367.000000          0
## 3898          4           51.019231          0
## 3899          4          165.000000          0
## 3900          0            0.000000          0
## 3901          0            0.000000          0
## 3902          0            0.000000          0
## 3903          0            0.000000          0
## 3904          0            0.000000          0
## 3905          0            0.000000          0
## 3906          6          175.000000          0
## 3907          1            4.000000          0
## 3908          0            0.000000          0
## 3909          0            0.000000          0
## 3910          0            0.000000          0
## 3911          3           38.166667          0
## 3912          0            0.000000          0
## 3913         14          375.278571          0
## 3914          1            0.000000          0
## 3915          3          143.000000          2
## 3916          0            0.000000          0
## 3917          9          139.000000          1
## 3918          1            9.000000          0
## 3919          0            0.000000          0
## 3920          1            8.000000          0
## 3921          5           96.250000          0
## 3922          0            0.000000          0
## 3923          1           72.000000          1
## 3924          6           40.666667          0
## 3925          0            0.000000          0
## 3926          2            0.000000          0
## 3927          1            4.000000          0
## 3928          0            0.000000          0
## 3929          0            0.000000          0
## 3930          2           38.333333          0
## 3931          0            0.000000          8
## 3932          5          114.666667          0
```

```
## 3933              0                0.000000             0
## 3934              0                0.000000             0
## 3935              1                9.000000             1
## 3936              6              142.300000             0
## 3937              2              180.000000             3
## 3938              2               87.000000             0
## 3939              5              339.166667             0
## 3940              2              133.000000             0
## 3941              0                0.000000             0
## 3942              0                0.000000             0
## 3943              0                0.000000             0
## 3944              0                0.000000             0
## 3945              3               64.000000             0
## 3946              0                0.000000             0
## 3947              0                0.000000             1
## 3948              1               24.500000             0
## 3949              0                0.000000             0
## 3950              0                0.000000             0
## 3951              0                0.000000             0
## 3952              0                0.000000             0
## 3953              8               41.000000             0
## 3954              2               81.500000             1
## 3955              0                0.000000             0
## 3956              9              219.250000             2
## 3957              0                0.000000             0
## 3958              0                0.000000             0
## 3959              0                0.000000             0
## 3960              0                0.000000             0
## 3961              0                0.000000             0
## 3962              1               11.000000             0
## 3963              0                0.000000             0
## 3964              0                0.000000             2
## 3965              1               35.000000             0
## 3966              0                0.000000             0
## 3967              7               78.300000             5
## 3968              4              120.000000             4
## 3969              1                5.000000             0
## 3970              0                0.000000             3
## 3971              0                0.000000             0
## 3972              0                0.000000             1
## 3973              2               15.600000             0
## 3974              0                0.000000             0
## 3975              0                0.000000             0
## 3976              0                0.000000             0
## 3977              8              259.833333             0
## 3978              1                5.000000             0
## 3979              1               15.000000             0
## 3980              0                0.000000             0
## 3981              0                0.000000             0
## 3982              6               88.000000             0
## 3983              0                0.000000             0
## 3984              0                0.000000             0
## 3985              0                0.000000             0
## 3986              0                0.000000             0
```

```
## 3987          0          0.000000          0
## 3988          0          0.000000          0
## 3989          5        389.000000          0
## 3990          0          0.000000          0
## 3991          4        122.500000          0
## 3992          2        127.000000          0
## 3993          1          0.000000          1
## 3994          0          0.000000          0
## 3995          0          0.000000          0
## 3996          2        139.000000          1
## 3997          0          0.000000          0
## 3998          3         78.500000          0
## 3999          2         96.000000          2
## 4000          2        162.000000          0
## 4001          4         41.333333          0
## 4002          0          0.000000          0
## 4003          0          0.000000          0
## 4004          0          0.000000          0
## 4005          1         69.000000          1
## 4006          0          0.000000          0
## 4007          0          0.000000          0
## 4008          3         48.000000          0
## 4009          0          0.000000          0
## 4010          2         84.500000          0
## 4011          0          0.000000          1
## 4012          0          0.000000          0
## 4013          4         85.000000          0
## 4014          3         72.500000          4
## 4015          0          0.000000          0
## 4016          0          0.000000          0
## 4017          0          0.000000          0
## 4018          2          5.000000          0
## 4019          2         73.000000          0
## 4020          0          0.000000          0
## 4021          0          0.000000          0
## 4022          5         35.750000          0
## 4023          0          0.000000          0
## 4024          8        149.500000          0
## 4025          0          0.000000          0
## 4026          3         91.500000          0
## 4027          5        117.333333          4
## 4028         13        388.300000          8
## 4029          0          0.000000          0
## 4030          1         27.000000          2
## 4031          8        245.083333          1
## 4032          3         13.000000          0
## 4033          0          0.000000          1
## 4034          0          0.000000          0
## 4035          4        214.000000          1
## 4036          3         99.000000          0
## 4037          0          0.000000          0
## 4038          5         52.500000          0
## 4039          0          0.000000          0
## 4040          0          0.000000          0
```

```
## 4041              0                0.000000             0
## 4042              0                0.000000             0
## 4043              5              142.500000             1
## 4044              1                4.000000             0
## 4045              0                0.000000             0
## 4046              0                0.000000             0
## 4047              3               37.000000             1
## 4048              0                0.000000             0
## 4049              0                0.000000             0
## 4050              5              543.000000             6
## 4051              0                0.000000             0
## 4052              0                0.000000             0
## 4053              5               79.000000             1
## 4054              0                0.000000             0
## 4055              0                0.000000             0
## 4056              0                0.000000             0
## 4057              8              143.166667             1
## 4058              0                0.000000             0
## 4059              0                0.000000             0
## 4060              2              738.000000             0
## 4061              4              132.000000             0
## 4062              2                9.166667             2
## 4063              8              245.166667             2
## 4064              0                0.000000             0
## 4065              0                0.000000             0
## 4066              8              246.500000             0
## 4067              0                0.000000             0
## 4068              4               65.166667             0
## 4069              7              156.900000             0
## 4070              0                0.000000             0
## 4071              4               74.214286             0
## 4072              0                0.000000             0
## 4073              5              210.777778             3
## 4074              0                0.000000             0
## 4075              0                0.000000             7
## 4076              3               92.166667             1
## 4077              3              102.000000             0
## 4078              1               37.000000             0
## 4079              0                0.000000             0
## 4080              0                0.000000             0
## 4081              2               51.000000             0
## 4082              3               90.511111             0
## 4083              0                0.000000             1
## 4084              2               37.000000             0
## 4085              8              185.000000             0
## 4086              0                0.000000             0
## 4087              0                0.000000             0
## 4088              0                0.000000             0
## 4089              0                0.000000             0
## 4090              1               21.000000             0
## 4091              0                0.000000             2
## 4092              0                0.000000             0
## 4093              0                0.000000             0
## 4094              3              131.000000             0
```

```
## 4095          1            0.000000          0
## 4096          0            0.000000          0
## 4097          0            0.000000          0
## 4098          0            0.000000          0
## 4099          4          165.000000          0
## 4100          1            6.000000          0
## 4101          1            6.000000          0
## 4102          3           30.000000          0
## 4103          3          222.500000          0
## 4104          0            0.000000          0
## 4105          2            8.500000          0
## 4106         15          641.535714          3
## 4107          0            0.000000          0
## 4108          0            0.000000          0
## 4109         10          815.766667          3
## 4110          7          128.166667          1
## 4111          0            0.000000          0
## 4112          6          203.500000          0
## 4113         10         1271.500000          0
## 4114          0            0.000000          0
## 4115         11          494.166667          4
## 4116         13          313.033333          0
## 4117          0            0.000000          2
## 4118          0            0.000000          0
## 4119          3           61.196429          0
## 4120          2           10.000000          5
## 4121          3          602.000000          0
## 4122          0            0.000000          0
## 4123          0            0.000000          0
## 4124          0            0.000000          0
## 4125          0            0.000000          0
## 4126          0            0.000000          0
## 4127          0            0.000000          0
## 4128          0            0.000000          0
## 4129          0            0.000000          0
## 4130          3           19.000000          0
## 4131         11          157.058333          5
## 4132          4          203.500000          0
## 4133          6           99.500000          0
## 4134          2          279.500000          0
## 4135         11          334.750000          0
## 4136          0            0.000000          0
## 4137          0            0.000000          0
## 4138          4          144.500000          0
## 4139          0            0.000000          0
## 4140          0            0.000000          0
## 4141          2          282.500000          0
## 4142          0            0.000000          0
## 4143          0            0.000000          0
## 4144          2           46.333333          0
## 4145          0            0.000000          0
## 4146          0            0.000000          0
## 4147          5          321.666667          7
## 4148          0            0.000000          0
```

```
## 4149          0            0.000000          1
## 4150          2           29.000000          0
## 4151          7           84.666667          2
## 4152          3           54.000000          0
## 4153          0            0.000000          0
## 4154          4           94.000000          0
## 4155          1           70.000000          0
## 4156          0            0.000000          0
## 4157          0            0.000000          0
## 4158         10          253.900000          7
## 4159          0            0.000000          0
## 4160          0            0.000000          0
## 4161          2           44.000000          2
## 4162          0            0.000000          0
## 4163          7          105.750000          0
## 4165          0            0.000000          0
## 4166          8          117.500000          0
## 4167          0            0.000000          0
## 4168          0            0.000000          0
## 4169          1          512.000000          0
## 4170          2          100.000000          1
## 4171          0            0.000000          0
## 4172          0            0.000000          0
## 4173         10          196.000000          0
## 4174         17          975.750000          0
## 4175          1            7.000000          1
## 4176          0            0.000000          0
## 4177          0            0.000000          0
## 4178          2          143.800000          1
## 4179          0            0.000000          0
## 4180          3           32.000000          0
## 4181          7          129.666667          3
## 4182         10          323.550000          0
## 4184          0            0.000000          0
## 4185          4          198.500000          0
## 4186          4          153.250000          0
## 4187          0            0.000000          0
## 4188          1            0.000000          2
## 4189          0            0.000000          0
## 4190          5           99.000000          0
## 4191          1            5.000000          0
## 4192          4          109.500000          0
## 4193          0            0.000000          0
## 4194          7         1474.500000          2
## 4195          2           38.000000          0
## 4196          5           73.000000          0
## 4197          0            0.000000          0
## 4198          3           19.333333          0
## 4199          0            0.000000          0
## 4200         10          464.150000          4
## 4201          0            0.000000          0
## 4202          0            0.000000          1
## 4203          0            0.000000          0
## 4204          0            0.000000          0
```

```
## 4205              1                0.000000             0
## 4206              0                0.000000             0
## 4207              6              523.333333             3
## 4208              6              162.500000             0
## 4209              0                0.000000             0
## 4210              2               42.000000             0
## 4211              0                0.000000             0
## 4212              1                4.000000             0
## 4213              0                0.000000             0
## 4214              2              173.000000             0
## 4215              0                0.000000             0
## 4216              3               45.000000             0
## 4217              0                0.000000             0
## 4218              0                0.000000             0
## 4219              1                4.000000             0
## 4220              0                0.000000             0
## 4221              8               77.000000             0
## 4222              0                0.000000             0
## 4223              4               98.000000             1
## 4224              1               15.000000             0
## 4225              0                0.000000             0
## 4226              0                0.000000             0
## 4227              8               31.100000            11
## 4228              4               76.166667             0
## 4229              0                0.000000             0
## 4230              0                0.000000             1
## 4231              9              299.633333             4
## 4233              1                4.000000             0
## 4234              0                0.000000             0
## 4235              8              433.100000             2
## 4236              3               35.333333             0
## 4237              0                0.000000             0
## 4238              0                0.000000             0
## 4239              0                0.000000             0
## 4240              1               14.000000             0
## 4241              0                0.000000             0
## 4242              0                0.000000             1
## 4243              0                0.000000             0
## 4244              0                0.000000             0
## 4245              0                0.000000             1
## 4246              2               10.000000             1
## 4247              6              140.333333             0
## 4248              4              127.000000             0
## 4249              5              200.000000             1
## 4250              0                0.000000             0
## 4251              4               44.500000             0
## 4252              4               63.000000             0
## 4253              5               77.500000             0
## 4254              3              270.000000             1
## 4255              0                0.000000             0
## 4256              0                0.000000             0
## 4257              0                0.000000             0
## 4258              9              104.985714             0
## 4259              3              117.000000             0
```

```
## 4260              8              57.500000            0
## 4261              2             310.857143            3
## 4262              2              37.000000            0
## 4263              2              88.000000            2
## 4264              8             732.250000            0
## 4265              0               0.000000            0
## 4266              0               0.000000            0
## 4267              4             126.500000            0
## 4268              1               9.000000            0
## 4269             10             139.500000            0
## 4270              1              42.000000            1
## 4271              0               0.000000            0
## 4272              0               0.000000            1
## 4273              9             216.750000            0
## 4274              8             321.600000            0
## 4275              1               9.000000            0
## 4276              9             666.000000            0
## 4277              0               0.000000            0
## 4278              0               0.000000            0
## 4279              8             332.666667            8
## 4280              2             115.000000            5
## 4281              3              17.000000            0
## 4282              2              45.000000            0
## 4283              3              59.000000            0
## 4284              0               0.000000            1
## 4285              1              11.000000            0
## 4286              5             661.000000            3
## 4287              0               0.000000            0
## 4288              0               0.000000            1
## 4289              0               0.000000            0
## 4290              0               0.000000            0
## 4291              1              24.000000            0
## 4292              0               0.000000            0
## 4293              0               0.000000            0
## 4294              0               0.000000            0
## 4295              0               0.000000            0
## 4296              4             259.000000            1
## 4297              0               0.000000            0
## 4298              4              46.000000            1
## 4299              0               0.000000            0
## 4300             15             591.663636            0
## 4301              0               0.000000            1
## 4302              8             228.833333            1
## 4303              0               0.000000            0
## 4304              0               0.000000            0
## 4305              0               0.000000            0
## 4306              0               0.000000            0
## 4307              0               0.000000            0
## 4308              1              18.000000            0
## 4309              0               0.000000            0
## 4310              0               0.000000            1
## 4311              0               0.000000            0
## 4312              0               0.000000            0
## 4313              4             221.000000            0
```

```
## 4314          1            0.000000          0
## 4315          0            0.000000          0
## 4316          0            0.000000          0
## 4317         15          370.275000         12
## 4318          6           34.400000          0
## 4319          0            0.000000          0
## 4320          0            0.000000          0
## 4321          6          200.333333          0
## 4322          7          214.333333          5
## 4323          0            0.000000          0
## 4324          9          208.400000          0
## 4325          0            0.000000          0
## 4326          0            0.000000          0
## 4327          9          779.355662          4
## 4328          1            9.500000          0
## 4329          0            0.000000          0
## 4330          8          172.200000          0
## 4331          0            0.000000          0
## 4332          9           64.088235          1
## 4333          4          160.583333          1
## 4334          5           62.000000          0
## 4335          0            0.000000          0
## 4336          0            0.000000          0
## 4337          2           67.000000          0
## 4338          0            0.000000          0
## 4339          0            0.000000          0
## 4340          0            0.000000          0
## 4341          0            0.000000          0
## 4342          5          262.500000          0
## 4343          0            0.000000          0
## 4345          0            0.000000          0
## 4346          0            0.000000          0
## 4347          2           39.500000          4
## 4348          4           87.000000          0
## 4349          4          244.000000          0
## 4350          0            0.000000          0
## 4351          1           21.000000          0
## 4352          0            0.000000          0
## 4353         10          293.000000          0
## 4354          7          340.611111          2
## 4355          3           30.500000          0
## 4356          1            3.000000          0
## 4357          0            0.000000          0
## 4358          4           89.500000          0
## 4359          8          137.075000          0
## 4360          7          157.500000          1
## 4361          0            0.000000          0
## 4362          0            0.000000          0
## 4363          4           45.000000          0
## 4364          0            0.000000          0
## 4365          0            0.000000          0
## 4366          0            0.000000          0
## 4367          0            0.000000          0
## 4368          0            0.000000          0
```

```
## 4369              2              88.000000            0
## 4370              0               0.000000            0
## 4371              1              87.000000            0
## 4372              3             106.000000            0
## 4373              9             726.366667            0
## 4374              1               8.000000            0
## 4376              1              43.666667            0
## 4377              0               0.000000            0
## 4378              0               0.000000            0
## 4379             14            1261.916667           12
## 4380              3              74.000000            0
## 4381              2              59.000000            0
## 4382              2              32.000000            2
## 4383              0               0.000000            0
## 4384              7             123.500000            0
## 4385              4              60.000000            2
## 4386              0               0.000000            0
## 4387              0               0.000000            0
## 4388              0               0.000000            0
## 4389              6             224.000000            0
## 4390              8              71.666667            0
## 4391              0               0.000000            0
## 4392              2              28.000000            0
## 4393              0               0.000000            0
## 4394              4              61.500000            0
## 4395              1               2.000000            1
## 4396              0               0.000000            0
## 4397              1               0.000000            0
## 4398              0               0.000000            0
## 4399             16             770.600000            0
## 4400              0               0.000000            0
## 4401              1             101.000000            0
## 4402              6             186.866667            0
## 4403              0               0.000000            0
## 4405              2              53.500000            0
## 4406              0               0.000000            0
## 4407              4              82.666667            0
## 4408              0               0.000000            0
## 4409             10             236.900000            0
## 4410              0               0.000000            0
## 4411              0               0.000000            0
## 4412              5              39.000000            2
## 4413              1             194.000000            0
## 4414              2              44.000000            0
## 4415              0               0.000000            0
## 4416              0               0.000000            0
## 4417              0               0.000000            0
## 4418              9             424.000000            0
## 4419              0               0.000000            0
## 4420              8              62.500000            0
## 4421              0               0.000000            0
## 4422              4             134.500000            2
## 4423              0               0.000000            0
## 4424              6             253.750000            3
```

```
## 4425          5          76.333333          2
## 4426          0           0.000000          0
## 4428          0           0.000000          0
## 4429          4         158.000000          0
## 4430          0           0.000000          0
## 4431          3          53.000000          0
## 4432          7         161.250000          1
## 4433          2         471.500000          5
## 4434         10          62.500000          1
## 4435          3         135.500000          0
## 4436          0           0.000000          1
## 4437          0           0.000000          0
## 4438          3          80.000000          1
## 4439          4          75.000000          0
## 4440          2          57.000000          0
## 4441          0           0.000000          0
## 4442          6          75.000000          0
## 4443          1          89.000000          0
## 4444         13         313.090909          4
## 4445          3         137.566667          2
## 4446          0           0.000000          0
## 4447          5          47.071429          0
## 4448          0           0.000000          0
## 4449          0           0.000000          0
## 4450          6         132.000000          1
## 4451          3          46.000000          3
## 4452          2         273.000000          1
## 4453          0           0.000000          0
## 4454          3         105.000000          0
## 4455          1           3.000000          0
## 4456          0           0.000000          0
## 4457          3         109.000000          0
## 4458          0           0.000000          0
## 4459          1          19.000000          0
## 4460          0           0.000000          0
## 4461          0           0.000000          0
## 4462          2           0.000000          0
## 4463          3         405.166667          2
## 4465          0           0.000000          0
## 4466          0           0.000000          0
## 4467          3          25.400000          0
## 4468          1          52.000000          0
## 4469          1           0.000000          0
## 4470          4         174.000000          0
## 4471          0           0.000000          0
## 4472          0           0.000000          0
## 4473          9         406.416667          0
## 4474          1           6.400000          0
## 4475          0           0.000000          0
## 4476          0           0.000000          0
## 4477          1          18.000000          0
## 4478          0           0.000000          0
## 4479          0           0.000000          0
## 4480          1          63.000000          0
```

```
## 4481          0            0.000000          0
## 4482          0            0.000000          0
## 4483          1            0.000000          0
## 4484          0            0.000000          0
## 4485          2          179.000000          1
## 4486          7          271.333333          0
## 4487          0            0.000000          0
## 4488          0            0.000000          0
## 4489          7          280.000000          0
## 4491          3          168.000000          1
## 4492          3           48.000000          0
## 4493          0            0.000000          0
## 4494          8          674.000000          0
## 4495          0            0.000000          0
## 4496          7           40.500000          0
## 4497          2          820.000000          0
## 4498          0            0.000000          0
## 4499          0            0.000000          0
## 4500          0            0.000000          0
## 4501          4          104.000000          1
## 4502          1          108.000000          0
## 4503          4           64.500000          0
## 4504          0            0.000000          0
## 4505          1           18.000000          0
## 4506          9          255.866667          0
## 4507          3          209.000000          0
## 4508          0            0.000000          0
## 4509          1           37.000000          0
## 4510         22         1951.279141          1
## 4511          0            0.000000          1
## 4512          6           70.500000          2
## 4513          0            0.000000          0
## 4514          1          132.000000          0
## 4515          0            0.000000          0
## 4516         13          318.720238          1
## 4517          9           98.944444          1
## 4518          0            0.000000          0
## 4519          5          215.500000          0
## 4520          0            0.000000          0
## 4521          2           17.000000          2
## 4522         15          365.111111          4
## 4523          0            0.000000          0
## 4524          0            0.000000          0
## 4525          0            0.000000          0
## 4526          0            0.000000          0
## 4527          0            0.000000          0
## 4528          0            0.000000          2
## 4529          0            0.000000          0
## 4530          0            0.000000          0
## 4531          4           84.000000          3
## 4532          3          119.000000          0
## 4533          5           84.333333          1
## 4534          0            0.000000          0
## 4535          0            0.000000          0
```

```
## 4536              0                0.000000             0
## 4537              3              118.000000             0
## 4538              0                0.000000             0
## 4539              0                0.000000             0
## 4540              4               36.000000             0
## 4541              6              108.000000             2
## 4542              2               10.000000             1
## 4543              3              377.000000             0
## 4544              2               33.000000             0
## 4545              4              155.000000             0
## 4546              3               17.000000             0
## 4547              5              136.000000             0
## 4548              1                4.000000             0
## 4549              0                0.000000             0
## 4550              6               98.833333             1
## 4551              0                0.000000             1
## 4552              0                0.000000             0
## 4554              0                0.000000             0
## 4555              0                0.000000             1
## 4556              1               43.000000             0
## 4557             12              633.500000             0
## 4558              0                0.000000             0
## 4559              0                0.000000             0
## 4560              0                0.000000             0
## 4561              1               23.000000             2
## 4562              0                0.000000             3
## 4563              0                0.000000             0
## 4564              2               45.000000             2
## 4565              0                0.000000             0
## 4566              1                0.000000             0
## 4567              2               51.000000             0
## 4568              5               47.333333             0
## 4569              3               73.500000             8
## 4570              0                0.000000             0
## 4571              0                0.000000             0
## 4572              0                0.000000             0
## 4573              0                0.000000             0
## 4574              5              109.833333             1
## 4575              3              738.400000             0
## 4576              0                0.000000             0
## 4577              8              178.166667             1
## 4578              0                0.000000             0
## 4579              4              173.250000             0
## 4580              0                0.000000             3
## 4581              6              102.500000             1
## 4582              0                0.000000             1
## 4583              0                0.000000             0
## 4584              0                0.000000             0
## 4585              0                0.000000             0
## 4586              6              281.333333             3
## 4587              0                0.000000             0
## 4588              3               75.000000             0
## 4589              0                0.000000             0
## 4590              0                0.000000             0
```

```
## 4591          0            0.000000          0
## 4592          3          515.000000          0
## 4593          0            0.000000          0
## 4594          3          195.000000          0
## 4595          2           31.333333          2
## 4596          0            0.000000          0
## 4597          0            0.000000          0
## 4598          0            0.000000          0
## 4599          4          183.000000          1
## 4600          0            0.000000          0
## 4601          0            0.000000          0
## 4602         11         1064.000000          1
## 4603          0            0.000000          0
## 4604          9          208.266667          0
## 4605          0            0.000000          0
## 4606          0            0.000000          0
## 4607          3           14.500000          0
## 4608          0            0.000000          0
## 4609          4          112.000000          0
## 4610          4          103.000000          0
## 4611          0            0.000000          0
## 4612          5           69.500000          0
## 4613          0            0.000000          0
## 4614          3          334.600000          0
## 4615          0            0.000000          0
## 4616          2           29.000000          1
## 4617          5          115.111111          2
## 4618          0            0.000000          0
## 4619          0            0.000000          0
## 4620          0            0.000000          0
## 4621          0            0.000000          0
## 4622          2           51.666667          0
## 4623          5           78.400000          0
## 4624          2           58.000000          0
## 4625          0            0.000000          0
## 4626          0            0.000000          0
## 4627          0            0.000000          0
## 4628          0            0.000000          0
## 4629          0            0.000000          0
## 4630          0            0.000000          0
## 4631          8           50.750000          1
## 4632          0            0.000000          0
## 4633          4           15.000000          1
## 4634          0            0.000000          0
## 4635          0            0.000000          0
## 4636          0            0.000000          0
## 4637          0            0.000000          0
## 4638          4           99.291667          0
## 4639          0            0.000000          0
## 4640          0            0.000000          0
## 4641          0            0.000000          0
## 4642          3           99.000000          0
## 4643          7          624.200000          3
## 4644          3           96.000000          0
```

```
## 4645          0            0.000000          0
## 4646          6         1279.500000          0
## 4647          0            0.000000          0
## 4648          3           34.000000          1
## 4649          0            0.000000          0
## 4650          1          174.000000          0
## 4651          0            0.000000          0
## 4652          6           49.183333          0
## 4653          0            0.000000          0
## 4654          0            0.000000          0
## 4655          0            0.000000          0
## 4656         10          237.833333          2
## 4657          2           15.000000          0
## 4658          0            0.000000          2
## 4659          5           91.500000          0
## 4660          0            0.000000          0
## 4661          0            0.000000          0
## 4662          0            0.000000          0
## 4663          0            0.000000          0
## 4664          8          228.500000          0
## 4665         10          268.166667          0
## 4666          0            0.000000          0
## 4667          0            0.000000          0
## 4668          0            0.000000          0
## 4669          1           54.000000          0
## 4670          0            0.000000          0
## 4671          7          147.790769          2
## 4672          4          141.761905          0
## 4673          0            0.000000          0
## 4674          0            0.000000          0
## 4675         11           82.234848          0
## 4676          0            0.000000          0
## 4677          0            0.000000          0
## 4678          0            0.000000          0
## 4679          7          213.433333          0
## 4680          5          176.000000          0
## 4681          5          454.000000          1
## 4682         16          313.866667          3
## 4683          3           25.200000          0
## 4684          3          152.000000          0
## 4685          0            0.000000          0
## 4686          0            0.000000          0
## 4687          0            0.000000          0
## 4688          1           40.250000          0
## 4689          3           39.500000          2
## 4690          1           31.000000          2
## 4691          0            0.000000          0
## 4692          0            0.000000          0
## 4693          0            0.000000          0
## 4694          5           46.000000          1
## 4695          1           32.000000          0
## 4696          5           43.750000          1
## 4697          4          182.000000          0
## 4698          5          248.800000          4
```

```
## 4699              1              15.000000            1
## 4700              0               0.000000            0
## 4701             13             189.221515            3
## 4702              0               0.000000            0
## 4703              4              89.800000            1
## 4704              0               0.000000            0
## 4705              0               0.000000            0
## 4706              0               0.000000            0
## 4707              0               0.000000            0
## 4708              3              61.666667            0
## 4709              1             101.000000            0
## 4710              0               0.000000            0
## 4711              1             113.666667            1
## 4712              0               0.000000            0
## 4713              0               0.000000            2
## 4714              0               0.000000            0
## 4715              1              19.333333            1
## 4716              0               0.000000            0
## 4717              4              75.000000            0
## 4718              0               0.000000            0
## 4719              0               0.000000            0
## 4720              0               0.000000            1
## 4721              0               0.000000            0
## 4722              0               0.000000            0
## 4723              1               4.000000            0
## 4724              0               0.000000            0
## 4725              3              51.000000            3
## 4726              7             989.900000            0
## 4727              0               0.000000            0
## 4728              1               5.000000            0
## 4729              2              67.666667            1
## 4730              0               0.000000            0
## 4731              0               0.000000            0
## 4732              0               0.000000            0
## 4733              4             298.000000            1
## 4734              0               0.000000            0
## 4735              2             107.000000            0
## 4736              0               0.000000            0
## 4737              0               0.000000            0
## 4738              0               0.000000            0
## 4739              0               0.000000            0
## 4740              0               0.000000            0
## 4741              3              61.000000            0
## 4742              0               0.000000            0
## 4743              5              75.892857            0
## 4744              0               0.000000            0
## 4745              3              37.500000            0
## 4746              0               0.000000            0
## 4747              0               0.000000            0
## 4748              0               0.000000            0
## 4749              1              36.000000            0
## 4750              5             123.500000            2
## 4751              1             116.000000            0
## 4752              8             127.700000            3
```

```
## 4753          2          54.000000          0
## 4754          2          24.000000          0
## 4755          1          19.000000          0
## 4756          0           0.000000          0
## 4757          0           0.000000          0
## 4758          0           0.000000          0
## 4759          6          98.666667          3
## 4760          1          31.000000          2
## 4761          4         139.000000          1
## 4762          1          24.000000          1
## 4763          2          37.000000          0
## 4764          0           0.000000          2
## 4765          0           0.000000          0
## 4766          0           0.000000          2
## 4767          1           2.000000          0
## 4768          1           0.000000          0
## 4769          0           0.000000          0
## 4770          6         141.500000          3
## 4771          2          86.000000          0
## 4772          0           0.000000          0
## 4773          0           0.000000          0
## 4774          0           0.000000          0
## 4775          7         149.916667          0
## 4776          1          21.000000          0
## 4777          0           0.000000          0
## 4778          1           5.000000          0
## 4779          8          26.416667          1
## 4780          0           0.000000          0
## 4781          2          48.833333          6
## 4782          4          88.628571          0
## 4783          0           0.000000          0
## 4784          0           0.000000          0
## 4785          2          52.000000          0
## 4786          0           0.000000          0
## 4787          7         119.000000          0
## 4788          3          39.000000          0
## 4789         12          81.222222          0
## 4790          0           0.000000          1
## 4791          0           0.000000          0
## 4792          4          91.333333          0
## 4793          0           0.000000          0
## 4794          9         181.375000          0
## 4795          0           0.000000          0
## 4796          4         115.000000          0
## 4797          1          17.000000          0
## 4798          3          74.000000          0
## 4799          6         135.500000          0
## 4800          0          -1.000000          0
## 4801          0           0.000000          0
## 4802          0           0.000000          0
## 4803          6         561.000000          0
## 4804          0           0.000000          0
## 4805          0           0.000000          0
## 4806          5          60.000000          1
```

```
## 4807              0                0.000000             0
## 4808              4              114.333333             0
## 4809              2               70.000000             0
## 4810              4              147.333333             0
## 4811              1                5.000000             0
## 4812              1               56.000000             0
## 4813              0                0.000000             0
## 4814              0                0.000000             1
## 4815              0                0.000000             0
## 4816              0                0.000000             0
## 4817              6              394.100000             4
## 4819              0                0.000000             0
## 4820              0                0.000000             0
## 4821              2               56.200000             0
## 4822              6              104.113636             3
## 4823              0                0.000000             0
## 4824              0                0.000000             0
## 4825              0                0.000000             0
## 4826              0                0.000000             0
## 4827              0                0.000000             3
## 4828              0                0.000000             0
## 4829              5             1023.000000             0
## 4830              0                0.000000             0
## 4831              0                0.000000             0
## 4832              5              341.400000             0
## 4833              8              117.023809             2
## 4834              3              150.000000             0
## 4835              0                0.000000             0
## 4836              0                0.000000             0
## 4837              6              449.250000             0
## 4838              2               14.000000             2
## 4839              0                0.000000             0
## 4840              0                0.000000             0
## 4841              0                0.000000             2
## 4842              8              121.166667             0
## 4843              0                0.000000             0
## 4844              0                0.000000             0
## 4845              9              146.250000             0
## 4846              7              233.000000             0
## 4847              2              135.000000             0
## 4848              0                0.000000             0
## 4849              2              127.000000             0
## 4850              0                0.000000             0
## 4851              5              224.583333             5
## 4852              1               23.000000             0
## 4853              0                0.000000             0
## 4854              0                0.000000             0
## 4855             10              268.000000             2
## 4856              0                0.000000             0
## 4857              1               16.000000             0
## 4858              2               55.000000             1
## 4859              0                0.000000             0
## 4860              1                4.000000             0
## 4861              0                0.000000             0
```

```
## 4862              0                0.000000             0
## 4863              0                0.000000             0
## 4864              0                0.000000             0
## 4865              0                0.000000             0
## 4866              1                0.000000             3
## 4867              3               33.000000             0
## 4868              1               15.000000             1
## 4869              0                0.000000             0
## 4870              4               46.400000             0
## 4871             12              672.095238             2
## 4872              3              604.500000             6
## 4873              1               90.000000             0
## 4874              0                0.000000             0
## 4875              7              188.166667             0
## 4876              0                0.000000             0
## 4877              0                0.000000             0
## 4878              0                0.000000             0
## 4879              4               82.000000             0
## 4880              1              178.000000             0
## 4881              4              177.000000             0
## 4882              0                0.000000             0
## 4883              0                0.000000             1
## 4885              5             2156.166667             2
## 4886              0                0.000000             0
## 4887              0                0.000000             0
## 4888              0                0.000000             0
## 4889              5              105.500000             0
## 4890              6              475.750000             1
## 4891              0                0.000000             0
## 4892              1               30.000000             0
## 4893              6               79.100000             0
## 4894              0                0.000000             0
## 4895              0                0.000000             1
## 4896              1               34.000000             0
## 4897              0                0.000000             0
## 4898              6              595.100000             3
## 4899              0                0.000000             0
## 4900              7               74.000000             3
## 4901              6              212.000000             1
## 4902              3               27.533333             1
## 4903              4              133.583333             2
## 4904             11              136.333333             2
## 4905              9              417.250000             0
## 4906              0                0.000000             0
## 4907              1               56.000000             0
## 4908              4               40.500000             0
## 4909              0                0.000000             0
## 4910              0                0.000000             0
## 4911              0                0.000000             0
## 4912              0                0.000000             0
## 4913              0                0.000000             0
## 4915              0                0.000000             0
## 4916              0               -1.000000             0
## 4917              0                0.000000             0
```

```
## 4918              1              90.000000            0
## 4919              8             114.500000            0
## 4920              0               0.000000            0
## 4921              6             124.861111            3
## 4922              0               0.000000            0
## 4923              3              54.000000            0
## 4924              2              47.666667            0
## 4925              0               0.000000            0
## 4926              0               0.000000            0
## 4927              0               0.000000            0
## 4928              3              60.000000            0
## 4929              5             236.250000            0
## 4930              0               0.000000            0
## 4931              1               6.000000            0
## 4932              0               0.000000            0
## 4933              2              57.000000            0
## 4934              8              57.833333            1
## 4935              0               0.000000            0
## 4936              0               0.000000            0
## 4937              8             440.104167            7
## 4938             24             290.860369            6
## 4939              0               0.000000            0
## 4940              0               0.000000            0
## 4941              4              80.000000            0
## 4942              2              17.000000            0
## 4943              1               4.000000            0
## 4944              0               0.000000            0
## 4945              0               0.000000            1
## 4946              2             683.000000            0
## 4947              0               0.000000            1
## 4948              2              11.000000            0
## 4949              0               0.000000            0
## 4950              4              91.000000            3
## 4951              2             115.600000            2
## 4952              0               0.000000            0
## 4953              7             170.833333            1
## 4954              7              67.000000            2
## 4955              0               0.000000            0
## 4956              0               0.000000            0
## 4957              0               0.000000            0
## 4958              0               0.000000            0
## 4959              0               0.000000            0
## 4960              0               0.000000            0
## 4961              2              42.500000            0
## 4962              0               0.000000            0
## 4963              2               4.000000            0
## 4964              9             105.428571            1
## 4965              1              22.000000            0
## 4966              0               0.000000            0
## 4967              1              78.000000            1
## 4968              8             197.666667            0
## 4969              3             148.000000            2
## 4970              0               0.000000            0
## 4971              2               0.000000            0
```

```
## 4972          2          27.583333          0
## 4973          0           0.000000          0
## 4974          0           0.000000          0
## 4975          0           0.000000          2
## 4976          0           0.000000          3
## 4977          0           0.000000          0
## 4978          1          14.000000          1
## 4979          0           0.000000          0
## 4980          0           0.000000          0
## 4981          0           0.000000          0
## 4982          5          81.666667          0
## 4983          0           0.000000          0
## 4984          0           0.000000          0
## 4985          0           0.000000          0
## 4986          3          47.000000          0
## 4987          1          55.000000          2
## 4988          3         470.000000          0
## 4989          0           0.000000          0
## 4990          0           0.000000          0
## 4991          5          73.500000          1
## 4992          0           0.000000          0
## 4993          3         120.250000          5
## 4994          3         156.800000          4
## 4995          4         417.000000          0
## 4996          1           7.000000          0
## 4997          0           0.000000          0
## 4998          2          11.000000          1
## 4999          3         285.800000          1
## 5000          0           0.000000          0
## 5001          0           0.000000          0
## 5002          1           7.000000          0
## 5003          0           0.000000          0
## 5004          1          28.000000          0
## 5005          2        1172.000000          0
## 5006          5         200.500000          0
## 5007          5         237.250000          0
## 5008          0           0.000000          0
## 5009          7         221.000000          0
## 5010         13         611.047059          7
## 5011          0           0.000000          0
## 5012          0           0.000000          0
## 5013          0           0.000000          0
## 5014          0           0.000000          3
## 5015          0           0.000000          0
## 5016          0           0.000000          0
## 5017          1           4.000000          0
## 5018          0           0.000000          0
## 5019          1          17.000000          4
## 5020          8         224.000000          0
## 5021          1           3.000000          0
## 5022          0           0.000000          0
## 5023          1          14.000000          1
## 5024          0           0.000000          0
## 5025          0           0.000000          2
```

```
## 5026          0            0.000000          0
## 5027          0            0.000000          0
## 5028         10          586.648019          3
## 5029          3           14.000000          0
## 5030          0            0.000000          0
## 5031         10          363.333333          0
## 5032         10          154.791667          2
## 5033          0            0.000000          0
## 5034          0            0.000000          0
## 5035          1           17.500000          0
## 5036          0            0.000000          2
## 5037          0            0.000000          0
## 5038          0            0.000000          0
## 5040          9          183.708333          1
## 5041          1           33.000000          1
## 5042          0            0.000000          2
## 5043          3          112.000000          0
## 5045          1           76.000000          0
## 5046         18          255.716667          0
## 5047          0            0.000000          0
## 5048          3           83.000000          0
## 5049          0            0.000000          0
## 5050          0            0.000000          0
## 5051          1           51.000000          0
## 5052         12          194.036232          3
## 5053          0            0.000000          0
## 5054          0            0.000000          0
## 5055          0            0.000000          0
## 5056          1           57.000000          3
## 5058          0            0.000000          0
## 5059          2           11.500000          0
## 5060          1            9.000000          1
## 5061          0            0.000000          0
## 5062          0            0.000000          0
## 5063          0            0.000000          0
## 5064          0            0.000000          0
## 5065          0            0.000000          0
## 5066          0            0.000000          0
## 5067          2           15.000000          0
## 5068          8          201.333333          2
## 5069          0            0.000000          0
## 5070          0            0.000000          0
## 5071          0            0.000000          0
## 5072          3           26.000000          0
## 5073          7          134.750000          0
## 5074          2           16.000000          0
## 5075          0            0.000000          0
## 5076          4          116.000000          1
## 5077          3           42.000000          0
## 5078          0            0.000000          0
## 5079          0            0.000000          0
## 5080          2           29.000000          1
## 5081          2           12.000000          0
## 5082          0            0.000000          0
```

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## 5083          1            0.000000          1
## 5084          1           43.000000          0
## 5085          0            0.000000          0
## 5086          3          108.000000          0
## 5087          0            0.000000          0
## 5088          0            0.000000          1
## 5089          3           57.000000          1
## 5090          6          110.000000          0
## 5091         12          310.633333          0
## 5092          4          699.000000          0
## 5093          0            0.000000          0
## 5094          0            0.000000          0
## 5095          8           85.500000          0
## 5096          0           -1.000000          0
## 5097          0           -1.000000          0
## 5098          0            0.000000          0
## 5099          0            0.000000          0
## 5100          2          248.000000          1
## 5101          3           53.000000          2
## 5102          0            0.000000          0
## 5103          9          363.875000          0
## 5104          0            0.000000          0
## 5105          0            0.000000          0
## 5106          1          115.000000          0
## 5107          0            0.000000          0
## 5108          0           -1.000000          0
## 5109          1           11.000000          0
## 5110          0            0.000000          0
## 5111          0            0.000000          0
## 5112          8          274.500000          0
## 5113          0            0.000000          0
## 5114          0            0.000000          0
## 5115          2          178.000000          0
## 5116          6           17.000000          0
## 5117          5           78.000000          0
## 5118          0            0.000000          0
## 5120          0            0.000000          0
## 5121          0            0.000000          0
## 5122          0            0.000000          0
## 5123          0            0.000000          0
## 5124          5          188.000000          0
## 5125          1           -1.000000          0
## 5126          0            0.000000          0
## 5127          0            0.000000          0
## 5128          5           75.000000          0
## 5129          4           38.305556          0
## 5130          0            0.000000          0
## 5131          5          130.333333          1
## 5132          1           28.000000          0
## 5133          1          273.000000          2
## 5134          0            0.000000          0
## 5135          0            0.000000          0
## 5136          6           89.000000          1
## 5137          0            0.000000          0
```

```
## 5138          0            0.000000          0
## 5139          0            0.000000          0
## 5140          5          131.995614          0
## 5141          4          147.666667          2
## 5142          1           18.500000          0
## 5143          2           78.000000          0
## 5144          0            0.000000          0
## 5145          3           26.000000          0
## 5146          9          249.500000          0
## 5147          7          356.000000          1
## 5148          0            0.000000          0
## 5149          2           25.000000          0
## 5150          6          169.566667          0
## 5151          6           46.272727          0
## 5152          4           74.333333          3
## 5153         17         2629.253968         24
## 5154          3           92.000000          0
## 5155          0            0.000000          0
## 5156          0            0.000000          0
## 5157          0            0.000000          0
## 5158          0            0.000000          0
## 5159          2           79.500000          2
## 5160          2           70.666667          1
## 5161          0            0.000000          0
## 5162          9          150.000000          0
## 5163          2           46.500000          1
## 5164          0            0.000000          0
## 5165          0            0.000000          0
## 5166          0            0.000000          0
## 5167          1           44.000000          0
## 5168          0            0.000000          0
## 5169          0            0.000000          0
## 5170          0            0.000000          0
## 5171          0            0.000000          0
## 5172          0            0.000000          0
## 5173          3           45.000000          0
## 5174          2           32.000000          0
## 5175          7          176.500000          0
## 5176          0            0.000000          0
## 5177          0            0.000000          0
## 5178          0            0.000000          0
## 5179          7          286.833333          7
## 5180          0            0.000000          0
## 5181          0            0.000000          0
## 5182          0            0.000000          0
## 5183          9           65.500000          0
## 5184          2          101.500000          0
## 5185          0            0.000000          2
## 5186          9          134.766667          0
## 5187          3          159.000000          2
## 5188          4           92.000000          0
## 5189          7          187.166667          2
## 5190          1           30.500000          1
## 5191          5           46.000000          0
```

```
## 5192          0            0.000000          0
## 5193          1           10.500000          0
## 5194          1            5.000000          3
## 5195          9          505.500000          0
## 5196          3          138.000000          2
## 5197          1           11.500000          0
## 5198          2          223.000000          0
## 5201          1           94.000000          0
## 5202          0            0.000000          0
## 5203          0            0.000000          0
## 5204          6          703.500000          3
## 5205          0            0.000000          0
## 5206          2           37.000000          0
## 5207          0            0.000000          0
## 5208          5          325.333333          4
## 5209          8          190.250000          1
## 5210          0            0.000000          0
## 5211          0            0.000000          0
## 5212          0            0.000000          0
## 5213          0            0.000000          0
## 5214          0            0.000000          2
## 5215          4          104.000000          0
## 5216          3          137.000000          4
## 5217          3          101.000000          0
## 5218         15          189.214286          8
## 5219          4           86.600000          0
## 5220          1           53.000000          0
## 5221          0            0.000000          1
## 5222          0            0.000000          1
## 5223          4          183.000000          3
## 5224          0            0.000000          1
## 5225          0            0.000000          0
## 5226          3          238.400000          0
## 5227          2          114.000000          0
## 5228          0            0.000000          0
## 5229          0            0.000000          0
## 5230          0            0.000000          0
## 5231          0            0.000000          0
## 5232          0            0.000000          0
## 5233          0            0.000000          0
## 5234          0            0.000000          0
## 5235          0            0.000000          0
## 5236          5           52.500000          0
## 5237          0            0.000000          1
## 5238         10          200.583333          1
## 5239          1           39.000000          0
## 5240          6          312.000000          1
## 5241          0            0.000000          0
## 5242          2          261.000000          0
## 5243          2           30.500000          2
## 5244          1           10.000000          2
## 5245          3           14.000000          0
## 5246          0            0.000000          0
## 5247          2            8.500000          0
```

```
## 5248          0            0.000000          0
## 5249          2           44.000000          0
## 5250          5           80.000000          0
## 5251          0            0.000000          3
## 5252          7          204.387500          4
## 5253          1           19.000000          0
## 5254          0            0.000000          0
## 5256          0            0.000000          0
## 5257          0            0.000000          0
## 5258          0            0.000000          0
## 5259          1           11.000000          0
## 5260          0            0.000000          0
## 5261          2           29.000000          1
## 5262          1           30.000000          3
## 5263          1           20.000000          0
## 5264          9          181.000000          4
## 5265          0            0.000000          0
## 5266          0            0.000000          0
## 5267          1           16.000000          1
## 5268          4           64.250000          1
## 5269          0            0.000000          0
## 5270          0            0.000000          0
## 5271          0            0.000000          0
## 5272          0            0.000000          0
## 5273          6           79.500000          1
## 5274          0            0.000000          0
## 5275          1           48.000000          0
## 5276          7          215.200000          0
## 5278          3           62.142857          0
## 5279          0            0.000000          0
## 5280          0            0.000000          0
## 5281          1           53.000000          0
## 5282          6          210.500000          0
## 5283          0            0.000000          0
## 5284          0            0.000000          0
## 5285          0            0.000000          0
## 5286          0            0.000000          0
## 5288          3           30.250000          0
## 5289          0            0.000000          0
## 5290          5          181.333333          0
## 5291          0            0.000000          0
## 5292          0            0.000000          0
## 5293          0            0.000000          0
## 5294          0            0.000000          1
## 5295          0            0.000000          0
## 5296          2           59.000000          1
## 5297          0            0.000000          0
## 5298          3           55.000000          0
## 5299          0            0.000000          0
## 5300         10          183.750000          1
## 5301          1            7.000000          0
## 5302          1           10.000000          0
## 5303          0            0.000000          0
## 5304          0            0.000000          0
```

```
## 5305              0                0.000000             0
## 5306              0                0.000000             0
## 5307              0                0.000000             0
## 5308              0                0.000000             0
## 5309              0                0.000000             0
## 5310              0                0.000000             0
## 5311              0                0.000000             0
## 5312              0                0.000000             0
## 5313              1              115.000000             0
## 5314              0                0.000000             0
## 5315              0                0.000000             0
## 5316              0                0.000000             0
## 5317              1                6.000000             0
## 5318              0                0.000000             0
## 5319              5               71.666667             1
## 5320              5               53.500000             0
## 5321              0                0.000000             0
## 5322              4               63.600000             0
## 5323              1               77.000000             0
## 5324              0                0.000000             0
## 5325              1               30.000000             1
## 5326              0                0.000000             0
## 5327              0                0.000000             0
## 5328              0                0.000000             0
## 5329              0                0.000000             0
## 5330              0                0.000000             0
## 5331              0                0.000000             0
## 5332              0                0.000000             0
## 5333              0                0.000000             0
## 5334              9              443.291667             1
## 5335              1               32.750000             1
## 5336              1              107.000000             0
## 5337              0                0.000000             0
## 5338              0                0.000000             0
## 5339              2               51.000000             2
## 5340              1               62.000000             1
## 5341              0                0.000000             0
## 5342              0                0.000000             0
## 5343              0                0.000000             0
## 5344              4               53.000000             0
## 5345              7               48.500000             0
## 5346              1                2.000000             0
## 5347              3               44.000000             0
## 5348              0                0.000000             0
## 5349              0                0.000000             0
## 5350              0                0.000000             0
## 5351              0                0.000000             0
## 5352              0                0.000000             0
## 5353              2              121.000000             0
## 5354              2               26.666667             0
## 5355              0                0.000000             0
## 5357              0                0.000000             0
## 5358              0                0.000000             0
## 5359              0                0.000000             0
```

```
## 5360          0            0.000000          1
## 5361          4          200.523809          0
## 5362          0            0.000000          0
## 5363          1            5.000000          1
## 5364          0            0.000000          0
## 5365          4          138.333333          0
## 5366          2          158.000000          0
## 5367          0            0.000000          0
## 5368          2           87.000000          0
## 5369          7           63.166667          0
## 5370          8           69.833333          1
## 5371          0            0.000000          1
## 5372          6          313.000000          2
## 5373          0            0.000000          0
## 5374          0            0.000000          0
## 5375          4          292.190476          1
## 5376          0            0.000000          0
## 5377          0            0.000000          0
## 5378          0            0.000000          0
## 5379          0            0.000000          0
## 5380          0            0.000000          0
## 5381          0            0.000000          0
## 5382          7           52.400000          3
## 5383          0            0.000000          0
## 5384          0            0.000000          0
## 5385          0            0.000000          0
## 5386          1            4.000000          0
## 5387          0            0.000000          0
## 5388          0            0.000000          0
## 5389          0            0.000000          0
## 5390          1            4.000000          0
## 5391          0            0.000000          0
## 5392          0            0.000000          0
## 5393          0            0.000000          0
## 5394          4          132.666667          0
## 5395          6           51.500000          0
## 5396          0            0.000000          0
## 5397          4          250.000000          0
## 5398          1           90.000000          1
## 5399          0            0.000000          0
## 5400          3           78.000000          0
## 5401          0            0.000000          0
## 5402         11          771.928571          2
## 5403          1           34.000000          0
## 5404          0            0.000000          0
## 5405          2           95.000000          3
## 5406          0            0.000000          0
## 5407          0            0.000000          0
## 5409          3          295.666667          0
## 5410          1           20.000000          0
## 5411          2           30.000000          0
## 5412          0            0.000000          0
## 5413          0            0.000000          0
## 5414          9          184.000000          5
```

```
## 5415              0                0.000000             0
## 5416              0                0.000000             0
## 5417              0                0.000000             0
## 5418              4               57.000000             0
## 5419              0                0.000000             0
## 5420              5              154.833333             7
## 5421              2               45.000000             2
## 5422              0                0.000000             0
## 5423              4               31.000000             1
## 5424              1                3.000000             0
## 5425              1               34.000000             0
## 5426              6              200.222222             2
## 5427              2               40.000000             0
## 5428              0                0.000000             1
## 5429              5               33.666667             0
## 5430              1                0.000000             0
## 5431              0                0.000000             0
## 5432              0                0.000000             0
## 5433              0                0.000000             0
## 5434              4               24.166667             0
## 5435              9              194.416667             2
## 5436              4               58.000000             0
## 5437              0                0.000000             0
## 5438              0                0.000000             1
## 5439              2               11.000000             0
## 5440              1              149.500000             0
## 5441              3              453.000000             3
## 5442              1               32.000000             0
## 5443              0                0.000000             0
## 5444              3              101.666667             0
## 5445              2               59.000000             0
## 5446              0                0.000000             0
## 5447              4              316.500000             0
## 5448              9              309.250000             0
## 5449              3               35.500000             0
## 5450              5               69.500000             4
## 5451              2               42.000000             0
## 5452              4               85.928571             0
## 5453              0                0.000000             0
## 5454              2               76.000000             1
## 5455              0                0.000000             0
## 5456              0                0.000000             0
## 5457              3               40.200000             0
## 5458              1               63.400000             0
## 5459              6              618.066667             0
## 5460              0                0.000000             0
## 5461              3              152.600000             0
## 5462              7               56.300000             0
## 5463              0                0.000000             0
## 5464              1               39.200000             2
## 5465              3               89.600000             0
## 5466              2              104.300000             0
## 5467              0                0.000000             0
## 5468              4              204.200000             0
```

```
## 5469          17          180.133333          1
## 5470           1           12.000000          0
## 5471           2           13.000000          0
## 5472           0            0.000000          0
## 5473           3           41.200000          0
## 5474           4          101.800000          0
## 5475           1           26.200000          0
## 5476           2           79.600000          3
## 5477           4          159.000000          0
## 5478           7          227.900000          0
## 5479           2           47.400000          0
## 5480           0            0.000000          0
## 5481           1            0.000000          0
## 5482           0            0.000000          0
## 5483           2          196.600000          0
## 5484           3           33.200000          0
## 5485           0            0.000000          0
## 5486           3            9.500000          0
## 5487           2           55.400000          0
## 5488           0            0.000000          0
## 5489          10         1222.400000          0
## 5490           0            0.000000          0
## 5491           3           13.733333          1
## 5492           1           23.200000          0
## 5493           5          150.700000          0
## 5494           5           66.600000          0
## 5495           0            0.000000          0
## 5496           1           92.600000          0
## 5497           0            0.000000          0
## 5498          13         1013.056909          2
## 5499           1           48.400000          0
## 5500           1           57.400000          0
## 5501           7          297.600000          0
## 5502           0            0.000000          0
## 5503           0            0.000000          0
## 5504           0            0.000000          0
## 5505           0            0.000000          0
## 5506           0            0.000000          0
## 5507           2           56.733333          0
## 5508           1           86.600000          0
## 5509           7           38.600000          0
## 5510           6          545.650000          3
## 5511           3           94.600000          0
## 5512           6           53.000000          0
## 5513           3           28.800000          5
## 5514           5           46.520000          0
## 5515           1           41.400000          0
## 5516           6           82.140000          0
## 5517           0            0.000000          0
## 5518           3          397.700000          4
## 5519           0            0.000000          0
## 5520          16          932.797143          0
## 5521           3           56.800000          1
## 5522           1           10.000000          0
```

```
## 5523          0            0.000000          0
## 5524         10           89.980000          0
## 5525          0            0.000000          0
## 5526          1           67.500000          0
## 5527         13          234.566667          0
## 5528          2           63.500000          0
## 5529          1            4.000000          0
## 5530          0            0.000000          0
## 5531          5          196.880000          0
## 5532          5           60.200000          0
## 5533          5          271.000000          2
## 5534          6           85.200000          0
## 5535          1           62.466667          0
## 5536         10          164.066667          0
## 5537         18          189.264615          0
## 5538          2          196.600000          0
## 5539          1            5.066667          0
## 5540          2           94.700000          0
## 5541          1           45.400000          0
## 5542          1           38.800000          0
## 5543          2           21.000000          0
## 5544          5           82.600000          1
## 5545          0            0.000000          0
## 5546          6           89.800000          0
## 5547          5          850.000000          0
## 5548          0            0.000000          0
## 5549          0            0.000000          0
## 5550          0            0.000000          0
## 5551          4          585.800000          0
## 5552          0            0.000000          0
## 5553          0            0.000000          2
## 5554          0            0.000000          0
## 5555         10          491.666667          0
## 5556         10          340.900000          3
## 5557          2          112.800000          0
## 5558          0            0.000000          0
## 5559          0            0.000000          0
## 5560          0            0.000000          0
## 5561          0            0.000000          0
## 5562         17          698.133333          1
## 5563          0            0.000000          0
## 5564          3           32.200000          0
## 5565          1           16.600000          0
## 5566          4           54.200000          1
## 5567          0            0.000000          0
## 5568          1           11.000000          0
## 5569          0            0.000000          0
## 5570         11          455.066667          3
## 5571          2           32.200000          1
## 5572          4          601.900000          0
## 5573          1          136.500000          0
## 5574          0            0.000000          0
## 5575          4           49.300000          0
## 5576         10          278.666667          0
```

```
## 5577          0            0.000000          0
## 5578          1          118.800000          0
## 5579          0            0.000000          0
## 5580          2           13.000000          0
## 5581          1           44.000000          0
## 5582          1            4.000000          0
## 5583          0            0.000000          0
## 5584          2           75.050000          0
## 5585          1           17.100000          1
## 5586          1            2.000000          6
## 5587          1            4.000000          0
## 5588          1            5.000000          0
## 5589          0            0.000000          0
## 5590          0            0.000000          0
## 5591          0            0.000000          0
## 5592          0            0.000000          0
## 5593          2          268.080000          0
## 5594          1           22.200000          0
## 5595          0            0.000000          0
## 5596          0            0.000000          0
## 5597          7           68.400000          0
## 5598         24          468.100663          6
## 5599          3           43.200000          0
## 5600          2          132.000000          1
## 5601          6           45.033333          1
## 5602          0            0.000000          0
## 5603          1           80.600000          0
## 5604          4           26.200000          0
## 5605         12          137.900000          0
## 5606          0            0.000000          0
## 5607          2            9.600000          3
## 5608          2          161.200000          0
## 5609          9          301.000000          0
## 5610          2           45.200000          0
## 5611          2          167.400000          0
## 5612          0            0.000000          0
## 5613          0            0.000000          0
## 5614          2           19.400000          3
## 5615          3          157.400000          0
## 5616          0            0.000000          0
## 5617          5           56.800000          0
## 5618          4          459.500000          4
## 5619          0            0.000000          0
## 5620          0            0.000000          0
## 5621          2           42.200000          0
## 5622          0            0.000000          0
## 5623          1           12.000000          0
## 5624          0            0.000000          0
## 5625          0            0.000000          0
## 5626          0            0.000000          0
## 5627          0            0.000000          0
## 5628          3           69.600000          0
## 5629          0            0.000000          0
## 5630          6           66.550000          0
```

```
## 5631              8              103.733333             0
## 5632              4               60.400000             0
## 5633              2              423.600000             0
## 5634              6               63.683333             0
## 5635              5              148.500000             0
## 5636              4               96.600000             0
## 5637              0                0.000000             0
## 5638              8              628.366667             1
## 5639              1               13.100000             0
## 5640              4               25.000000             0
## 5641              3               58.400000             0
## 5642              0                0.000000             0
## 5643              3              118.000000             0
## 5644              8               77.500000             0
## 5645              4               61.633333             0
## 5646              5               68.800000             0
## 5647              3               11.600000             0
##      Informational_Duration ProductRelated ProductRelated_Duration BounceRates
## 1                  0.000000              1                0.000000 0.200000000
## 2                  0.000000              2               64.000000 0.000000000
## 3                 -1.000000              1               -1.000000 0.200000000
## 4                  0.000000              2                2.666667 0.050000000
## 5                  0.000000             10              627.500000 0.020000000
## 6                  0.000000             19              154.216667 0.015789474
## 7                 -1.000000              1               -1.000000 0.200000000
## 8                 -1.000000              1               -1.000000 0.200000000
## 9                  0.000000              2               37.000000 0.000000000
## 10                 0.000000              3              738.000000 0.000000000
## 11                 0.000000              3              395.000000 0.000000000
## 12                 0.000000             16              407.750000 0.018750000
## 13                 0.000000              7              280.500000 0.000000000
## 14                 0.000000              6               98.000000 0.000000000
## 15                 0.000000              2               68.000000 0.000000000
## 16                 0.000000             23             1668.285119 0.008333333
## 17                -1.000000              1               -1.000000 0.200000000
## 18                 0.000000             13              334.966667 0.000000000
## 19                 0.000000              2               32.000000 0.000000000
## 20                 0.000000             20             2981.166667 0.000000000
## 21                 0.000000              8              136.166667 0.000000000
## 22                -1.000000              1               -1.000000 0.200000000
## 23                 0.000000              3              105.000000 0.000000000
## 24                 0.000000              2               15.000000 0.000000000
## 25                -1.000000              1               -1.000000 0.200000000
## 26                 0.000000              5              156.000000 0.000000000
## 27                 0.000000             32             1135.444444 0.002857143
## 28                 0.000000              4               76.000000 0.050000000
## 29                 0.000000              4               63.000000 0.000000000
## 30                 0.000000             45             1582.750000 0.043478261
## 31                 0.000000              2               35.000000 0.000000000
## 32                 0.000000              3               78.000000 0.000000000
## 33                 0.000000              8              209.500000 0.000000000
## 34                 0.000000             10              183.666667 0.040000000
## 35                 0.000000             14              380.500000 0.014285714
## 36                 0.000000             52             2086.242857 0.015384615
```

```
## 37          0.000000          8        388.000000 0.025000000
## 38          0.000000          5        298.000000 0.000000000
## 39          0.000000          7         63.000000 0.028571429
## 40          0.000000          9        482.000000 0.000000000
## 41          0.000000         46       4084.393939 0.000000000
## 42          0.000000          3         22.000000 0.000000000
## 43          0.000000         15        310.166667 0.000000000
## 44          0.000000          2         34.000000 0.000000000
## 45          0.000000          4         88.000000 0.000000000
## 46          0.000000         22        622.250000 0.003030303
## 47          0.000000         14        222.400000 0.017142857
## 48          0.000000          3         80.000000 0.066666667
## 49          0.000000         11        800.833333 0.000000000
## 50         -1.000000          1         -1.000000 0.200000000
## 51         -1.000000          1         -1.000000 0.200000000
## 52          0.000000         12        265.166667 0.011111111
## 53          0.000000          2         29.000000 0.000000000
## 54          0.000000          4        160.000000 0.000000000
## 55          0.000000          4        135.666667 0.050000000
## 56          0.000000          1          0.000000 0.200000000
## 57          0.000000          1          0.000000 0.200000000
## 58        120.000000         36        998.741667 0.000000000
## 59          0.000000          4        104.000000 0.000000000
## 60          0.000000         16        381.686508 0.011764706
## 61          0.000000          6        169.000000 0.000000000
## 62          0.000000          8        400.800000 0.050000000
## 63          0.000000         42       1553.583333 0.009000000
## 64          0.000000         14        706.500000 0.000000000
## 65         -1.000000          1         -1.000000 0.200000000
## 66          0.000000         27        798.333333 0.000000000
## 67          0.000000         90       6951.972222 0.002150538
## 68          0.000000          1          0.000000 0.200000000
## 69          0.000000         18        902.000000 0.000000000
## 70          0.000000          1          0.000000 0.200000000
## 71          0.000000          1          0.000000 0.200000000
## 72          0.000000         20        197.377778 0.025000000
## 73          0.000000          2         43.000000 0.000000000
## 74          0.000000          8        426.666667 0.000000000
## 75          0.000000          3        135.000000 0.000000000
## 76          0.000000         16        588.333333 0.000000000
## 77          0.000000         36       2111.341667 0.004347826
## 78          0.000000          2         76.000000 0.000000000
## 79          0.000000          1          0.000000 0.200000000
## 80          0.000000          1          0.000000 0.200000000
## 81          0.000000          7        208.000000 0.000000000
## 82          0.000000          4        270.000000 0.000000000
## 83          0.000000          6         39.500000 0.000000000
## 84          0.000000         12        375.000000 0.016666667
## 85          0.000000          1          0.000000 0.200000000
## 86          0.000000          1          0.000000 0.200000000
## 87          0.000000          7        150.000000 0.057142857
## 88          0.000000          3        138.000000 0.000000000
## 89          0.000000          7        337.500000 0.028571429
## 90          0.000000         19        620.033333 0.000000000
```

```
## 91          0.000000    15     168.846154 0.000000000
## 92          0.000000     1       0.000000 0.200000000
## 93          0.000000     2      52.000000 0.000000000
## 94          0.000000    13     649.250000 0.000000000
## 95          0.000000    27     925.333333 0.003703704
## 96          0.000000     2      33.000000 0.000000000
## 97          0.000000     6    1566.500000 0.050000000
## 98          0.000000     4     105.000000 0.000000000
## 99          0.000000     7      50.000000 0.038095238
## 100         0.000000    16     644.200000 0.004166667
## 101         0.000000    38    2635.177778 0.000000000
## 102         0.000000    19     607.000000 0.000000000
## 103         0.000000     6     415.000000 0.000000000
## 104        16.000000    36    2083.530952 0.000000000
## 105         0.000000    17     281.666667 0.007058824
## 106         0.000000     2      27.000000 0.150000000
## 107         0.000000     9     215.000000 0.044444444
## 108         0.000000    12     162.000000 0.050000000
## 109         0.000000     2     114.000000 0.050000000
## 110        94.000000   128    5062.213753 0.000854701
## 111         0.000000     4     253.000000 0.000000000
## 112         0.000000     4       0.000000 0.200000000
## 113         0.000000     1       0.000000 0.200000000
## 114         0.000000    25     436.500000 0.008000000
## 115        93.000000    30    1045.833333 0.012903226
## 116         0.000000    12     317.833333 0.000000000
## 117         0.000000    21    1146.333333 0.000000000
## 118         0.000000    11     577.000000 0.018181818
## 119         0.000000     8      95.000000 0.000000000
## 120         0.000000     6     301.500000 0.000000000
## 121         0.000000     6     243.000000 0.000000000
## 122         0.000000     4     135.500000 0.000000000
## 123        75.000000    14     442.333333 0.000000000
## 124         0.000000     3      41.000000 0.000000000
## 125         0.000000    11     292.900000 0.028000000
## 126         0.000000     1       0.000000 0.200000000
## 127         0.000000     9    1238.333333 0.000000000
## 128         0.000000    10     225.466667 0.000000000
## 129         0.000000    51    1873.216667 0.000000000
## 130         0.000000     3      13.000000 0.133333333
## 131         0.000000     2     222.000000 0.000000000
## 132         0.000000    16     214.833333 0.000000000
## 133        -1.000000     1      -1.000000 0.200000000
## 134         0.000000     6    2017.166667 0.000000000
## 135         0.000000    26     449.027778 0.000000000
## 136         0.000000     6     158.166667 0.000000000
## 137         0.000000     9     303.666667 0.005555556
## 138         0.000000     3      25.000000 0.000000000
## 139         0.000000     2      42.000000 0.050000000
## 140         0.000000    14    1003.416667 0.000000000
## 141        -1.000000     1      -1.000000 0.200000000
## 142         0.000000     9     272.500000 0.000000000
## 143         0.000000     8     344.000000 0.000000000
## 144         0.000000     1       0.000000 0.200000000
```

```
## 145          19.000000          10          852.000000 0.000000000
## 146           0.000000           3          780.000000 0.066666667
## 147           0.000000           3         1038.000000 0.000000000
## 148           0.000000           4          573.000000 0.000000000
## 149           0.000000          28         1231.233333 0.007142857
## 150           0.000000          11          316.666667 0.000000000
## 151           0.000000          20          873.736508 0.007500000
## 152           0.000000           1            0.000000 0.200000000
## 153           0.000000           4           16.000000 0.100000000
## 154           0.000000          19          615.000000 0.000000000
## 155           0.000000           9          261.750000 0.000000000
## 156           0.000000          21          615.883117 0.033333333
## 157           0.000000           1            0.000000 0.200000000
## 158           0.000000           6          117.500000 0.000000000
## 160           0.000000           1            0.000000 0.200000000
## 161           0.000000          23          501.666667 0.008695652
## 162          22.000000          31          829.166667 0.030303030
## 163           0.000000          23         1223.000000 0.015217391
## 164           0.000000           6          467.000000 0.000000000
## 165           0.000000          23          737.166667 0.008695652
## 166           0.000000          12          129.000000 0.000000000
## 167           0.000000           5           63.000000 0.000000000
## 168           0.000000           5          125.000000 0.086666667
## 169           0.000000          11          684.333333 0.018181818
## 170           0.000000          20          665.472222 0.000000000
## 171           0.000000          15          487.500000 0.000000000
## 172           0.000000          17          437.166667 0.011111111
## 173           0.000000           3           55.000000 0.066666667
## 174           0.000000           1            0.000000 0.200000000
## 175           0.000000          24          446.927778 0.000000000
## 176           0.000000          10          320.500000 0.000000000
## 177           0.000000           7          666.000000 0.000000000
## 178           0.000000          21          405.709524 0.010743802
## 180           0.000000           6          163.250000 0.033333333
## 181           0.000000          17          284.250000 0.000000000
## 182          -1.000000           1           -1.000000 0.200000000
## 183          -1.000000           1           -1.000000 0.200000000
## 184           0.000000           8          260.000000 0.008333333
## 185        1210.397619           5          279.857143 0.003174603
## 186           0.000000          20          927.450000 0.011111111
## 187           0.000000          50          836.800000 0.000000000
## 188         153.000000          96         3283.166739 0.001960784
## 189          48.500000          49         1868.819697 0.000000000
## 190          51.000000          68         3008.124108 0.007142857
## 191           0.000000           2            0.000000 0.200000000
## 192           3.000000          24         3230.250000 0.036190476
## 193           0.000000           9          319.000000 0.000000000
## 194           0.000000           3           42.000000 0.000000000
## 195           0.000000          22          354.333333 0.009090909
## 196           0.000000          98         3556.612410 0.002061856
## 197         144.000000          67         2563.783333 0.000000000
## 198           0.000000          13         3014.018519 0.013068182
## 199           0.000000          17          840.233333 0.000000000
## 200         125.000000          55         1970.844805 0.000000000
```

```
## 201          0.000000          50       2867.000000 0.000000000
## 202          0.000000           5         43.000000 0.000000000
## 203          0.000000          13        284.500000 0.000000000
## 204          0.000000           3        133.500000 0.000000000
## 205          0.000000          12        297.666667 0.000000000
## 206          0.000000          16        453.750000 0.000000000
## 207          0.000000          16       1331.750000 0.000000000
## 208          0.000000           5        558.500000 0.000000000
## 209          0.000000           4        145.833333 0.000000000
## 210          0.000000           8        731.000000 0.000000000
## 211        127.000000           4        188.000000 0.033333333
## 212          0.000000          14        565.333333 0.037619048
## 213          0.000000           2         50.000000 0.000000000
## 214          0.000000           7        591.000000 0.006666667
## 215        261.000000          10        281.000000 0.000000000
## 216        306.333333          18        483.833333 0.000000000
## 217          0.000000           4         42.000000 0.000000000
## 218          0.000000          35       1192.386111 0.005714286
## 219          0.000000          12        198.000000 0.016666667
## 220          0.000000           3         15.000000 0.000000000
## 221          0.000000          14        643.000000 0.000000000
## 222          0.000000           5         23.000000 0.080000000
## 223          0.000000           4         14.000000 0.100000000
## 224          0.000000           6        210.500000 0.000000000
## 225          0.000000          28       1529.304670 0.001481481
## 226          0.000000           2         19.000000 0.000000000
## 227         84.000000          37       1599.083333 0.000000000
## 228          0.000000           9        102.500000 0.000000000
## 229          0.000000          16       2337.000000 0.000000000
## 230          0.000000          19       1883.500000 0.010526316
## 231          0.000000          50       1245.300000 0.004000000
## 232          0.000000          22       1674.583333 0.000000000
## 233          0.000000           9        132.000000 0.011111111
## 234        740.000000          50       1434.255128 0.000000000
## 235          0.000000          18        367.250000 0.005263158
## 236        303.250000           7        148.500000 0.000000000
## 237          0.000000          29       1482.210784 0.006896552
## 238          0.000000          34       1048.492063 0.011578947
## 239          0.000000           9        478.000000 0.000000000
## 240          0.000000          16        980.250000 0.000000000
## 241         21.500000          51       1124.693074 0.022807018
## 242          0.000000          22        353.166667 0.018181818
## 243          0.000000          18       1489.083333 0.023529412
## 244       1220.000000          28       2389.333333 0.016666667
## 245          0.000000           7        753.000000 0.000000000
## 246          0.000000          31        688.166667 0.000000000
## 247          0.000000          14        811.000000 0.015384615
## 248          0.000000           9        415.250000 0.033333333
## 249          0.000000          32        908.013456 0.005000000
## 250        235.000000          71       2753.378571 0.012676056
## 251        100.000000          46       2452.582143 0.007246377
## 252          0.000000          18       5188.500000 0.000000000
## 253         -1.000000           1         -1.000000 0.200000000
## 254          0.000000           5         57.000000 0.080000000
```

```
## 255          0.000000          2          8.000000 0.000000000
## 256          0.000000         19       1430.659091 0.010000000
## 257          0.000000          2         20.000000 0.000000000
## 258          0.000000          4       1373.750000 0.000000000
## 259          0.000000         45        844.250000 0.000000000
## 260          0.000000          7        188.000000 0.000000000
## 261          0.000000         14        527.375000 0.015555556
## 262          0.000000          1          0.000000 0.200000000
## 263         64.000000         29       1916.761905 0.006451613
## 264          0.000000          9        116.333333 0.000000000
## 265          0.000000         30        397.000000 0.000000000
## 266          0.000000         63       5220.083333 0.000000000
## 267          0.000000         20        219.333333 0.000000000
## 268          0.000000          5         74.000000 0.000000000
## 269          0.000000         15       1559.600000 0.000000000
## 270          0.000000          6        236.500000 0.000000000
## 271          0.000000         14        348.666667 0.035714286
## 272          0.000000          1          0.000000 0.200000000
## 273         47.000000         13        224.500000 0.000000000
## 274          0.000000         42        601.766667 0.000000000
## 275          0.000000          5         75.500000 0.020000000
## 276          0.000000          2        153.000000 0.000000000
## 277          0.000000         10        197.200000 0.000000000
## 278          0.000000         18       3658.500000 0.016666667
## 279          0.000000          5       1162.500000 0.000000000
## 280          0.000000         32        556.600000 0.014583333
## 281          0.000000          3         41.000000 0.000000000
## 282          0.000000         11        300.071429 0.000000000
## 283        205.000000         36       1626.625433 0.010638298
## 284          0.000000          6         69.250000 0.000000000
## 285          0.000000         10       1169.100000 0.020000000
## 286          0.000000          8        402.000000 0.000000000
## 287          0.000000          1          0.000000 0.200000000
## 288          0.000000         35       3324.333333 0.011428571
## 289         70.000000         87       3037.499952 0.002150538
## 290          0.000000          4         59.000000 0.000000000
## 291          0.000000         51       1059.253472 0.010588235
## 292          0.000000          7        720.000000 0.000000000
## 293          0.000000         40        905.485606 0.013500000
## 294          0.000000          1          0.000000 0.200000000
## 295         14.333333         14        603.666667 0.000000000
## 296          0.000000         13        328.916667 0.000000000
## 297          0.000000         33        778.816667 0.000000000
## 298          0.000000         22        851.559524 0.004545455
## 299          0.000000          1          0.000000 0.200000000
## 300          0.000000          3        227.500000 0.000000000
## 301          0.000000         17        528.900000 0.000000000
## 302          0.000000         15        872.833333 0.000000000
## 303          0.000000          2          0.000000 0.200000000
## 304          0.000000         35        835.066667 0.012571429
## 305          0.000000          4         82.500000 0.000000000
## 306          0.000000          1         13.000000 0.000000000
## 307          0.000000          2          9.000000 0.000000000
## 308          0.000000          2          7.000000 0.000000000
```

```
## 309          0.000000          12          94.500000 0.033333333
## 310          0.000000          23         267.300000 0.000000000
## 311          0.000000          29        3312.500000 0.013793103
## 312          0.000000           3          75.000000 0.000000000
## 313          0.000000          10          75.000000 0.050000000
## 314         24.000000          27        1547.500000 0.003703704
## 315         40.000000          35        1276.157071 0.000000000
## 316        136.000000          54        2631.100000 0.000000000
## 317          0.000000           2          96.000000 0.000000000
## 318          0.000000           3        1370.000000 0.000000000
## 319          0.000000           5          97.000000 0.000000000
## 320          0.000000          46        1380.166667 0.000000000
## 321          0.000000          23        1483.600000 0.022916667
## 322          0.000000           5         156.000000 0.000000000
## 323          0.000000          10         240.750000 0.000000000
## 324          0.000000          37        1238.500000 0.005128205
## 325          0.000000          68        2524.719048 0.000000000
## 326          0.000000           4          54.000000 0.000000000
## 327          0.000000           2          35.000000 0.000000000
## 328          0.000000          15         175.916667 0.013333333
## 329          0.000000          11         263.600000 0.000000000
## 330          0.000000           7         101.800000 0.000000000
## 331          0.000000           1           0.000000 0.200000000
## 332          0.000000          55        1042.242857 0.000000000
## 333        116.000000          21         613.666667 0.008333333
## 334          0.000000          64        1588.944444 0.003076923
## 335        929.000000          75        4105.666667 0.002631579
## 336          0.000000          14         269.500000 0.000000000
## 337          0.000000           8        1236.200000 0.000000000
## 338          0.000000          49        1384.016667 0.000000000
## 339          0.000000           4          52.000000 0.000000000
## 340          0.000000          29         664.750000 0.000000000
## 341          0.000000           7          64.000000 0.000000000
## 342          0.000000           1           0.000000 0.200000000
## 343          0.000000           8         326.500000 0.100000000
## 344          0.000000          25        1690.977778 0.008000000
## 345          0.000000           1           0.000000 0.200000000
## 346          0.000000           3         178.750000 0.000000000
## 347          0.000000          12         407.000000 0.000000000
## 348          0.000000          39        1513.566667 0.005128205
## 349          0.000000          24         832.090909 0.000000000
## 350          0.000000          12         250.833333 0.000000000
## 351          0.000000          15         565.666667 0.000000000
## 352          0.000000          10         194.000000 0.020000000
## 353         18.000000          19         298.000000 0.000000000
## 354        155.500000          55        1743.066667 0.000000000
## 355          0.000000          27         655.916667 0.000000000
## 356          9.000000          30        1992.833333 0.000000000
## 357          0.000000           3           0.000000 0.200000000
## 358          0.000000          24         308.863553 0.000000000
## 359          0.000000          46        2749.666667 0.000000000
## 360          0.000000           1           0.000000 0.200000000
## 361          0.000000          25         812.000000 0.000000000
## 362          0.000000          12         166.000000 0.028571429
```

```
## 363          0.000000          4          65.000000 0.000000000
## 364          0.000000         46        2450.688095 0.027083333
## 365          0.000000         10         226.833333 0.000000000
## 366          0.000000          9         341.000000 0.000000000
## 367          0.000000         13         226.000000 0.000000000
## 368          0.000000        111        3510.879903 0.000098300
## 369          0.000000          2           6.000000 0.000000000
## 370          0.000000         27         559.400000 0.014814815
## 371          0.000000         33        1109.883333 0.013888889
## 372          0.000000          5         239.000000 0.000000000
## 373          0.000000          7         212.166667 0.000000000
## 374       1165.166667         81        2820.952419 0.008897485
## 375          0.000000          6          44.000000 0.066666667
## 376          0.000000          8         781.000000 0.028571429
## 377          0.000000         14         175.666667 0.000000000
## 378          0.000000         25         397.884615 0.005333333
## 379          0.000000         25         770.028571 0.011200000
## 380         60.000000         22        1034.975000 0.000000000
## 381          0.000000          2          12.000000 0.000000000
## 382          0.000000          3           8.000000 0.066666667
## 383          0.000000         22         399.800000 0.019047619
## 384         -1.000000          1          -1.000000 0.200000000
## 385        528.000000         61        2258.430586 0.010000000
## 386          0.000000          2         254.000000 0.000000000
## 387          0.000000          7          67.000000 0.000000000
## 388          0.000000          4          57.000000 0.000000000
## 389          0.000000         12         240.416667 0.000000000
## 390          0.000000          8         551.166667 0.025000000
## 391          0.000000         47        1532.200000 0.009929078
## 392          0.000000          7         379.500000 0.057142857
## 393          0.000000         14         548.185714 0.028571429
## 394          0.000000         31        1735.301587 0.015625000
## 395          0.000000          3         103.000000 0.000000000
## 396          0.000000         44        1406.100000 0.004081633
## 397          0.000000          8         331.400000 0.000000000
## 398         28.000000         88        1759.275703 0.004545455
## 399          0.000000          1           0.000000 0.200000000
## 400        654.333333         31        1204.600433 0.000854701
## 401          0.000000         39        1743.366667 0.000000000
## 402          0.000000         10         236.000000 0.000000000
## 403        246.000000         17         427.083333 0.000000000
## 404          0.000000         46         909.522619 0.004255319
## 405          0.000000         14         702.916667 0.000000000
## 406          0.000000         40         962.333333 0.000000000
## 407          0.000000          2         159.000000 0.000000000
## 408          0.000000          2          24.000000 0.000000000
## 409        142.000000         30        1569.625000 0.000000000
## 410          0.000000         15         424.833333 0.000000000
## 411          0.000000         16         154.833333 0.000000000
## 412          0.000000         37         758.442857 0.000000000
## 413         18.500000         11         305.875000 0.000000000
## 414          0.000000          2          62.000000 0.000000000
## 415          0.000000         15         656.250000 0.028571429
## 416          0.000000         29         617.500000 0.006896552
```

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## 417          39.000000          15          245.000000 0.000000000
## 418           0.000000           3           20.000000 0.000000000
## 420           0.000000           2           22.000000 0.000000000
## 421           0.000000          55          872.400000 0.003508772
## 422           0.000000           1            0.000000 0.200000000
## 423           0.000000          38         1372.000000 0.005405405
## 424           0.000000           7          139.000000 0.022222222
## 425         629.000000         149         5042.458059 0.003870968
## 426           0.000000           5          288.500000 0.000000000
## 427           0.000000           2            0.000000 0.200000000
## 428           0.000000           6          192.000000 0.000000000
## 429           0.000000          27          954.666667 0.000000000
## 430           0.000000           1            0.000000 0.200000000
## 431           0.000000          13          429.000000 0.013333333
## 432           0.000000          41         1546.500000 0.000000000
## 433           0.000000           9           96.466667 0.000000000
## 434           0.000000           9          198.833333 0.000000000
## 435           0.000000           8          181.000000 0.075000000
## 436           0.000000          15          208.500000 0.000000000
## 437           0.000000          21          517.423809 0.019047619
## 438           0.000000          12          358.066667 0.000000000
## 439           0.000000          22          339.250000 0.000000000
## 440           0.000000          13          796.000000 0.000000000
## 441           0.000000          31         1759.416667 0.000000000
## 442           0.000000          19         3277.000000 0.015789474
## 443           0.000000          13          265.166667 0.000000000
## 444           0.000000          13          437.200000 0.000000000
## 445           0.000000           6           92.000000 0.000000000
## 446           0.000000           0            0.000000 0.000000000
## 447         267.500000          23         1266.267677 0.002197802
## 448           4.000000           2           19.000000 0.000000000
## 449           0.000000          47         1882.113409 0.004000000
## 450           0.000000          12          616.400000 0.000000000
## 451           0.000000           5          155.000000 0.040000000
## 452           0.000000          11          814.500000 0.000000000
## 453           0.000000          21          460.416667 0.019047619
## 454           0.000000           5          819.500000 0.000000000
## 455           0.000000          30          659.200000 0.000000000
## 456           0.000000           5          427.000000 0.000000000
## 458           0.000000          17          766.500000 0.000000000
## 459           0.000000           1            0.000000 0.200000000
## 460           0.000000          14         2425.000000 0.000000000
## 461           0.000000          11          416.500000 0.000000000
## 462           0.000000          15          638.642857 0.003571429
## 463         132.000000           8          445.000000 0.000000000
## 464           0.000000           4           81.000000 0.000000000
## 465           0.000000          20         1985.000000 0.030000000
## 466           0.000000          24          758.144444 0.040000000
## 467           0.000000          15          310.900000 0.000000000
## 468           0.000000          15          482.000000 0.012500000
## 469           0.000000           2            0.000000 0.200000000
## 470           0.000000          30          709.833333 0.026666667
## 471          57.000000          31         4547.166667 0.012903226
## 472           0.000000           9         1040.000000 0.077777778
```

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## 473          0.000000          3          223.000000 0.066666667
## 474         14.000000         11          687.500000 0.020512821
## 475          0.000000         30          632.583333 0.000000000
## 476          0.000000          9          312.000000 0.000000000
## 477          0.000000         45         2502.966667 0.000000000
## 478          0.000000         47         3608.900000 0.000000000
## 479          0.000000         15          406.575000 0.019047619
## 480          0.000000          1            0.000000 0.200000000
## 481          0.000000         39         2487.500000 0.017105263
## 482          0.000000         15          212.800000 0.019047619
## 483          0.000000         20          510.000000 0.013636364
## 485          0.000000          5           72.333333 0.000000000
## 486          0.000000         13           96.500000 0.030769231
## 487          0.000000          8          267.000000 0.000000000
## 488          0.000000          8          481.166667 0.000000000
## 489          0.000000          4         2528.000000 0.000000000
## 490        148.500000         24         1530.194444 0.007407407
## 491          0.000000          7          289.500000 0.000000000
## 492          0.000000          1           10.000000 0.000000000
## 493          0.000000         16          676.750000 0.014285714
## 494          0.000000          4           36.000000 0.050000000
## 495          0.000000          6           65.000000 0.000000000
## 496          0.000000         16          630.750000 0.000000000
## 497        954.000000         14          336.500000 0.000000000
## 498          0.000000          5           77.000000 0.000000000
## 499          0.000000          3           44.666667 0.000000000
## 500          0.000000         22         3410.875000 0.019871795
## 501          0.000000         10          322.500000 0.040000000
## 502          0.000000         11          919.000000 0.000000000
## 503        762.500000         79         2096.911364 0.003333333
## 504          0.000000         66         2868.133333 0.011428571
## 505          0.000000         27         1058.893939 0.000000000
## 506          0.000000          5           54.380952 0.000000000
## 507          0.000000         11          543.500000 0.007692308
## 508          0.000000         29         1089.000000 0.006896552
## 509         60.000000         43         1131.808333 0.028787879
## 510          0.000000          7          314.500000 0.033333333
## 511        449.333333        258        11301.204160 0.000000000
## 512          0.000000         33         1946.942857 0.005882353
## 514         71.000000         26         1558.000000 0.006666667
## 515        212.500000         21         1198.750000 0.000000000
## 516          0.000000          1            0.000000 0.200000000
## 517          0.000000         17          927.166667 0.000000000
## 518          0.000000         37          584.595887 0.005128205
## 519          0.000000          4          135.500000 0.000000000
## 520          0.000000          8          292.500000 0.000000000
## 521          0.000000          2           68.500000 0.000000000
## 522          0.000000         23          364.166667 0.004000000
## 523          0.000000         26          694.300000 0.023076923
## 524          0.000000          3          236.000000 0.000000000
## 525          0.000000         24         1128.468254 0.038461538
## 526          0.000000          5           81.000000 0.000000000
## 527          0.000000         21          521.500000 0.018181818
## 528          0.000000          7          496.750000 0.000000000
```

```
## 529          0.000000          9          104.833333 0.022222222
## 530          0.000000          4           45.000000 0.000000000
## 531          0.000000          2          492.500000 0.000000000
## 532          0.000000         40          624.750000 0.000000000
## 533         -1.000000          1           -1.000000 0.200000000
## 534          0.000000          6          116.500000 0.000000000
## 535          0.000000          8          144.000000 0.025000000
## 536          0.000000         28          686.322222 0.000000000
## 537       1411.000000          1         1411.000000 0.000000000
## 538          0.000000          7          126.000000 0.028571429
## 539          0.000000          6          185.000000 0.000000000
## 540          0.000000          6          218.000000 0.000000000
## 541         -1.000000          1           -1.000000 0.200000000
## 542          0.000000         30          484.672619 0.000000000
## 543          0.000000         19          439.833333 0.005555556
## 544          0.000000         21          733.700000 0.000000000
## 545        447.000000         34         1469.702381 0.000000000
## 546        125.000000         16          485.833333 0.000000000
## 547          0.000000          3           19.000000 0.000000000
## 548         28.500000          5          345.500000 0.000000000
## 549          0.000000         20          543.800000 0.009523810
## 550          0.000000          3           48.000000 0.000000000
## 551          0.000000         22          343.369048 0.001298701
## 552          0.000000          9          171.000000 0.022222222
## 553          0.000000         61         2202.579167 0.005797101
## 554          0.000000         11          299.500000 0.036363636
## 556         90.000000         11         1056.500000 0.018181818
## 557          0.000000         46          627.308333 0.000000000
## 558          0.000000         33          583.833333 0.002631579
## 559          0.000000          7          221.500000 0.000000000
## 560          0.000000         44          441.791667 0.004545455
## 561          0.000000         37         1037.355013 0.000000000
## 562          0.000000         11          246.000000 0.018181818
## 563         -1.000000          1           -1.000000 0.000000000
## 564         18.000000          1           46.000000 0.000000000
## 565          0.000000         80          801.802381 0.000000000
## 566          0.000000         40         1361.166667 0.005000000
## 567          0.000000          5           53.000000 0.040000000
## 568          0.000000         17         2648.500000 0.012500000
## 569          0.000000          3           27.000000 0.066666667
## 570          0.000000         13          255.000000 0.000000000
## 571          0.000000          2          221.500000 0.000000000
## 572          0.000000          7          225.000000 0.028571429
## 573          0.000000          7          125.000000 0.000000000
## 574          0.000000         12          323.000000 0.033333333
## 575        245.000000         32         1929.329762 0.000000000
## 576          0.000000         96         4233.480700 0.006635802
## 577          0.000000          5          116.000000 0.000000000
## 578          0.000000          2            0.000000 0.200000000
## 579          0.000000         27         1585.666667 0.026666667
## 580          0.000000         13          644.000000 0.000000000
## 581          0.000000          5          488.500000 0.032727273
## 582         15.000000         25         1235.650000 0.041666667
## 583          0.000000         37         1505.166667 0.000000000
```

```
## 584          0.000000          7          495.000000 0.000000000
## 585          0.000000         21          270.000000 0.000000000
## 586          0.000000          2            0.000000 0.200000000
## 587          0.000000         13          293.000000 0.000000000
## 588          0.000000         51         2122.656061 0.000000000
## 589          0.000000         35         1231.160256 0.005714286
## 591          0.000000         17          341.666667 0.011764706
## 592         -1.000000          1           -1.000000 0.200000000
## 593          0.000000         21         1686.333333 0.000000000
## 594          0.000000          3          212.000000 0.000000000
## 595          0.000000         34         2161.979365 0.006250000
## 596        125.095238         17          318.073016 0.008695652
## 597          0.000000          1           13.000000 0.000000000
## 598          0.000000         30          390.666667 0.006666667
## 599          0.000000         11          253.000000 0.000000000
## 600          0.000000         12          208.000000 0.045454545
## 601          0.000000         62         1470.853037 0.000000000
## 602          0.000000         83         2585.618350 0.000000000
## 603          0.000000         13          400.333333 0.030769231
## 604        103.000000         10          808.500000 0.000000000
## 605          0.000000         12         1484.000000 0.000000000
## 606          0.000000          4          505.000000 0.000000000
## 607          0.000000         37         1121.205556 0.005405405
## 608          0.000000          2          141.000000 0.000000000
## 609          0.000000          3          234.000000 0.000000000
## 610          0.000000          7          179.000000 0.000000000
## 611        404.000000         41         2720.671429 0.012962963
## 612        147.866667        173         6255.017866 0.002531328
## 613        263.000000         48         2309.732468 0.003846154
## 614          0.000000         39         1936.550000 0.004761905
## 615          0.000000         17          694.000000 0.003703704
## 616          0.000000         11          125.000000 0.018181818
## 617          0.000000         10          195.500000 0.000000000
## 618          0.000000         27         1400.500000 0.000000000
## 619         41.000000         18          914.166667 0.000000000
## 620         53.000000         88         5958.071931 0.002105263
## 621          0.000000         31          270.491667 0.000000000
## 622          0.000000         24          463.816667 0.002666667
## 623          0.000000         16          371.500000 0.012500000
## 624          0.000000          6           13.000000 0.133333333
## 625        148.500000          5          185.833333 0.000000000
## 626          0.000000         16          502.833333 0.000000000
## 627          0.000000          3         1016.500000 0.066666667
## 628          0.000000         16          253.000000 0.000000000
## 629        126.000000         17          887.066667 0.012500000
## 630          0.000000         58         3200.366667 0.003448276
## 631         41.000000         48         1769.697383 0.000606061
## 632          0.000000         14         1037.500000 0.014285714
## 633          0.000000         40         1694.750000 0.020512821
## 634          0.000000         37         1643.435516 0.005555556
## 635          0.000000          7          383.500000 0.000000000
## 636        371.000000         23          626.221368 0.004444444
## 637          0.000000          4           34.000000 0.100000000
## 638          0.000000         27         1070.461905 0.000000000
```

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## 639          -1.000000          1          -1.000000 0.200000000
## 640           0.000000          3         195.000000 0.000000000
## 641           0.000000         22        1187.833333 0.009090909
## 642          77.000000         31        1021.619336 0.004545455
## 643           0.000000          6          58.000000 0.000000000
## 644           0.000000         18         771.083333 0.055555556
## 645           0.000000         19         291.258974 0.000000000
## 646           0.000000         15         695.400000 0.014285714
## 647           0.000000          3          21.000000 0.000000000
## 648           0.000000         45        1594.283333 0.000000000
## 649         395.000000         12         343.583333 0.000000000
## 650           0.000000         81        2241.002381 0.002439024
## 651           0.000000          2           5.000000 0.000000000
## 652           0.000000          2          63.000000 0.000000000
## 653           0.000000         21         825.083333 0.000000000
## 654           0.000000         54        1357.617830 0.000000000
## 655           4.000000         37         836.333333 0.005000000
## 656           0.000000         19        1409.416667 0.002469136
## 657           0.000000         10          60.500000 0.020000000
## 658          54.000000         10         420.000000 0.000000000
## 659           0.000000          1           0.000000 0.200000000
## 661           0.000000          9         389.000000 0.000000000
## 662           0.000000         15         449.500000 0.012500000
## 663           0.000000          8         202.166667 0.000000000
## 664           0.000000          2          17.000000 0.000000000
## 665           0.000000         12         689.285714 0.000000000
## 666          41.000000         31        2013.595238 0.000000000
## 667           0.000000         17         933.416667 0.031932773
## 668           0.000000         19         371.227273 0.001666667
## 669           0.000000          8         306.000000 0.000000000
## 670           0.000000         21         719.738095 0.004347826
## 671           0.000000          1           0.000000 0.200000000
## 672           0.000000          2          56.000000 0.000000000
## 673           0.000000         20         302.388889 0.000000000
## 674           0.000000         19         491.666667 0.011111111
## 675           0.000000         13         922.083333 0.023529412
## 676           0.000000         20         667.916667 0.000000000
## 677           0.000000         13         181.500000 0.000000000
## 678           0.000000         14         512.111111 0.028571429
## 679           0.000000         15         317.000000 0.000000000
## 680           0.000000         17          85.666667 0.023529412
## 681           0.000000          8         128.500000 0.000000000
## 682           0.000000          7          78.833333 0.004444444
## 683          40.666667         57         851.642653 0.000000000
## 684           0.000000         58        1400.438961 0.000000000
## 685           0.000000          6          84.000000 0.000000000
## 686           0.000000         12         167.222222 0.000000000
## 687           0.000000         12         396.500000 0.000000000
## 688           0.000000          2          22.000000 0.000000000
## 689           0.000000          5         371.000000 0.000000000
## 690         399.333333         46        1814.583333 0.003673469
## 691           0.000000          4          30.500000 0.000000000
## 692           0.000000         27         644.000000 0.007692308
## 693           0.000000         27        1802.250000 0.006060606
```

```
## 694          0.000000          23          855.166667 0.008000000
## 695        345.000000          24          879.909091 0.000000000
## 696          0.000000          56         1432.223333 0.000000000
## 697         23.000000         111         2524.501905 0.001694915
## 698         29.500000          45         1545.500000 0.000000000
## 699         75.250000          44         1616.425824 0.006944444
## 700          0.000000           8          332.000000 0.000000000
## 701          0.000000           1           40.000000 0.000000000
## 702          0.000000          20         2224.850000 0.004347826
## 703          0.000000          28          672.545238 0.000000000
## 704          0.000000           6          551.000000 0.033333333
## 705        116.000000          64         3179.354257 0.002531646
## 706          0.000000          10          203.000000 0.000000000
## 707          0.000000           9          368.200000 0.020000000
## 708        122.000000          26          694.712121 0.000000000
## 709          0.000000          10          657.261905 0.000000000
## 710          0.000000           7          974.666667 0.085714286
## 711          0.000000          43         1223.347222 0.000000000
## 712          0.000000          10          276.000000 0.044444444
## 713        844.000000           6         1108.000000 0.066666667
## 714          0.000000           7          223.000000 0.000000000
## 715          0.000000           3          261.000000 0.000000000
## 716          0.000000          21         1372.700000 0.019047619
## 717          0.000000          14          964.500000 0.000000000
## 718          0.000000          38          461.500000 0.010000000
## 719          0.000000           4           41.000000 0.050000000
## 720          0.000000           2            8.000000 0.000000000
## 721          0.000000           1            0.000000 0.200000000
## 722          0.000000           7           39.250000 0.028571429
## 723        407.000000          69         5485.105556 0.010526316
## 724          0.000000           8          450.000000 0.000000000
## 725          0.000000           1            0.000000 0.200000000
## 726          0.000000          20          438.333333 0.020000000
## 727          0.000000          15          787.000000 0.000000000
## 728          0.000000           1            0.000000 0.200000000
## 729          0.000000           6          319.000000 0.000000000
## 730          0.000000          15         1148.000000 0.014285714
## 731         60.500000          21          534.500000 0.004347826
## 732          0.000000          20          644.400000 0.000000000
## 733          0.000000          14          875.000000 0.000000000
## 734          0.000000           7          873.000000 0.000000000
## 735          0.000000          31         3121.369048 0.002857143
## 736         81.000000          82         3214.020563 0.000000000
## 737          0.000000           3           14.000000 0.000000000
## 738          0.000000          52         1551.666667 0.001818182
## 739          0.000000          13          334.500000 0.000000000
## 740          0.000000          48         3726.333333 0.000000000
## 741        329.500000          59         2816.781781 0.003214696
## 742          0.000000          38          667.166667 0.000000000
## 743          0.000000          41         1202.904762 0.011529933
## 744          0.000000           3            0.000000 0.200000000
## 745          0.000000          20         1117.333333 0.000000000
## 746          0.000000           9          211.000000 0.000000000
## 747         70.000000          29          705.400000 0.000000000
```

```
## 748          24.000000          3          5.333333 0.033333333
## 749           0.000000          7        525.000000 0.000000000
## 750           0.000000         13        635.333333 0.000000000
## 751           0.000000         50       1803.768849 0.001360544
## 752           0.000000         37       2419.133333 0.007894737
## 753           0.000000         28        952.285714 0.000000000
## 754           0.000000         14        249.000000 0.011764706
## 755           0.000000         13        271.000000 0.000000000
## 756           0.000000         15        650.696193 0.000000000
## 757         162.000000         17        481.666667 0.024561404
## 758           0.000000          7        258.500000 0.028571429
## 759           0.000000         14        510.500000 0.000000000
## 760           0.000000         16        600.750000 0.000000000
## 761         298.000000         49       2302.021242 0.000308642
## 762           0.000000         26       1636.016667 0.007692308
## 763           0.000000         16        519.750000 0.012500000
## 764           0.000000          1          0.000000 0.200000000
## 765           0.000000         11        673.000000 0.018181818
## 766           0.000000          4        173.500000 0.000000000
## 767           0.000000         16        156.533333 0.000000000
## 768           0.000000         21        574.533333 0.000000000
## 769           0.000000         17        548.333333 0.000000000
## 770         357.000000        109       6682.677557 0.000833333
## 771           0.000000         51       1671.375000 0.001098901
## 772           0.000000         11       1390.166667 0.012121212
## 773         235.550000         83       2503.881781 0.002197802
## 774           0.000000         24        520.666667 0.000000000
## 776           0.000000         19        423.816667 0.005952381
## 777          30.000000         11       1114.916667 0.000000000
## 778         104.000000         71       1678.905125 0.000000000
## 779           0.000000         29        438.866667 0.000000000
## 780           0.000000         23        505.583333 0.008000000
## 781           0.000000          9         76.000000 0.022222222
## 782           0.000000          7        203.500000 0.000000000
## 783           0.000000         28        818.791667 0.000000000
## 784          17.000000         17        490.000000 0.000000000
## 785           0.000000         12        645.916667 0.000000000
## 786           0.000000          8        142.000000 0.000000000
## 787           0.000000          6         25.000000 0.000000000
## 788           0.000000         16        672.500000 0.005555556
## 789           0.000000         35       1090.490476 0.013675214
## 790           0.000000          3         30.000000 0.000000000
## 791           0.000000         13        244.166667 0.000000000
## 792           0.000000         13        129.500000 0.061538462
## 793          88.000000         22       1734.780952 0.000000000
## 794           0.000000          6        145.000000 0.000000000
## 795           0.000000         16       1106.333333 0.025000000
## 796           0.000000         17        684.916667 0.015686275
## 797          51.000000         62       3120.211102 0.000563380
## 798           0.000000         12       1178.666667 0.024242424
## 799           0.000000          3         58.000000 0.000000000
## 800         321.666667        287      12983.787710 0.000668896
## 801           0.000000          6        139.000000 0.000000000
## 802           0.000000          6        558.000000 0.000000000
```

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## 803          26.000000          53          893.511111 0.003571429
## 804           0.000000           5           26.500000 0.040000000
## 805           0.000000           2            0.000000 0.200000000
## 806           0.000000           3            0.000000 0.200000000
## 807           0.000000          15          708.533333 0.000000000
## 808           0.000000           8          244.000000 0.025000000
## 809           0.000000           6          130.000000 0.000000000
## 810           0.000000          41         1282.500000 0.000000000
## 811         336.500000          42         1981.016667 0.005660377
## 812           0.000000           8          186.500000 0.000000000
## 813           0.000000           6          119.000000 0.000000000
## 814           0.000000          22         1310.500000 0.009523810
## 815           0.000000           4         1111.000000 0.000000000
## 816           0.000000          18         1066.500000 0.000000000
## 817           0.000000           4          110.500000 0.000000000
## 818           0.000000           5           36.000000 0.000000000
## 819          76.500000          22          850.533333 0.004545455
## 820           0.000000           3           16.000000 0.033333333
## 821           0.000000           5           49.000000 0.000000000
## 822           0.000000          10          214.250000 0.000000000
## 823           0.000000           3            0.000000 0.200000000
## 824           0.000000           7          141.833333 0.064285714
## 825           0.000000           5          143.500000 0.000000000
## 826           0.000000          51         5818.916667 0.000980392
## 827          50.000000          30         1461.666667 0.000000000
## 828           0.000000          13          123.000000 0.000000000
## 829          13.000000          66         2049.458471 0.004489796
## 830           0.000000          11          271.716667 0.000000000
## 831          20.000000          36         1279.166667 0.000000000
## 832           0.000000           4            0.000000 0.200000000
## 833           0.000000           4           70.500000 0.050000000
## 834           0.000000          12          231.181818 0.000000000
## 835           0.000000          36         1567.966667 0.000000000
## 836           0.000000           8          119.333333 0.015384615
## 837           0.000000          15          605.885714 0.000000000
## 838           0.000000          35          502.547619 0.010256410
## 839           0.000000          27          808.700000 0.006896552
## 840           0.000000           3           58.000000 0.000000000
## 841           0.000000          19          494.500000 0.000000000
## 842           0.000000           6          203.150000 0.000000000
## 843           0.000000          63         1656.316667 0.004166667
## 844           0.000000          32         1420.250000 0.006250000
## 845        1467.000000          26          721.000000 0.000000000
## 846          13.000000          27         1433.916667 0.000000000
## 847           0.000000          17          478.833333 0.000000000
## 848           0.000000           7          182.000000 0.028571429
## 849         450.000000          35         1974.352381 0.004761905
## 850           0.000000          12          223.583333 0.000000000
## 851          26.000000          15          817.416667 0.026666667
## 852           0.000000          17          750.166667 0.000000000
## 853           0.000000           2           13.000000 0.100000000
## 854         384.000000          52         4699.277778 0.007258065
## 855           0.000000          42         1030.266667 0.000000000
## 856          90.000000          35          776.019048 0.000000000
```

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## 857          0.000000          3          558.000000 0.000000000
## 858          0.000000         27          520.333333 0.000000000
## 859          0.000000          8          349.500000 0.000000000
## 860          0.000000         31          754.500000 0.000000000
## 861          0.000000         13          305.000000 0.000000000
## 862          0.000000         21          399.851190 0.000000000
## 863          0.000000          6           74.000000 0.000000000
## 864          0.000000         21          696.666667 0.000000000
## 865          0.000000          3           59.000000 0.000000000
## 866          0.000000          3           50.000000 0.000000000
## 867         74.750000         84         2756.215152 0.000000000
## 868          0.000000         12          425.166667 0.000000000
## 869          0.000000         78         1781.696970 0.003205128
## 870          0.000000          7          296.166667 0.000000000
## 871          0.000000          1            0.000000 0.200000000
## 872          0.000000         36         1792.800000 0.000000000
## 874          0.000000         24          515.575758 0.000000000
## 875          0.000000         35         1334.551371 0.000000000
## 876          0.000000          6           64.000000 0.100000000
## 877        102.000000         31          624.583333 0.016216216
## 878        109.750000         41         1284.663492 0.016326531
## 879          0.000000         10          316.500000 0.000000000
## 880          0.000000         22          925.833333 0.018181818
## 881          0.000000          7           97.000000 0.057142857
## 882          0.000000          1           28.000000 0.000000000
## 883          0.000000         40          633.400000 0.002272727
## 884          0.000000          5          436.500000 0.000000000
## 885          0.000000        137         3909.368290 0.000000000
## 886          0.000000          3           24.000000 0.000000000
## 887          0.000000         18          915.166667 0.021052632
## 888          0.000000          5          137.333333 0.000000000
## 889          0.000000          5           95.000000 0.040000000
## 891          0.000000         24          778.166667 0.000000000
## 892         47.000000         47         1842.950000 0.000000000
## 893          0.000000         27         1206.000000 0.016000000
## 894          0.000000          9          324.500000 0.014814815
## 895        229.000000         38         1054.944444 0.010869565
## 896          0.000000         12          402.166667 0.041666667
## 897          0.000000          5          388.000000 0.000000000
## 898          0.000000          1            0.000000 0.200000000
## 899          0.000000         16          352.000000 0.000000000
## 900          0.000000         11          194.000000 0.000000000
## 901          0.000000         15          751.800000 0.026666667
## 902          0.000000          9          465.500000 0.006666667
## 903          0.000000         25          585.000000 0.000000000
## 904          0.000000         10          253.500000 0.000000000
## 905         84.500000          4           46.500000 0.000000000
## 906        243.500000         43         3065.945238 0.000000000
## 907        389.366667         57         2099.930554 0.003333333
## 908          0.000000          2           30.000000 0.000000000
## 909          0.000000          3           52.000000 0.000000000
## 910         75.500000          4          158.500000 0.000000000
## 911          0.000000          1            0.000000 0.000000000
## 912          0.000000          9          250.500000 0.000000000
```

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## 913          0.000000          66       3960.646154 0.002941176
## 914          0.000000           9        280.000000 0.000000000
## 915          0.000000          13        281.547619 0.003846154
## 916          0.000000          13       2004.500000 0.028571429
## 917          0.000000          53        967.210697 0.000892857
## 918          0.000000           6        100.000000 0.000000000
## 919        158.000000           6         73.214286 0.000000000
## 920         32.000000          20        789.350000 0.000000000
## 921          0.000000          30       1281.000000 0.006666667
## 922         44.500000          20       1115.266667 0.000000000
## 924         92.000000          18        341.291667 0.000000000
## 925          0.000000         113       3000.666667 0.003478261
## 926         81.333333          29       1715.687897 0.010909091
## 927          0.000000           8        607.000000 0.037500000
## 928          0.000000           2         31.000000 0.000000000
## 929          0.000000          16       1027.657143 0.012500000
## 930          0.000000           1          0.000000 0.200000000
## 931          0.000000           8        196.500000 0.000000000
## 932         64.000000          30       2284.687302 0.019354839
## 933          0.000000          49       1503.490909 0.000000000
## 934          0.000000           1          0.000000 0.200000000
## 935          0.000000          12        271.333333 0.000000000
## 936          0.000000           6         97.333333 0.000000000
## 937          0.000000           5        161.333333 0.000000000
## 938         32.500000           7         67.000000 0.000000000
## 939          0.000000          34       1006.257576 0.000000000
## 940          0.000000          22        869.900000 0.000000000
## 941          0.000000          19        479.866667 0.000000000
## 942          0.000000           7        229.500000 0.030000000
## 943          0.000000           1          0.000000 0.200000000
## 944          0.000000          20        606.000000 0.000000000
## 945          0.000000          39        881.441667 0.004166667
## 946          0.000000           1          0.000000 0.200000000
## 947          0.000000           8        371.666667 0.000000000
## 949          0.000000          43       2798.073810 0.000000000
## 950          0.000000           4         12.000000 0.000000000
## 951          0.000000          42       1185.666667 0.000000000
## 952          0.000000           2         60.000000 0.000000000
## 953          0.000000          89       6770.274267 0.006315789
## 954          0.000000           5        337.250000 0.000000000
## 955          0.000000          13        323.916667 0.000000000
## 956        242.055556          17       1142.816919 0.006818182
## 957          0.000000           1          0.000000 0.200000000
## 958          0.000000           4        148.500000 0.050000000
## 959          0.000000          11        207.000000 0.000000000
## 960          0.000000           2         11.000000 0.000000000
## 961          0.000000           6         53.000000 0.000000000
## 962          0.000000           9        354.000000 0.000000000
## 963          0.000000          10        277.142857 0.000000000
## 964          0.000000          17        411.625000 0.000000000
## 965          0.000000          16        392.142857 0.006250000
## 966          0.000000          68       3135.517677 0.003361345
## 967         52.250000          55       1127.288305 0.003125000
## 968          0.000000          25        954.470238 0.000000000
```

```
## 969          0.000000          33        3506.166667 0.000000000
## 970          0.000000          19         370.380952 0.000000000
## 971          0.000000           3          50.000000 0.000000000
## 972          0.000000           9         139.250000 0.015384615
## 973          0.000000          15         270.500000 0.000000000
## 974          0.000000           9         321.000000 0.033333333
## 976          0.000000           3          64.750000 0.000000000
## 977          0.000000           4          26.500000 0.000000000
## 978          0.000000          14         927.277778 0.000000000
## 979          0.000000           7         141.166667 0.000000000
## 980        369.000000          90        7221.000000 0.001030928
## 981          0.000000          12         218.500000 0.000000000
## 982          0.000000          12         262.500000 0.028571429
## 983          0.000000          17         469.416667 0.000000000
## 984          0.000000          27        1240.916667 0.000000000
## 985          0.000000           5         143.500000 0.000000000
## 986          0.000000           7         101.000000 0.028571429
## 987          0.000000           5          62.500000 0.022222222
## 988          0.000000           6         156.000000 0.000000000
## 989          0.000000           6         104.000000 0.000000000
## 990          0.000000          15        1349.000000 0.000000000
## 991          0.000000          11         331.250000 0.016666667
## 992          0.000000           8         301.500000 0.000000000
## 993          0.000000           8         157.571429 0.000000000
## 994          0.000000           1           0.000000 0.200000000
## 995          0.000000          19         224.958333 0.000000000
## 996          0.000000          39        1152.500000 0.011965812
## 997          3.000000          61        2292.679762 0.000000000
## 998          0.000000           9         329.000000 0.022222222
## 999          0.000000           8         111.666667 0.000000000
## 1000         0.000000          15        1074.428571 0.015384615
## 1001         0.000000          32        1080.047619 0.000000000
## 1002         0.000000          23         666.946429 0.007692308
## 1003         0.000000          14         239.000000 0.000000000
## 1004         0.000000          14         279.900000 0.000000000
## 1005         0.000000           1           0.000000 0.200000000
## 1006         0.000000          15        1674.000000 0.000000000
## 1007         0.000000           3          15.000000 0.000000000
## 1008         0.000000          22         480.966667 0.004848485
## 1009         0.000000           3          62.000000 0.000000000
## 1010         0.000000          23        1841.171429 0.000000000
## 1011         0.000000           2          37.500000 0.000000000
## 1012         0.000000          11         131.300000 0.000000000
## 1013         0.000000           2          92.000000 0.000000000
## 1014         0.000000           3          78.333333 0.000000000
## 1015         0.000000           7         114.600000 0.028571429
## 1016         0.000000          18         671.000000 0.000000000
## 1017         0.000000          11         624.000000 0.000000000
## 1018       123.333333          34         448.750000 0.021621622
## 1019         0.000000           4          35.000000 0.000000000
## 1020         0.000000           7          79.500000 0.000000000
## 1021         0.000000          10         189.500000 0.000000000
## 1022         0.000000          15        2190.666667 0.000000000
## 1023         0.000000           2           0.000000 0.200000000
```

```
## 1024          0.000000          2          0.000000 0.200000000
## 1025          0.000000          5        672.500000 0.000000000
## 1026          0.000000         67       2502.816667 0.006060606
## 1027        281.500000         83       1778.125214 0.007967033
## 1028          0.000000          4         49.500000 0.050000000
## 1029          0.000000         12        261.000000 0.033333333
## 1030          0.000000         12        663.500000 0.000000000
## 1031          0.000000         16        284.900000 0.003333333
## 1032          0.000000          7        236.000000 0.057142857
## 1033          0.000000         19        576.083333 0.009090909
## 1034          0.000000          3         77.000000 0.000000000
## 1036          0.000000          3         79.000000 0.066666667
## 1037        710.000000         66       4566.952839 0.006470588
## 1038        125.500000         65       8646.000000 0.000000000
## 1039          0.000000         17        600.500000 0.000000000
## 1040          0.000000         21        434.500000 0.000000000
## 1041          0.000000         35        499.400000 0.011764706
## 1042         87.000000         50       1694.797619 0.008928571
## 1043          0.000000          7        181.500000 0.000000000
## 1044          0.000000         54       1306.151974 0.003508772
## 1045          0.000000          6         75.000000 0.000000000
## 1046          0.000000          6         61.000000 0.000000000
## 1047          0.000000         12       1165.333333 0.004166667
## 1048          0.000000          1          0.000000 0.200000000
## 1049          0.000000          6         70.833333 0.000000000
## 1050          0.000000         31        649.307143 0.000000000
## 1051         61.000000         49       1647.152381 0.000000000
## 1052         63.000000         60       3135.442572 0.001666667
## 1053          0.000000          9        181.333333 0.029629630
## 1054          0.000000          9        159.000000 0.000000000
## 1055          0.000000          8        465.833333 0.000000000
## 1056          0.000000          3        112.000000 0.066666667
## 1057          0.000000         40        952.966667 0.001666667
## 1058          0.000000          8        372.833333 0.000000000
## 1059          0.000000         14        327.000000 0.000000000
## 1060          0.000000          1          0.000000 0.200000000
## 1061          0.000000          6       1057.000000 0.000000000
## 1062          0.000000          3         12.000000 0.000000000
## 1063          0.000000          1         36.000000 0.000000000
## 1064          0.000000         30       2264.333333 0.000000000
## 1065          0.000000         28        866.000000 0.000000000
## 1067          0.000000         17        701.542424 0.013333333
## 1068          0.000000         20        979.083333 0.000000000
## 1069          0.000000         28        324.769231 0.000000000
## 1070         94.500000         47       1682.870247 0.001333333
## 1071          0.000000          9        210.000000 0.044444444
## 1072          0.000000         20        332.000000 0.030000000
## 1073          0.000000         13       1610.916667 0.000000000
## 1074          0.000000         50       1188.566667 0.007843137
## 1075          0.000000          3         98.000000 0.000000000
## 1076         36.333333         38       1663.683333 0.005405405
## 1077          0.000000         39        930.300000 0.001190476
## 1078          0.000000         21       1003.000000 0.000000000
## 1079          0.000000          3         69.000000 0.000000000
```

```
## 1080          0.000000          27          1199.725758 0.007407407
## 1081          0.000000          34          1524.058333 0.019393939
## 1082         45.000000          11           624.000000 0.015384615
## 1083          0.000000          37          1229.766667 0.005405405
## 1084          0.000000          13           972.600000 0.000000000
## 1085          0.000000          17           438.433333 0.003030303
## 1086          0.000000          10           270.000000 0.000000000
## 1087          0.000000           3           333.000000 0.000000000
## 1088          0.000000          20           504.233333 0.010000000
## 1089          0.000000          27           845.500000 0.000000000
## 1090        237.000000          16           744.500000 0.013333333
## 1091          0.000000          21          1129.000000 0.009523810
## 1092          0.000000           8           358.000000 0.000000000
## 1093          0.000000          24           832.000000 0.000000000
## 1094          0.000000           4            36.500000 0.000000000
## 1095          0.000000           7           157.000000 0.000000000
## 1096          0.000000           9            71.333333 0.000000000
## 1097        138.500000          11           227.500000 0.000000000
## 1098         56.000000          22          1054.309524 0.004761905
## 1099          0.000000           6           308.166667 0.083333333
## 1100          0.000000          10           229.250000 0.000000000
## 1101         29.000000           9           225.833333 0.000000000
## 1102         26.000000          22           326.583333 0.018181818
## 1103          8.000000         104          3486.690476 0.003301887
## 1104          0.000000           8           863.333333 0.000000000
## 1105          0.000000           1            67.000000 0.100000000
## 1106        171.500000          54          1405.131241 0.000000000
## 1107         61.000000          23          1031.704762 0.000000000
## 1108          0.000000          24           917.083333 0.008333333
## 1109          0.000000          19           573.657143 0.036842105
## 1110          0.000000           5            94.500000 0.000000000
## 1111          0.000000          13           238.166667 0.000000000
## 1112          0.000000           3           164.000000 0.000000000
## 1113         14.000000          31           750.590476 0.007407407
## 1114          0.000000          19          1834.083333 0.020000000
## 1115          0.000000          19           606.833333 0.031578947
## 1116        300.000000          13           509.121429 0.006666667
## 1117          0.000000           2            19.000000 0.000000000
## 1118          0.000000          61          5900.351378 0.000000000
## 1119          0.000000           1             0.000000 0.200000000
## 1121          0.000000          13           449.333333 0.006153846
## 1122          0.000000          12           200.000000 0.000000000
## 1123          0.000000          16           946.166667 0.000000000
## 1124          0.000000           2             0.000000 0.200000000
## 1125          0.000000           3           514.000000 0.000000000
## 1126          0.000000           5            64.000000 0.000000000
## 1127          0.000000           2           210.000000 0.000000000
## 1128          0.000000          12          1180.500000 0.000000000
## 1129          0.000000           9           771.500000 0.022222222
## 1130          0.000000          37          1096.750000 0.000000000
## 1131          0.000000           5           381.666667 0.000000000
## 1132        127.000000          55          1509.594444 0.006451613
## 1138          0.000000          18          1181.198413 0.000000000
## 1139          0.000000          17          1394.666667 0.000000000
```

```
## 1140          0.000000          8          326.000000 0.000000000
## 1141          0.000000          9          459.830769 0.000000000
## 1142        278.000000          3          162.000000 0.000000000
## 1143          0.000000          1            0.000000 0.200000000
## 1144          0.000000          1            0.000000 0.200000000
## 1145          0.000000         37         2043.500000 0.005555556
## 1146          0.000000         24          663.466667 0.002564103
## 1147          0.000000        129         7669.250794 0.000000000
## 1148          0.000000         12          115.166667 0.028571429
## 1149          0.000000         11          296.450000 0.000000000
## 1150          0.000000         56         2633.869048 0.003703704
## 1151          0.000000         19          392.000000 0.021052632
## 1152          0.000000         13          748.666667 0.000000000
## 1153          0.000000         18          834.666667 0.004761905
## 1154          0.000000          2            5.000000 0.000000000
## 1155          0.000000          1            0.000000 0.200000000
## 1156          0.000000          3           11.000000 0.050000000
## 1157         37.000000         15          497.333333 0.012500000
## 1158          0.000000         28          631.989682 0.017647059
## 1159          0.000000         11          315.600000 0.000000000
## 1160          0.000000         14          183.333333 0.000000000
## 1161          0.000000          8          192.166667 0.000000000
## 1162          0.000000         16         1296.600000 0.022222222
## 1163          0.000000          3           17.000000 0.100000000
## 1164         41.000000         13          698.000000 0.000000000
## 1165          0.000000         17         1093.142857 0.000000000
## 1166          0.000000          9         2397.500000 0.000000000
## 1167          0.000000          3           56.000000 0.000000000
## 1168         62.000000         11          196.200000 0.000000000
## 1169          0.000000          3           39.666667 0.000000000
## 1170          0.000000          1            0.000000 0.200000000
## 1172         42.000000         20          408.333333 0.000000000
## 1173          0.000000          2            0.000000 0.200000000
## 1174          0.000000         29          906.566667 0.000000000
## 1175          0.000000          4          149.000000 0.000000000
## 1176          0.000000         30         1224.750000 0.000000000
## 1178         17.666667         18         1262.000000 0.000000000
## 1179          0.000000         12          207.000000 0.000000000
## 1180          0.000000          7          115.666667 0.000000000
## 1181          0.000000          1            0.000000 0.200000000
## 1182          0.000000          3          321.500000 0.050000000
## 1183          0.000000         63         3552.702381 0.000000000
## 1184          0.000000         19          716.357143 0.004761905
## 1185          0.000000         12          343.000000 0.019444444
## 1186         24.000000         56         3763.166667 0.003389831
## 1187          0.000000          7          272.500000 0.000000000
## 1188          0.000000          3           81.000000 0.000000000
## 1189          0.000000         17         1883.827222 0.000751880
## 1190          0.000000          7          251.666667 0.028571429
## 1191          0.000000          7         1413.333333 0.036000000
## 1192          0.000000          3           79.500000 0.000000000
## 1193          0.000000          6           83.000000 0.000000000
## 1194          0.000000         17          584.500000 0.000000000
## 1195          0.000000         30          940.833333 0.012121212
```

```
## 1196          0.000000          20          791.666667 0.011111111
## 1197          0.000000          77         4346.541667 0.003070175
## 1198          0.000000           5           50.500000 0.000000000
## 1199          0.000000           6           74.000000 0.000000000
## 1200          0.000000           8           83.000000 0.057142857
## 1201          0.000000          68         2593.741667 0.002941176
## 1202          0.000000           6           59.000000 0.000000000
## 1203        219.000000          53         1518.761111 0.007272727
## 1204          0.000000           6           62.000000 0.000000000
## 1205          0.000000          30          365.400000 0.027586207
## 1206          0.000000           7           50.500000 0.000000000
## 1207          0.000000          12          468.000000 0.016666667
## 1208          0.000000          23         7533.272727 0.000000000
## 1209          0.000000          35         1059.000000 0.000000000
## 1210          0.000000           5           52.000000 0.000000000
## 1211          0.000000           6          892.000000 0.000000000
## 1212          0.000000           9          430.500000 0.000000000
## 1213          0.000000          17          132.633333 0.011764706
## 1216          0.000000          14          363.318182 0.014285714
## 1217          0.000000           3           73.000000 0.000000000
## 1218          0.000000           8          612.000000 0.000000000
## 1219        388.666667          33          595.009524 0.000000000
## 1220          0.000000           6          495.000000 0.000000000
## 1221          0.000000           4           49.500000 0.000000000
## 1222        109.000000          47         1813.208333 0.000000000
## 1223          0.000000           9          218.000000 0.000000000
## 1224          0.000000           4          102.000000 0.000000000
## 1225          0.000000          23         1278.090909 0.000000000
## 1226          0.000000           3           25.000000 0.000000000
## 1227        445.000000          38          996.516667 0.000854701
## 1228          0.000000           6           69.500000 0.000000000
## 1229          0.000000          40         1530.248485 0.005128205
## 1230          0.000000          43         2595.280952 0.009090909
## 1231          0.000000          12          471.500000 0.016666667
## 1232          0.000000          54          923.675735 0.000000000
## 1233          0.000000          10          153.000000 0.020000000
## 1234          0.000000          48         3946.008333 0.007272727
## 1235          0.000000          26          648.400000 0.000000000
## 1236          0.000000           5           56.000000 0.040000000
## 1237          0.000000           1            0.000000 0.200000000
## 1238          0.000000          21          263.000000 0.009523810
## 1239          0.000000           6          193.000000 0.000000000
## 1240          0.000000           3           38.000000 0.100000000
## 1241          0.000000           8          116.000000 0.025000000
## 1242          0.000000          33         1077.869048 0.001562500
## 1243          0.000000           5          266.333333 0.040000000
## 1244          0.000000           3           17.000000 0.000000000
## 1245          0.000000           3           67.500000 0.000000000
## 1246          0.000000          28          499.666667 0.000000000
## 1247          0.000000           7          286.000000 0.025000000
## 1248          0.000000           8          112.728571 0.000000000
## 1249          0.000000          24         1571.000000 0.000000000
## 1250          0.000000          11          241.000000 0.000000000
## 1251          0.000000          11          187.000000 0.031818182
```

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## 1252          338.000000          11          451.000000 0.000000000
## 1253            0.000000          42         1741.483333 0.000000000
## 1254           80.500000          46          838.683333 0.000000000
## 1255           53.000000          22          406.000000 0.002564103
## 1256            0.000000          18          437.187500 0.011111111
## 1257            0.000000          28          898.500000 0.000000000
## 1258            0.000000          19          215.750000 0.000000000
## 1259            0.000000          20          266.583333 0.011111111
## 1260            0.000000           6          546.000000 0.000000000
## 1261            0.000000          16         2156.000000 0.018750000
## 1262            0.000000          17          557.166667 0.023529412
## 1263           35.000000          19          461.050000 0.016666667
## 1264            0.000000          18         1473.333333 0.011111111
## 1265            0.000000          13          474.833333 0.000000000
## 1266            0.000000           1            0.000000 0.200000000
## 1267            0.000000           6          212.000000 0.026666667
## 1268            0.000000          11          500.000000 0.000000000
## 1269           56.000000          10          369.000000 0.000000000
## 1270            0.000000           5          136.666667 0.020000000
## 1271            0.000000          10          243.200000 0.020000000
## 1272            0.000000          12          459.000000 0.000000000
## 1273          105.666667           6          441.466667 0.000000000
## 1274          308.000000           6          328.000000 0.000000000
## 1275            0.000000           3           36.000000 0.000000000
## 1276            0.000000          20          518.666667 0.000000000
## 1277           33.000000          26          631.458333 0.000000000
## 1278            0.000000          16         1849.833333 0.000000000
## 1279            0.000000           8          436.000000 0.000000000
## 1280            0.000000           5          132.000000 0.000000000
## 1281            0.000000          35          850.333333 0.000000000
## 1282           32.000000          17          457.795727 0.007258065
## 1283            0.000000           5          143.000000 0.000000000
## 1284            0.000000          59         3224.819084 0.002985075
## 1285            0.000000          24         1038.845238 0.000000000
## 1286            0.000000           1            0.000000 0.200000000
## 1287            0.000000           6          216.000000 0.000000000
## 1288            0.000000          20          363.666667 0.010000000
## 1289            0.000000          17         1314.250000 0.045833333
## 1290            0.000000           5          146.000000 0.146666667
## 1291            0.000000           8          228.000000 0.000000000
## 1293            0.000000          11          419.750000 0.000000000
## 1294            0.000000          15          270.000000 0.028571429
## 1295            0.000000          32          395.222222 0.006060606
## 1296            0.000000           4            9.000000 0.100000000
## 1297            0.000000          17          945.010870 0.006334842
## 1298            0.000000           3           90.000000 0.000000000
## 1299           55.000000           9          936.833333 0.000000000
## 1300            0.000000           3            8.000000 0.000000000
## 1301            0.000000          20          447.500000 0.020000000
## 1302           73.000000          16          416.400000 0.000000000
## 1303            0.000000          36         1051.248276 0.000000000
## 1304            0.000000          10         1218.000000 0.000000000
## 1305            0.000000          15          756.333333 0.012500000
## 1306            0.000000           5          210.000000 0.120000000
```

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## 1307          0.000000          24          427.083333 0.026388889
## 1308          0.000000           2           31.000000 0.000000000
## 1309          0.000000           4          388.000000 0.050000000
## 1310          0.000000           4          151.500000 0.000000000
## 1311          0.000000          36         1387.606061 0.005263158
## 1312          0.000000          30         1418.000000 0.000000000
## 1313          0.000000          25          437.222222 0.028571429
## 1314          0.000000          14          411.500000 0.000000000
## 1315          0.000000          13          142.000000 0.000000000
## 1316         28.000000          13          474.666667 0.000000000
## 1317          0.000000          20         1415.625000 0.012698413
## 1318          0.000000           1            0.000000 0.000000000
## 1319          0.000000          30         1448.752381 0.006060606
## 1320          0.000000           3           96.500000 0.000000000
## 1321        209.000000          17         2777.666667 0.000000000
## 1322          0.000000          12         1436.500000 0.000000000
## 1323          0.000000           8          224.000000 0.000000000
## 1324          7.000000          46         3087.000000 0.003773585
## 1325         58.000000          71         3424.583333 0.001315789
## 1327         46.000000           9          546.000000 0.000000000
## 1328          0.000000          43         1418.500000 0.000000000
## 1329          0.000000           8          423.000000 0.000000000
## 1330         21.000000          20          651.400000 0.000000000
## 1331          0.000000           6          249.500000 0.000000000
## 1332          0.000000          11          337.000000 0.045454545
## 1333          0.000000           1            0.000000 0.200000000
## 1334          0.000000          26         1377.769697 0.000000000
## 1335         83.000000          16          223.000000 0.000000000
## 1336        373.000000           6           66.833333 0.000000000
## 1337          0.000000           4          957.000000 0.161904762
## 1338          0.000000           2          135.000000 0.000000000
## 1339          0.000000          36         1166.726190 0.000000000
## 1340        139.000000          80         4099.737392 0.004117063
## 1341          0.000000           4           31.000000 0.000000000
## 1342        101.000000          12          205.976191 0.015384615
## 1343        141.000000          25         1644.000000 0.002150538
## 1344          0.000000           4          268.000000 0.000000000
## 1345          0.000000           8          158.500000 0.000000000
## 1346          0.000000          11          298.000000 0.000000000
## 1347        186.000000          31         2905.943651 0.000000000
## 1348          0.000000          41          419.000000 0.013008130
## 1349          0.000000           5          279.000000 0.000000000
## 1350          0.000000          43         1286.688889 0.004545455
## 1351          0.000000          49         1616.083333 0.004000000
## 1352        416.000000          21         2755.670940 0.004545455
## 1353          0.000000          26          655.783333 0.003846154
## 1354          0.000000          20          917.350000 0.000000000
## 1355          0.000000          12          353.000000 0.000000000
## 1356          0.000000           2           27.000000 0.000000000
## 1358          0.000000          12          286.000000 0.000000000
## 1359          0.000000           6          835.833333 0.033333333
## 1360         23.500000          18          338.127273 0.000000000
## 1361          0.000000           2           22.000000 0.000000000
## 1362          9.500000          20         1572.571429 0.000000000
```

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## 1363          16.000000          21          1321.059195 0.009032258
## 1364           0.000000           2             0.000000 0.200000000
## 1365           0.000000           2           187.000000 0.100000000
## 1366           0.000000          19           502.458333 0.000000000
## 1368           0.000000          20          1424.928571 0.010000000
## 1369         845.000000          82          2448.784448 0.000374532
## 1370           0.000000          32          1480.666667 0.000000000
## 1371           0.000000           6            25.500000 0.066666667
## 1372           0.000000           5           236.000000 0.000000000
## 1373           0.000000          50           952.434524 0.000000000
## 1374           0.000000           5           182.000000 0.000000000
## 1375           0.000000          24           854.333333 0.000000000
## 1376           0.000000           3            39.000000 0.000000000
## 1377           0.000000          15          1332.833333 0.014285714
## 1378           0.000000          16           467.916667 0.011111111
## 1379           0.000000          25           674.250000 0.000000000
## 1380           0.000000          50          2207.391667 0.001724138
## 1381           0.000000          10           300.000000 0.000000000
## 1383           0.000000           6           177.500000 0.033333333
## 1384           0.000000          34           311.500000 0.000000000
## 1385           0.000000          15           486.516667 0.000000000
## 1386         255.000000          15          1418.250000 0.000000000
## 1387           0.000000          10           391.850000 0.018055556
## 1388           0.000000          10           142.666667 0.000000000
## 1389           0.000000          53          1659.319697 0.000000000
## 1390           0.000000           1             0.000000 0.200000000
## 1392           0.000000          59          1560.601163 0.005172414
## 1393           0.000000          65          1451.227362 0.003030303
## 1394           0.000000          21          2588.958333 0.000000000
## 1396           0.000000           3            80.000000 0.000000000
## 1397           0.000000           1             0.000000 0.200000000
## 1398           0.000000          31           496.583333 0.005405405
## 1399           0.000000          21           678.273809 0.000000000
## 1400           0.000000           4            55.000000 0.000000000
## 1401           0.000000           4            34.000000 0.100000000
## 1402           0.000000           8           163.000000 0.000000000
## 1403           0.000000           7           286.500000 0.000000000
## 1404           0.000000          20          1395.258333 0.000000000
## 1405           0.000000          10            90.000000 0.000000000
## 1406           0.000000           5           142.000000 0.000000000
## 1407           0.000000           9           416.666667 0.000000000
## 1408         208.500000          12           413.800000 0.000000000
## 1409           0.000000           2           403.000000 0.100000000
## 1410           0.000000           6           106.000000 0.100000000
## 1411          41.000000          16           515.000000 0.000000000
## 1412           0.000000          26           392.000000 0.007692308
## 1413           0.000000           1             0.000000 0.200000000
## 1414           0.000000          25          1720.000000 0.000000000
## 1415           0.000000           8           226.500000 0.000000000
## 1416           0.000000          10           130.166667 0.055555556
## 1417           0.000000          14           192.933333 0.000000000
## 1418           0.000000          20           745.333333 0.009523810
## 1419           0.000000           5            97.000000 0.000000000
## 1420           0.000000           4           233.000000 0.050000000
```

```
## 1421          0.000000          20        1409.809524 0.008695652
## 1422          0.000000          12         448.500000 0.000000000
## 1423          0.000000           6          73.750000 0.033333333
## 1424         20.500000          10         386.150000 0.000000000
## 1425          0.000000          16         638.833333 0.000000000
## 1426          0.000000          17         489.583333 0.000000000
## 1427          0.000000          23         660.816667 0.000000000
## 1428         67.000000          44        1489.144444 0.004081633
## 1429          0.000000          20        2270.833333 0.000000000
## 1430          0.000000          12         121.000000 0.028571429
## 1431          0.000000          15         296.000000 0.000000000
## 1432          0.000000           0           0.000000 0.000000000
## 1433          0.000000          12         481.833333 0.000000000
## 1434          0.000000          13         309.933333 0.000000000
## 1435          0.000000           7          55.000000 0.057142857
## 1436          0.000000          14         851.000000 0.000000000
## 1438          0.000000           3          55.000000 0.066666667
## 1439          0.000000           7          88.333333 0.000000000
## 1440          0.000000          25         893.100000 0.000000000
## 1441          0.000000          12         526.333333 0.022222222
## 1442          0.000000          26         535.345960 0.007407407
## 1443          0.000000          18         884.633333 0.021052632
## 1444          0.000000           2          24.000000 0.000000000
## 1445        100.000000          22        2175.993651 0.010000000
## 1446          0.000000           8          57.000000 0.000000000
## 1447          0.000000          28        1028.116667 0.000000000
## 1448          0.000000           4          93.000000 0.000000000
## 1449        291.500000          35        1373.464719 0.001550388
## 1450          0.000000          34         991.367857 0.005263158
## 1451          0.000000           1           1.000000 0.000000000
## 1452          0.000000           7         147.250000 0.028571429
## 1453          0.000000           2           0.000000 0.200000000
## 1455          0.000000           9        1225.500000 0.022222222
## 1456          0.000000           3         183.000000 0.000000000
## 1457          0.000000          10         250.800000 0.000000000
## 1458        105.000000           9         148.250000 0.020000000
## 1459         70.000000          16         504.083333 0.005714286
## 1460          0.000000          43        1650.416667 0.000000000
## 1461          0.000000          28        2743.216667 0.020689655
## 1462          0.000000          37        1288.533333 0.005263158
## 1463          0.000000          15         447.500000 0.030000000
## 1464          7.000000          41        1663.761905 0.004347826
## 1465          0.000000          22        1165.583333 0.000000000
## 1466          0.000000           3          17.000000 0.000000000
## 1467         60.500000          46        1038.916667 0.021276596
## 1468          0.000000          12         249.500000 0.005555556
## 1469         34.000000          17        1302.500000 0.000000000
## 1470          0.000000          10         172.500000 0.010000000
## 1471          0.000000          50         925.947619 0.000000000
## 1472         58.166667          38        1524.702381 0.000000000
## 1473          0.000000          13         288.000000 0.012500000
## 1478          0.000000          13        1476.300000 0.007692308
## 1479          0.000000           9         685.000000 0.000000000
## 1480          0.000000          74        2396.690316 0.002699055
```

```
## 1481          0.000000          7          451.833333 0.028571429
## 1482          0.000000         25         1512.523810 0.000000000
## 1483          0.000000         14          306.500000 0.000000000
## 1484          0.000000          5           62.000000 0.120000000
## 1485          0.000000         48         3332.293511 0.000000000
## 1486          0.000000         22         2815.416667 0.000000000
## 1487          0.000000         13          956.500000 0.000000000
## 1488          0.000000         37         1500.422543 0.014634146
## 1489          0.000000         20         2271.000000 0.000000000
## 1490          0.000000          8          588.166667 0.000000000
## 1491          0.000000         27         1212.809524 0.000000000
## 1492          0.000000         23          792.722222 0.000000000
## 1493         21.000000         25          439.523810 0.000000000
## 1494          0.000000          2            5.000000 0.000000000
## 1495          0.000000         22          525.266667 0.000000000
## 1496          0.000000         40         1337.842794 0.008695652
## 1497         62.000000         43         1770.625000 0.004255319
## 1498          0.000000         27         1084.500000 0.000000000
## 1499          0.000000          1            0.000000 0.200000000
## 1500          0.000000         93         4261.842857 0.002930403
## 1501          0.000000         29          527.208333 0.000000000
## 1502          0.000000          4            0.000000 0.200000000
## 1503          0.000000          7          110.000000 0.057142857
## 1504          0.000000         15         1733.666667 0.000000000
## 1505          0.000000         12          306.000000 0.000000000
## 1506          0.000000          2           62.000000 0.000000000
## 1507          0.000000          2            5.000000 0.000000000
## 1508          0.000000         14          198.522150 0.001230769
## 1509          0.000000         17          504.000000 0.000000000
## 1510        625.500000         34         1588.666667 0.000000000
## 1511          0.000000          7          381.500000 0.000000000
## 1512          0.000000         42         1173.070000 0.000000000
## 1513          0.000000         33          878.623809 0.000000000
## 1514          0.000000         35         1928.000000 0.008333333
## 1515          0.000000          5           83.000000 0.040000000
## 1517        278.166667         76         2735.728571 0.002439024
## 1518        239.000000         14          337.500000 0.000000000
## 1519          0.000000          1            0.000000 0.200000000
## 1520        319.300000         72         4163.797619 0.000297619
## 1521         65.000000         15         1728.321429 0.014285714
## 1522          0.000000          6          255.000000 0.000000000
## 1523          0.000000         13          449.600000 0.000000000
## 1524          0.000000         11          243.666667 0.000000000
## 1525          0.000000         33         2760.716667 0.038596491
## 1526          0.000000         42         1503.250000 0.001550388
## 1527          0.000000         10          591.166667 0.020000000
## 1528          0.000000         12          402.500000 0.000000000
## 1529         17.000000         33         1540.583333 0.000000000
## 1530          0.000000         28         1561.083333 0.010000000
## 1531          0.000000         15         1330.300000 0.000000000
## 1532          0.000000          2           42.000000 0.000000000
## 1533          0.000000          5          360.750000 0.000000000
## 1534          0.000000         15          245.500000 0.014285714
## 1535          0.000000          4            7.000000 0.000000000
```

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## 1536          0.000000          15          608.416667 0.000000000
## 1537          0.000000          18          708.250000 0.000000000
## 1538          0.000000           7          157.500000 0.000000000
## 1539          0.000000          33         1123.242857 0.006060606
## 1540          0.000000          19          926.633333 0.011111111
## 1541          0.000000          39         2808.666667 0.000000000
## 1542          0.000000          26         1685.266667 0.007692308
## 1543          0.000000          69         2124.726768 0.002898551
## 1544          0.000000          38         1272.916667 0.004878049
## 1545          0.000000          30          474.500000 0.000000000
## 1546          0.000000           7          180.333333 0.000000000
## 1547          0.000000          43         1607.297619 0.002272727
## 1548          0.000000           8           60.000000 0.000000000
## 1549         52.333333           6          126.666667 0.000000000
## 1550          0.000000           7          865.277778 0.000000000
## 1551          0.000000          49         2612.357143 0.000000000
## 1552          0.000000          22          850.208333 0.000000000
## 1553          0.000000          13          556.666667 0.000000000
## 1554          0.000000           9          186.700000 0.000000000
## 1555        853.750000         194         6737.271825 0.000123762
## 1556          0.000000          24         1762.250000 0.008333333
## 1557        222.000000         140         8961.407671 0.001379310
## 1558          0.000000          14          128.000000 0.000000000
## 1559          0.000000           8          213.500000 0.000000000
## 1560          0.000000          21          849.883333 0.012698413
## 1561          0.000000           1            0.000000 0.200000000
## 1562          0.000000          13           77.000000 0.014285714
## 1563          0.000000           2           73.000000 0.050000000
## 1564          0.000000           8          316.000000 0.000000000
## 1565        123.500000          24         4114.083333 0.000000000
## 1566         12.000000          54         1470.966667 0.009090909
## 1567          0.000000           7          451.000000 0.000000000
## 1568          0.000000           3           48.000000 0.000000000
## 1569          0.000000           3          189.000000 0.000000000
## 1570          0.000000          27          780.166667 0.000000000
## 1571          0.000000           3           73.500000 0.040000000
## 1572          0.000000          20          717.616667 0.000000000
## 1573       1146.666667          45         3641.213151 0.002636535
## 1575          0.000000          25         1040.750000 0.000000000
## 1576          0.000000          13          833.233333 0.000000000
## 1577          0.000000           1            0.000000 0.200000000
## 1578          0.000000          20          453.625000 0.000000000
## 1579          0.000000           5           51.250000 0.000000000
## 1580         11.000000          64         1229.289286 0.000000000
## 1581          0.000000          28         1202.000000 0.000000000
## 1582          0.000000           4          538.000000 0.000000000
## 1583          0.000000          36         1775.516667 0.000000000
## 1584          0.000000           7          638.000000 0.037500000
## 1585        108.000000          10          558.800000 0.000000000
## 1586          0.000000           3          190.000000 0.033333333
## 1587          0.000000          10          302.000000 0.042857143
## 1588          0.000000           5          164.000000 0.040000000
## 1589          0.000000           5          218.000000 0.000000000
## 1590          0.000000          13          495.000000 0.000000000
```

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## 1591          0.000000          2          30.000000 0.000000000
## 1592         92.000000         37         796.957143 0.000000000
## 1593          0.000000          9         314.900000 0.000000000
## 1594          0.000000         49         789.958333 0.004166667
## 1595          0.000000         19         422.833333 0.010526316
## 1596          0.000000          7         362.000000 0.000000000
## 1597          0.000000         18         628.833333 0.000000000
## 1598        239.000000         11         839.500000 0.016666667
## 1599          0.000000         31        5764.366667 0.032258065
## 1600          0.000000          3         161.000000 0.000000000
## 1601          0.000000         20         739.833333 0.019047619
## 1602          0.000000          5          66.000000 0.000000000
## 1603          0.000000         54        2377.000000 0.000000000
## 1604          0.000000          2          22.000000 0.000000000
## 1605          0.000000          9         381.000000 0.000000000
## 1606        261.633333         26        2559.898333 0.015789474
## 1607          0.000000         23         553.150000 0.034782609
## 1608          0.000000         37         651.000000 0.005405405
## 1610         65.000000         15        1957.616667 0.000000000
## 1611          0.000000          2           0.000000 0.200000000
## 1612          0.000000         59        1660.222222 0.000000000
## 1613          0.000000          8         170.000000 0.075000000
## 1614          0.000000          4          47.000000 0.100000000
## 1615          0.000000          7         165.000000 0.042857143
## 1616          0.000000          0           0.000000 0.000000000
## 1617          0.000000         14         406.866667 0.000000000
## 1618          0.000000         23         570.516667 0.007407407
## 1619          0.000000         37        1138.500000 0.000000000
## 1620          0.000000         63        2777.616667 0.000000000
## 1621          0.000000         26         463.758333 0.000000000
## 1622          0.000000          1           0.000000 0.200000000
## 1623          0.000000         28         775.500000 0.006451613
## 1624          0.000000         18         490.066667 0.000000000
## 1625          0.000000         14         266.016667 0.000000000
## 1626          0.000000          5        1306.000000 0.060000000
## 1627          9.000000          9         634.200000 0.005555556
## 1628          0.000000          1           0.000000 0.000000000
## 1629          0.000000         22        1220.433333 0.007692308
## 1630        132.000000         39        1750.333333 0.000000000
## 1631          0.000000         43        1087.250000 0.000000000
## 1632          0.000000         22         762.547619 0.000000000
## 1633          0.000000          9         244.500000 0.000000000
## 1634          0.000000         10        1010.000000 0.022222222
## 1635          0.000000          2          32.000000 0.000000000
## 1636          0.000000         27        1342.666667 0.003333333
## 1637        201.000000         33        1593.388889 0.011428571
## 1638          0.000000          9         639.000000 0.000000000
## 1639          0.000000          4         521.000000 0.100000000
## 1640         40.000000         17         546.000000 0.000000000
## 1641          0.000000          8         377.500000 0.012500000
## 1642          0.000000         14         183.666667 0.000000000
## 1643          0.000000          5          84.000000 0.040000000
## 1644          0.000000         18         494.666667 0.000000000
## 1645          0.000000         62        1003.965152 0.009850746
```

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## 1646          0.000000          32          536.683333 0.000000000
## 1647        292.684211          66         3025.521713 0.015995116
## 1648          0.000000          24          424.000000 0.000000000
## 1649          0.000000           5          171.500000 0.000000000
## 1650         78.000000          67         1231.136508 0.002985075
## 1651          0.000000          10          266.500000 0.028571429
## 1652          0.000000          16         1533.000000 0.000000000
## 1653        562.000000          36         1300.190476 0.010810811
## 1654          0.000000           2           74.000000 0.100000000
## 1655        907.833333          28          804.283333 0.014141414
## 1656          0.000000          19          734.583333 0.016666667
## 1657          0.000000          44         3113.516667 0.001481481
## 1658          0.000000           3           64.000000 0.000000000
## 1659          0.000000           7          114.833333 0.014285714
## 1660          0.000000           6           95.500000 0.000000000
## 1661          0.000000           7           93.666667 0.028571429
## 1662          0.000000           3           59.000000 0.000000000
## 1663          0.000000           3           26.000000 0.000000000
## 1664          0.000000          62         1136.603030 0.000000000
## 1665        609.000000          47         2989.494048 0.000000000
## 1666          0.000000          30         1724.250000 0.013793103
## 1667        571.500000          14          333.600000 0.000000000
## 1668          0.000000          21          334.785714 0.000000000
## 1669          0.000000           9          355.166667 0.000000000
## 1670          0.000000          11          456.666667 0.000000000
## 1671          0.000000          15         1298.500000 0.026666667
## 1672          0.000000          28         2258.833333 0.007142857
## 1673          0.000000          65         2881.133333 0.000000000
## 1674          0.000000          10          206.500000 0.000000000
## 1675          0.000000           8          143.000000 0.000000000
## 1676          0.000000          11          267.833333 0.018181818
## 1677         57.000000           5          454.000000 0.000000000
## 1678          0.000000          13          717.600000 0.000000000
## 1679          0.000000          20         1069.168290 0.000000000
## 1680          0.000000          27          807.833333 0.022222222
## 1681          0.000000          15          477.000000 0.000000000
## 1682          0.000000          11          134.900000 0.013333333
## 1683          0.000000          16          314.000000 0.000000000
## 1684          0.000000           5           59.000000 0.080000000
## 1685          1.000000          23          637.000000 0.000000000
## 1686        270.333333          11          160.500000 0.000000000
## 1687          0.000000           8         1577.000000 0.000000000
## 1688          0.000000          11          660.166667 0.000000000
## 1689          0.000000           7          169.000000 0.000000000
## 1690          0.000000           6           89.333333 0.000000000
## 1691          0.000000          37         2517.048459 0.005128205
## 1692          0.000000           1           44.000000 0.000000000
## 1693          0.000000           5           29.000000 0.000000000
## 1694          0.000000           2           86.000000 0.000000000
## 1695          0.000000          18          229.750000 0.021052632
## 1696          0.000000           4           17.000000 0.000000000
## 1697          0.000000          17          498.333333 0.000000000
## 1699          3.000000          33         1039.766667 0.000000000
## 1700          0.000000          11          369.166667 0.000000000
```

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## 1701          0.000000          23        1669.000000 0.000000000
## 1702          0.000000           3          44.500000 0.000000000
## 1703          0.000000           6         140.000000 0.000000000
## 1704          0.000000           5          97.000000 0.000000000
## 1705          0.000000          13         250.166667 0.000000000
## 1706          0.000000          17         221.200000 0.000000000
## 1707          0.000000          12         127.000000 0.016666667
## 1708          0.000000          17         229.333333 0.011111111
## 1709          0.000000           7         370.833333 0.028571429
## 1710          0.000000          27        1583.596154 0.000000000
## 1711          0.000000          27         399.693939 0.000000000
## 1712         55.000000          12         457.000000 0.014285714
## 1713          0.000000           3          24.000000 0.066666667
## 1714          0.000000           5         180.333333 0.020000000
## 1715          0.000000          15         581.416667 0.000000000
## 1716          0.000000          13         574.666667 0.000000000
## 1717          0.000000           5          56.000000 0.000000000
## 1718          0.000000          16        1011.000000 0.000000000
## 1719          0.000000          15         139.833333 0.026666667
## 1720          0.000000          16         608.833333 0.011764706
## 1721          0.000000           6        1251.000000 0.033333333
## 1722          0.000000          14         264.500000 0.000000000
## 1723        284.000000          54        1509.800000 0.000000000
## 1724          0.000000          22         356.800000 0.000000000
## 1725          0.000000          19         598.783333 0.000000000
## 1726          0.000000           4         298.000000 0.100000000
## 1727          0.000000          31        1141.833333 0.000000000
## 1728          0.000000           6          93.000000 0.000000000
## 1729          0.000000          40        1209.802992 0.004878049
## 1730          0.000000           1           0.000000 0.200000000
## 1731          0.000000           2          67.000000 0.000000000
## 1732         29.500000          30        1107.047619 0.000000000
## 1733        775.500000          19        4996.666667 0.008000000
## 1734          0.000000          15         936.166667 0.018750000
## 1735          0.000000          16         666.100000 0.000000000
## 1736          0.000000           6         170.833333 0.000000000
## 1737          0.000000          37        1118.647186 0.000000000
## 1738          0.000000           2          86.000000 0.000000000
## 1739          0.000000          28        1206.614719 0.000000000
## 1740          0.000000          24        2174.375000 0.008928571
## 1741          0.000000           2          30.500000 0.000000000
## 1742          0.000000           6         330.000000 0.066666667
## 1743          0.000000          13         437.250000 0.069230769
## 1744         11.000000         110        3211.827706 0.003571429
## 1745          0.000000          59        3036.400000 0.000000000
## 1746          0.000000           9         640.666667 0.000000000
## 1747          0.000000          30         480.250000 0.007777778
## 1748          0.000000          32        1350.391667 0.000000000
## 1749          0.000000           7          38.000000 0.000000000
## 1750          0.000000          12         976.200000 0.016666667
## 1751          0.000000           8          70.200000 0.025000000
## 1752          0.000000          60        2126.461941 0.008087680
## 1753          0.000000          44        1112.000000 0.000000000
## 1754          0.000000          19         409.750000 0.000000000
```

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## 1755          0.000000          2          171.000000 0.000000000
## 1756          0.000000         12          401.285714 0.000000000
## 1757          0.000000         10          423.833333 0.000000000
## 1758          0.000000          2          115.000000 0.000000000
## 1759          0.000000         10          427.166667 0.000000000
## 1760          0.000000         39          609.500000 0.000000000
## 1761          0.000000         12          547.333333 0.000000000
## 1762        265.000000         60         2062.890972 0.014009662
## 1763          0.000000         49         1077.007576 0.000000000
## 1764          0.000000          2           19.000000 0.000000000
## 1765          0.000000         20         1606.333333 0.010000000
## 1766          0.000000         21          775.333333 0.000000000
## 1767          0.000000         13          973.500000 0.000000000
## 1768          0.000000          4           32.000000 0.000000000
## 1769          0.000000         24          727.500000 0.000000000
## 1770          0.000000         14          710.250000 0.000000000
## 1771          0.000000         48         3644.752381 0.000000000
## 1772         44.000000         41         1089.750000 0.000000000
## 1773          0.000000         14          494.000000 0.000000000
## 1774          0.000000         84         2566.220887 0.000000000
## 1775         41.500000         18         1049.516667 0.023809524
## 1777        193.000000          4          139.000000 0.000000000
## 1778          0.000000         19          685.950000 0.000000000
## 1779          0.000000          8          758.166667 0.025000000
## 1780          0.000000         46         1852.750000 0.000000000
## 1781          0.000000         36         2517.000000 0.000000000
## 1782          0.000000         19          751.333333 0.000000000
## 1783         56.000000         35         1549.857143 0.005263158
## 1784          0.000000         12          202.250000 0.025000000
## 1785          0.000000         29          669.967949 0.013793103
## 1786          0.000000          7           95.000000 0.014285714
## 1787        279.500000         62         1088.830952 0.000980392
## 1788          0.000000          9         2151.000000 0.000000000
## 1789          0.000000         12          130.500000 0.000000000
## 1790        146.000000         56         2866.902020 0.000000000
## 1791          0.000000         19          608.942857 0.009090909
## 1792          0.000000          7          360.750000 0.000000000
## 1793          0.000000          2            7.000000 0.000000000
## 1794          7.000000        132         4056.175369 0.005882353
## 1795          0.000000          4           46.000000 0.000000000
## 1796          0.000000          1            0.000000 0.200000000
## 1797        869.000000         34          771.591667 0.009090909
## 1798          0.000000          5          112.000000 0.000000000
## 1799          0.000000         29          491.100000 0.000000000
## 1800          0.000000          2           14.000000 0.000000000
## 1801         49.000000         22          602.166667 0.000000000
## 1802          0.000000          7           77.333333 0.000000000
## 1803          0.000000          2            4.000000 0.000000000
## 1804         90.000000          9          103.666667 0.018181818
## 1806          0.000000          4          125.000000 0.000000000
## 1807          0.000000         24          387.884615 0.025000000
## 1808          0.000000          3           23.000000 0.000000000
## 1809          0.000000          3          249.000000 0.000000000
## 1810         18.000000         19          345.383333 0.000000000
```

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## 1811          111.000000          13          1001.000000 0.000000000
## 1812            0.000000           8            70.666667 0.025000000
## 1813            0.000000          20          1298.000000 0.000000000
## 1814            0.000000           4            75.500000 0.000000000
## 1815            0.000000           2            57.000000 0.000000000
## 1816          451.500000          27          1686.966667 0.006451613
## 1817            0.000000          10           370.500000 0.000000000
## 1818            0.000000           4           738.000000 0.100000000
## 1819            0.000000          13            89.000000 0.046153846
## 1820            0.000000           5           164.333333 0.060000000
## 1821            0.000000          24          2244.666667 0.008000000
## 1822            0.000000           2             5.000000 0.000000000
## 1823          148.500000          50          3246.977381 0.000000000
## 1824          100.250000          62          1573.233333 0.000000000
## 1825            0.000000          26           779.505159 0.011111111
## 1826            0.000000         115          2625.009524 0.000000000
## 1827           88.583333          43          3266.127778 0.004242424
## 1828            0.000000          10           303.250000 0.000000000
## 1829            0.000000          17           806.666667 0.000000000
## 1830            0.000000          30           465.416667 0.000000000
## 1831            0.000000           7          1018.000000 0.000000000
## 1832            0.000000           7           261.500000 0.000000000
## 1833            0.000000           4           910.000000 0.000000000
## 1834          119.000000          41          4270.141667 0.004444444
## 1835            0.000000          10           413.000000 0.000000000
## 1836            0.000000          17           372.800000 0.013333333
## 1837            0.000000          18           550.500000 0.000000000
## 1838          168.833333          31          1300.728987 0.000555556
## 1839            0.000000           4            44.000000 0.050000000
## 1841            0.000000           7            68.750000 0.000000000
## 1842            0.000000          37           684.727273 0.005405405
## 1843          175.500000          27          1253.333333 0.006666667
## 1844            0.000000           4           331.000000 0.050000000
## 1845            0.000000          30          1791.700000 0.013333333
## 1846           25.000000          46          1596.672282 0.000000000
## 1847            0.000000          54          9128.283883 0.011461988
## 1848            0.000000           7           128.000000 0.000000000
## 1849            0.000000          13           313.000000 0.000000000
## 1850            0.000000           8           204.000000 0.000000000
## 1851            0.000000           2            49.000000 0.000000000
## 1852          164.000000          73          2490.138095 0.000000000
## 1853            0.000000           5            86.000000 0.000000000
## 1854            0.000000           9           140.000000 0.022222222
## 1855            0.000000           6           162.750000 0.000000000
## 1856           32.000000         328          9694.260714 0.001780415
## 1857           55.000000          19          1762.500000 0.000000000
## 1858            0.000000          61          2183.500000 0.000000000
## 1859            0.000000          10           234.475000 0.000000000
## 1860            0.000000          10           139.708333 0.000000000
## 1861            0.000000          33          1371.633333 0.000000000
## 1862            2.000000          11           711.566667 0.000000000
## 1863            0.000000           7           232.666667 0.000000000
## 1864            0.000000           3            51.500000 0.000000000
## 1865            0.000000           2            11.000000 0.000000000
```

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## 1866          172.000000          23          176.819363 0.019444444
## 1868           35.000000          12          240.000000 0.014285714
## 1869            0.000000           9          415.833333 0.000000000
## 1870            0.000000           3           66.000000 0.000000000
## 1871            0.000000           5           95.500000 0.000000000
## 1872            0.000000          11          200.850000 0.036363636
## 1873            0.000000          15          839.500000 0.018750000
## 1874            0.000000           6           80.000000 0.000000000
## 1875           77.000000          31         2372.333333 0.000000000
## 1876           65.500000          49          574.833333 0.000000000
## 1877            5.500000          34         1045.102381 0.000000000
## 1878            0.000000           7          971.000000 0.028571429
## 1879            0.000000          40         1589.273810 0.000000000
## 1880            0.000000          10         1656.666667 0.060000000
## 1881           64.000000          56         1246.919048 0.003333333
## 1882            0.000000          16          597.600000 0.000000000
## 1883            0.000000          31         3888.166667 0.020000000
## 1884            0.000000          34         2600.258333 0.011111111
## 1885            0.000000           9          223.000000 0.000000000
## 1886            0.000000          10          709.000000 0.000000000
## 1887            0.000000           5           82.000000 0.100000000
## 1888            0.000000          23          760.250000 0.000000000
## 1889            0.000000           9         1362.000000 0.000000000
## 1890            0.000000           1            0.000000 0.200000000
## 1891           62.000000          19          924.333333 0.000000000
## 1892            0.000000          53         1440.298918 0.012727273
## 1893            0.000000          53          856.752240 0.000000000
## 1894            0.000000           2            8.000000 0.000000000
## 1895            0.000000           2            6.000000 0.000000000
## 1896           89.333333          18          513.466667 0.000000000
## 1897            0.000000           2            0.000000 0.200000000
## 1898            0.000000          15          748.566667 0.016000000
## 1899            9.000000           3          149.000000 0.000000000
## 1900            0.000000           2          288.000000 0.000000000
## 1901            0.000000          25          383.083333 0.018181818
## 1902           72.833333          39          976.710317 0.004166667
## 1903            0.000000          32         1916.633333 0.015625000
## 1904           26.000000          48         1266.119048 0.000000000
## 1905          250.666667          44         1679.833333 0.000000000
## 1906            0.000000          16          315.166667 0.000000000
## 1907            0.000000           8          290.000000 0.000000000
## 1908            0.000000           6          463.500000 0.000000000
## 1909            0.000000           4         1833.000000 0.000000000
## 1910            0.000000           9          196.000000 0.000000000
## 1911            0.000000           2            0.000000 0.200000000
## 1912            0.000000          53         1200.892857 0.001818182
## 1913            0.000000           7          139.333333 0.000000000
## 1914          403.000000          15          665.566667 0.007142857
## 1915          166.000000          12          151.900000 0.031111111
## 1916            0.000000           5         1620.000000 0.140000000
## 1917            0.000000          24         1268.000000 0.012500000
## 1918          117.285714          15          969.102381 0.005882353
## 1919            0.000000          25          773.466667 0.000000000
## 1920            0.000000          33          808.166667 0.000000000
```

```
## 1921          0.000000          14          469.876191 0.000000000
## 1922          0.000000          30          823.500000 0.000000000
## 1923          0.000000           8          201.000000 0.000000000
## 1924          0.000000          54         1063.950000 0.000000000
## 1925          0.000000          13          412.000000 0.000000000
## 1927          0.000000          14         1789.398810 0.000000000
## 1928          0.000000          18          644.125000 0.006250000
## 1929          0.000000          18          529.702381 0.000000000
## 1930          0.000000          10          254.000000 0.020000000
## 1931          0.000000           7          221.714286 0.028571429
## 1932          0.000000           1            0.000000 0.200000000
## 1933          0.000000          30          312.333333 0.000000000
## 1935          0.000000          22          325.750000 0.000000000
## 1936        419.000000          63         2717.327381 0.002857143
## 1937          0.000000          79         3380.691558 0.002666667
## 1938          0.000000          19          614.944444 0.000000000
## 1939          0.000000           1           19.000000 0.000000000
## 1940          0.000000          33         1274.190476 0.005714286
## 1941          0.000000          12         1071.611111 0.030769231
## 1942          0.000000          10          408.000000 0.000000000
## 1943          0.000000          52         2335.064286 0.007142857
## 1944          0.000000           2           18.000000 0.100000000
## 1945          0.000000          53         1299.383333 0.000000000
## 1946          0.000000           6           83.000000 0.016666667
## 1947          0.000000           8          489.000000 0.000000000
## 1948          0.000000          16          226.500000 0.000000000
## 1949          0.000000           8          233.666667 0.025000000
## 1951          0.000000           1            0.000000 0.200000000
## 1952          0.000000           5           71.000000 0.000000000
## 1953          0.000000          16         1266.500000 0.000000000
## 1954          0.000000           8          182.583333 0.000000000
## 1955          0.000000          12          169.300000 0.000000000
## 1956          0.000000          37         1358.750000 0.001754386
## 1957          0.000000           5          131.000000 0.033333333
## 1958        205.000000          71         2816.438810 0.000000000
## 1959          0.000000          25         3484.233333 0.000000000
## 1960        156.000000           6          131.000000 0.000000000
## 1961          0.000000          12         1076.500000 0.000000000
## 1962          0.000000           8          357.250000 0.000000000
## 1963          0.000000           6          197.000000 0.000000000
## 1964          0.000000          31          489.145238 0.011111111
## 1965          0.000000          11          610.000000 0.000000000
## 1966          0.000000          17          445.000000 0.047058824
## 1967          0.000000          17          588.666667 0.011764706
## 1968          0.000000          24          580.200000 0.000000000
## 1969          0.000000          32          999.000000 0.000000000
## 1970          0.000000          16          622.000000 0.000000000
## 1971          0.000000           6          112.000000 0.000000000
## 1972         13.500000          24         1005.849206 0.000000000
## 1973          0.000000           3           29.000000 0.033333333
## 1974          0.000000          60         3451.751515 0.006666667
## 1975          0.000000           5           96.500000 0.000000000
## 1976         57.000000          19         2217.333333 0.008333333
## 1977          0.000000           4           50.000000 0.000000000
```

```
## 1978          0.000000          16          485.666667 0.000000000
## 1979          0.000000           9          388.000000 0.066666667
## 1980          0.000000          21          484.950000 0.008695652
## 1981          0.000000           3           55.000000 0.000000000
## 1982          0.000000           7          111.666667 0.000000000
## 1983          0.000000          14          269.500000 0.000000000
## 1984          0.000000          10          284.000000 0.000000000
## 1985          0.000000          34         1219.113725 0.007017544
## 1986          0.000000          21          574.722619 0.000000000
## 1987          0.000000          46         4053.092208 0.014184397
## 1988          0.000000          18         1485.416667 0.000000000
## 1989          0.000000           7          634.166667 0.015384615
## 1990          0.000000          41         1182.106162 0.000000000
## 1991         48.000000          16          333.750000 0.000000000
## 1992          0.000000           2            4.000000 0.000000000
## 1993          0.000000          28          550.066667 0.000000000
## 1994          0.000000           1            0.000000 0.200000000
## 1995          0.000000          29          218.000000 0.000000000
## 1996          0.000000          93         2243.666667 0.010989011
## 1997          0.000000          38         2193.150794 0.012280702
## 1998          0.000000          15          289.850000 0.000000000
## 1999          0.000000          13          909.500000 0.000000000
## 2000          0.000000          22         1436.450000 0.000000000
## 2001        241.500000          45         1998.444081 0.009090909
## 2002         58.000000          12          777.500000 0.000000000
## 2003          0.000000           4          126.500000 0.016666667
## 2004          0.000000           8          100.000000 0.000000000
## 2005          0.000000          27          598.450000 0.000000000
## 2006          0.000000           7           87.714286 0.042857143
## 2007        199.000000          40         1834.166667 0.000000000
## 2008          0.000000           2           15.000000 0.000000000
## 2009        172.000000          28         1365.216667 0.000000000
## 2010          0.000000           6           36.000000 0.066666667
## 2011        419.000000          22         1005.806061 0.000000000
## 2012        101.000000          76         5186.116667 0.004878049
## 2013         29.666667          52         2211.608333 0.008888889
## 2014          0.000000           8          167.000000 0.000000000
## 2015          0.000000          47         2102.581502 0.004166667
## 2016        353.333333          45         2003.415152 0.007142857
## 2017         54.000000          41         1490.552778 0.000000000
## 2018          0.000000          35         1988.658333 0.008943089
## 2019          0.000000           8          148.750000 0.000000000
## 2020          0.000000           2          134.000000 0.000000000
## 2021          0.000000          16          191.071429 0.000000000
## 2022          0.000000          16          222.000000 0.025000000
## 2023          0.000000           5          116.500000 0.000000000
## 2024          0.000000           3          190.000000 0.000000000
## 2025          0.000000          68          809.245635 0.002985075
## 2026          0.000000           8          262.166667 0.000000000
## 2027          0.000000           4           22.000000 0.050000000
## 2028          0.000000          11          234.992424 0.000000000
## 2029          0.000000           8          258.000000 0.025000000
## 2030          0.000000           2            0.000000 0.200000000
## 2031        263.000000           6          133.333333 0.000000000
```

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## 2032          0.000000          12          255.300000 0.002000000
## 2033          0.000000          96         1524.748377 0.000000000
## 2034          0.000000          17         1306.666667 0.010526316
## 2035          0.000000          12          224.166667 0.000000000
## 2036          0.000000          24          473.683333 0.008333333
## 2037          0.000000          21          686.400000 0.003846154
## 2041         70.500000          75         3537.991667 0.011714286
## 2042        135.500000          52         1896.272222 0.005310734
## 2043          0.000000          29          598.297619 0.000000000
## 2044          0.000000          10          127.500000 0.000000000
## 2045          0.000000           7          154.000000 0.000000000
## 2046        604.800000         160         5349.563713 0.001142857
## 2047         -1.000000           1           -1.000000 0.000000000
## 2048          0.000000           3           77.000000 0.000000000
## 2049          0.000000           7           98.500000 0.071428571
## 2050          0.000000          12          810.000000 0.000000000
## 2051          0.000000           3          903.000000 0.000000000
## 2052          0.000000          86         2973.008333 0.002222222
## 2053         -1.000000           1           -1.000000 0.200000000
## 2054          0.000000           7         1093.000000 0.037500000
## 2055          0.000000           3          137.000000 0.000000000
## 2056          0.000000           8          136.750000 0.005000000
## 2059          0.000000           6          384.000000 0.000000000
## 2060          0.000000           9          125.000000 0.000000000
## 2061          0.000000           2           44.000000 0.000000000
## 2062         -1.000000           1           -1.000000 0.200000000
## 2063          0.000000          31         1975.458333 0.000000000
## 2064          0.000000          42          758.750000 0.004444444
## 2065         46.666667          20         1267.155556 0.001481481
## 2066          0.000000          18          381.333333 0.000000000
## 2067         91.000000          31         1271.821212 0.000000000
## 2068          0.000000          32          827.646212 0.000000000
## 2069          0.000000           5           36.000000 0.150000000
## 2070          0.000000          19         1011.500000 0.000000000
## 2071        415.000000          20         1267.233333 0.000000000
## 2072         97.000000          66         4891.972222 0.000000000
## 2073          0.000000          27          694.303571 0.000000000
## 2074        118.000000         150         4764.429997 0.000000000
## 2075          0.000000          31         1350.500000 0.006451613
## 2076         56.000000          17         1385.833333 0.005882353
## 2077          0.000000          15          500.000000 0.026666667
## 2078          0.000000          22          285.988095 0.000000000
## 2079          0.000000           6           45.500000 0.057142857
## 2080          0.000000          13         1507.333333 0.016666667
## 2081         24.000000          27         1460.566667 0.000000000
## 2082          0.000000           4          214.000000 0.000000000
## 2083          0.000000           6          136.500000 0.000000000
## 2084          0.000000           6          254.000000 0.025000000
## 2085          0.000000          13          545.571429 0.013333333
## 2086        865.000000          27         1244.833333 0.000000000
## 2087          0.000000          21          555.894444 0.000000000
## 2088          0.000000          19          429.633333 0.000000000
## 2089          0.000000          10          111.000000 0.000000000
## 2090          0.000000           1            0.000000 0.200000000
```

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## 2091          0.000000          16          402.690476 0.000000000
## 2092          0.000000          15          292.694444 0.000000000
## 2093          0.000000          24          654.066667 0.000000000
## 2094         39.000000          95         4990.959524 0.004123711
## 2095          0.000000           4          158.000000 0.050000000
## 2096          0.000000          77         3332.208333 0.002040816
## 2097          0.000000         130         4164.936905 0.006153846
## 2098          0.000000           1            0.000000 0.200000000
## 2099          0.000000          25         1194.500000 0.000000000
## 2100          0.000000          21          638.333333 0.000000000
## 2101          0.000000          13          152.250000 0.030769231
## 2102          0.000000          17          631.500000 0.011764706
## 2103          0.000000           9           58.000000 0.155555556
## 2104        144.500000          83         6860.632738 0.011512297
## 2105          0.000000           2            0.000000 0.200000000
## 2106          0.000000          28          271.125000 0.000000000
## 2107          0.000000           1            0.000000 0.200000000
## 2108          0.000000         151         2564.278157 0.009172260
## 2109          0.000000          12          896.500000 0.008333333
## 2110          0.000000          57         4895.022989 0.003333333
## 2111          9.000000          58         2293.599020 0.008357771
## 2112          0.000000          77         1449.683333 0.000000000
## 2113         89.500000           8          249.000000 0.066666667
## 2114          0.000000           5           37.500000 0.000000000
## 2115          0.000000          10          121.000000 0.016666667
## 2116         30.000000          51         1403.841919 0.003636364
## 2117          0.000000           8          227.000000 0.025000000
## 2118          0.000000           8          228.000000 0.025000000
## 2119          0.000000          16          461.083333 0.000000000
## 2120          0.000000           2           12.000000 0.000000000
## 2121          0.000000          34          762.500000 0.000000000
## 2122          0.000000           5           74.500000 0.000000000
## 2123          0.000000          21          898.000000 0.015384615
## 2124          0.000000           5           91.000000 0.000000000
## 2125          0.000000          19          583.166667 0.010526316
## 2126          0.000000          13          392.928571 0.012500000
## 2127          0.000000          13          177.500000 0.000000000
## 2128          0.000000          13          436.000000 0.030769231
## 2129          0.000000          79         2819.966667 0.006097561
## 2130          0.000000           2            4.000000 0.000000000
## 2131          0.000000           1            0.000000 0.200000000
## 2132          0.000000          23         1888.500000 0.000000000
## 2133        300.900000          33         1801.371429 0.005500000
## 2134          0.000000         117        13158.666670 0.006896552
## 2135          0.000000           6          140.000000 0.000000000
## 2136          0.000000           5          252.500000 0.000000000
## 2137          0.000000          12          666.000000 0.000000000
## 2138          0.000000          36          851.333333 0.010810811
## 2139          0.000000          18          224.000000 0.011764706
## 2140          0.000000          13          253.333333 0.030769231
## 2141          0.000000          28          717.219048 0.005882353
## 2142          0.000000          22          370.333333 0.018181818
## 2143          0.000000           1            0.000000 0.200000000
## 2144          0.000000          29         5198.533333 0.000000000
```

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## 2145          0.000000          19          1148.838095 0.012121212
## 2146          0.000000          13           152.666667 0.033333333
## 2147          0.000000           6           474.000000 0.000000000
## 2148          0.000000          15           907.500000 0.006666667
## 2149          0.000000          12           505.333333 0.083333333
## 2150          0.000000          20           497.000000 0.015000000
## 2151          0.000000          46          1103.916667 0.000000000
## 2152          0.000000           4             0.000000 0.200000000
## 2153         18.000000          25           430.500000 0.000000000
## 2154          0.000000          31           866.700000 0.011827957
## 2155          0.000000          21          1492.166667 0.023809524
## 2156          0.000000           7            17.000000 0.085714286
## 2157          0.000000           7           137.500000 0.000000000
## 2158          0.000000          20           950.328571 0.072108844
## 2159          0.000000           2             7.000000 0.000000000
## 2160          0.000000          18           286.000000 0.011111111
## 2161          0.000000          25          1711.333333 0.000000000
## 2162          0.000000          45          2487.333333 0.018604651
## 2163          0.000000           5           829.500000 0.000000000
## 2164          0.000000           7            88.000000 0.062500000
## 2165          0.000000          26          1163.333333 0.000000000
## 2166          0.000000          20          1171.333333 0.003174603
## 2167          0.000000           8           149.000000 0.133333333
## 2168          0.000000          12           131.500000 0.000000000
## 2169          0.000000           4            81.500000 0.000000000
## 2170          0.000000           9           394.500000 0.000000000
## 2171          0.000000          17           336.000000 0.000000000
## 2172          0.000000          21           452.797619 0.000000000
## 2173          0.000000           1             0.000000 0.200000000
## 2174          0.000000          36          2281.208333 0.022916667
## 2175          0.000000          36          1262.833333 0.000000000
## 2176          0.000000           1             0.000000 0.200000000
## 2177          0.000000           1           643.000000 0.133333333
## 2178          0.000000           6           189.000000 0.066666667
## 2179        262.000000          49          2338.567766 0.023529412
## 2180          0.000000           6           181.000000 0.000000000
## 2181          0.000000          24           597.833333 0.008333333
## 2182          0.000000          28           549.083333 0.000000000
## 2183          0.000000           1             0.000000 0.200000000
## 2184          0.000000          10           170.000000 0.040000000
## 2185          0.000000           4            46.000000 0.026666667
## 2186        108.000000          51          1742.325216 0.003636364
## 2187          0.000000          40           787.200000 0.000000000
## 2188          0.000000          33          1239.500000 0.070588235
## 2189          0.000000          23           867.333333 0.000000000
## 2190          0.000000           1             0.000000 0.200000000
## 2191          0.000000         124          4093.430519 0.005816216
## 2192          0.000000          19           216.166667 0.038095238
## 2193        162.000000          23           659.083333 0.013580247
## 2194         51.000000          43          2265.529221 0.004000000
## 2195          0.000000           8           729.000000 0.041666667
## 2196          0.000000          23          1299.500000 0.034782609
## 2197          0.000000           6           103.000000 0.000000000
## 2198          0.000000          16           129.333333 0.000000000
```

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## 2199          0.000000          2          162.000000 0.000000000
## 2200          0.000000          5          122.000000 0.028571429
## 2201          0.000000         71         1294.251207 0.002631579
## 2202         80.000000         10          246.791667 0.000000000
## 2203        115.000000         45         2889.250000 0.000000000
## 2204        470.000000         84         3882.025758 0.004909561
## 2205          0.000000         25         4207.666667 0.008333333
## 2206          0.000000         18          199.500000 0.016666667
## 2207          0.000000         28         2529.750000 0.066666667
## 2208          0.000000          9         2081.000000 0.044444444
## 2209          0.000000         21         1845.666667 0.018787879
## 2210          8.000000         51         1927.031548 0.003954802
## 2211          0.000000          1            0.000000 0.200000000
## 2212          0.000000         11          831.933333 0.000000000
## 2213          0.000000         82          706.299603 0.000000000
## 2214         75.000000         32         1888.547619 0.010810811
## 2215         58.952381         54         2407.322811 0.003448276
## 2216          0.000000         42         1528.382468 0.000000000
## 2217        394.000000         25          599.100000 0.013333333
## 2218          0.000000         34         4656.800366 0.006306306
## 2219          0.000000          5          151.200000 0.000000000
## 2220         12.000000         75         5378.045851 0.020132610
## 2221          0.000000          7          212.000000 0.028571429
## 2222          0.000000          0            0.000000 0.100000000
## 2223          0.000000         16          748.400000 0.014285714
## 2224          0.000000         38          314.833333 0.010526316
## 2225          0.000000         19          867.833333 0.015000000
## 2226         56.000000          9          379.000000 0.000000000
## 2227          0.000000          3           66.500000 0.050000000
## 2228        213.000000         26          994.822222 0.000000000
## 2229          0.000000         50          824.666667 0.000000000
## 2230          0.000000          1            0.000000 0.200000000
## 2231        191.000000         15          443.933333 0.000000000
## 2232          0.000000         32          906.300000 0.005128205
## 2233          0.000000          3           57.000000 0.000000000
## 2234          0.000000          6          117.000000 0.083333333
## 2235        163.000000         50         2424.750000 0.000000000
## 2237          0.000000          1            0.000000 0.200000000
## 2238          0.000000          3          311.000000 0.100000000
## 2239        188.000000        160         2418.529040 0.004878049
## 2240          0.000000         39          905.600000 0.012820513
## 2241          0.000000          8          100.000000 0.075000000
## 2242          0.000000         30          986.500000 0.006666667
## 2243          0.000000         32         3121.555556 0.009259259
## 2244          0.000000         34         1378.966667 0.007894737
## 2245          0.000000         49         3003.419048 0.010526316
## 2246         25.000000         43         2053.933333 0.012878788
## 2247          0.000000          4          212.500000 0.000000000
## 2248          0.000000         29          785.474359 0.000000000
## 2249          0.000000         23          316.333333 0.008333333
## 2250        360.000000         28          769.500000 0.024242424
## 2251          0.000000         15          298.166667 0.013333333
## 2252         48.000000         32         1808.333333 0.050000000
## 2253          0.000000         30         1184.500000 0.006666667
```

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## 2254          0.000000          3          184.500000 0.040000000
## 2255        243.000000        127         2573.875000 0.000256410
## 2256         17.000000         64         2121.304304 0.003188406
## 2257          0.000000        125         4639.410534 0.012433862
## 2258         66.000000         16          315.366667 0.000000000
## 2259         49.500000         11         1464.000000 0.000000000
## 2260        236.000000         66         1483.550000 0.000000000
## 2261         97.000000         53         2247.608298 0.004848485
## 2262          0.000000         19          950.000000 0.000000000
## 2263        227.250000        104         6254.420122 0.028065242
## 2264          0.000000          1            0.000000 0.200000000
## 2265          0.000000          3           29.000000 0.000000000
## 2266          0.000000          7          228.000000 0.000000000
## 2267          0.000000          2          205.000000 0.000000000
## 2268          0.000000         35         1570.500000 0.000000000
## 2269          0.000000         14          101.000000 0.131250000
## 2270          0.000000         11          295.900000 0.000000000
## 2271          0.000000          7          196.500000 0.000000000
## 2272          0.000000         15          524.500000 0.000000000
## 2273          0.000000          2            0.000000 0.200000000
## 2274        451.500000         28          674.434524 0.005882353
## 2275          0.000000         32          931.500000 0.008823529
## 2276        246.333333         16          672.879487 0.021428571
## 2277          0.000000          5            0.000000 0.200000000
## 2278          0.000000         73         3022.478571 0.002631579
## 2279          0.000000         27          877.500000 0.000000000
## 2280        416.000000         20          412.833333 0.019047619
## 2281          0.000000         22          486.500000 0.000000000
## 2282         51.000000         29         1225.500000 0.000000000
## 2283          0.000000          1            0.000000 0.200000000
## 2284          0.000000          2            0.000000 0.200000000
## 2285          0.000000         90         1221.853846 0.002061856
## 2286          0.000000         14          258.000000 0.164285714
## 2287          0.000000         30         1370.833333 0.042145594
## 2288          0.000000         15         1652.000000 0.040000000
## 2289          0.000000          6          178.333333 0.000000000
## 2290          0.000000         43         1146.500000 0.006976744
## 2291          0.000000         98         2680.828571 0.009183673
## 2292          0.000000         11          197.500000 0.000000000
## 2293         81.000000         46         2295.182143 0.004081633
## 2294          0.000000          1            0.000000 0.200000000
## 2295          0.000000         17          248.900000 0.000000000
## 2296          0.000000          2           44.000000 0.000000000
## 2297          0.000000         44         1151.116667 0.000000000
## 2298          0.000000         28          830.000000 0.013793103
## 2299          0.000000         15          125.250000 0.025000000
## 2300          0.000000          3           17.000000 0.000000000
## 2301          0.000000         42         2172.333333 0.000000000
## 2302       1636.000000         49         4945.083333 0.009259259
## 2303          0.000000         21          358.250000 0.038095238
## 2304          0.000000         13          233.166667 0.000000000
## 2305          0.000000         20          528.000000 0.000000000
## 2306          0.000000         16         1154.766667 0.005263158
## 2307         16.000000         30         1522.816667 0.026666667
```

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## 2308          0.000000          13          468.166667 0.000000000
## 2309          0.000000          15          432.500000 0.000000000
## 2310          0.000000          36         1100.916667 0.007692308
## 2311          0.000000          33          663.233333 0.026470588
## 2312          0.000000          24         2874.083333 0.025000000
## 2313        606.750000          47         1813.864610 0.007377049
## 2314        261.833333          13          214.692208 0.033333333
## 2315          0.000000           2           28.000000 0.000000000
## 2316          0.000000           5           78.500000 0.000000000
## 2317          0.000000          28          534.583333 0.000000000
## 2318          0.000000          10          262.666667 0.020000000
## 2319          0.000000          56         1056.150000 0.026502732
## 2320          0.000000          31         1273.875000 0.000000000
## 2321         66.000000          27          875.500000 0.000000000
## 2322          0.000000           1            0.000000 0.200000000
## 2323        308.000000          14          582.000000 0.000000000
## 2324          0.000000          13            0.000000 0.200000000
## 2325          0.000000           9           63.666667 0.088888889
## 2326          0.000000           1            0.000000 0.200000000
## 2327          0.000000          22         1443.250000 0.063636364
## 2328         15.000000          30          569.119048 0.000000000
## 2329          0.000000          16          386.444444 0.000000000
## 2330          0.000000          13          399.500000 0.000000000
## 2331          0.000000          10          238.500000 0.000000000
## 2332          0.000000           3           17.000000 0.066666667
## 2333          0.000000           0            0.000000 0.200000000
## 2334          0.000000           1            0.000000 0.200000000
## 2335          0.000000           2           59.000000 0.000000000
## 2336          0.000000          47         1506.220833 0.000000000
## 2337          0.000000           7           96.000000 0.000000000
## 2338          0.000000          20          588.900000 0.000000000
## 2339          0.000000          43         1719.416667 0.004347826
## 2340          0.000000           4           41.000000 0.100000000
## 2341        257.000000          31         1906.800000 0.018750000
## 2342          0.000000          10          262.500000 0.000000000
## 2343          0.000000          17          457.233333 0.000000000
## 2344          0.000000           1            0.000000 0.200000000
## 2345          0.000000           6          227.333333 0.000000000
## 2346          0.000000           2            0.000000 0.000000000
## 2347          0.000000           8           95.000000 0.009090909
## 2348          0.000000           8          517.500000 0.000000000
## 2349        298.000000          16          570.333333 0.011764706
## 2350          0.000000          15          183.095238 0.000000000
## 2351          0.000000          10          366.000000 0.020000000
## 2352          0.000000           3          133.500000 0.100000000
## 2353          0.000000           1            0.000000 0.200000000
## 2354          0.000000          25          280.933333 0.000000000
## 2355          0.000000           4           44.000000 0.000000000
## 2356          0.000000           9          265.600000 0.022222222
## 2357          0.000000           1            0.000000 0.200000000
## 2358          0.000000           3          165.000000 0.000000000
## 2359          0.000000           5          109.000000 0.080000000
## 2360          0.000000          47          901.250000 0.008333333
## 2361        161.000000          34         1406.209524 0.010810811
```

```
## 2362          33.000000          25          972.250000 0.019230769
## 2363           0.000000          34          965.833333 0.000000000
## 2364           0.000000           2            0.000000 0.200000000
## 2365           0.000000           5          214.000000 0.000000000
## 2366           0.000000           7          267.000000 0.000000000
## 2367         281.500000           5          236.166667 0.000000000
## 2368          48.000000          25          879.666667 0.000000000
## 2369           0.000000           6         1044.000000 0.000000000
## 2370         132.833333          45          901.091667 0.004000000
## 2371          32.000000          32         1671.257393 0.005555556
## 2372           0.000000          50         1483.366667 0.000000000
## 2373           0.000000          19         5538.916667 0.024000000
## 2374           0.000000          11          191.000000 0.000000000
## 2375           0.000000          20          451.933333 0.014285714
## 2376           0.000000          10          224.000000 0.000000000
## 2377           0.000000          44          670.300000 0.012765957
## 2378           0.000000           5          210.000000 0.160000000
## 2379           0.000000          19          900.916667 0.027777778
## 2380          56.500000          10          368.000000 0.000000000
## 2381           0.000000           0            0.000000 0.200000000
## 2382           0.000000           9          216.000000 0.066666667
## 2383           0.000000          23         1580.166667 0.024000000
## 2384           0.000000          40          587.691176 0.005000000
## 2385           0.000000          64         2471.391775 0.005555556
## 2386           0.000000          23          502.466667 0.000000000
## 2387           0.000000           7          317.000000 0.025000000
## 2388           0.000000          65         3864.428571 0.006153846
## 2389           0.000000          69         2456.297619 0.001408451
## 2390           0.000000          66         2656.183333 0.000925926
## 2391           0.000000          19          599.000000 0.015000000
## 2392           0.000000          13         1212.000000 0.000000000
## 2393           0.000000           3          127.000000 0.000000000
## 2394           0.000000           9            0.000000 0.200000000
## 2395           0.000000          10          173.250000 0.000000000
## 2396          16.000000          23          599.333333 0.008333333
## 2397           0.000000          48         2215.866667 0.001041667
## 2398          88.000000          77         5284.765079 0.000000000
## 2399           0.000000          17          433.133333 0.023529412
## 2400         545.000000          65         1690.790351 0.014642857
## 2401          57.000000          63         1621.152083 0.007692308
## 2402           0.000000          13          454.500000 0.000000000
## 2403           0.000000          14          197.500000 0.021428571
## 2404           0.000000          29          911.500000 0.022988506
## 2405           0.000000          10          196.500000 0.044444444
## 2406           0.000000           7          115.666667 0.000000000
## 2407          26.000000          41         1019.293939 0.049481481
## 2408           0.000000          53          715.500000 0.022641509
## 2409           0.000000         150         3147.584294 0.005547653
## 2410           0.000000          11          321.958333 0.000000000
## 2411           0.000000          22          169.500000 0.009090909
## 2412          89.000000          49         2104.311400 0.009615385
## 2413           0.000000          12          499.000000 0.000000000
## 2414           0.000000           9          120.000000 0.000000000
## 2415         144.500000         116         7009.095996 0.000000000
```

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## 2416          186.000000          105          8704.372405 0.026260504
## 2417            0.000000            1             0.000000 0.200000000
## 2418            0.000000           42          2058.250000 0.021138211
## 2419            0.000000            1             0.000000 0.200000000
## 2420            0.000000           19           580.500000 0.010526316
## 2421            0.000000            1             0.000000 0.200000000
## 2422            0.000000           52          1701.857143 0.003200000
## 2423            0.000000           15           312.700000 0.010000000
## 2424            0.000000            2             0.000000 0.200000000
## 2425            0.000000            9           495.000000 0.022222222
## 2426            0.000000            6           202.000000 0.033333333
## 2427            0.000000           39           908.333333 0.000000000
## 2428            0.000000           30           480.500000 0.033333333
## 2429          404.583333           58          3473.857143 0.005714286
## 2430            0.000000            5           277.000000 0.000000000
## 2431            0.000000            5           226.000000 0.086666667
## 2432            0.000000            5           138.000000 0.020000000
## 2433            0.000000            8            59.000000 0.000000000
## 2434            0.000000            1             0.000000 0.200000000
## 2435            0.000000           19           273.000000 0.035294118
## 2436            0.000000           10             0.000000 0.200000000
## 2437            0.000000           16           360.000000 0.000000000
## 2438            0.000000            2            40.000000 0.000000000
## 2439           28.000000            1             0.000000 0.066666667
## 2440            0.000000           27          1547.500000 0.000000000
## 2441            0.000000           25          1127.250000 0.002666667
## 2442           52.000000           29           996.083333 0.002777778
## 2443            0.000000           13           227.700000 0.027777778
## 2444            0.000000           10           579.333333 0.000000000
## 2445            0.000000           12           237.000000 0.000000000
## 2446          472.000000           14           678.500000 0.000000000
## 2447            0.000000           29          3098.033333 0.000000000
## 2448            0.000000            6            81.000000 0.080000000
## 2449            0.000000           12           285.166667 0.000000000
## 2450            0.000000            1           340.200000 0.066666667
## 2451            0.000000           10           231.000000 0.120000000
## 2452           37.000000           28          2054.114286 0.000000000
## 2453            0.000000           21          2008.833333 0.000000000
## 2454            0.000000           19          1065.900000 0.016666667
## 2455            0.000000            6           619.000000 0.000000000
## 2456            0.000000           21           584.133333 0.000000000
## 2457            0.000000            1             0.000000 0.200000000
## 2458            0.000000          149          4107.119658 0.006369427
## 2459            0.000000           12           293.500000 0.050000000
## 2460            0.000000            9           229.666667 0.033333333
## 2461            0.000000           11           155.833333 0.000000000
## 2462            0.000000           92          1688.058761 0.004347826
## 2463            0.000000           10           234.000000 0.022222222
## 2464            0.000000           13           197.200000 0.030769231
## 2465           39.666667           89          3509.130952 0.005617978
## 2466            0.000000           16           866.500000 0.000000000
## 2467          499.000000           12           755.000000 0.000000000
## 2468            0.000000            4            30.000000 0.040000000
## 2469            0.000000           48          1681.523810 0.000000000
```

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## 2470          0.000000          61        2635.616270 0.000000000
## 2471          0.000000          22         231.500000 0.036363636
## 2472        346.166667           9         194.333333 0.000000000
## 2473        108.000000          36        1564.161905 0.018333333
## 2474         58.000000          41         854.286325 0.018750000
## 2475          0.000000           4         124.500000 0.050000000
## 2476          0.000000          34        1021.750000 0.000000000
## 2477         66.000000          77        2660.150000 0.000000000
## 2478          0.000000           2          12.000000 0.050000000
## 2479        125.000000           1          34.000000 0.000000000
## 2480          0.000000           2          17.000000 0.100000000
## 2481          0.000000          36        1135.166667 0.007407407
## 2482          0.000000          13         298.233333 0.000000000
## 2483          0.000000          12         554.500000 0.000000000
## 2484          0.000000          22         335.666667 0.000000000
## 2485          4.000000          95        2107.583333 0.000000000
## 2486          0.000000           4          96.333333 0.000000000
## 2487         10.666667          75        2755.336111 0.002812500
## 2488          0.000000          69         653.277778 0.014705882
## 2489          0.000000           4          44.000000 0.000000000
## 2490         64.000000          33         964.047619 0.000000000
## 2491          0.000000          22         650.666667 0.026086957
## 2492          0.000000           5         256.666667 0.027272727
## 2493          0.000000           5          28.000000 0.120000000
## 2494          0.000000          23        1516.966667 0.000000000
## 2495          0.000000          24         648.067857 0.016666667
## 2496          0.000000          16         462.000000 0.012500000
## 2497          0.000000           6          63.000000 0.000000000
## 2498         39.000000          16         630.500000 0.000000000
## 2499          0.000000           5          42.000000 0.040000000
## 2500          0.000000          19         688.666667 0.042105263
## 2501          0.000000           8         181.000000 0.000000000
## 2502          0.000000          14         285.416667 0.000000000
## 2503          0.000000           7          61.333333 0.014285714
## 2504          0.000000          81        2961.483333 0.007058824
## 2505          0.000000          23         406.000000 0.030434783
## 2506          0.000000          60        3222.758730 0.014367816
## 2507          0.000000           7         128.000000 0.028571429
## 2508          0.000000          19         500.788095 0.000000000
## 2509          0.000000          22         375.750000 0.053968254
## 2510          0.000000          16         534.916667 0.000000000
## 2511          0.000000           8         134.000000 0.000000000
## 2512          0.000000          27        2098.238095 0.037037037
## 2513          0.000000          48         869.100000 0.008510638
## 2514          0.000000           0           0.000000 0.200000000
## 2515          0.000000          21        1494.500000 0.009090909
## 2516          0.000000          13         510.000000 0.000000000
## 2517         52.000000          12         699.250000 0.023809524
## 2518          0.000000           5         331.333333 0.053333333
## 2519          0.000000           2           0.000000 0.200000000
## 2520          0.000000           8         321.000000 0.000000000
## 2521          0.000000           1           0.000000 0.200000000
## 2522          0.000000          13          88.000000 0.115384615
## 2523        115.000000          71        1563.930952 0.006578947
```

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## 2524          0.000000          3          55.000000 0.044444444
## 2525          0.000000         31         419.250000 0.006818182
## 2526         21.000000        157        4643.755952 0.001687764
## 2527        172.000000         21         564.500000 0.000000000
## 2528          0.000000          6          65.666667 0.066666667
## 2529          0.000000          1           0.000000 0.200000000
## 2530          3.000000         42        1462.659125 0.004651163
## 2531         31.000000         23         404.619048 0.000000000
## 2532          0.000000         13         392.000000 0.000000000
## 2533          0.000000         19         960.733333 0.015789474
## 2534          0.000000          1           0.000000 0.200000000
## 2535          0.000000         38         726.276190 0.031578947
## 2536          0.000000         66        4415.333333 0.009950249
## 2537          0.000000          7          40.000000 0.142857143
## 2538         12.000000         52         723.315873 0.001212121
## 2539         80.000000         49        1088.050000 0.011320755
## 2540         62.000000         30        1688.726190 0.000000000
## 2541          0.000000          3           0.000000 0.200000000
## 2542          0.000000         50         998.954545 0.007600000
## 2543        106.000000         22        1654.722222 0.028571429
## 2544          0.000000         12         281.500000 0.016666667
## 2545          0.000000         14        1501.000000 0.093333333
## 2546          0.000000         13         153.583333 0.000000000
## 2547          0.000000          3         109.000000 0.000000000
## 2548          0.000000         19         483.583333 0.021052632
## 2549          0.000000         38         586.333333 0.010526316
## 2550          0.000000          1           0.000000 0.200000000
## 2551          0.000000         41        2213.000000 0.004545455
## 2552          0.000000          7          50.500000 0.057142857
## 2553         10.000000         15         178.000000 0.019607843
## 2554         30.000000         27        1150.192063 0.003125000
## 2555          0.000000          1           0.000000 0.200000000
## 2556          0.000000         32         892.916667 0.005714286
## 2557          0.000000         12         173.000000 0.000000000
## 2558        506.000000         14         289.666667 0.000000000
## 2559          0.000000         22         633.985714 0.004166667
## 2560          0.000000         36        1837.966667 0.032894737
## 2561        154.000000        154        8038.325302 0.007332941
## 2562        724.000000         31         706.983766 0.005714286
## 2563          0.000000          1           0.000000 0.200000000
## 2564          0.000000          4         352.000000 0.000000000
## 2565          0.000000        220       11308.097950 0.001699507
## 2566          0.000000          9         501.500000 0.060000000
## 2567         16.000000         19         497.666667 0.007692308
## 2568          0.000000         27         406.000000 0.064285714
## 2569         30.000000        129        4115.978571 0.001470588
## 2570          0.000000          4           2.333333 0.150000000
## 2571          0.000000         12         121.500000 0.025000000
## 2572          0.000000          9         869.000000 0.000000000
## 2573          0.000000          4         403.000000 0.050000000
## 2574          0.000000          1          12.000000 0.000000000
## 2575          0.000000         15         865.000000 0.026666667
## 2576          0.000000         13         220.333333 0.000000000
## 2577          0.000000          3         222.000000 0.133333333
```

```
## 2578          0.000000          16          657.166667 0.000000000
## 2579          0.000000           6          131.000000 0.000000000
## 2580         32.000000          26         1517.900000 0.000000000
## 2581          0.000000          17          538.287879 0.000000000
## 2582         52.000000          60         4139.625000 0.013636364
## 2583        140.000000          26          832.833333 0.006896552
## 2584          0.000000           9          464.000000 0.000000000
## 2585          0.000000          45          673.481380 0.016326531
## 2586          0.000000          18          217.000000 0.005555556
## 2587          0.000000          13          472.995238 0.015384615
## 2588          0.000000          36         1500.380952 0.010810811
## 2589          0.000000           6          241.000000 0.000000000
## 2590          0.000000          16          692.666667 0.000000000
## 2591        269.500000         187         9487.639162 0.000033500
## 2592          0.000000          15          455.500000 0.000000000
## 2593          0.000000           2           49.000000 0.000000000
## 2594          0.000000           4          259.000000 0.100000000
## 2595          0.000000          20         2065.150000 0.005000000
## 2596          0.000000          34         4190.750000 0.021764706
## 2597          0.000000           3           65.000000 0.100000000
## 2598          6.000000           6          129.200000 0.029629630
## 2599          0.000000          37          607.466667 0.000000000
## 2600         28.000000         113         8699.407065 0.019308469
## 2601          0.000000          24         2022.250000 0.008333333
## 2602          0.000000          21          761.250000 0.000000000
## 2603         17.333333          25          874.583333 0.000000000
## 2604          0.000000          21         1483.000000 0.007894737
## 2605          0.000000          22          639.500000 0.000000000
## 2606          0.000000          18          356.000000 0.011111111
## 2607        112.000000          42         2132.683333 0.021288515
## 2608          0.000000          22          431.083333 0.018181818
## 2609         10.000000          16          401.950000 0.004761905
## 2610          0.000000          28         2524.000000 0.008928571
## 2611          0.000000          11          151.500000 0.016666667
## 2612          0.000000           4          117.500000 0.050000000
## 2613          0.000000          31          822.650000 0.020689655
## 2614          0.000000           5          102.000000 0.000000000
## 2615          0.000000          14         1714.166667 0.000000000
## 2616          0.000000           1            0.000000 0.200000000
## 2617          0.000000          26          783.500000 0.007692308
## 2618          0.000000          52         3258.071212 0.000000000
## 2619        146.000000          20         1329.261905 0.010434783
## 2620          0.000000           1            0.000000 0.200000000
## 2621          0.000000           8           87.000000 0.000000000
## 2623          0.000000          43          813.800000 0.023255814
## 2624        382.333333          30         1039.477564 0.004285714
## 2625          0.000000           9          531.000000 0.000000000
## 2626          0.000000          31         1239.083333 0.006666667
## 2627        189.000000          37         1306.028022 0.004263566
## 2628          0.000000          24          543.750000 0.016000000
## 2629          0.000000           9          315.600000 0.022222222
## 2630          0.000000           8          258.833333 0.037500000
## 2631          0.000000          27          420.000000 0.000000000
## 2632          0.000000          22          623.416667 0.018518519
```

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## 2633          124.000000          12          1040.333333 0.000000000
## 2634           27.500000         154          3395.729484 0.007660455
## 2635            0.000000           4           126.000000 0.000000000
## 2636            0.000000           2            21.000000 0.000000000
## 2637          140.000000          35           701.500000 0.029411765
## 2638            0.000000          52          2059.109203 0.003747073
## 2639            0.000000           3            11.000000 0.033333333
## 2640            0.000000          10           203.416667 0.000000000
## 2641            0.000000           4            60.000000 0.050000000
## 2642            0.000000           7            65.000000 0.114285714
## 2643            0.000000          21           197.333333 0.009523810
## 2644            0.000000          24           300.666667 0.008333333
## 2645            0.000000          28           471.000000 0.029629630
## 2646            0.000000         112          7968.903361 0.003093259
## 2647            0.000000           8           105.000000 0.000000000
## 2648            0.000000          26          2607.500000 0.024000000
## 2649           14.000000          51           865.672222 0.007407407
## 2650            0.000000          42          1076.977778 0.010975610
## 2651            0.000000          60          2818.094444 0.016666667
## 2652            0.000000           5           234.966667 0.000000000
## 2653            0.000000          13           935.000000 0.000000000
## 2654            0.000000          22          1662.733333 0.000000000
## 2655            0.000000           1             0.000000 0.200000000
## 2656            0.000000          10           155.000000 0.000000000
## 2657            0.000000          13           436.600000 0.002564103
## 2658            0.000000           6            80.000000 0.100000000
## 2659            0.000000          47           716.625000 0.000000000
## 2660            0.000000          32          1223.416667 0.000000000
## 2661            0.000000          28          1286.750000 0.000000000
## 2662            0.000000           2            83.000000 0.000000000
## 2663            0.000000          35           897.666667 0.011764706
## 2664           12.000000          22          2178.672222 0.013827160
## 2665            0.000000          34          3195.828571 0.002564103
## 2666            0.000000           5           116.500000 0.000000000
## 2667           72.000000          33          1143.657143 0.000000000
## 2668            0.000000           1            43.000000 0.000000000
## 2669          141.166667          50          2871.262932 0.001851852
## 2670            0.000000          25           417.966667 0.000000000
## 2671            0.000000           3           129.000000 0.000000000
## 2672            0.000000          13          1248.000000 0.000000000
## 2673            0.000000           9           837.666667 0.000000000
## 2674            0.000000          23           418.233333 0.000000000
## 2675            0.000000           8           370.000000 0.000000000
## 2676            0.000000          21           743.916667 0.004000000
## 2677            0.000000           1             0.000000 0.200000000
## 2678          113.000000          27          3178.583333 0.025000000
## 2679            0.000000          17           463.666667 0.000000000
## 2680            0.000000          23           178.600000 0.086956522
## 2681            0.000000           1             0.000000 0.200000000
## 2682            0.000000           8            24.000000 0.150000000
## 2683            0.000000          12           689.750000 0.000000000
## 2684            0.000000           0             0.000000 0.200000000
## 2685            0.000000          39           963.166667 0.005405405
## 2686            0.000000           6           387.000000 0.133333333
```

```
## 2687          0.000000          1          0.000000 0.200000000
## 2688          0.000000         11        534.000000 0.015384615
## 2689          0.000000          1          0.000000 0.200000000
## 2690          0.000000         26        338.233333 0.024871795
## 2691          0.000000         20        255.750000 0.000000000
## 2692          0.000000          9        228.500000 0.022222222
## 2693          0.000000          6         72.900000 0.000000000
## 2694          0.000000         26        982.833333 0.000000000
## 2695          0.000000         22        473.500000 0.000000000
## 2696          0.000000          4        636.000000 0.000000000
## 2697          0.000000         58       1806.504167 0.013793103
## 2698          0.000000          6         21.000000 0.000000000
## 2699          0.000000         40       1111.245175 0.014750000
## 2700          0.000000         11       1055.500000 0.018181818
## 2701          0.000000          7         59.000000 0.000000000
## 2702          0.000000          2         23.000000 0.000000000
## 2703          0.000000          5         25.000000 0.120000000
## 2704        246.000000         51       2697.487879 0.004310345
## 2705          0.000000          1          0.000000 0.200000000
## 2706          0.000000          3        115.000000 0.000000000
## 2707          0.000000         15        272.333333 0.013333333
## 2708          0.000000          1          0.000000 0.200000000
## 2709          0.000000         16        895.809524 0.000000000
## 2710          0.000000         16        200.000000 0.034375000
## 2711        114.000000         26        607.977778 0.000000000
## 2712          0.000000         28        615.816667 0.007407407
## 2713          0.000000          1          0.000000 0.200000000
## 2714          0.000000          6       1133.666667 0.028205128
## 2715          0.000000          5        131.500000 0.040000000
## 2716          0.000000         30       2759.833333 0.025000000
## 2717          0.000000         42       1433.083333 0.005000000
## 2718          0.000000         15        743.666667 0.010000000
## 2719          0.000000         16        680.750000 0.000000000
## 2720          0.000000         11        118.666667 0.027272727
## 2721          0.000000          7        136.000000 0.000000000
## 2722          0.000000         19       2236.900000 0.000000000
## 2723          0.000000         29       2841.000000 0.000000000
## 2724          0.000000          2         15.000000 0.000000000
## 2725          0.000000         41        895.833333 0.057142857
## 2726        166.000000         86       2559.541228 0.008333333
## 2727        584.000000         25       1161.767949 0.018070818
## 2728          0.000000         17        252.000000 0.023529412
## 2729          0.000000          4         13.000000 0.028571429
## 2730          0.000000         11        385.000000 0.000000000
## 2731          0.000000         29        582.000000 0.006896552
## 2732          0.000000         64       1550.211111 0.000000000
## 2733          0.000000         43       1738.250000 0.006349206
## 2734          0.000000         17        176.666667 0.078947368
## 2735          0.000000          2          3.000000 0.100000000
## 2736          0.000000         24        304.523077 0.000000000
## 2737          0.000000          9        268.500000 0.055555556
## 2738          0.000000         14        101.250000 0.000000000
## 2739        168.500000         14        361.500000 0.009090909
## 2741          0.000000         41        492.683333 0.000000000
```

```
## 2742          0.000000          18          397.666667 0.000000000
## 2743          0.000000           5           73.000000 0.040000000
## 2744          0.000000           2            0.000000 0.200000000
## 2745          0.000000          67         4290.833333 0.000000000
## 2746        173.000000          36         2542.333333 0.042592593
## 2747         45.000000          62         3657.101515 0.000952381
## 2748          0.000000          10           60.000000 0.000000000
## 2749          0.000000          18          920.000000 0.122222222
## 2750         97.000000          34          670.422619 0.010810811
## 2751          0.000000          83         2101.466667 0.000000000
## 2752          0.000000           1            0.000000 0.200000000
## 2753          0.000000          11          578.333333 0.050000000
## 2755          0.000000           7           82.000000 0.000000000
## 2756          0.000000          16          502.500000 0.000000000
## 2757          0.000000           5          465.500000 0.120000000
## 2758        282.000000          52         1283.052597 0.024747475
## 2759          0.000000          23          226.256410 0.008695652
## 2760          0.000000          46         1535.242063 0.021938776
## 2761          0.000000          24          762.333333 0.030769231
## 2762          0.000000           3            0.000000 0.200000000
## 2763          0.000000          16          177.500000 0.025000000
## 2764          0.000000           7           80.000000 0.028571429
## 2765          0.000000          34         1266.333333 0.005882353
## 2766          2.000000          39         1050.708333 0.021162791
## 2767          0.000000          14          212.833333 0.010526316
## 2768          0.000000          35         1386.716667 0.020000000
## 2769          0.000000           1            0.000000 0.200000000
## 2770          0.000000          27         2514.250000 0.000000000
## 2771          0.000000           8          125.000000 0.000000000
## 2772         55.000000          10         1968.250000 0.014285714
## 2773          0.000000           9          300.000000 0.011111111
## 2774         42.000000          37         1517.750000 0.019512195
## 2775          0.000000          26         1056.666667 0.016571429
## 2776          0.000000          16          399.000000 0.021052632
## 2777         63.000000         104         2743.819189 0.000000000
## 2778        125.000000          12          332.000000 0.000000000
## 2779          0.000000           4           56.000000 0.100000000
## 2780          0.000000          37          769.000000 0.000000000
## 2781          0.000000          13          178.833333 0.000000000
## 2782          0.000000           7           88.000000 0.000000000
## 2783        135.000000          27          517.392857 0.000000000
## 2784          8.000000          37         1683.633333 0.000000000
## 2785        165.000000          12          833.000000 0.016666667
## 2786          0.000000          25          319.333333 0.016666667
## 2787          0.000000          20          733.500000 0.012698413
## 2788          0.000000           6          224.000000 0.000000000
## 2789          0.000000          11          822.000000 0.054545455
## 2790          0.000000          14          838.550000 0.000000000
## 2791          0.000000          44         2479.000000 0.022727273
## 2792          0.000000          18          519.500000 0.000000000
## 2793          0.000000          38         1035.935714 0.037894737
## 2794          0.000000           2            0.000000 0.200000000
## 2795          0.000000           8          149.000000 0.000000000
## 2796          0.000000           8          160.500000 0.000000000
```

```
## 2797          0.000000          2          0.000000 0.200000000
## 2798          0.000000         10          3.000000 0.140000000
## 2799          0.000000         20        219.500000 0.120000000
## 2800          0.000000          7        858.500000 0.028571429
## 2801          0.000000          2         54.500000 0.100000000
## 2802         25.000000         15        412.833333 0.000000000
## 2803          0.000000          8        107.000000 0.000000000
## 2804          0.000000         14        342.500000 0.000000000
## 2805          0.000000         31       1138.504762 0.020000000
## 2806          0.000000         16        544.833333 0.004761905
## 2807          0.000000          7        176.333333 0.000000000
## 2808          0.000000          2         19.000000 0.000000000
## 2809          0.000000         13        687.500000 0.000000000
## 2810          0.000000          3         22.000000 0.066666667
## 2811          0.000000         44       3227.500000 0.000000000
## 2812          0.000000         39        440.666667 0.015789474
## 2813          0.000000          3         65.000000 0.111111111
## 2814        189.500000         22       2297.801282 0.014743590
## 2815          0.000000          6         28.000000 0.066666667
## 2816          0.000000         10         22.500000 0.100000000
## 2817          0.000000         15        194.066667 0.001904762
## 2818          0.000000         56       2145.563492 0.011403509
## 2819          0.000000         33       1703.321429 0.000000000
## 2820          0.000000         15       1999.833333 0.015384615
## 2821          0.000000          1          0.000000 0.200000000
## 2822        424.500000        115       3382.287999 0.005346832
## 2823          0.000000         13       2038.000000 0.000000000
## 2824          0.000000         53       2409.068434 0.001960784
## 2825       1307.000000        131       9487.940434 0.001726619
## 2826          0.000000        159       4668.052051 0.005696203
## 2827          0.000000         12        201.666667 0.018181818
## 2828          0.000000          7        156.833333 0.000000000
## 2829          0.000000          8        412.166667 0.000000000
## 2830          0.000000         50       2617.233333 0.000000000
## 2831          0.000000          1          0.000000 0.200000000
## 2832          0.000000         22        465.705128 0.000000000
## 2833          0.000000          8        245.000000 0.100000000
## 2834          0.000000         14        803.000000 0.046153846
## 2835          0.000000         16        360.000000 0.000000000
## 2836          0.000000          3         20.000000 0.053333333
## 2837          0.000000          3        258.500000 0.000000000
## 2838          0.000000         20        887.583333 0.000000000
## 2839          0.000000         14        394.250000 0.000000000
## 2840         37.000000         52       1941.083333 0.017543860
## 2841          0.000000         16        142.500000 0.037500000
## 2842          0.000000          6        270.214286 0.000000000
## 2843         81.500000         23        541.666667 0.001111111
## 2844          0.000000          1          0.000000 0.200000000
## 2845        147.166667         43       1090.060606 0.004081633
## 2846          0.000000          2         34.000000 0.000000000
## 2847          0.000000          4        219.500000 0.000000000
## 2848          0.000000         14        253.800000 0.000000000
## 2849          0.000000         12        202.000000 0.000000000
## 2850          0.000000         38       2259.533333 0.002105263
```

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## 2851          0.000000          14          797.333333 0.000000000
## 2852          0.000000          29          594.966667 0.013793103
## 2853          0.000000           7          117.000000 0.000000000
## 2854          0.000000           9          108.000000 0.000000000
## 2855          3.500000          13          503.000000 0.000000000
## 2856          0.000000          46         1425.750000 0.008888889
## 2857          0.000000           8          188.500000 0.000000000
## 2858          0.000000          20         1722.866667 0.010000000
## 2859          0.000000           6          313.000000 0.000000000
## 2860          0.000000          35         1078.727778 0.000000000
## 2861         83.000000          62         2050.395743 0.005882353
## 2862          0.000000           1            0.000000 0.200000000
## 2863          0.000000          32         1040.166667 0.011764706
## 2864          0.000000          65         1803.758333 0.004687500
## 2865          0.000000          12          136.500000 0.016666667
## 2866          0.000000          68         2241.844444 0.010958904
## 2867          0.000000          19          482.500000 0.000000000
## 2868          0.000000          25         1225.857143 0.012000000
## 2869          0.000000          10          573.166667 0.000000000
## 2870          0.000000          16          507.833333 0.000000000
## 2871          0.000000           5          108.000000 0.000000000
## 2872          0.000000          11          458.500000 0.000000000
## 2873          0.000000           4           25.000000 0.050000000
## 2874          0.000000          10          724.000000 0.000000000
## 2875          0.000000           5           93.500000 0.000000000
## 2876          0.000000          19          196.500000 0.000000000
## 2877          0.000000          47          483.300000 0.016326531
## 2878          0.000000          37          511.166667 0.018018018
## 2879          0.000000          94         2129.536752 0.003157895
## 2880          0.000000          16          480.300000 0.012500000
## 2881          0.000000          13          143.000000 0.100000000
## 2882          0.000000          22          352.800000 0.000000000
## 2883          0.000000           6          657.500000 0.000000000
## 2884          0.000000          37         1384.383333 0.006766917
## 2885         39.000000          16         1280.166667 0.000000000
## 2886          0.000000           5           95.500000 0.000000000
## 2887          0.000000         115         1822.008117 0.001169591
## 2888          0.000000          31         1269.766667 0.012121212
## 2889          0.000000          10          149.600000 0.020000000
## 2890          0.000000          23         1817.000000 0.053333333
## 2891        120.000000         204         9143.435714 0.004807692
## 2892          0.000000          68         1080.150000 0.000000000
## 2893          0.000000           7          316.250000 0.000000000
## 2894          0.000000          40         1783.250000 0.008333333
## 2895          0.000000          35         1384.533333 0.001754386
## 2896          0.000000          12          197.500000 0.000000000
## 2897          0.000000           5            0.000000 0.200000000
## 2898          0.000000          23          996.438095 0.000000000
## 2899          0.000000           7          368.500000 0.000000000
## 2900          0.000000           3           54.500000 0.000000000
## 2901          0.000000           4          228.500000 0.033333333
## 2902          0.000000          66         1285.548533 0.004109589
## 2903         16.000000         142         6223.870847 0.000000000
## 2904          0.000000          33          841.033333 0.015151515
```

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## 2905          0.000000          25        1250.500000 0.056000000
## 2906        913.000000          31         699.500000 0.000000000
## 2907         15.000000          50        1766.855952 0.002884615
## 2908          0.000000          24         567.450000 0.040000000
## 2909          0.000000           5          90.666667 0.040000000
## 2910          0.000000          14         158.500000 0.000000000
## 2911          0.000000          24         981.166667 0.051388889
## 2912          0.000000          19        1661.750000 0.000000000
## 2913          9.000000          14         548.250000 0.022222222
## 2914          0.000000          36         808.083333 0.000000000
## 2915          0.000000           7          87.500000 0.028571429
## 2916          0.000000          11         276.000000 0.000000000
## 2917          0.000000          19         130.500000 0.084210526
## 2918          0.000000           8         321.500000 0.075000000
## 2919          0.000000           1           0.000000 0.200000000
## 2920          0.000000          23        1875.744689 0.028571429
## 2921          0.000000           3         117.000000 0.066666667
## 2922          0.000000          48        4346.916667 0.020138889
## 2923          0.000000          45         884.335714 0.001086957
## 2924         31.000000          41        1678.733333 0.010000000
## 2925          0.000000          24         325.833333 0.000000000
## 2926          0.000000          19         436.000000 0.000000000
## 2927          0.000000           3          27.000000 0.066666667
## 2928         44.000000          14         549.500000 0.000000000
## 2929          0.000000           1           0.000000 0.200000000
## 2930          0.000000          55        4277.000000 0.003636364
## 2931          0.000000          13         173.000000 0.000000000
## 2932          0.000000           6         179.500000 0.033333333
## 2933        149.000000          11         561.550000 0.014285714
## 2934          0.000000          30        2136.000000 0.000000000
## 2935          9.000000          43        2797.816667 0.000000000
## 2936          0.000000          28         643.875000 0.000000000
## 2937         47.000000          32         898.833333 0.068571429
## 2938          0.000000          31         453.000000 0.000000000
## 2939          0.000000          28         888.000000 0.014285714
## 2940          0.000000         206        9997.728571 0.001439737
## 2941          0.000000          16         588.333333 0.028571429
## 2942        448.500000         102        5703.476786 0.001739130
## 2943          0.000000          83        1495.580952 0.000000000
## 2944          0.000000           6          66.500000 0.011111111
## 2945          0.000000           2         134.000000 0.000000000
## 2946          0.000000          22        2905.500000 0.010000000
## 2947          0.000000          18         521.500000 0.022222222
## 2948          0.000000           5          47.000000 0.020000000
## 2949          0.000000           1           0.000000 0.200000000
## 2950          0.000000          52        1192.317857 0.006410256
## 2951          0.000000          22         355.666667 0.047619048
## 2952          0.000000          11         332.500000 0.000000000
## 2953          0.000000          11         297.300000 0.000000000
## 2954          0.000000          53        2309.995238 0.047479439
## 2955          0.000000          26         810.371377 0.019230769
## 2956          0.000000           7         384.500000 0.000000000
## 2957          0.000000          53         975.972222 0.001851852
## 2958          0.000000           4         127.000000 0.000000000
```

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## 2959          0.000000          6          107.000000 0.006060606
## 2960          0.000000          6           50.000000 0.000000000
## 2961          0.000000         43         3382.083333 0.000000000
## 2962          0.000000          8          541.500000 0.050000000
## 2963          0.000000          2           25.000000 0.000000000
## 2964          0.000000          9          210.500000 0.044444444
## 2965          0.000000         43         1343.097619 0.037878788
## 2966          0.000000          9          953.833333 0.000000000
## 2967          0.000000         24          674.500000 0.041666667
## 2968         10.000000         64          817.016377 0.000000000
## 2969         36.333333         31         1124.916667 0.000000000
## 2970        118.000000        313         7428.181584 0.002509267
## 2971         61.000000        145         5577.826456 0.002688695
## 2972          0.000000         17          887.833333 0.006250000
## 2973          0.000000         25         2765.200000 0.008000000
## 2974         13.000000          4          145.000000 0.000000000
## 2975        406.000000         60         3121.283333 0.002857143
## 2976          0.000000         57         1190.548851 0.007017544
## 2977          0.000000         18          410.916667 0.105263158
## 2978          0.000000         25          710.500000 0.032000000
## 2979          0.000000          9          319.666667 0.033333333
## 2980          0.000000          1            0.000000 0.200000000
## 2981          0.000000          5           91.000000 0.000000000
## 2982          0.000000          6          191.000000 0.066666667
## 2983          0.000000         20          401.500000 0.000000000
## 2984          0.000000          7          117.500000 0.000000000
## 2985         10.166667         85         1311.072012 0.002657807
## 2986          0.000000          4          157.000000 0.000000000
## 2987          9.500000         17          414.333333 0.000000000
## 2988          0.000000         54         1155.033333 0.001282051
## 2989          0.000000         97         1589.183333 0.008070175
## 2990          0.000000          2          233.500000 0.000000000
## 2991          0.000000         28         1384.071429 0.007142857
## 2992          0.000000          1            0.000000 0.000000000
## 2993         27.000000         21          452.814103 0.044000000
## 2994          0.000000         30         1708.083333 0.006666667
## 2995          0.000000         10         1057.000000 0.022222222
## 2996          0.000000         61         3374.916667 0.001111111
## 2997        646.000000         83         5448.994444 0.008888889
## 2998          0.000000         21          654.500000 0.009090909
## 2999          0.000000         17          389.000000 0.000000000
## 3000          0.000000         11         1435.000000 0.054545455
## 3001         15.000000         19          512.066667 0.009523810
## 3002          0.000000         21          797.295238 0.000000000
## 3003          0.000000         22          555.866667 0.009523810
## 3004          0.000000         56         2954.759524 0.013793103
## 3005          0.000000          2            0.000000 0.200000000
## 3006          0.000000          5           97.166667 0.000000000
## 3007          0.000000          2          291.000000 0.000000000
## 3008          0.000000          4           36.000000 0.100000000
## 3009          0.000000         18          472.000000 0.030555556
## 3010          0.000000         14          628.000000 0.014285714
## 3011          0.000000          6          129.000000 0.000000000
## 3012         32.000000         81         1141.061905 0.001605136
```

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## 3013          0.000000          5          105.000000 0.040000000
## 3014          0.000000          5          273.500000 0.000000000
## 3015          0.000000         11          467.000000 0.000000000
## 3016          0.000000         25          461.222222 0.000000000
## 3017          0.000000          5          198.000000 0.000000000
## 3018          0.000000          7          220.333333 0.000000000
## 3019          0.000000          5          241.000000 0.000000000
## 3020         26.666667         67         1783.122222 0.000000000
## 3021          0.000000         34          731.523809 0.020588235
## 3022         77.000000        198         3057.809524 0.000000000
## 3023          0.000000         90          601.790196 0.002222222
## 3024        459.000000         17         1370.067857 0.021739130
## 3025          0.000000          4           59.000000 0.000000000
## 3026          0.000000         27          694.000000 0.007142857
## 3027          0.000000          4           39.000000 0.040000000
## 3028          0.000000         27          321.666667 0.051190476
## 3029          0.000000         11          540.500000 0.000000000
## 3030         10.000000         51         4977.850000 0.000000000
## 3031          0.000000         20         1066.166667 0.005000000
## 3032          0.000000         48         1142.666667 0.000000000
## 3033          0.000000         25         1294.183333 0.014814815
## 3034          0.000000         26         1086.178571 0.014285714
## 3035          0.000000         14          221.500000 0.000000000
## 3036          0.000000         59          754.226191 0.000000000
## 3037          0.000000         22          432.571429 0.000000000
## 3038          0.000000         19         1051.500000 0.008333333
## 3039         12.000000         39         1101.333333 0.009523810
## 3040        102.000000         81         2477.666667 0.001149425
## 3041          0.000000         37         1501.166667 0.000000000
## 3042         18.000000         85         1736.447368 0.003069054
## 3043          0.000000         13           94.500000 0.015384615
## 3044          0.000000         10          269.000000 0.000000000
## 3045         18.000000         36          833.083333 0.032432432
## 3046          0.000000          4           86.750000 0.000000000
## 3047          0.000000         44          547.000000 0.060000000
## 3048          0.000000          5         1474.500000 0.000000000
## 3049          0.000000          1            0.000000 0.200000000
## 3050          0.000000         11          787.000000 0.033333333
## 3051          0.000000          3           17.000000 0.066666667
## 3052          0.000000          7          323.500000 0.000000000
## 3053        163.000000         62          813.051948 0.003225806
## 3054          0.000000         11         2028.500000 0.000000000
## 3055          0.000000         56         2220.871465 0.003389831
## 3056          0.000000         15          440.000000 0.000000000
## 3057          0.000000         17         1356.000000 0.000000000
## 3058          0.000000          6          399.000000 0.000000000
## 3059          0.000000         13          231.500000 0.015384615
## 3060        196.000000         11          438.583333 0.012500000
## 3061          0.000000          5          164.000000 0.000000000
## 3062          0.000000          8          347.666667 0.087500000
## 3063         33.000000          6           64.000000 0.000000000
## 3064         20.000000         57         2931.580303 0.004000000
## 3065         55.000000         63         1462.450000 0.000000000
## 3066          0.000000         22          402.500000 0.047619048
```

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## 3067          0.000000          18          727.619048 0.000000000
## 3068         59.500000          15          553.166667 0.000000000
## 3069          0.000000          22          460.666667 0.000000000
## 3070          0.000000           2            0.000000 0.200000000
## 3071          0.000000          22         2837.166667 0.000000000
## 3072          0.000000          34          541.500000 0.017142857
## 3073          0.000000           2           13.000000 0.000000000
## 3074          0.000000           3           70.500000 0.000000000
## 3075          0.000000           3          264.000000 0.000000000
## 3076          0.000000          89         1638.888095 0.014367816
## 3077          0.000000          14         1383.500000 0.000000000
## 3078          0.000000           5          215.000000 0.040000000
## 3079          0.000000          26         1382.665140 0.017283951
## 3080        537.000000          42          352.500000 0.004255319
## 3081          0.000000          41         1444.166667 0.009756098
## 3082          0.000000          16          250.083333 0.000000000
## 3083          0.000000          15          327.500000 0.000000000
## 3084          0.000000          48         1085.078571 0.015833333
## 3085          0.000000          58         2665.798039 0.007142857
## 3086          0.000000           5          164.000000 0.040000000
## 3087          0.000000          20          816.500000 0.050000000
## 3088         10.000000          25         2877.500000 0.007692308
## 3089          0.000000           3           36.000000 0.000000000
## 3090          0.000000          19          448.033333 0.000000000
## 3091          0.000000           6           30.000000 0.183333333
## 3092          0.000000         181         6842.002513 0.000000000
## 3093          0.000000         126         2645.833333 0.004511278
## 3094          0.000000          21          586.189286 0.000000000
## 3095          0.000000          37         1133.016667 0.000000000
## 3096          0.000000          42          562.666667 0.009340659
## 3097          0.000000          11          219.500000 0.018181818
## 3098          0.000000          35          468.000000 0.011428571
## 3099          0.000000          62         3000.250794 0.004918033
## 3100         20.000000          13          816.954545 0.028571429
## 3101          0.000000           1            0.000000 0.200000000
## 3102          0.000000           9          143.000000 0.055555556
## 3103          0.000000          15         1861.500000 0.000000000
## 3104          0.000000           6          815.000000 0.050000000
## 3105          0.000000           6          165.500000 0.000000000
## 3106          0.000000          26         1090.916667 0.014193548
## 3107          0.000000           8          133.000000 0.000000000
## 3108          0.000000           9           83.000000 0.044444444
## 3109          0.000000           7           24.000000 0.042857143
## 3110          0.000000          25          533.071429 0.000000000
## 3111          0.000000          13          303.400000 0.000000000
## 3112          0.000000          31          516.476191 0.006896552
## 3113          0.000000           5           72.500000 0.000000000
## 3114          0.000000          34          652.923809 0.006250000
## 3115          0.000000          79         3393.903571 0.017761848
## 3116          0.000000          11          210.000000 0.009090909
## 3117          0.000000          10          466.500000 0.000000000
## 3118          0.000000          28         2778.333333 0.007142857
## 3119          0.000000          10          677.500000 0.047619048
## 3120          0.000000          23          908.466667 0.033333333
```

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## 3121          0.000000          22          346.833333 0.038095238
## 3122          0.000000          25          481.166667 0.000000000
## 3123         88.000000          22          661.630952 0.007692308
## 3124          0.000000          13          324.000000 0.000000000
## 3125          0.000000          11          185.000000 0.000000000
## 3126         15.000000          26          670.166667 0.000000000
## 3127          0.000000          15          183.833333 0.066666667
## 3128        193.250000         106         5633.538274 0.008878505
## 3129          0.000000           5           17.000000 0.000000000
## 3130          0.000000          12          936.000000 0.000000000
## 3131          0.000000          42         1329.666667 0.000000000
## 3132          0.000000           1           24.000000 0.000000000
## 3133          0.000000          26         1026.750000 0.000000000
## 3134         76.000000          35         2068.928571 0.000000000
## 3135          0.000000           4          118.000000 0.050000000
## 3136          0.000000           9          167.000000 0.022222222
## 3137          0.000000           3           35.000000 0.066666667
## 3138          0.000000           1            0.000000 0.200000000
## 3139          0.000000           4           57.000000 0.100000000
## 3140          0.000000          46          953.068687 0.000000000
## 3141          0.000000          11          714.500000 0.014285714
## 3142          0.000000           1            0.000000 0.200000000
## 3143          0.000000           5           25.000000 0.120000000
## 3144          0.000000          61         1797.298291 0.025147059
## 3145          0.000000          10          154.500000 0.000000000
## 3146          0.000000           8          118.000000 0.000000000
## 3147          0.000000          48          805.099298 0.000000000
## 3148          0.000000           9          138.500000 0.022222222
## 3149         33.000000          38         1190.616667 0.004444444
## 3150          0.000000          20          411.388889 0.009523810
## 3151          0.000000          47          778.761905 0.042553191
## 3152          0.000000          18          495.000000 0.011111111
## 3153          0.000000          22          512.050000 0.043750000
## 3154          0.000000          21          998.400000 0.004000000
## 3155         34.000000          30         1049.833333 0.012500000
## 3156          0.000000          12          472.916667 0.000000000
## 3157       1360.000000         157         5645.176455 0.002692308
## 3158          0.000000           1            0.000000 0.200000000
## 3159          0.000000           6         1615.000000 0.000000000
## 3160          0.000000           5           28.333333 0.040000000
## 3161          0.000000           2            7.000000 0.000000000
## 3162          0.000000          19          283.500000 0.000000000
## 3163          0.000000          85         2694.833333 0.000000000
## 3164          0.000000          32         1130.846970 0.014705882
## 3165          0.000000         112         2478.622727 0.000000000
## 3166          0.000000          29         1714.400000 0.024074074
## 3167          0.000000          46         2213.366667 0.034782609
## 3168          0.000000           2            0.000000 0.200000000
## 3169          0.000000          22          739.583333 0.009090909
## 3170         46.666667          74         3206.193407 0.004819277
## 3171          0.000000           1            0.000000 0.200000000
## 3172        216.000000          17         1243.500000 0.000000000
## 3173        900.500000          24         1448.333333 0.000000000
## 3174          0.000000           1            0.000000 0.200000000
```

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## 3175          0.000000          11          304.000000 0.000000000
## 3176          0.000000          25          304.500000 0.000000000
## 3177          0.000000          86         1699.666667 0.013953488
## 3178          0.000000           4          467.000000 0.000000000
## 3179         13.000000          63         4833.925000 0.006153846
## 3180          9.000000         109         3731.138116 0.004861111
## 3181          0.000000           2           20.000000 0.000000000
## 3182          0.000000           1            0.000000 0.200000000
## 3183          0.000000           6          245.000000 0.083333333
## 3184          0.000000           1          504.000000 0.000000000
## 3185          0.000000          19         1263.333333 0.011764706
## 3186        214.500000         112         4509.823016 0.004166667
## 3187        196.000000          36          585.178355 0.000000000
## 3188          0.000000           0            0.000000 0.200000000
## 3189          0.000000          26          536.000000 0.007407407
## 3190         78.000000          18          570.333333 0.000000000
## 3191          0.000000          15          496.750000 0.000000000
## 3192          0.000000          85         2197.195238 0.015000000
## 3193          0.000000           4           72.666667 0.000000000
## 3194        909.000000          23          542.333333 0.000000000
## 3195          0.000000          10          342.166667 0.000000000
## 3196         62.500000          80         1190.418903 0.005714286
## 3197          0.000000           2           74.666667 0.000000000
## 3198        107.000000          58         1978.214286 0.000000000
## 3199          0.000000          79         3129.393438 0.018258179
## 3200          0.000000          11          751.500000 0.018181818
## 3201        104.500000         111         2748.624538 0.005420054
## 3202          0.000000          12          321.833333 0.015384615
## 3203         91.000000         109         2926.431962 0.000000000
## 3204         93.666667          54         2070.643939 0.003773585
## 3205          0.000000           8          214.333333 0.040000000
## 3206         10.500000           5           39.500000 0.000000000
## 3207          0.000000          49         1592.133333 0.003636364
## 3208          0.000000          26          986.916667 0.000000000
## 3209          0.000000          12          418.333333 0.000000000
## 3210          0.000000          12         1111.000000 0.000000000
## 3211          0.000000           4          536.500000 0.000000000
## 3212         38.500000          32          410.116667 0.004301075
## 3213          0.000000           3            5.000000 0.100000000
## 3214         33.000000          79         2650.408502 0.000766284
## 3215          0.000000          15          450.200000 0.000000000
## 3216          0.000000         131         2749.058333 0.009090909
## 3217          0.000000          75         1959.304762 0.005479452
## 3218          0.000000          35          869.061111 0.000000000
## 3219          0.000000          25         1320.500000 0.000000000
## 3220          0.000000          19          976.338235 0.000000000
## 3221          0.000000          13          522.000000 0.000000000
## 3222          0.000000          57         1008.916667 0.003508772
## 3223          0.000000          17          931.000000 0.027777778
## 3224          0.000000           1            0.000000 0.200000000
## 3225          0.000000           7           49.000000 0.025000000
## 3226          0.000000           6           25.000000 0.133333333
## 3227          0.000000          26          933.333333 0.008000000
## 3228         69.000000          22         1552.547619 0.013725490
```

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## 3229          48.500000          71          3439.733242 0.000000000
## 3230           0.000000          16          1851.500000 0.023529412
## 3231           0.000000           5            40.000000 0.066666667
## 3233           0.000000          20           457.583333 0.022222222
## 3234           0.000000          33          2081.500000 0.000000000
## 3235         808.500000          33          1310.472222 0.018518519
## 3236           0.000000          34          1001.166667 0.000000000
## 3237           0.000000          42          3436.066667 0.000757576
## 3238           0.000000          11           198.166667 0.000000000
## 3239           0.000000          17           296.233333 0.012500000
## 3240           0.000000          13          1649.000000 0.000000000
## 3241           0.000000          11           574.333333 0.000000000
## 3242           0.000000           6           161.000000 0.000000000
## 3243           0.000000          39          2643.333333 0.000000000
## 3244           0.000000          10           706.000000 0.000000000
## 3245         255.500000          45          2996.487500 0.014814815
## 3246           0.000000           5           108.000000 0.000000000
## 3247           0.000000          45          2171.174592 0.000000000
## 3248           0.000000          23           255.638889 0.000000000
## 3249           0.000000          57          1925.102381 0.005000000
## 3250           0.000000           8           202.333333 0.000000000
## 3251           0.000000          15           239.000000 0.048888889
## 3252           0.000000          26           380.166667 0.000000000
## 3253           0.000000          16            79.000000 0.025000000
## 3254           1.000000          93          4324.737073 0.021112782
## 3255         108.000000          89          2114.083333 0.000000000
## 3256           0.000000           2           149.000000 0.000000000
## 3257           0.000000          15           894.000000 0.000000000
## 3258           0.000000          36           925.833333 0.041666667
## 3259           0.000000           4            50.000000 0.000000000
## 3260           0.000000           2            85.000000 0.000000000
## 3261          68.000000          35           625.085689 0.011149826
## 3262           0.000000           7           164.500000 0.000000000
## 3263           0.000000          20           275.666667 0.066666667
## 3264           0.000000          89          5044.756890 0.002528736
## 3265           0.000000           5           691.000000 0.000000000
## 3266           0.000000           2             0.000000 0.200000000
## 3267           0.000000         117          1569.866667 0.003418803
## 3268           1.500000          43          1368.484848 0.015909091
## 3269           0.000000          36          1697.550000 0.017500000
## 3270           0.000000           1             0.000000 0.200000000
## 3271           0.000000          23          1134.500000 0.066459627
## 3272          84.000000          58          2787.250000 0.000000000
## 3274           0.000000          11           297.250000 0.000000000
## 3275           0.000000          27           352.083333 0.014814815
## 3276           0.000000           4            26.000000 0.000000000
## 3277           0.000000          15          1486.666667 0.000000000
## 3278          11.000000          82          1164.099635 0.010714286
## 3279           0.000000          18          1360.500000 0.016666667
## 3280           0.000000           6           156.000000 0.000000000
## 3281           0.000000          46          1942.933333 0.010119048
## 3283           0.000000          10           133.833333 0.000000000
## 3284           0.000000           5            36.000000 0.066666667
## 3285           0.000000          30          1407.500000 0.006451613
```

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## 3286          0.000000          1          0.000000 0.200000000
## 3287          0.000000         20       1187.500000 0.000000000
## 3288          0.000000         40       1090.566667 0.018392857
## 3289          0.000000          1          0.000000 0.200000000
## 3290          0.000000          9        115.500000 0.018181818
## 3291          0.000000          8        463.000000 0.000000000
## 3292        111.500000          6         91.500000 0.050000000
## 3293          0.000000         42        840.833333 0.000000000
## 3294          0.000000         43        895.973169 0.000000000
## 3295          0.000000          7         76.500000 0.007142857
## 3296          0.000000          7        104.333333 0.085714286
## 3297         86.000000         26        466.500000 0.000000000
## 3298          0.000000         11        345.166667 0.022222222
## 3299          0.000000          8        203.000000 0.012500000
## 3300          0.000000         20        869.800000 0.011111111
## 3301          0.000000          6         68.500000 0.000000000
## 3302          0.000000         57        980.833333 0.007142857
## 3303          0.000000         45       1438.722222 0.004545455
## 3304          0.000000         10        423.666667 0.000000000
## 3305          0.000000          8        185.500000 0.025000000
## 3306          0.000000          5         74.000000 0.000000000
## 3307          0.000000         13        421.166667 0.000000000
## 3308          0.000000          7        578.200000 0.000000000
## 3309         85.000000        127       6931.049725 0.004347826
## 3310          0.000000         11        522.666667 0.000000000
## 3311          0.000000         36       1720.416667 0.000000000
## 3312          0.000000         22       2464.900000 0.003030303
## 3313          0.000000          8        240.000000 0.000000000
## 3314        134.000000        101       5459.967105 0.038654646
## 3315         15.000000         15        328.416667 0.000000000
## 3316          0.000000          8       1046.500000 0.040000000
## 3317          0.000000          8        268.000000 0.000000000
## 3318          0.000000         14        354.250000 0.000000000
## 3319          0.000000          8        127.666667 0.000000000
## 3320          0.000000          3         15.000000 0.066666667
## 3321          0.000000          9        455.000000 0.000000000
## 3322         15.000000         58       2153.718590 0.007526882
## 3323          0.000000          8        166.250000 0.000000000
## 3324          0.000000         11        578.000000 0.000000000
## 3325          0.000000         10        284.000000 0.000000000
## 3326          0.000000          2        130.000000 0.000000000
## 3327          0.000000         28        341.350000 0.007142857
## 3328          0.000000          4         40.500000 0.000000000
## 3329        181.722222         52       2826.790048 0.007258065
## 3330         58.000000         41       2078.666667 0.008333333
## 3331          0.000000          2          0.000000 0.200000000
## 3332          0.000000          1          0.000000 0.200000000
## 3333          0.000000         19        881.166667 0.000000000
## 3334          0.000000         30        950.833333 0.006666667
## 3335          0.000000         44       2279.222222 0.001111111
## 3336          0.000000         16        729.000000 0.012500000
## 3337          0.000000          8        217.866667 0.000000000
## 3338          0.000000         12        354.000000 0.000000000
## 3339          9.000000         39       1390.866667 0.000000000
```

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## 3340          0.000000          4          104.000000 0.000000000
## 3341          7.000000         25          591.892857 0.000000000
## 3342         21.500000         33         1829.183333 0.000000000
## 3343          0.000000          8          316.500000 0.033333333
## 3344          0.000000         25          903.700000 0.036000000
## 3345          0.000000          5          517.500000 0.025000000
## 3346        341.333333         59         2946.600000 0.003278689
## 3347          0.000000         29          740.500000 0.000000000
## 3348          0.000000         34         4566.238095 0.020476190
## 3349        249.000000        128         3158.561476 0.005474453
## 3350          0.000000          2           55.000000 0.000000000
## 3351          0.000000         56          441.216667 0.008474576
## 3352          0.000000          3          242.000000 0.066666667
## 3353          0.000000          5         1439.500000 0.000000000
## 3354          0.000000         12          312.666667 0.000000000
## 3355          0.000000          8           56.333333 0.000000000
## 3356          0.000000         14          689.383333 0.000000000
## 3357          0.000000         15          614.333333 0.007692308
## 3358          0.000000         23          422.730303 0.008333333
## 3359          0.000000         24          485.283974 0.004938272
## 3360          0.000000         78         2588.077268 0.008333333
## 3361          0.000000         34          603.707143 0.000000000
## 3362          0.000000          2            0.000000 0.200000000
## 3363          0.000000          6          600.000000 0.000000000
## 3364          0.000000          8           82.833333 0.000000000
## 3365         27.000000         33          483.266667 0.002777778
## 3366          0.000000          7           26.000000 0.066666667
## 3367          0.000000         12          272.666667 0.000000000
## 3368          0.000000          1            0.000000 0.200000000
## 3369          0.000000          3           65.000000 0.000000000
## 3370          0.000000         49         4051.375000 0.007272727
## 3371          0.000000         68         1725.870671 0.003200000
## 3372          0.000000         27          359.000000 0.000000000
## 3373          0.000000         12          159.000000 0.000000000
## 3374          0.000000         24          676.166667 0.000000000
## 3375          0.000000         19          707.266667 0.000000000
## 3376          0.000000         35         1178.000000 0.035294118
## 3377          0.000000          6           56.000000 0.000000000
## 3378        292.000000         35         1916.900000 0.000000000
## 3379         12.000000         57         2773.166667 0.015517241
## 3380          0.000000         18          297.300000 0.000000000
## 3381          0.000000         18          631.666667 0.000000000
## 3382          0.000000         14         1340.750000 0.000000000
## 3383          0.000000         23          282.500000 0.043478261
## 3384          0.000000          7           76.000000 0.000000000
## 3385          0.000000         17          434.000000 0.000000000
## 3386          0.000000          4          464.666667 0.000000000
## 3387          0.000000          5          240.500000 0.080000000
## 3388          0.000000         24          530.000000 0.000000000
## 3389          0.000000         24          495.273810 0.016666667
## 3390          0.000000         62         2232.450000 0.008196721
## 3391          0.000000          5          151.000000 0.000000000
## 3392          0.000000          2           49.000000 0.000000000
## 3393        327.000000         50         1845.166667 0.011111111
```

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## 3394          19.000000          27          1523.050000 0.000000000
## 3395           0.000000           5            70.000000 0.040000000
## 3396           0.000000          31          1552.883333 0.000000000
## 3397           0.000000          25           381.357143 0.000000000
## 3398          20.000000          96          5604.977381 0.004888889
## 3399           0.000000          40          1239.949603 0.025000000
## 3400           0.000000           9           265.250000 0.000000000
## 3401           0.000000          24           657.666667 0.013636364
## 3402           0.000000           3            11.000000 0.000000000
## 3403           0.000000          25          1157.452381 0.012000000
## 3404           0.000000          17          1673.653846 0.039215686
## 3405           0.000000          16           355.500000 0.000000000
## 3406           0.000000          90          5621.599206 0.000000000
## 3407           0.000000          11           123.000000 0.000000000
## 3408          10.000000          98          2806.829918 0.013144750
## 3409           0.000000           3            32.000000 0.000000000
## 3410           0.000000          39           557.245238 0.028947368
## 3411           0.000000          42           650.033333 0.004347826
## 3412          23.000000          24          1614.226190 0.000000000
## 3413           0.000000         108          2973.125000 0.005309735
## 3414           0.000000          67          3014.290476 0.001917808
## 3415           0.000000          54           801.509524 0.007547170
## 3416           0.000000           3            27.000000 0.100000000
## 3417           0.000000           8            70.500000 0.075000000
## 3418           0.000000          23           363.500000 0.000000000
## 3419           0.000000          15           436.000000 0.013333333
## 3420           0.000000          31          1087.000000 0.000000000
## 3421         243.000000          19           681.619048 0.000000000
## 3422           0.000000         119          1243.180556 0.000000000
## 3423         122.000000          41          2504.699567 0.000000000
## 3424           0.000000           9           128.000000 0.000000000
## 3425           0.000000          63          1903.666667 0.008064516
## 3426           0.000000          14           397.000000 0.036250000
## 3427         232.000000          16           343.200000 0.000000000
## 3428           0.000000           5            71.000000 0.000000000
## 3429           0.000000          24           653.000000 0.008333333
## 3430         221.000000          67          1564.444444 0.002631579
## 3431           0.000000          70          2509.250000 0.000000000
## 3432           0.000000           3             0.000000 0.166666667
## 3433           0.000000          24           242.000000 0.018181818
## 3434           0.000000          13           646.791667 0.005128205
## 3435           0.000000          23           209.833333 0.002173913
## 3436           0.000000          11           713.000000 0.000000000
## 3437           0.000000           4           112.500000 0.000000000
## 3438           0.000000          44           630.316667 0.025000000
## 3439           0.000000           1             0.000000 0.200000000
## 3440           0.000000         122          6141.432139 0.013593814
## 3441           0.000000          19           536.266667 0.044736842
## 3442           0.000000          31           590.516667 0.005208333
## 3443           0.000000          17           490.533333 0.000000000
## 3444           0.000000          18           631.000000 0.010000000
## 3445           0.000000           6           916.250000 0.000000000
## 3446           0.000000           2            37.000000 0.000000000
## 3447           0.000000          16           571.500000 0.041666667
```

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## 3448          0.000000          14          1025.000000 0.042857143
## 3449          0.000000          49          1143.348504 0.000000000
## 3450          0.000000          23           975.750000 0.000000000
## 3451          0.000000          13           169.000000 0.015384615
## 3452          0.000000          20           499.666667 0.010000000
## 3453          0.000000           7           139.500000 0.000000000
## 3454         75.000000          88          3827.753571 0.000000000
## 3455          0.000000           5            24.000000 0.040000000
## 3456          0.000000          91          2058.534091 0.021348315
## 3457          0.000000          15          1639.500000 0.025000000
## 3458          0.000000           3            24.000000 0.000000000
## 3459          0.000000          11           720.500000 0.000000000
## 3460          0.000000           6            56.000000 0.040000000
## 3461          0.000000          16           324.500000 0.000000000
## 3462          0.000000          36           472.666667 0.075675676
## 3463          0.000000           5            38.000000 0.120000000
## 3464          0.000000           4           568.478261 0.050000000
## 3465          0.000000          29           569.166667 0.000000000
## 3466          0.000000           3             0.000000 0.200000000
## 3467          0.000000          37          1669.559524 0.016190476
## 3468          0.000000          29           986.833333 0.013793103
## 3469         56.000000          62          2414.900000 0.000000000
## 3470          0.000000          24           330.083333 0.037500000
## 3471          0.000000           6            83.000000 0.033333333
## 3472          0.000000          21           744.833333 0.000000000
## 3473          0.000000          16           120.000000 0.053333333
## 3474          0.000000           2             0.000000 0.200000000
## 3475          0.000000          34          1540.750000 0.004878049
## 3476          0.000000           8            89.500000 0.000000000
## 3477          0.000000          17          1723.000000 0.000000000
## 3478          0.000000           7           191.000000 0.000000000
## 3479          0.000000          94          1576.205078 0.010752688
## 3480         23.000000          15           506.000000 0.033333333
## 3481          0.000000          39           537.000000 0.005128205
## 3482          0.000000          12           239.750000 0.000000000
## 3483        559.000000          44          1470.333333 0.016000000
## 3484          0.000000           3           105.250000 0.000000000
## 3485          0.000000          21          1636.500000 0.042857143
## 3486          0.000000           1             0.000000 0.200000000
## 3487          0.000000          14           273.250000 0.000000000
## 3488          0.000000          19           362.000000 0.000000000
## 3489          0.000000          21          1623.500000 0.000000000
## 3490          4.000000          35          1643.333333 0.010526316
## 3491          0.000000           4             0.000000 0.200000000
## 3492        120.666667          56          1080.266667 0.018840580
## 3493          0.000000          12           152.000000 0.000000000
## 3494          0.000000          14           574.500000 0.000000000
## 3495          0.000000          11           142.416667 0.000000000
## 3496          0.000000          55          1420.472496 0.001212121
## 3497          0.000000           5            19.000000 0.000000000
## 3498          0.000000          10          3291.000000 0.020000000
## 3499          0.000000          47          1144.483333 0.041843972
## 3500          0.000000          17           404.000000 0.000000000
## 3501          0.000000          28           714.966667 0.014666667
```

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## 3502          0.000000          25          527.500000 0.000000000
## 3503          0.000000           8           66.000000 0.075000000
## 3504          0.000000         125         4313.139103 0.001736111
## 3505          0.000000          15          454.750000 0.026666667
## 3506          0.000000          17         1205.566667 0.012500000
## 3507         29.000000          41         1652.750000 0.013636364
## 3508          0.000000           7          239.500000 0.000000000
## 3509          0.000000          14         1539.000000 0.015384615
## 3510          0.000000           6          192.500000 0.050000000
## 3511        171.000000          76         2208.788095 0.000000000
## 3512          0.000000         105         2062.443592 0.012205270
## 3513          0.000000          30         1456.783333 0.000000000
## 3514          0.000000          12          260.000000 0.050000000
## 3515          0.000000           7          604.000000 0.000000000
## 3516          0.000000          13          362.500000 0.000000000
## 3517          0.000000          30         1584.300000 0.000000000
## 3518          0.000000          79         3855.200000 0.012345679
## 3519          0.000000          14          543.833333 0.000000000
## 3520          0.000000          12          574.000000 0.016666667
## 3521          0.000000          10          127.750000 0.053333333
## 3522          0.000000          39         2666.000000 0.015384615
## 3523          0.000000           3            0.000000 0.200000000
## 3524          0.000000          23         1166.333333 0.000000000
## 3525          0.000000         276         4758.380638 0.001034483
## 3526         16.000000           8          308.000000 0.000000000
## 3527         17.000000         100         2463.244841 0.001886792
## 3528          0.000000           3           28.000000 0.000000000
## 3529          0.000000          24          958.250000 0.025000000
## 3530          0.000000          16          331.333333 0.000000000
## 3531          0.000000          24          516.416667 0.000000000
## 3532          0.000000          18          689.666667 0.023529412
## 3533          0.000000          22          887.354762 0.010000000
## 3534          0.000000          15         2026.476190 0.011764706
## 3535         29.500000          16          529.333333 0.000000000
## 3536          0.000000          52         2376.861905 0.016666667
## 3537          0.000000          33         1564.173810 0.006250000
## 3538          0.000000          20         1180.000000 0.000000000
## 3539          0.000000          14          291.600000 0.000000000
## 3540          0.000000           2          203.000000 0.000000000
## 3541          0.000000          32          871.833333 0.009375000
## 3542         29.000000          78         3098.992857 0.007692308
## 3543        314.000000          19         2340.500000 0.000000000
## 3544          0.000000           5          108.000000 0.000000000
## 3545          0.000000          59         1927.122222 0.007909605
## 3546          0.000000          15          143.750000 0.080000000
## 3547          0.000000           9          553.000000 0.000000000
## 3548          0.000000           7          855.000000 0.000000000
## 3549        153.000000          27          880.800000 0.007291667
## 3550          0.000000           7           37.000000 0.083333333
## 3551          0.000000          29         1721.125000 0.042528736
## 3552         76.000000          70         3345.685836 0.002515091
## 3553          0.000000          29          809.166667 0.017857143
## 3554          0.000000          10          466.750000 0.000000000
## 3555          0.000000          35         1513.000000 0.040000000
```

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## 3556          0.000000          51          769.992857 0.000000000
## 3557          0.000000          11          126.666667 0.072727273
## 3558          0.000000          25          317.500000 0.012500000
## 3559          0.000000           9          389.000000 0.122222222
## 3560          0.000000           2           44.000000 0.000000000
## 3561          0.000000          13          252.000000 0.000000000
## 3562        416.000000         291        12065.181350 0.001226310
## 3563         85.000000          33          616.433333 0.000000000
## 3564          0.000000          10          978.000000 0.000000000
## 3565          0.000000          16          487.666667 0.000000000
## 3566          0.000000           3           60.000000 0.000000000
## 3567          0.000000           1            0.000000 0.200000000
## 3568          0.000000          23          647.500000 0.028571429
## 3569          0.000000          14          204.500000 0.046153846
## 3570          0.000000          10           72.000000 0.080000000
## 3571          0.000000          18          143.850000 0.000000000
## 3572          0.000000           5          258.083333 0.004545455
## 3573          0.000000           7           99.700000 0.000000000
## 3574          0.000000           7          277.000000 0.044444444
## 3575       1779.166667          12         1886.500000 0.007017544
## 3576          0.000000          80         1987.533333 0.035000000
## 3577          0.000000          17          391.866667 0.000000000
## 3579          0.000000          83          791.955952 0.013636364
## 3580          0.000000           9          127.500000 0.000000000
## 3581          0.000000          38         2259.200000 0.022222222
## 3582        109.000000          23         1232.733333 0.000000000
## 3583          0.000000          30         1018.000000 0.000000000
## 3584          0.000000          29         1397.500000 0.011555556
## 3585          0.000000          18          292.500000 0.013888889
## 3586          0.000000          11          183.500000 0.000000000
## 3587        134.333333          16          765.445454 0.006666667
## 3588          0.000000          20         1006.666667 0.000000000
## 3589          0.000000          12          764.750000 0.000000000
## 3590          0.000000           2           61.000000 0.000000000
## 3591          0.000000          48         1304.666667 0.016666667
## 3592         75.000000          67         1336.554221 0.000000000
## 3593          0.000000          12          336.800000 0.000000000
## 3594          0.000000           8          183.000000 0.000000000
## 3595          0.000000          19          813.100000 0.000000000
## 3596          0.000000           2            0.000000 0.200000000
## 3597          0.000000          21          664.333333 0.000000000
## 3598          0.000000           1            0.000000 0.200000000
## 3599          0.000000           6          655.000000 0.033333333
## 3600          0.000000          10          343.000000 0.000000000
## 3601          3.000000          51         5407.788889 0.001923077
## 3602          0.000000          18          691.500000 0.000000000
## 3603         88.000000         114         3772.405525 0.000000000
## 3604          0.000000           4           24.500000 0.022222222
## 3605         17.000000          27         2154.723810 0.036781609
## 3606          0.000000          22          883.000000 0.133333333
## 3607          0.000000           4           33.000000 0.100000000
## 3608          0.000000          14          632.000000 0.028571429
## 3609          0.000000           3           25.000000 0.066666667
## 3610          0.000000          14          180.500000 0.085714286
```

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## 3611          0.000000          9          73.666667 0.000000000
## 3612          0.000000         26        1097.050000 0.000000000
## 3613          0.000000         10         611.000000 0.020000000
## 3614          0.000000         20         413.000000 0.011111111
## 3615          0.000000         20         724.133333 0.074074074
## 3616          0.000000          7         441.000000 0.020000000
## 3617          0.000000         65        1803.584127 0.023794872
## 3618          0.000000         11         855.250000 0.018181818
## 3619          0.000000          9         466.666667 0.000000000
## 3620         15.000000         38        2311.090909 0.004651163
## 3621          0.000000         15         309.800000 0.000000000
## 3622          0.000000         27         889.000000 0.021428571
## 3623          0.000000          9          78.250000 0.077777778
## 3624          0.000000         11         142.166667 0.020000000
## 3625          0.000000          5          57.000000 0.000000000
## 3626          0.000000         22         647.666667 0.009090909
## 3627        323.000000         14         836.833333 0.000000000
## 3628          0.000000         18         133.000000 0.038888889
## 3629         37.500000         71        1145.571429 0.000000000
## 3630          0.000000         15         984.000000 0.015384615
## 3631        101.500000         53        2797.213095 0.004098361
## 3632          0.000000          2           0.000000 0.200000000
## 3633          0.000000          3         108.000000 0.000000000
## 3634          0.000000          4          34.000000 0.000000000
## 3635          0.000000          6         399.000000 0.033333333
## 3636         53.000000         16         388.744444 0.000000000
## 3637        166.000000         67        3872.509420 0.039495923
## 3638          0.000000          4          59.000000 0.125000000
## 3639          0.000000         36         818.500000 0.007894737
## 3640          0.000000         57        4115.233333 0.003508772
## 3641          0.000000         10         146.766667 0.000000000
## 3642          0.000000         17         212.833333 0.041176471
## 3643          0.000000         66        3268.075758 0.005882353
## 3644          0.000000         17         295.000000 0.011764706
## 3645          0.000000          8         261.600000 0.000000000
## 3646          0.000000          3          62.000000 0.100000000
## 3647         86.000000         25         413.722222 0.000000000
## 3648          0.000000         13        1005.000000 0.000000000
## 3649          0.000000         54        2222.900000 0.003703704
## 3650          0.000000          1           0.000000 0.200000000
## 3652          0.000000         21         467.952381 0.047619048
## 3653          0.000000         13         531.000000 0.033333333
## 3654          0.000000          4         142.000000 0.000000000
## 3655          0.000000          3          86.000000 0.000000000
## 3656          0.000000         20         870.666667 0.000000000
## 3657          0.000000          7        1010.166667 0.028571429
## 3658          0.000000          9          27.500000 0.044444444
## 3659          0.000000         72        1353.115146 0.002857143
## 3660          0.000000         26         542.166667 0.008333333
## 3661          0.000000         28         623.966667 0.023214286
## 3662          0.000000          4         123.000000 0.000000000
## 3663          0.000000          2          19.000000 0.000000000
## 3665          0.000000         12         375.000000 0.000000000
## 3666          0.000000         18         782.500000 0.000000000
```

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## 3667          0.000000          7          442.166667 0.000000000
## 3668         41.000000         36          696.402778 0.000000000
## 3669         39.000000         14          443.208333 0.012000000
## 3670        313.000000          6          135.500000 0.028571429
## 3671          0.000000         23          213.500000 0.100000000
## 3672          0.000000          2          262.000000 0.100000000
## 3673          0.000000          5         1144.000000 0.120000000
## 3674          0.000000          2           16.000000 0.000000000
## 3675          0.000000         23          251.333333 0.000000000
## 3676          0.000000         13          171.500000 0.019230769
## 3677          0.000000         22          892.000000 0.000000000
## 3678          0.000000          1            0.000000 0.200000000
## 3679          0.000000         59          468.191667 0.000000000
## 3680          0.000000          7          180.000000 0.028571429
## 3681          0.000000         60         1993.915257 0.005970149
## 3682          0.000000         17          174.833333 0.017647059
## 3683        246.000000         39         1501.333333 0.000000000
## 3684          0.000000         14          121.000000 0.092857143
## 3685          0.000000         39         1584.044444 0.000000000
## 3686          0.000000         25          438.075000 0.008000000
## 3687          7.000000         25          687.533333 0.013793103
## 3688          0.000000         12          103.000000 0.133333333
## 3689          0.000000         29          826.850000 0.007142857
## 3690        348.000000        172         4086.144897 0.000555556
## 3691          0.000000         10          894.666667 0.000000000
## 3692          0.000000         29         1858.733333 0.025806452
## 3693          0.000000         24          368.333333 0.092592593
## 3694          0.000000          3            6.000000 0.066666667
## 3695          0.000000          8          211.333333 0.000000000
## 3696          0.000000         26         1197.666667 0.000000000
## 3697          0.000000          6          671.666667 0.000000000
## 3698          0.000000         36         3473.733333 0.015384615
## 3699          0.000000         16         2515.100000 0.053571429
## 3700          0.000000          6          173.000000 0.012500000
## 3701          0.000000         60          967.250000 0.006779661
## 3702          0.000000          8          388.500000 0.000000000
## 3703          0.000000          7          906.000000 0.000000000
## 3704          0.000000         19          548.883117 0.000000000
## 3705          0.000000          7          262.375000 0.009523810
## 3706         17.000000          8          549.000000 0.022222222
## 3707          0.000000          6         1564.000000 0.044444444
## 3708          0.000000         15          188.500000 0.000000000
## 3709          0.000000         28          884.804062 0.000000000
## 3710          0.000000          4           81.000000 0.000000000
## 3711          0.000000         19         1651.928571 0.024561404
## 3712          0.000000         14          243.833333 0.000000000
## 3713          0.000000          7           54.500000 0.000000000
## 3714       1131.000000         46         5492.366667 0.019090909
## 3715          0.000000          7          151.500000 0.000000000
## 3716          0.000000         60          731.333333 0.034920635
## 3717          0.000000         39         1752.942857 0.020075188
## 3718          0.000000         13          195.000000 0.000000000
## 3719          0.000000          7          274.250000 0.012500000
## 3720        335.000000         33         3583.166667 0.020000000
```

```
## 3721          0.000000          13          474.681818 0.015384615
## 3723          0.000000           4           79.000000 0.000000000
## 3724          0.000000           9           71.750000 0.000000000
## 3725          0.000000          66         6100.527778 0.010606061
## 3726         15.000000          93         3646.278788 0.017204301
## 3727          0.000000          11          778.000000 0.018181818
## 3728          2.500000          14          592.566667 0.013333333
## 3729          0.000000          23          343.666667 0.025000000
## 3730          0.000000          28         1249.628205 0.000000000
## 3731          0.000000           7         1260.666667 0.057142857
## 3732         55.000000          38         1377.409524 0.000877193
## 3733        104.000000          15          675.833333 0.000000000
## 3734          0.000000          18         1259.000000 0.010526316
## 3735          0.000000          16         1472.000000 0.016666667
## 3736          0.000000           6          219.500000 0.011111111
## 3737          0.000000          28         2394.000000 0.033333333
## 3738          0.000000          29          364.166667 0.020689655
## 3739          0.000000           6          190.400000 0.042857143
## 3740          0.000000          14          253.166667 0.014285714
## 3741          0.000000          49          579.583333 0.000000000
## 3742          0.000000           9          953.833333 0.000000000
## 3743          0.000000           7          297.000000 0.028571429
## 3744          0.000000          21          597.333333 0.090476190
## 3745          0.000000         105         2900.638469 0.009433962
## 3746          0.000000          15          304.500000 0.000000000
## 3747          0.000000           3           55.000000 0.066666667
## 3748          0.000000           7          934.000000 0.000000000
## 3749          0.000000          16         1098.000000 0.017647059
## 3750        140.833333          65         5478.530087 0.009523810
## 3751          0.000000          37         1873.166667 0.000000000
## 3752          0.000000          72         2129.333333 0.000000000
## 3753         20.000000          39         1721.872725 0.009740260
## 3754          0.000000          14          655.166667 0.000000000
## 3755          0.000000          31         1008.416667 0.000000000
## 3756          0.000000           1            0.000000 0.200000000
## 3757         16.000000          33          504.000000 0.006060606
## 3758        201.000000          14         1033.066667 0.012500000
## 3759         51.000000          16          463.416667 0.000000000
## 3760          0.000000         217         4153.276587 0.000070900
## 3761          0.000000          23          456.333333 0.043478261
## 3762          0.000000           7           84.333333 0.052380952
## 3763          0.000000           4           56.500000 0.050000000
## 3764          0.000000           7          128.333333 0.000000000
## 3765          0.000000          32         1205.583333 0.006451613
## 3766         16.000000         187         4987.688889 0.003108808
## 3767          0.000000           2           33.000000 0.000000000
## 3768          0.000000          30         1845.333333 0.027083333
## 3769          0.000000          36         1195.726923 0.013725490
## 3770          0.000000          31          457.404780 0.000000000
## 3771          0.000000           3           69.000000 0.000000000
## 3772          0.000000          12          189.666667 0.015384615
## 3773         37.500000          25          788.266667 0.007142857
## 3774         17.000000          21         1647.500000 0.000000000
## 3775          0.000000          24         1483.333333 0.008333333
```

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## 3776          0.000000          5          50.000000 0.160000000
## 3777          0.000000         12         304.750000 0.000000000
## 3778          0.000000          2        1207.000000 0.000000000
## 3779          0.000000          8         123.000000 0.000000000
## 3780         27.000000         21         893.450000 0.017391304
## 3781          0.000000          6         794.500000 0.000000000
## 3782         25.000000         31        2725.000000 0.010909091
## 3783          0.000000         22         746.166667 0.000000000
## 3784          0.000000          1           0.000000 0.200000000
## 3785          0.000000         14         433.833333 0.039285714
## 3786          0.000000          6           4.000000 0.142857143
## 3787         58.000000          6         311.500000 0.000000000
## 3788          0.000000          7         123.500000 0.000000000
## 3789          0.000000        159        1905.652754 0.004113924
## 3790          0.000000          5         162.500000 0.040000000
## 3791          0.000000          4          61.000000 0.000000000
## 3792          0.000000         15         304.166667 0.000000000
## 3793          0.000000         20         301.500000 0.028571429
## 3794          0.000000          7         210.000000 0.000000000
## 3795          0.000000          7         102.000000 0.066666667
## 3796          0.000000         38        2246.166667 0.016923077
## 3797          0.000000          4        2210.500000 0.000000000
## 3798          0.000000         13         417.000000 0.000000000
## 3799          0.000000          2         689.000000 0.000000000
## 3800          0.000000         15         789.666667 0.000000000
## 3801          0.000000          6         549.000000 0.000000000
## 3802         42.000000         32         879.916667 0.021951220
## 3803          0.000000          3         202.833333 0.000000000
## 3804          0.000000         25         506.766667 0.017391304
## 3805          0.000000         20         806.500000 0.010000000
## 3806          0.000000         54        1835.066667 0.003773585
## 3807          0.000000        115        5016.351205 0.006837607
## 3808          0.000000         79        5664.146032 0.045356473
## 3809          0.000000         11         126.500000 0.015476190
## 3810          0.000000         97        7515.583333 0.004166667
## 3811         87.000000         26         485.833333 0.008000000
## 3812          0.000000         72        1248.242262 0.000000000
## 3813          0.000000         38        1485.566667 0.006818182
## 3814          0.000000          4          67.000000 0.000000000
## 3815          0.000000         57        2816.553070 0.000000000
## 3816          0.000000         24        3209.000000 0.008695652
## 3817          0.000000         13         136.000000 0.142857143
## 3818        176.000000         37        1420.733333 0.000000000
## 3819          0.000000          5         108.000000 0.000000000
## 3820          0.000000          8         152.000000 0.037500000
## 3821          0.000000         10         347.000000 0.000000000
## 3822          0.000000          3          45.333333 0.000000000
## 3823         37.000000         15         287.291667 0.000000000
## 3824        222.000000         21         654.500000 0.000000000
## 3825          0.000000          8         202.833333 0.000000000
## 3826          0.000000         10        1580.000000 0.000000000
## 3827          0.000000         81        2071.000000 0.012345679
## 3828          0.000000         16         190.750000 0.000000000
## 3829          0.000000         18         813.800000 0.010526316
```

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## 3830          0.000000          9          76.000000 0.000000000
## 3831          0.000000         56        4377.983333 0.004285714
## 3832          0.000000          8         162.500000 0.000000000
## 3833         16.000000         18         463.500000 0.000000000
## 3834          0.000000         17         182.000000 0.000000000
## 3835        134.000000         31         519.916667 0.000000000
## 3836          0.000000         31         618.000000 0.000000000
## 3837          0.000000          7         193.333333 0.028571429
## 3838          0.000000         37        1296.942857 0.013888889
## 3839          0.000000          3          20.000000 0.000000000
## 3840          0.000000          2         157.000000 0.000000000
## 3841          0.000000         16         305.428571 0.000000000
## 3842          0.000000          8          65.000000 0.025000000
## 3843          0.000000         36         440.600000 0.011111111
## 3844          0.000000          4          61.000000 0.000000000
## 3845          0.000000          7        1689.000000 0.028571429
## 3846          0.000000          2          17.000000 0.000000000
## 3847         13.000000         57        1518.903694 0.000000000
## 3848          0.000000         16         727.714286 0.038888889
## 3849          0.000000         24         302.983333 0.018181818
## 3850          0.000000         55        2831.561111 0.000000000
## 3851          0.000000         20         480.857143 0.001754386
## 3852          0.000000          6          82.000000 0.150000000
## 3853          0.000000         57        1575.216667 0.006896552
## 3854         13.000000         55        1546.503822 0.015577078
## 3855          0.000000          2           0.000000 0.200000000
## 3856         47.666667         34         944.297619 0.000000000
## 3857          0.000000          6         186.000000 0.000000000
## 3858         54.000000         25         796.300000 0.000000000
## 3859          0.000000         17          65.000000 0.047058824
## 3860          0.000000         26        1035.821429 0.003846154
## 3861          0.000000         20         298.500000 0.010000000
## 3862          0.000000          1         612.000000 0.000000000
## 3863          0.000000        141        2886.523521 0.004316547
## 3864        500.000000         88        2663.823810 0.008163265
## 3865        161.500000         60        2789.166667 0.000000000
## 3866          0.000000         33         982.000000 0.000000000
## 3867          0.000000         13         295.666667 0.014285714
## 3868          0.000000         26        3242.000000 0.005555556
## 3869          0.000000         50        1735.595238 0.000000000
## 3870          0.000000         13         908.500000 0.000000000
## 3871          0.000000          1           0.000000 0.200000000
## 3872          0.000000         56        2094.983333 0.032738095
## 3873          0.000000         27         608.400000 0.014814815
## 3874          0.000000          7         203.666667 0.000000000
## 3875          0.000000         85        3731.079365 0.014942529
## 3876          9.307692         49        1042.416667 0.012000000
## 3877        231.700000         24        1034.583333 0.000000000
## 3878          0.000000         12         590.833333 0.010000000
## 3879         61.000000         17         819.000000 0.000000000
## 3880          0.000000          6         127.000000 0.000000000
## 3881        313.000000         65        2091.662821 0.012206573
## 3882          0.000000         80        3279.407576 0.018750000
## 3883          0.000000         41         896.066667 0.000000000
```

```
## 3884          0.000000          5          309.000000 0.050000000
## 3885         29.500000         59         1609.313889 0.010447761
## 3886          0.000000         31          887.916667 0.038709677
## 3887          0.000000         16          462.733333 0.012500000
## 3888          0.000000          3          313.000000 0.000000000
## 3889         60.000000         24         1192.500000 0.015151515
## 3890         13.000000         73         3085.007143 0.008333333
## 3891          0.000000         14          260.200000 0.000000000
## 3893          0.000000         43         1425.183333 0.004651163
## 3894          0.000000          4          137.000000 0.000000000
## 3895          0.000000         68          746.800000 0.002941176
## 3896          0.000000         23         1193.000000 0.000000000
## 3897          0.000000         85         2387.990657 0.000000000
## 3898          0.000000        133         3068.922487 0.004890511
## 3899          0.000000         59         3096.375000 0.007526882
## 3900          0.000000         19         1040.200000 0.000000000
## 3901          0.000000          6          180.166667 0.000000000
## 3902          0.000000          3          140.000000 0.066666667
## 3903          0.000000          9         1217.200000 0.033333333
## 3904          0.000000          7           80.500000 0.028571429
## 3905          0.000000         41         3272.000000 0.045238095
## 3906          0.000000          6          262.000000 0.000000000
## 3907          0.000000         31         1075.759524 0.000000000
## 3908          0.000000         11          399.666667 0.054545455
## 3909          0.000000          8          166.166667 0.000000000
## 3910          0.000000          1            0.000000 0.200000000
## 3911          0.000000          5           77.666667 0.000000000
## 3912          0.000000         16          641.500000 0.000000000
## 3913          0.000000        156         5432.836783 0.010009921
## 3914          0.000000          3            0.000000 0.200000000
## 3915         29.000000          3          380.000000 0.000000000
## 3916          0.000000         53         1556.600000 0.000000000
## 3917        109.000000         33          752.459208 0.002777778
## 3918          0.000000        111         2451.869048 0.000000000
## 3919          0.000000         36          777.217532 0.029166667
## 3920          0.000000         35         1295.916667 0.004166667
## 3921          0.000000         26         1222.333333 0.000000000
## 3922          0.000000         15          528.000000 0.026666667
## 3923          6.000000         84         1212.030303 0.005102041
## 3924          0.000000         49          783.450000 0.000000000
## 3925          0.000000         59         2574.725974 0.003508772
## 3926          0.000000          3           52.000000 0.100000000
## 3927          0.000000          4          151.000000 0.000000000
## 3928          0.000000          2          648.000000 0.000000000
## 3929          0.000000          6          114.000000 0.000000000
## 3930          0.000000         68         2277.377056 0.009758454
## 3931        707.500000         51         3981.892484 0.003389831
## 3932          0.000000         14          222.666667 0.080000000
## 3933          0.000000          1            0.000000 0.200000000
## 3934          0.000000          5          200.000000 0.000000000
## 3935         49.000000         25         2454.450000 0.000000000
## 3936          0.000000        108         1479.083333 0.001785714
## 3937        258.000000         61         5233.590476 0.009090909
## 3938          0.000000        106         3156.501914 0.000628931
```

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## 3939          0.000000          20          525.666667 0.000000000
## 3940          0.000000          19          341.366667 0.000000000
## 3941          0.000000           3           18.000000 0.033333333
## 3942          0.000000          13          152.333333 0.023931624
## 3943          0.000000          13          231.500000 0.015384615
## 3944          0.000000           2           13.000000 0.000000000
## 3945          0.000000          29          619.400000 0.000000000
## 3946          0.000000           7           58.000000 0.028571429
## 3947        222.000000          25         1545.833333 0.007692308
## 3948          0.000000          46         1525.666667 0.000000000
## 3949          0.000000           1            0.000000 0.200000000
## 3950          0.000000          25         1838.500000 0.004000000
## 3951          0.000000           2           19.000000 0.000000000
## 3952          0.000000          10          693.500000 0.000000000
## 3953          0.000000          34         1337.245455 0.013750000
## 3954         21.000000          18         2199.972222 0.009523810
## 3955          0.000000           2            0.000000 0.200000000
## 3956         31.000000          18          374.380952 0.000000000
## 3957          0.000000           1            0.000000 0.200000000
## 3958          0.000000          12          819.916667 0.005555556
## 3959          0.000000          16          953.500000 0.000000000
## 3960          0.000000           3           34.000000 0.000000000
## 3961          0.000000          10          240.500000 0.000000000
## 3962          0.000000         104         4877.257071 0.003921569
## 3963          0.000000          12          404.000000 0.000000000
## 3964         74.000000           6           83.500000 0.000000000
## 3965          0.000000          10           89.333333 0.000000000
## 3966          0.000000           7          380.000000 0.014285714
## 3967        120.000000          87         1363.263492 0.004301075
## 3968         64.000000          52         1859.083333 0.010344828
## 3969          0.000000           7           35.000000 0.114285714
## 3970        482.333333          44         2453.750000 0.000000000
## 3971          0.000000           8          135.833333 0.000000000
## 3972          0.000000           8          165.800000 0.022222222
## 3973          0.000000          10           68.000000 0.018181818
## 3974          0.000000          20          196.833333 0.040000000
## 3975          0.000000          14          207.166667 0.042857143
## 3976          0.000000          15          197.000000 0.000000000
## 3977          0.000000          26          535.466667 0.000000000
## 3978          0.000000          21         1342.500000 0.010000000
## 3979          0.000000          11          224.000000 0.016666667
## 3980          0.000000          29          520.600000 0.015172414
## 3981          0.000000          17          290.833333 0.000000000
## 3982          0.000000          17          538.966667 0.000000000
## 3983          0.000000           4          112.000000 0.000000000
## 3984          0.000000          36          319.500000 0.047777778
## 3985          0.000000           1            0.000000 0.200000000
## 3986          0.000000           3           14.000000 0.155555556
## 3987          0.000000          12          168.285714 0.000000000
## 3988          0.000000          79         1562.866667 0.017721519
## 3989          0.000000           5          310.500000 0.000000000
## 3990          0.000000          19          411.800000 0.021052632
## 3991          0.000000          66         1706.712281 0.000000000
## 3992          0.000000          19         1431.666667 0.000000000
```

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## 3993          0.000000          0          0.000000 0.200000000
## 3994          0.000000         47       1230.368182 0.004347826
## 3995          0.000000         12        259.500000 0.008333333
## 3996         20.000000         31        960.833333 0.007843137
## 3997          0.000000          2         21.000000 0.000000000
## 3998          0.000000         10        673.000000 0.015384615
## 3999         18.000000         53       2130.025000 0.000000000
## 4000          0.000000          7        204.500000 0.000000000
## 4001          0.000000        136       4569.904365 0.000000000
## 4002          0.000000          3         15.000000 0.000000000
## 4003          0.000000         13       1496.833333 0.000000000
## 4004          0.000000          2         17.000000 0.000000000
## 4005          4.000000         17        319.000000 0.000000000
## 4006          0.000000          8        376.333333 0.000000000
## 4007          0.000000         24        805.000000 0.000000000
## 4008          0.000000         41        506.716667 0.004444444
## 4009          0.000000          2          3.000000 0.000000000
## 4010          0.000000         17        596.083333 0.000000000
## 4011          0.000000          1        102.000000 0.000000000
## 4012          0.000000         10        313.333333 0.046969697
## 4013          0.000000         22        452.583333 0.000000000
## 4014        148.000000         24        377.500000 0.006666667
## 4015          0.000000         51       1620.183333 0.004313725
## 4016          0.000000          3         18.000000 0.000000000
## 4017          0.000000         41        963.000000 0.000000000
## 4018          0.000000          0          0.000000 0.000000000
## 4019          0.000000         11        327.666667 0.033333333
## 4020          0.000000          6         45.333333 0.033333333
## 4021          0.000000         29        743.166667 0.000000000
## 4022          0.000000         22        679.500000 0.000000000
## 4023          0.000000          6         34.000000 0.133333333
## 4024          0.000000         55       2598.991667 0.003278689
## 4025          0.000000          2         53.000000 0.000000000
## 4026          0.000000         36       1266.500000 0.038888889
## 4027         82.000000         33        813.388889 0.028205128
## 4028        417.000000         67       6483.775000 0.003750000
## 4029          0.000000          4        206.500000 0.000000000
## 4030         22.000000         16        408.250000 0.000000000
## 4031        194.000000         93       3646.966667 0.005154639
## 4032          0.000000         26       2058.500000 0.000000000
## 4033          0.000000         50       1115.459524 0.007843137
## 4034          0.000000          2         19.000000 0.000000000
## 4035          0.000000          5        259.000000 0.000000000
## 4036          0.000000         23        831.690476 0.004166667
## 4037          0.000000         10        126.833333 0.040000000
## 4038          0.000000         24       1365.500000 0.002777778
## 4039          0.000000         52       1624.223485 0.007692308
## 4040          0.000000          2          0.000000 0.200000000
## 4041          0.000000         20       1511.000000 0.000000000
## 4042          0.000000         26        364.666667 0.065384615
## 4043         56.000000         29       1073.500000 0.000000000
## 4044          0.000000         24        957.900000 0.025000000
## 4045          0.000000          5        134.000000 0.020000000
## 4046          0.000000         38       1608.500000 0.005263158
```

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## 4047          9.000000          17        1075.713095 0.011111111
## 4048          0.000000          16         994.575758 0.037500000
## 4049          0.000000          29        1137.166667 0.000000000
## 4050        320.500000          20        2039.000000 0.000000000
## 4051          0.000000           8         222.000000 0.000000000
## 4052          0.000000           4         108.000000 0.000000000
## 4053         12.000000          54        1603.333333 0.005084746
## 4054          0.000000           3           0.000000 0.200000000
## 4055          0.000000           6          56.500000 0.066666667
## 4056          0.000000          19         522.000000 0.021052632
## 4057         22.000000          87        2531.060479 0.006896552
## 4058          0.000000          33         601.971429 0.006451613
## 4059          0.000000          18         862.000000 0.044444444
## 4060          0.000000          26        1840.666667 0.008000000
## 4061          0.000000          85        2299.391667 0.003065134
## 4062         24.000000          80        5426.022078 0.012874780
## 4063        114.500000         129        3098.912088 0.000000000
## 4064          0.000000           3           8.000000 0.000000000
## 4065          0.000000          19         337.166667 0.000000000
## 4066          0.000000          74        2326.666667 0.000000000
## 4067          0.000000           4          64.000000 0.000000000
## 4068          0.000000          31         736.783333 0.000000000
## 4069          0.000000          32        1123.691667 0.002702703
## 4070          0.000000          50        1232.026840 0.000000000
## 4071          0.000000          32        1367.630952 0.008928571
## 4072          0.000000           4          39.000000 0.000000000
## 4073        215.000000          33        1887.694444 0.008571429
## 4074          0.000000           5          48.000000 0.080000000
## 4075       1222.750000          11         443.000000 0.035294118
## 4076         39.000000          46        1388.866667 0.004166667
## 4077          0.000000          18        1107.466667 0.022222222
## 4078          0.000000          81        2533.833333 0.002531646
## 4079          0.000000           2          51.000000 0.000000000
## 4080          0.000000           3           9.000000 0.066666667
## 4081          0.000000          23         637.500000 0.000000000
## 4082          0.000000          24         669.916667 0.000000000
## 4083          3.000000          29        1005.946429 0.006666667
## 4084          0.000000          24        1270.166667 0.013043478
## 4085          0.000000          14         186.166667 0.021052632
## 4086          0.000000           8         140.500000 0.025000000
## 4087          0.000000           9         147.000000 0.022222222
## 4088          0.000000          20         769.500000 0.000000000
## 4089          0.000000           1           0.000000 0.200000000
## 4090          0.000000          20         973.583333 0.009523810
## 4091         40.000000          12         306.333333 0.028571429
## 4092          0.000000           2          10.000000 0.000000000
## 4093          0.000000          60        3386.000000 0.025333333
## 4094          0.000000           8         117.666667 0.000000000
## 4095          0.000000           1           0.000000 0.200000000
## 4096          0.000000           9         143.500000 0.000000000
## 4097          0.000000          11        1160.000000 0.000000000
## 4098          0.000000          32        1324.666667 0.056666667
## 4099          0.000000          22        1058.189474 0.000000000
## 4100          0.000000          29         354.833333 0.000000000
```

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## 4101          0.000000          53        2241.500000 0.003846154
## 4102          0.000000          37         518.000000 0.000000000
## 4103          0.000000          11         764.500000 0.015384615
## 4104          0.000000          17         582.400000 0.066666667
## 4105          0.000000           3          25.500000 0.000000000
## 4106        298.666667          13         798.535714 0.000000000
## 4107          0.000000          25         629.500000 0.000000000
## 4108          0.000000           8         623.076923 0.000000000
## 4109        618.000000         129        6657.151362 0.010917582
## 4110         41.000000          89        2213.819048 0.013541667
## 4111          0.000000          41         647.816667 0.012500000
## 4112          0.000000          13         645.500000 0.000000000
## 4113          0.000000          41        1221.138095 0.000000000
## 4114          0.000000          34         606.785714 0.017647059
## 4115        151.000000         180        4773.335638 0.000537634
## 4116          0.000000         135        3700.495815 0.004662005
## 4117         30.666667          13         307.571429 0.013333333
## 4118          0.000000           3         293.500000 0.000000000
## 4119          0.000000          24         747.400000 0.028985507
## 4120         53.000000          37        1578.000000 0.000000000
## 4121          0.000000          64        1810.966667 0.003174603
## 4122          0.000000           4         118.000000 0.000000000
## 4123          0.000000           8         710.000000 0.000000000
## 4124          0.000000           4          87.500000 0.000000000
## 4125          0.000000          10         338.500000 0.000000000
## 4126          0.000000           9         237.333333 0.000000000
## 4127          0.000000          27         190.250000 0.016000000
## 4128          0.000000          11         500.000000 0.000000000
## 4129          0.000000           2          54.000000 0.050000000
## 4130          0.000000          53        2544.166667 0.006172840
## 4131        514.000000          79        2605.702273 0.000000000
## 4132          0.000000           8         296.550000 0.000000000
## 4133          0.000000          11         143.000000 0.000000000
## 4134          0.000000           5         426.000000 0.000000000
## 4135          0.000000          20         598.778571 0.000000000
## 4136          0.000000           9         120.000000 0.022222222
## 4137          0.000000           1           0.000000 0.200000000
## 4138          0.000000          19         885.125000 0.021052632
## 4139          0.000000           3          48.000000 0.066666667
## 4140          0.000000          27         783.250000 0.014814815
## 4141          0.000000          17         451.000000 0.062500000
## 4142          0.000000          15         259.666667 0.000000000
## 4143          0.000000           1           0.000000 0.200000000
## 4144          0.000000          11         177.404762 0.016666667
## 4145          0.000000           5          24.000000 0.000000000
## 4146          0.000000           6          99.000000 0.066666667
## 4147        460.000000          46        1900.896078 0.017156863
## 4148          0.000000          21        1296.716667 0.000000000
## 4149         11.000000          35         926.669048 0.016666667
## 4150          0.000000           2          15.000000 0.000000000
## 4151         60.000000         110        5343.049577 0.008771930
## 4152          0.000000          26        1296.183333 0.036781609
## 4153          0.000000           1           0.000000 0.200000000
## 4154          0.000000          34        1159.666667 0.005714286
```

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## 4155          0.000000          24          496.666667 0.000000000
## 4156          0.000000          65          624.624896 0.000000000
## 4157          0.000000           9          177.333333 0.066666667
## 4158        218.000000          91         2869.788095 0.002000000
## 4159          0.000000           6          210.200000 0.055555556
## 4160          0.000000           5          377.000000 0.000000000
## 4161         53.000000           8          667.666667 0.000000000
## 4162          0.000000          13          350.833333 0.000000000
## 4163          0.000000         124         3394.130159 0.001587302
## 4165          0.000000           7           70.000000 0.000000000
## 4166          0.000000          17          545.500000 0.000000000
## 4167          0.000000          33         1324.616667 0.009677419
## 4168          0.000000           8            5.000000 0.150000000
## 4169          0.000000           5          322.000000 0.000000000
## 4170         12.000000          44         1373.950000 0.000000000
## 4171          0.000000           2            0.000000 0.200000000
## 4172          0.000000          12          655.000000 0.036363636
## 4173          0.000000          45          939.633333 0.012500000
## 4174          0.000000          40         3970.700000 0.005555556
## 4175          2.000000          43         2325.611905 0.009523810
## 4176          0.000000           2           70.000000 0.000000000
## 4177          0.000000          12           99.000000 0.176923077
## 4178          0.000000           6           90.750000 0.022222222
## 4179          0.000000           2            0.000000 0.200000000
## 4180          0.000000           6          209.000000 0.000000000
## 4181         42.000000          25          443.250000 0.006451613
## 4182          0.000000          46         1044.800000 0.017021277
## 4184          0.000000          34          783.566667 0.000000000
## 4185          0.000000          43         2124.833333 0.000000000
## 4186          0.000000          19          402.716667 0.000000000
## 4187          0.000000           1            0.000000 0.200000000
## 4188         29.000000          28          557.404762 0.013793103
## 4189          0.000000           7           34.000000 0.114285714
## 4190          0.000000          35          573.000000 0.000000000
## 4191          0.000000          53         1062.749495 0.007843137
## 4192          0.000000          66         1231.200000 0.006280193
## 4193          0.000000           7           98.333333 0.028571429
## 4194         11.500000         129         5293.824709 0.005072464
## 4195          0.000000          77         1230.312302 0.000000000
## 4196          0.000000          18          498.333333 0.010000000
## 4197          0.000000          15          225.000000 0.000000000
## 4198          0.000000          28          710.908333 0.006451613
## 4199          0.000000          18          356.500000 0.012500000
## 4200        160.500000          26         1975.633333 0.017647059
## 4201          0.000000          21          248.833333 0.010000000
## 4202          2.000000          12         1311.000000 0.053333333
## 4203          0.000000          22         2473.250000 0.009090909
## 4204          0.000000           6           72.000000 0.000000000
## 4205          0.000000           7          110.750000 0.000000000
## 4206          0.000000           6          110.000000 0.011111111
## 4207         37.000000          34          581.226191 0.023809524
## 4208          0.000000          39         1634.095238 0.000000000
## 4209          0.000000          18          473.750000 0.037500000
## 4210          0.000000          16          602.000000 0.014705882
```

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## 4211          0.000000          1          13.000000 0.000000000
## 4212          0.000000         49        4651.033333 0.020000000
## 4213          0.000000         76        2854.783333 0.005866667
## 4214          0.000000          7         224.000000 0.066666667
## 4215          0.000000          7         701.000000 0.000000000
## 4216          0.000000         24         506.166667 0.021333333
## 4217          0.000000         15         791.000000 0.000000000
## 4218          0.000000         22         401.166667 0.000000000
## 4219          0.000000          6         102.000000 0.000000000
## 4220          0.000000         26         852.766667 0.001923077
## 4221          0.000000         36        2670.869444 0.000000000
## 4222          0.000000          6         105.000000 0.066666667
## 4223         31.000000         32         898.171429 0.000000000
## 4224          0.000000         20         243.416667 0.000000000
## 4225          0.000000          1           0.000000 0.200000000
## 4226          0.000000          8         191.000000 0.000000000
## 4227       1258.833333        195        7675.149290 0.001937543
## 4228          0.000000         10         182.166667 0.000000000
## 4229          0.000000         11         547.500000 0.018181818
## 4230         26.000000         51        3540.239394 0.001960784
## 4231         56.000000         35        1386.633333 0.010256410
## 4233          0.000000         32         673.125000 0.006451613
## 4234          0.000000         13         158.333333 0.015384615
## 4235        309.000000         36        1523.416667 0.011742424
## 4236          0.000000         13         151.500000 0.003333333
## 4237          0.000000          3          70.000000 0.000000000
## 4238          0.000000         10         856.333333 0.025000000
## 4239          0.000000         20         289.750000 0.000000000
## 4240          0.000000         64        2555.123810 0.017460317
## 4241          0.000000          1           0.000000 0.200000000
## 4242         27.000000         20         566.500000 0.004761905
## 4243          0.000000         26         453.333333 0.015384615
## 4244          0.000000          4          85.000000 0.000000000
## 4245          0.000000         23         489.250000 0.001739130
## 4246         57.000000         99        6266.208586 0.000000000
## 4247          0.000000          9          88.950000 0.000000000
## 4248          0.000000         32        2423.750000 0.002777778
## 4249          0.000000         33        1606.831818 0.000000000
## 4250          0.000000         19         692.622222 0.000000000
## 4251          0.000000          5          48.500000 0.000000000
## 4252          0.000000         22        2232.500000 0.000000000
## 4253          0.000000          5          90.333333 0.025000000
## 4254       1778.000000        362       13259.293960 0.002883379
## 4255          0.000000          6         149.500000 0.000000000
## 4256          0.000000         12        1638.500000 0.083333333
## 4257          0.000000          4          44.000000 0.025000000
## 4258          0.000000         79        1926.333390 0.015331010
## 4259          0.000000          5          68.000000 0.000000000
## 4260          0.000000         44         845.833333 0.004255319
## 4261         27.000000         68        2950.623810 0.009589041
## 4262          0.000000         23         813.000000 0.016666667
## 4263         10.000000         23        1390.388889 0.000000000
## 4264          0.000000         34        1345.755952 0.005128205
## 4265          0.000000         12         213.500000 0.016666667
```

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## 4266          0.000000          50        1369.750000 0.020408163
## 4267          0.000000           4         138.800000 0.000000000
## 4268          0.000000          49        1164.416667 0.048000000
## 4269          0.000000          85        1740.271008 0.011827957
## 4270         47.000000          36        1994.500000 0.012222222
## 4271          0.000000           3         283.000000 0.066666667
## 4272         41.000000          21         459.666667 0.000000000
## 4273          0.000000          44        1527.166667 0.012765957
## 4274          0.000000          30        1151.200000 0.000000000
## 4275          0.000000          15         266.000000 0.028571429
## 4276          0.000000          29        2061.066667 0.018918919
## 4277          0.000000          21         360.083333 0.000000000
## 4278          0.000000          19         989.333333 0.000000000
## 4279        666.783333          42        1822.841667 0.005769231
## 4280        151.666667          21        2080.750000 0.011904762
## 4281          0.000000          18         407.500000 0.000000000
## 4282          0.000000           8          71.000000 0.022222222
## 4283          0.000000          10         269.000000 0.000000000
## 4284          6.000000          13        2782.750000 0.000000000
## 4285          0.000000          20         285.666667 0.000000000
## 4286        373.000000          36        1381.750000 0.000000000
## 4287          0.000000          64        3289.500000 0.000000000
## 4288          0.000000          15         181.500000 0.012500000
## 4289          0.000000           1           0.000000 0.000000000
## 4290          0.000000           6         117.500000 0.000000000
## 4291          0.000000           8         147.000000 0.033333333
## 4292          0.000000           2           0.000000 0.000000000
## 4293          0.000000           4          19.600000 0.075000000
## 4294          0.000000          24         488.333333 0.000000000
## 4295          0.000000          18         760.000000 0.084210526
## 4296         42.000000          18         401.968254 0.000000000
## 4297          0.000000          14         166.166667 0.028571429
## 4298         40.000000          61        2072.991919 0.005952381
## 4299          0.000000           9          11.000000 0.155555556
## 4300          0.000000          56        2504.413636 0.004918033
## 4301          0.000000          11         488.000000 0.000000000
## 4302         61.000000          66        1505.333333 0.000000000
## 4303          0.000000          74        2763.250000 0.005405405
## 4304          0.000000          21         947.000000 0.010000000
## 4305          0.000000          13         365.750000 0.000000000
## 4306          0.000000          10         450.000000 0.000000000
## 4307          0.000000          14         363.300000 0.019047619
## 4308          0.000000          18        1188.950000 0.000000000
## 4309          0.000000          12         312.033333 0.000000000
## 4310        104.000000           9         244.666667 0.050000000
## 4311          0.000000           7          56.000000 0.000000000
## 4312          0.000000           3          23.000000 0.044444444
## 4313          0.000000          15         338.857143 0.000000000
## 4314          0.000000           9         219.000000 0.030303030
## 4315          0.000000           6         362.000000 0.000000000
## 4316          0.000000           3          74.000000 0.000000000
## 4317        689.833333          96        2964.590278 0.002608696
## 4318          0.000000          44        1820.566667 0.029166667
## 4319          0.000000          35         888.333333 0.005714286
```

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## 4320          0.000000          37          785.383333 0.050000000
## 4321          0.000000           9          154.000000 0.000000000
## 4322         53.000000          29          528.196429 0.000000000
## 4323          0.000000           6          317.500000 0.000000000
## 4324          0.000000          13          177.733333 0.000000000
## 4325          0.000000          22          502.000000 0.000000000
## 4326          0.000000          21         1148.500000 0.000000000
## 4327        163.666667          75        13430.976060 0.002941176
## 4328          0.000000          17          314.000000 0.000000000
## 4329          0.000000           3            0.000000 0.200000000
## 4330          0.000000          28          682.200000 0.001212121
## 4331          0.000000           8          129.000000 0.025000000
## 4332         21.000000          51         1933.898930 0.011259259
## 4333        136.750000          21         1632.733333 0.000000000
## 4334          0.000000          40          737.261905 0.013333333
## 4335          0.000000           2          113.000000 0.000000000
## 4336          0.000000           2            9.000000 0.000000000
## 4337          0.000000           4           36.000000 0.000000000
## 4338          0.000000           5          109.000000 0.000000000
## 4339          0.000000          10          108.000000 0.040000000
## 4340          0.000000          19          722.700000 0.000000000
## 4341          0.000000          27         1058.023810 0.026923077
## 4342          0.000000          45         1456.273810 0.000000000
## 4343          0.000000           2           46.000000 0.000000000
## 4345          0.000000          10          482.500000 0.000000000
## 4346          0.000000           8          262.166667 0.000000000
## 4347        872.000000          77         3909.620363 0.002409639
## 4348          0.000000          14          280.500000 0.025000000
## 4349          0.000000           6          142.500000 0.000000000
## 4350          0.000000           9            0.000000 0.120000000
## 4351          0.000000          13          190.000000 0.000000000
## 4352          0.000000           3           22.500000 0.000000000
## 4353          0.000000          29         1219.516667 0.000000000
## 4354        129.000000          57         4516.588312 0.005000000
## 4355          0.000000          20         1839.833333 0.000000000
## 4356          0.000000          17         1217.430556 0.000000000
## 4357          0.000000           1            0.000000 0.200000000
## 4358          0.000000           3           30.000000 0.000000000
## 4359          0.000000          59         2088.443506 0.006343284
## 4360         23.000000          42         3503.025000 0.005142857
## 4361          0.000000          22         2715.000000 0.000000000
## 4362          0.000000          16          351.750000 0.008888889
## 4363          0.000000          21          819.833333 0.000000000
## 4364          0.000000           9           72.000000 0.022222222
## 4365          0.000000          13          193.500000 0.085714286
## 4366          0.000000           1            0.000000 0.200000000
## 4367          0.000000           7          174.500000 0.042857143
## 4368          0.000000          16          280.500000 0.000000000
## 4369          0.000000           3           95.500000 0.000000000
## 4370          0.000000          17          287.750000 0.073529412
## 4371          0.000000          38         1326.250000 0.013157895
## 4372          0.000000          19          386.850000 0.000000000
## 4373          0.000000          80         4322.779121 0.002272727
## 4374          0.000000          51         1229.166667 0.000000000
```

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## 4376          0.000000          57        4555.023810 0.000000000
## 4377          0.000000           5          67.000000 0.120000000
## 4378          0.000000           4         137.000000 0.150000000
## 4379        985.419048          30        1956.022222 0.003083900
## 4380          0.000000          14         584.333333 0.000000000
## 4381          0.000000          20         497.538889 0.000000000
## 4382       1150.000000          58        5072.395938 0.007667474
## 4383          0.000000          12         115.050000 0.000000000
## 4384          0.000000          27         477.500000 0.005000000
## 4385         83.500000         125        3727.323810 0.000000000
## 4386          0.000000           6          50.000000 0.033333333
## 4387          0.000000          18         668.250000 0.022222222
## 4388          0.000000          19         224.000000 0.000000000
## 4389          0.000000          33         677.950000 0.005714286
## 4390          0.000000          24         364.416667 0.000000000
## 4391          0.000000           1          51.000000 0.000000000
## 4392          0.000000          25         384.157143 0.007407407
## 4393          0.000000          18        1844.416667 0.000000000
## 4394          0.000000          40        1115.878205 0.000000000
## 4395          6.000000           4          12.500000 0.066666667
## 4396          0.000000          21         598.600000 0.000000000
## 4397          0.000000          11        1019.500000 0.022222222
## 4398          0.000000         179        5996.025000 0.010388889
## 4399          0.000000          52        3593.129320 0.007795699
## 4400          0.000000           1           0.000000 0.200000000
## 4401          0.000000          46        1687.850000 0.000000000
## 4402          0.000000         126        3372.826797 0.006250000
## 4403          0.000000          17         392.166667 0.011764706
## 4405          0.000000          20         559.380952 0.000000000
## 4406          0.000000           1           0.000000 0.200000000
## 4407          0.000000           8         142.000000 0.000000000
## 4408          0.000000          19         421.600000 0.068421053
## 4409          0.000000          19         538.200000 0.000000000
## 4410          0.000000           3         208.500000 0.111111111
## 4411          0.000000          62        1471.858333 0.060655738
## 4412         12.000000          15         158.000000 0.000000000
## 4413          0.000000          21         304.275000 0.000000000
## 4414          0.000000           8         182.000000 0.000000000
## 4415          0.000000          46        2425.083333 0.010869565
## 4416          0.000000           3         164.000000 0.000000000
## 4417          0.000000          13         151.000000 0.007692308
## 4418          0.000000           6          45.000000 0.000000000
## 4419          0.000000           6         223.333333 0.000000000
## 4420          0.000000         101        2584.714286 0.011214953
## 4421          0.000000          10          99.000000 0.040000000
## 4422        330.000000           7         169.500000 0.016666667
## 4423          0.000000          27        1739.250000 0.022222222
## 4424         33.000000          19         569.513889 0.023076923
## 4425          0.000000          36        1420.547902 0.015384615
## 4426          0.000000          17         591.250000 0.041176471
## 4428          0.000000           3         167.500000 0.000000000
## 4429          0.000000          18         567.750000 0.000000000
## 4430          0.000000           3         106.500000 0.000000000
## 4431          0.000000          63        2461.250000 0.000000000
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## 4432          0.000000          32        1038.797619 0.000000000
## 4433        331.750000           7         121.000000 0.046153846
## 4434         93.000000          28         724.333333 0.000000000
## 4435          0.000000          37        1238.375000 0.005405405
## 4436          6.000000          50        1306.100000 0.004081633
## 4437          0.000000           8         335.000000 0.025000000
## 4438         21.000000          41        1193.333333 0.000975610
## 4439          0.000000           7         185.000000 0.000000000
## 4440          0.000000          12         497.000000 0.000000000
## 4441          0.000000           6          78.000000 0.050000000
## 4442          0.000000          33        1930.333333 0.012222222
## 4443          0.000000          17        1175.500000 0.000000000
## 4444        516.000000         132        3083.050977 0.001494396
## 4445         23.000000          22         739.066667 0.000000000
## 4446          0.000000          15        1233.250000 0.020000000
## 4447          0.000000          58        1660.354762 0.003519062
## 4448          0.000000           8         459.000000 0.000000000
## 4449          0.000000          15         221.000000 0.000000000
## 4450          5.000000          30        1039.244444 0.005714286
## 4451         53.500000          15         270.571429 0.042105263
## 4452          1.000000          10         384.400000 0.044444444
## 4453          0.000000          19         160.500000 0.000000000
## 4454          0.000000          35         999.000000 0.000000000
## 4455          0.000000          11         228.666667 0.000000000
## 4456          0.000000           3         324.000000 0.000000000
## 4457          0.000000          11        2351.333333 0.000000000
## 4458          0.000000           1           0.000000 0.200000000
## 4459          0.000000          11         501.750000 0.016666667
## 4460          0.000000          20         267.500000 0.022222222
## 4461          0.000000          16        1599.266667 0.000000000
## 4462          0.000000           0           0.000000 0.200000000
## 4463         22.000000          27        2042.250000 0.045977011
## 4465          0.000000          35         990.919118 0.018857143
## 4466          0.000000          10         443.500000 0.000000000
## 4467          0.000000          73        2958.500000 0.005405405
## 4468          0.000000          12         293.500000 0.015384615
## 4469          0.000000           0           0.000000 0.200000000
## 4470          0.000000          30        1307.666667 0.018750000
## 4471          0.000000           5         276.000000 0.000000000
## 4472          0.000000          32        1723.750000 0.006666667
## 4473          0.000000          21         352.416667 0.026923077
## 4474          0.000000          13         135.000000 0.000000000
## 4475          0.000000          10         257.000000 0.000000000
## 4476          0.000000          50        1149.433333 0.012000000
## 4477          0.000000          15         272.333333 0.000000000
## 4478          0.000000           6         364.500000 0.077777778
## 4479          0.000000           4         124.000000 0.000000000
## 4480          0.000000          24         777.000000 0.025000000
## 4481          0.000000           8         726.000000 0.075000000
## 4482          0.000000          13         700.666667 0.000000000
## 4483          0.000000          31        1282.000000 0.031250000
## 4484          0.000000          55        1165.623254 0.013207547
## 4485          0.000000           2         163.000000 0.000000000
## 4486          0.000000          54        3510.416667 0.003571429
```

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## 4487          0.000000          5          58.000000 0.000000000
## 4488          0.000000          9         442.000000 0.000000000
## 4489          0.000000         21         612.750000 0.000000000
## 4491         27.000000         57        1580.600000 0.011475410
## 4492          0.000000         10         129.500000 0.000000000
## 4493          0.000000         10         140.000000 0.040000000
## 4494          0.000000         18        1090.533333 0.008695652
## 4495          0.000000          1          14.000000 0.000000000
## 4496          0.000000         39         743.011905 0.000000000
## 4497          0.000000         28        2228.516667 0.000000000
## 4498          0.000000          2           0.000000 0.200000000
## 4499          0.000000         10         345.250000 0.020000000
## 4500          0.000000          2          14.000000 0.000000000
## 4501         93.000000         15         292.500000 0.000000000
## 4502          0.000000         16         448.500000 0.000000000
## 4503          0.000000         28         852.333333 0.013793103
## 4504          0.000000          4          45.500000 0.000000000
## 4505          0.000000         26        1122.583333 0.027407407
## 4506          0.000000         19         716.950000 0.009523810
## 4507          0.000000         18         412.333333 0.000000000
## 4508          0.000000          1           0.000000 0.200000000
## 4509          0.000000         10         240.416667 0.018181818
## 4510         99.000000         55        3373.015865 0.016438356
## 4511         21.000000         15         498.500000 0.000000000
## 4512          9.000000         25        2852.000000 0.013333333
## 4513          0.000000         15          75.000000 0.080000000
## 4514          0.000000          8         209.250000 0.000000000
## 4515          0.000000         32        3837.500000 0.000000000
## 4516          0.000000         60        1205.945238 0.008823529
## 4517        600.000000        124        5731.094444 0.018346253
## 4518          0.000000         12        1077.000000 0.018181818
## 4519          0.000000         61        1238.066667 0.004761905
## 4520          0.000000         15         728.200000 0.000000000
## 4521         23.000000         70        2218.276547 0.018000000
## 4522        848.416667        113        5882.174206 0.000000000
## 4523          0.000000          4          40.000000 0.000000000
## 4524          0.000000         16         819.166667 0.000000000
## 4525          0.000000          1           0.000000 0.200000000
## 4526          0.000000          1           0.000000 0.200000000
## 4527          0.000000         10         570.500000 0.000000000
## 4528         39.000000         19        1527.607143 0.038095238
## 4529          0.000000         44         831.608333 0.000000000
## 4530          0.000000         21         952.533333 0.000000000
## 4531        102.000000         32         478.500000 0.070588235
## 4532          0.000000          6         197.500000 0.022222222
## 4533          0.000000         55        1699.327668 0.000000000
## 4534          0.000000          6          91.000000 0.000000000
## 4535          0.000000          4          66.000000 0.000000000
## 4536          0.000000          4          47.500000 0.050000000
## 4537          0.000000         16         859.166667 0.000000000
## 4538          0.000000          1           0.000000 0.200000000
## 4539          0.000000         10         103.000000 0.020000000
## 4540          0.000000         28         708.916667 0.000000000
## 4541         43.666667        118        3712.811600 0.003252033
```

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## 4542          69.000000          62          1279.333333 0.000645161
## 4543           0.000000          14           634.000000 0.000000000
## 4544           0.000000           2             5.000000 0.000000000
## 4545           0.000000          60          3086.398654 0.000287356
## 4546           0.000000          13           174.000000 0.015384615
## 4547           0.000000          30          2205.666667 0.000000000
## 4548           0.000000           1             4.000000 0.000000000
## 4549           0.000000          26           553.500000 0.000000000
## 4550           0.000000          34          1644.857143 0.005000000
## 4551          14.000000          34          3900.428571 0.035714286
## 4552           0.000000          46           944.233333 0.004347826
## 4554           0.000000          15          1137.000000 0.040000000
## 4555         126.000000          45          1340.611199 0.028787879
## 4556           0.000000          38          1348.700000 0.000000000
## 4557           0.000000          28           752.716667 0.000000000
## 4558           0.000000           4            14.000000 0.000000000
## 4559           0.000000          69          2734.818254 0.000000000
## 4560           0.000000          58          2498.029762 0.020689655
## 4561         272.500000          30           974.269841 0.006451613
## 4562          70.000000           7           110.000000 0.040000000
## 4563           0.000000          55          1728.025397 0.049318182
## 4564          55.500000           4            77.500000 0.000000000
## 4565           0.000000           9           166.166667 0.000000000
## 4566           0.000000          10           304.000000 0.000000000
## 4567           0.000000          25           698.833333 0.000000000
## 4568           0.000000           4            34.833333 0.028571429
## 4569         376.333333          42           986.516667 0.019934641
## 4570           0.000000           9           597.000000 0.111111111
## 4571           0.000000          11           606.500000 0.000000000
## 4572           0.000000          10           246.933333 0.006666667
## 4573           0.000000           9           231.500000 0.022222222
## 4574          37.000000          24          1067.795238 0.000000000
## 4575           0.000000          14           698.583333 0.007692308
## 4576           0.000000          14           115.666667 0.057142857
## 4577          17.000000          52          3095.975000 0.012280702
## 4578           0.000000          19           220.384849 0.010526316
## 4579           0.000000          16          2041.083333 0.040000000
## 4580          26.000000          21           405.333333 0.000000000
## 4581          10.000000          23           237.250000 0.000000000
## 4582          56.000000           8           497.333333 0.030000000
## 4583           0.000000           9            87.500000 0.000000000
## 4584           0.000000           1          1364.000000 0.000000000
## 4585           0.000000          68          3177.791667 0.005970149
## 4586         108.000000          14           562.666667 0.000000000
## 4587           0.000000          21          1045.000000 0.000000000
## 4588           0.000000           3            74.000000 0.000000000
## 4589           0.000000          10           701.000000 0.000000000
## 4590           0.000000           8           676.000000 0.000000000
## 4591           0.000000           9           232.833333 0.033333333
## 4592           0.000000          29          3229.169841 0.003225806
## 4593           0.000000          20           584.000000 0.000000000
## 4594           0.000000          49          1179.014103 0.000000000
## 4595          51.000000          19           523.735065 0.002000000
## 4596           0.000000           5           177.666667 0.000000000
```

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## 4597          0.000000          16          157.900000 0.050000000
## 4598          0.000000          18          824.833333 0.000000000
## 4599         35.000000          15          557.333333 0.000000000
## 4600          0.000000           7          499.500000 0.000000000
## 4601          0.000000          13          222.500000 0.000000000
## 4602         10.000000          58         3816.366667 0.010606061
## 4603          0.000000           6           78.666667 0.000000000
## 4604          0.000000          19          543.775000 0.000000000
## 4605          0.000000          69         1248.133333 0.005797101
## 4606          0.000000          12          697.166667 0.000000000
## 4607          0.000000          61         1423.967857 0.010000000
## 4608          0.000000           1            0.000000 0.200000000
## 4609          0.000000          39         1379.500000 0.006349206
## 4610          0.000000          31          831.666667 0.030303030
## 4611          0.000000          14          186.933333 0.042857143
## 4612          0.000000           4           34.500000 0.000000000
## 4613          0.000000          38          454.289177 0.011111111
## 4614          0.000000          20         1201.600000 0.011111111
## 4615          0.000000           6          180.666667 0.000000000
## 4616         14.000000         106         3825.102381 0.007592593
## 4617        146.000000          89         3639.737302 0.000217391
## 4618          0.000000          17          344.333333 0.005555556
## 4619          0.000000          47         1447.577273 0.000000000
## 4620          0.000000           4            6.000000 0.100000000
## 4621          0.000000          12          349.000000 0.066666667
## 4622          0.000000          35         1977.050000 0.005263158
## 4623          0.000000          35          706.400000 0.024561404
## 4624          0.000000           6          245.000000 0.000000000
## 4625          0.000000          20         1815.279762 0.012280702
## 4626          0.000000           7           38.000000 0.142857143
## 4627          0.000000           4          113.500000 0.026666667
## 4628          0.000000          22          164.916667 0.009090909
## 4629          0.000000          16          838.166667 0.012500000
## 4630          0.000000         175        12634.620890 0.001156069
## 4631         26.750000          22          553.583333 0.000000000
## 4632          0.000000           2           39.000000 0.000000000
## 4633          0.000000          38         1155.000000 0.004545455
## 4634          0.000000          20          419.000000 0.000000000
## 4635          0.000000           5          384.000000 0.000000000
## 4636          0.000000           7           93.700000 0.028571429
## 4637          0.000000           4           15.000000 0.100000000
## 4638          0.000000          59         4200.597222 0.017241379
## 4639          0.000000          17          141.500000 0.082352941
## 4640          0.000000          11          543.300000 0.018181818
## 4641          0.000000           2            0.000000 0.066666667
## 4642          0.000000          32          886.958333 0.006250000
## 4643         25.500000          52         1887.158242 0.003508772
## 4644          0.000000          11          565.000000 0.000000000
## 4645          0.000000           4          110.000000 0.000000000
## 4646          0.000000          72         1032.761905 0.000000000
## 4647          0.000000          42          879.033333 0.004761905
## 4648         14.000000          89         1332.088889 0.000000000
## 4649          0.000000          10          355.000000 0.000000000
## 4650          0.000000           9          272.000000 0.013333333
```

```
## 4651          0.000000          12          241.200000 0.050000000
## 4652          0.000000          44         1065.501515 0.006333333
## 4653          0.000000           6          224.000000 0.000000000
## 4654          0.000000          25          612.583333 0.008333333
## 4655          0.000000          59         2516.833333 0.025423729
## 4656         23.000000          82         1814.564286 0.002325581
## 4657          0.000000          38         1880.966667 0.003703704
## 4658        131.000000          36          868.416667 0.000000000
## 4659          0.000000         106         2980.889179 0.001851852
## 4660          0.000000          13          893.216667 0.000000000
## 4661          0.000000           2          139.000000 0.000000000
## 4662          0.000000           3           26.000000 0.066666667
## 4663          0.000000           9         1331.000000 0.022222222
## 4664          0.000000           5           64.500000 0.000000000
## 4665          0.000000         148         4010.064286 0.017088608
## 4666          0.000000          32         2759.633333 0.027083333
## 4667          0.000000           8          215.000000 0.062500000
## 4668          0.000000           8           72.500000 0.025000000
## 4669          0.000000          31         2543.500000 0.000000000
## 4670          0.000000           3           16.000000 0.000000000
## 4671        236.000000          28         1246.124103 0.006666667
## 4672          0.000000          20          850.035714 0.025000000
## 4673          0.000000          30          849.750000 0.077419355
## 4674          0.000000          28          385.500000 0.087356322
## 4675          0.000000         440         9951.869139 0.001850220
## 4676          0.000000          22          584.500000 0.009090909
## 4677          0.000000          10         1038.333333 0.000000000
## 4678          0.000000          19          741.833333 0.000000000
## 4679          0.000000          15          253.554167 0.000000000
## 4680          0.000000          15          537.200000 0.011764706
## 4681         17.000000          29         1514.600000 0.022222222
## 4682        153.500000         156         3899.001328 0.000170068
## 4683          0.000000          54         2008.807143 0.014423077
## 4684          0.000000           9          117.000000 0.000000000
## 4685          0.000000          59         1889.700000 0.005747126
## 4686          0.000000           6          106.000000 0.040000000
## 4687          0.000000          19          725.333333 0.010526316
## 4688          0.000000          19          501.766667 0.000000000
## 4689         51.000000          33          814.500000 0.006060606
## 4690        515.000000           4          718.666667 0.000000000
## 4691          0.000000           4           25.000000 0.000000000
## 4692          0.000000          16          450.833333 0.043750000
## 4693          0.000000           3            0.000000 0.200000000
## 4694          0.000000          61          867.464286 0.000585938
## 4695          0.000000          13          813.800000 0.000000000
## 4696          4.000000          46         1203.083333 0.066226415
## 4697          0.000000          15          484.000000 0.000000000
## 4698        116.000000          26          595.341667 0.026728111
## 4699          0.000000          62          969.150000 0.001092896
## 4700          0.000000          23          790.166667 0.000000000
## 4701         22.500000         108         4033.471998 0.007402653
## 4702          0.000000          14          460.000000 0.000000000
## 4703         47.000000          39         1167.966667 0.005853659
## 4704          0.000000          24          409.303030 0.008333333
```

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## 4705          0.000000          19          232.566667 0.000000000
## 4706          0.000000          58         1645.966667 0.014285714
## 4707          0.000000          22          428.450000 0.004545455
## 4708          0.000000          40         2872.916667 0.000000000
## 4709          0.000000           4          100.500000 0.000000000
## 4710          0.000000          52         1622.433333 0.006410256
## 4711          2.000000          16          589.666667 0.000000000
## 4712          0.000000          24          841.166667 0.008333333
## 4713          6.000000           1           25.000000 0.000000000
## 4714          0.000000          60         1147.615584 0.004285714
## 4715        104.000000          42         2724.008983 0.006500000
## 4716          0.000000          16          973.500000 0.025000000
## 4717          0.000000          16          252.000000 0.000000000
## 4718          0.000000           3           76.500000 0.040000000
## 4719          0.000000          20          248.416667 0.010526316
## 4720          5.000000          66         2537.450000 0.003956044
## 4721          0.000000          77         3733.228571 0.018666667
## 4722          0.000000          22          598.250000 0.000000000
## 4723          0.000000          13          161.166667 0.024615385
## 4724          0.000000           4           33.000000 0.050000000
## 4725         89.000000           6          154.500000 0.000000000
## 4726          0.000000          27         1474.233333 0.013333333
## 4727          0.000000          14          116.833333 0.064285714
## 4728          0.000000          12         2054.333333 0.000000000
## 4729         17.000000           7          258.000000 0.000000000
## 4730          0.000000           5          476.000000 0.013333333
## 4731          0.000000          13          283.500000 0.000000000
## 4732          0.000000          18         1217.850000 0.000000000
## 4733          0.000000          14          625.000000 0.000000000
## 4734          0.000000           5          217.000000 0.000000000
## 4735          0.000000          14          167.500000 0.081250000
## 4736          0.000000           6           24.000000 0.133333333
## 4737          0.000000          11         1760.000000 0.036363636
## 4738          0.000000           5           14.000000 0.120000000
## 4739          0.000000           8          358.000000 0.050000000
## 4740          0.000000          14          244.000000 0.004761905
## 4741          0.000000          31         1470.416667 0.000000000
## 4742          0.000000           4          101.000000 0.000000000
## 4743          0.000000          51         4522.409524 0.015757576
## 4744          0.000000          10           72.500000 0.080000000
## 4745          0.000000          46         1804.900000 0.017730496
## 4746          0.000000           6           63.500000 0.000000000
## 4747          0.000000          34          887.666667 0.000000000
## 4748          0.000000          40         1411.833333 0.000000000
## 4749          0.000000          34         2240.166667 0.013541667
## 4750         13.000000          37         3618.016667 0.002000000
## 4751          0.000000          22         1245.600000 0.008695652
## 4752         36.000000          70         1675.525366 0.018181818
## 4753          0.000000          11          220.966667 0.020512821
## 4754          0.000000          11          959.000000 0.000000000
## 4755          0.000000          16          278.914286 0.007142857
## 4756          0.000000           8          110.000000 0.000000000
## 4757          0.000000           6          203.000000 0.100000000
## 4758          0.000000           5           82.000000 0.040000000
```

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## 4759          35.000000          21          458.700000 0.016666667
## 4760          13.000000          23          759.666667 0.013043478
## 4761         146.000000          26         1740.450000 0.016666667
## 4762          72.000000          13          462.000000 0.000000000
## 4763           0.000000           8          603.000000 0.014285714
## 4764          43.000000          25         1053.080952 0.000000000
## 4765           0.000000          75         1289.250000 0.005479452
## 4766           7.000000          11          192.750000 0.000000000
## 4767           0.000000          27          463.833333 0.040740741
## 4768           0.000000          18          224.500000 0.037500000
## 4769           0.000000          17          697.516667 0.000000000
## 4770         474.500000          46         1431.333333 0.003703704
## 4771           0.000000          18          754.916667 0.000000000
## 4772           0.000000           5          161.500000 0.000000000
## 4773           0.000000           6          134.000000 0.066666667
## 4774           0.000000           4          880.000000 0.000000000
## 4775           0.000000          31         1539.791667 0.000000000
## 4776           0.000000          31          945.666667 0.006896552
## 4777           0.000000           8          323.500000 0.000000000
## 4778           0.000000          59         1261.166667 0.035380117
## 4779         391.000000          61         1037.807143 0.003174603
## 4780           0.000000           2           14.000000 0.000000000
## 4781         370.875000          22          526.028138 0.032142857
## 4782           0.000000          39          659.935714 0.000000000
## 4783           0.000000           8          139.000000 0.000000000
## 4784           0.000000          26          419.352381 0.007692308
## 4785           0.000000          28         1265.750000 0.000000000
## 4786           0.000000           3           91.000000 0.066666667
## 4787           0.000000          67         2421.060623 0.000000000
## 4788           0.000000           6         1180.500000 0.000000000
## 4789           0.000000         181         4079.530461 0.013821990
## 4790          25.000000           8          388.000000 0.025000000
## 4791           0.000000          10          428.666667 0.000000000
## 4792           0.000000          27          759.085714 0.000000000
## 4793           0.000000           4         1440.000000 0.000000000
## 4794           0.000000         116         4426.650649 0.000000000
## 4795           0.000000          28          160.000000 0.000000000
## 4796           0.000000          53          861.333333 0.003636364
## 4797           0.000000          10          109.000000 0.036363636
## 4798           0.000000           8          129.000000 0.033333333
## 4799           0.000000          23          619.500000 0.008333333
## 4800          -1.000000           1           -1.000000 0.200000000
## 4801           0.000000          19          806.833333 0.000000000
## 4802           0.000000          29         1131.315476 0.021428571
## 4803           0.000000          29         1816.427273 0.011458333
## 4804           0.000000          24          566.727273 0.026086957
## 4805           0.000000          19          468.833333 0.046296296
## 4806           0.000000          10          647.666667 0.016666667
## 4807           0.000000           2           59.000000 0.000000000
## 4808           0.000000          55         1247.357143 0.001886792
## 4809           0.000000          18          443.000000 0.000000000
## 4810           0.000000          19          407.833333 0.000000000
## 4811           0.000000           9           95.300000 0.000000000
## 4812           0.000000           7           92.500000 0.088888889
```

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## 4813          0.000000          3          258.000000 0.000000000
## 4814        100.000000         13          364.350000 0.000000000
## 4815          0.000000         40         4175.750000 0.048333333
## 4816          0.000000          9          326.000000 0.000000000
## 4817        489.600000         40         1190.400000 0.000000000
## 4819          0.000000         21          830.000000 0.052380952
## 4820          0.000000          5           99.666667 0.000000000
## 4821          0.000000        102         5978.180357 0.004692308
## 4822         95.000000         95         2411.789279 0.000000000
## 4823          0.000000          9          165.000000 0.000000000
## 4824          0.000000         10          111.416667 0.000000000
## 4825          0.000000         10          377.500000 0.020000000
## 4826          0.000000         13          190.250000 0.030769231
## 4827        101.000000          7          208.500000 0.000000000
## 4828          0.000000         14         1225.000000 0.015384615
## 4829          0.000000         46         4681.894444 0.008000000
## 4830          0.000000          4          107.000000 0.000000000
## 4831          0.000000         11          161.000000 0.000000000
## 4832          0.000000         20          645.709524 0.010526316
## 4833         57.000000         11          252.892857 0.000000000
## 4834          0.000000         42         1722.500000 0.000000000
## 4835          0.000000          5           35.666667 0.080000000
## 4836          0.000000         24          460.450000 0.016666667
## 4837          0.000000         29          778.358333 0.013793103
## 4838         10.000000         17          713.333333 0.000000000
## 4839          0.000000          7           67.333333 0.100000000
## 4840          0.000000         27          392.466667 0.000000000
## 4841          7.000000         23          198.884849 0.000000000
## 4842          0.000000         70          961.549351 0.005263158
## 4843          0.000000         29         1155.500000 0.058620690
## 4844          0.000000          4           93.500000 0.000000000
## 4845          0.000000         25          575.000000 0.006666667
## 4846          0.000000         45          881.741270 0.000531915
## 4847          0.000000         53         1511.195238 0.005454545
## 4848          0.000000          1            0.000000 0.200000000
## 4849          0.000000         13          473.500000 0.015384615
## 4850          0.000000          3          400.666667 0.000000000
## 4851         84.000000         15          674.247619 0.008695652
## 4852          0.000000         20          723.250000 0.036363636
## 4853          0.000000          8          211.000000 0.000000000
## 4854          0.000000         11          976.000000 0.000000000
## 4855          7.000000         24          551.666667 0.008333333
## 4856          0.000000          2           27.000000 0.000000000
## 4857          0.000000         14          446.833333 0.000000000
## 4858         36.000000         24          914.506061 0.015384615
## 4859          0.000000         14          108.000000 0.000000000
## 4860          0.000000         50          549.916667 0.000000000
## 4861          0.000000         31         1383.166667 0.030107527
## 4862          0.000000          1            0.000000 0.200000000
## 4863          0.000000          1            0.000000 0.200000000
## 4864          0.000000         41         1271.333333 0.029268293
## 4865          0.000000          4           31.000000 0.100000000
## 4866         92.500000          9          359.166667 0.000000000
## 4867          0.000000          2           26.000000 0.013333333
```

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## 4868          157.000000          36          3010.532051 0.000000000
## 4869            0.000000           7           243.000000 0.057142857
## 4870            0.000000         128          5287.233333 0.017187500
## 4871           86.000000          23           237.095238 0.000000000
## 4872           75.666667          50          2387.435714 0.019393939
## 4873            0.000000          30           860.316667 0.000000000
## 4874            0.000000           9           148.333333 0.040000000
## 4875            0.000000          52          1089.642857 0.003508772
## 4876            0.000000          25          1229.250000 0.025333333
## 4877            0.000000           2            21.000000 0.000000000
## 4878            0.000000         103          1934.992857 0.029901961
## 4879            0.000000          13           242.000000 0.000000000
## 4880            0.000000           3           110.000000 0.000000000
## 4881            0.000000          39          1905.152381 0.005000000
## 4882            0.000000           5           223.000000 0.000000000
## 4883           85.000000           2            35.500000 0.000000000
## 4885           92.000000          15           463.000000 0.036363636
## 4886            0.000000          14           148.000000 0.064285714
## 4887            0.000000           6           202.000000 0.000000000
## 4888            0.000000           1             0.000000 0.200000000
## 4889            0.000000          16           733.252381 0.000000000
## 4890           18.000000          28          1559.650000 0.012500000
## 4891            0.000000          13           208.833333 0.030769231
## 4892            0.000000          21           204.166667 0.028571429
## 4893            0.000000          25           434.671429 0.000000000
## 4894            0.000000          13           229.500000 0.000000000
## 4895            5.000000          10           649.500000 0.000000000
## 4896            0.000000          12          2052.833333 0.016666667
## 4897            0.000000           1             0.000000 0.200000000
## 4898         1439.000000          19          1119.716667 0.000000000
## 4899            0.000000          27          1192.226190 0.000000000
## 4900           31.000000          13           292.000000 0.000000000
## 4901            9.000000          10           491.000000 0.000000000
## 4902            0.000000          45          3141.258333 0.021739130
## 4903           64.000000          67          1222.470924 0.014414414
## 4904           72.500000          80          1552.504762 0.002247191
## 4905            0.000000          42           922.208333 0.000000000
## 4906            0.000000           2            12.000000 0.000000000
## 4907            0.000000          17           831.388889 0.033333333
## 4908            0.000000          32           593.507143 0.000000000
## 4909            0.000000           4            67.500000 0.000000000
## 4910            0.000000           4            29.000000 0.100000000
## 4911            0.000000          39           964.070513 0.020512821
## 4912            0.000000          16           421.250000 0.000000000
## 4913            0.000000           5           180.500000 0.040000000
## 4915            0.000000          38          1633.833333 0.000000000
## 4916           -1.000000           1            -1.000000 0.200000000
## 4917            0.000000           3            62.000000 0.000000000
## 4918            0.000000          31          2581.208333 0.025000000
## 4919            0.000000          36           513.400000 0.004166667
## 4920            0.000000          10           221.000000 0.100000000
## 4921          243.000000          25          1971.194444 0.007142857
## 4922            0.000000           2           247.000000 0.000000000
## 4923            0.000000          50          1911.333333 0.004000000
```

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## 4924          0.000000          83        3025.283333 0.000000000
## 4925          0.000000           7          48.000000 0.114285714
## 4926          0.000000           3          47.500000 0.000000000
## 4927          0.000000           2           0.000000 0.200000000
## 4928          0.000000          29        1846.635470 0.006896552
## 4929          0.000000          41        1955.783333 0.000000000
## 4930          0.000000           6          62.000000 0.133333333
## 4931          0.000000          41         634.666667 0.012698413
## 4932          0.000000           6         162.500000 0.000000000
## 4933          0.000000          28         724.066667 0.007407407
## 4934          3.000000         115        8388.316083 0.012525010
## 4935          0.000000           4         247.000000 0.000000000
## 4936          0.000000           4          28.000000 0.000000000
## 4937        315.000000          63        2162.224767 0.009230769
## 4938        529.700000         178        4339.534423 0.003939056
## 4939          0.000000          10         148.500000 0.090000000
## 4940          0.000000          14         416.833333 0.000000000
## 4941          0.000000          16         213.366667 0.037500000
## 4942          0.000000          11         440.000000 0.000000000
## 4943          0.000000          46        1107.666667 0.005925926
## 4944          0.000000          36        1851.833333 0.008333333
## 4945         28.000000          19        1120.266667 0.021052632
## 4946          0.000000          16        1215.766667 0.000000000
## 4947         38.000000          10         311.000000 0.018181818
## 4948          0.000000          48        2562.083333 0.004255319
## 4949          0.000000          39        2827.428571 0.000000000
## 4950        135.500000          69        3596.933967 0.004761905
## 4951        503.250000          61        1880.271429 0.000000000
## 4952          0.000000           5         249.000000 0.000000000
## 4953         39.000000           4          45.333333 0.000000000
## 4954        725.500000         101        4713.800000 0.009444444
## 4955          0.000000           4           0.000000 0.200000000
## 4956          0.000000         106        1974.702597 0.001886792
## 4957          0.000000           3          23.000000 0.066666667
## 4958          0.000000          25         960.000000 0.016000000
## 4959          0.000000          31        1189.333333 0.000000000
## 4960          0.000000          63        1021.000000 0.026562500
## 4961          0.000000          48         970.419264 0.008571429
## 4962          0.000000          11         507.333333 0.000000000
## 4963          0.000000          14         203.000000 0.000000000
## 4964         13.000000          42        1356.457359 0.036601307
## 4965          0.000000           2           5.000000 0.000000000
## 4966          0.000000          46        2308.261905 0.000000000
## 4967         14.000000          37         935.557143 0.000000000
## 4968          0.000000           7          88.750000 0.013333333
## 4969         58.500000          33        1847.211905 0.000000000
## 4970          0.000000          15         216.000000 0.023809524
## 4971          0.000000           8         119.000000 0.075000000
## 4972          0.000000          22         420.200000 0.008695652
## 4973          0.000000           4          47.000000 0.100000000
## 4974          0.000000           5         109.500000 0.080000000
## 4975         23.000000          52        4167.488095 0.009615385
## 4976         36.000000          23         660.404762 0.016000000
## 4977          0.000000          25         375.661905 0.004000000
```

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## 4978          38.000000          46          1060.451515 0.004444444
## 4979           0.000000           3            17.000000 0.100000000
## 4980           0.000000           7           180.000000 0.000000000
## 4981           0.000000           9           113.000000 0.066666667
## 4982           0.000000          43           875.000000 0.000000000
## 4983           0.000000          15          1269.500000 0.014285714
## 4984           0.000000          20          2280.833333 0.010000000
## 4985           0.000000           2            11.000000 0.000000000
## 4986           0.000000          66          2582.696970 0.003030303
## 4987          18.000000           9           548.000000 0.000000000
## 4988           0.000000          21          2046.500000 0.016000000
## 4989           0.000000          14          2530.500000 0.014285714
## 4990           0.000000           3            31.000000 0.066666667
## 4991          55.000000          41          1705.041667 0.004545455
## 4992           0.000000           3            71.000000 0.100000000
## 4993         869.000000          42          2066.927778 0.017391304
## 4994         262.750000          12           350.425397 0.002614379
## 4995           0.000000           3           344.500000 0.000000000
## 4996           0.000000           9           160.500000 0.000000000
## 4997           0.000000          30           586.533333 0.000000000
## 4998           0.000000          35          1557.166667 0.005555556
## 4999          23.500000          56          2915.166667 0.000000000
## 5000           0.000000           4           100.166667 0.000000000
## 5001           0.000000           6            77.000000 0.000000000
## 5002           0.000000          15           421.500000 0.000000000
## 5003           0.000000          70          1453.900000 0.010144928
## 5004           0.000000          12           408.500000 0.000000000
## 5005           0.000000          24          1244.066667 0.008000000
## 5006           0.000000          49           837.416667 0.000000000
## 5007           0.000000          12           454.226190 0.011764706
## 5008           0.000000           1             0.000000 0.200000000
## 5009           0.000000          27          1753.583333 0.000000000
## 5010         393.325000          34          1352.816503 0.009406495
## 5011           0.000000           6           332.000000 0.000000000
## 5012           0.000000          26          1380.833333 0.000000000
## 5013           0.000000          23           684.500000 0.021739130
## 5014         103.166667          21          1586.333333 0.016666667
## 5015           0.000000          15           575.666667 0.043333333
## 5016           0.000000           1             0.000000 0.200000000
## 5017           0.000000          14          1319.833333 0.000000000
## 5018           0.000000          21           979.016667 0.000000000
## 5019          32.000000          11           948.000000 0.013333333
## 5020           0.000000          16           315.250000 0.000000000
## 5021           0.000000          11           549.333333 0.000000000
## 5022           0.000000           7           304.333333 0.000000000
## 5023          19.000000          49          1527.583333 0.007843137
## 5024           0.000000           8           856.416667 0.000000000
## 5025          24.000000          15          1075.500000 0.000000000
## 5026           0.000000           9           368.500000 0.000000000
## 5027           0.000000           3            12.000000 0.066666667
## 5028         263.666667          41          1919.245230 0.014875647
## 5029           0.000000         154          4712.769322 0.001282051
## 5030           0.000000          11           482.666667 0.000000000
## 5031           0.000000          59          2012.900794 0.001538462
```

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## 5032          7.000000          49          1714.868651 0.013711002
## 5033          0.000000          16           650.833333 0.000000000
## 5034          0.000000          26           781.500000 0.007692308
## 5035          0.000000          17           665.984848 0.000000000
## 5036         71.000000          16           244.000000 0.000000000
## 5037          0.000000          24           255.322222 0.025000000
## 5038          0.000000          70          2083.300000 0.000980392
## 5040         17.000000          80          1143.371078 0.002463054
## 5041         27.000000          18           630.871912 0.000000000
## 5042         62.333333          34          1122.272727 0.047222222
## 5043          0.000000           4           111.666667 0.000000000
## 5045          0.000000          37           821.333333 0.000000000
## 5046          0.000000         184          7706.546429 0.002083333
## 5047          0.000000           5           626.000000 0.000000000
## 5048          0.000000           5            47.000000 0.000000000
## 5049          0.000000          17           857.000000 0.023529412
## 5050          0.000000           3            44.000000 0.066666667
## 5051          0.000000          66          1859.500000 0.005128205
## 5052         61.500000          36           625.308112 0.011627907
## 5053          0.000000          73          1209.761905 0.002816901
## 5054          0.000000          19           801.583333 0.010526316
## 5055          0.000000          27          1115.750000 0.015384615
## 5056        144.000000          15           280.083333 0.010526316
## 5058          0.000000           9           260.300000 0.000000000
## 5059          0.000000          12          1562.000000 0.023000000
## 5060         82.000000          93          3148.173939 0.021875000
## 5061          0.000000          21           464.583333 0.000000000
## 5062          0.000000          14           310.000000 0.028571429
## 5063          0.000000          12          1287.000000 0.000000000
## 5064          0.000000          15           153.000000 0.000000000
## 5065          0.000000          41           881.166667 0.009756098
## 5066          0.000000           2           247.000000 0.000000000
## 5067          0.000000          26           601.768182 0.000000000
## 5068          5.000000         116          3364.191667 0.014957265
## 5069          0.000000          13           490.083333 0.000000000
## 5070          0.000000           5            87.000000 0.040000000
## 5071          0.000000           6           954.500000 0.000000000
## 5072          0.000000           2            22.000000 0.000000000
## 5073          0.000000          43          3283.722222 0.009302326
## 5074          0.000000          29          1412.500000 0.007142857
## 5075          0.000000           9           113.000000 0.022222222
## 5076          8.000000          59          1828.774603 0.003874092
## 5077          0.000000          24          1381.733333 0.031481481
## 5078          0.000000           9           890.000000 0.044444444
## 5079          0.000000          39          1183.500000 0.012820513
## 5080        113.000000          14           536.035714 0.000000000
## 5081          0.000000          45           547.500000 0.033469388
## 5082          0.000000          88          1917.683333 0.003409091
## 5083         37.400000          23          1146.500000 0.015384615
## 5084          0.000000          36          2362.500000 0.000000000
## 5085          0.000000          10           393.000000 0.020000000
## 5086          0.000000          26           730.533333 0.011538462
## 5087          0.000000           6          1563.000000 0.000000000
## 5088         24.000000           9           717.000000 0.020000000
```

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## 5089          163.000000          36          2928.777778 0.002631579
## 5090            0.000000          21           884.333333 0.000000000
## 5091            0.000000          28           606.416667 0.027619048
## 5092            0.000000           9           261.700000 0.000000000
## 5093            0.000000          16           431.500000 0.056250000
## 5094            0.000000          14           184.833333 0.000000000
## 5095            0.000000          41          1135.860714 0.000000000
## 5096           -1.000000           1            -1.000000 0.200000000
## 5097           -1.000000           1            -1.000000 0.200000000
## 5098            0.000000           2            69.000000 0.000000000
## 5099            0.000000          24           272.000000 0.056000000
## 5100            0.000000          44           815.475000 0.000000000
## 5101            7.000000          24           678.000000 0.000000000
## 5102            0.000000           3            38.000000 0.066666667
## 5103            0.000000          29          2351.050000 0.005555556
## 5104            0.000000          44          2588.500000 0.019047619
## 5105            0.000000          15           463.333333 0.035714286
## 5106            0.000000          19          1383.191667 0.010000000
## 5107            0.000000           6           106.500000 0.000000000
## 5108           -1.000000           1            -1.000000 0.200000000
## 5109            0.000000           7           950.000000 0.018750000
## 5110            0.000000          11             0.000000 0.200000000
## 5111            0.000000          34           877.666667 0.020202020
## 5112            0.000000         129          5883.040509 0.003076923
## 5113            0.000000          61          4501.433700 0.015000000
## 5114            0.000000          68          3357.340476 0.018137255
## 5115            0.000000          36           943.619048 0.031944444
## 5116            0.000000          51          1056.616667 0.016734694
## 5117            0.000000          21           406.800000 0.000000000
## 5118            0.000000           6            48.333333 0.011111111
## 5120            0.000000           4            99.000000 0.000000000
## 5121            0.000000           7           148.166667 0.000000000
## 5122            0.000000           3            96.000000 0.000000000
## 5123            0.000000          71          1799.833333 0.016901408
## 5124            0.000000          25          1189.458333 0.000000000
## 5125           -1.000000           1            -1.000000 0.000000000
## 5126            0.000000          22           815.833333 0.000000000
## 5127            0.000000          43           703.833333 0.000000000
## 5128            0.000000          31          1066.000000 0.000000000
## 5129            0.000000          52          1630.972222 0.012000000
## 5130            0.000000          12            86.500000 0.076923077
## 5131           68.000000          57          2660.245238 0.000847458
## 5132            0.000000          14           924.000000 0.014285714
## 5133          178.000000           5           121.500000 0.000000000
## 5134            0.000000           4           117.000000 0.150000000
## 5135            0.000000           1             0.000000 0.200000000
## 5136            0.000000          29          1183.233333 0.013793103
## 5137            0.000000           4           129.000000 0.000000000
## 5138            0.000000           1             0.000000 0.200000000
## 5139            0.000000           1             0.000000 0.200000000
## 5140            0.000000          35          1712.833333 0.000000000
## 5141           96.333333          46          1041.316345 0.000571429
## 5142            0.000000          32           814.607143 0.000000000
## 5143            0.000000          15           269.750000 0.000000000
```

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## 5144          0.000000          19          725.900000 0.000000000
## 5145          0.000000          85          768.500000 0.000000000
## 5146          0.000000          66         2506.333333 0.015277778
## 5147         37.000000          61          683.173809 0.000000000
## 5148          0.000000           1            0.000000 0.200000000
## 5149          0.000000          36         1445.600000 0.005714286
## 5150          0.000000          21         1853.535714 0.000000000
## 5151          0.000000         113         2216.668320 0.005357143
## 5152         10.000000           2           73.000000 0.000000000
## 5153       2050.433333         705        43171.233380 0.004851285
## 5154          0.000000         134         6897.942424 0.002985075
## 5155          0.000000          57         1718.500000 0.039766082
## 5156          0.000000           2            0.000000 0.200000000
## 5157          0.000000           4          352.000000 0.100000000
## 5158          0.000000           2          404.000000 0.000000000
## 5159        241.000000           4           43.500000 0.050000000
## 5160        101.000000          56         1086.074242 0.010526316
## 5161          0.000000           8          254.000000 0.000000000
## 5162          0.000000         128         1799.144235 0.009237379
## 5163        377.000000           6          117.500000 0.045454545
## 5164          0.000000           2            0.000000 0.200000000
## 5165          0.000000           4           26.000000 0.050000000
## 5166          0.000000           2           19.000000 0.000000000
## 5167          0.000000          56         2075.983333 0.000000000
## 5168          0.000000           7         1859.500000 0.000000000
## 5169          0.000000          27          187.000000 0.000000000
## 5170          0.000000          29          830.933333 0.035555556
## 5171          0.000000           4           21.000000 0.100000000
## 5172          0.000000          12          582.500000 0.000000000
## 5173          0.000000          42         1288.066667 0.000000000
## 5174          0.000000          16          230.100000 0.000000000
## 5175          0.000000          34         1384.972222 0.005263158
## 5176          0.000000           1            0.000000 0.200000000
## 5177          0.000000          19          809.166667 0.031578947
## 5178          0.000000           9          145.000000 0.066666667
## 5179        373.500000          15          176.500000 0.048000000
## 5180          0.000000           7          355.666667 0.000000000
## 5181          0.000000         122         1945.321429 0.018032787
## 5182          0.000000          27          589.573810 0.007407407
## 5183          0.000000          72         1243.808820 0.000675676
## 5184          0.000000          26          572.880952 0.000000000
## 5185         33.000000          21         1277.833333 0.008695652
## 5186          0.000000          17          347.547619 0.024242424
## 5187         55.500000          23         1100.125000 0.000000000
## 5188          0.000000          19          473.000000 0.000000000
## 5189         72.000000          22          680.000000 0.000000000
## 5190         31.000000          24          533.500000 0.000000000
## 5191          0.000000          35          539.000000 0.005555556
## 5192          0.000000          14          340.000000 0.000000000
## 5193          0.000000          49         1747.125000 0.027659574
## 5194         40.000000          79         1594.972222 0.000000000
## 5195          0.000000          19         1227.000000 0.000000000
## 5196       1005.000000          62         2450.435809 0.003125000
## 5197          0.000000          22          683.052489 0.020000000
```

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## 5198          0.000000          8          392.400000 0.000000000
## 5201          0.000000         10          332.750000 0.000000000
## 5202          0.000000          4           68.000000 0.000000000
## 5203          0.000000         20          379.416667 0.002857143
## 5204         23.000000         26         2259.550000 0.001960784
## 5205          0.000000          9          193.666667 0.007407407
## 5206          0.000000         36          862.573810 0.002857143
## 5207          0.000000         47         1580.833333 0.000000000
## 5208         94.000000         39         1603.500000 0.005000000
## 5209         23.000000         19         1323.250000 0.007692308
## 5210          0.000000          2            0.000000 0.200000000
## 5211          0.000000          4           46.000000 0.000000000
## 5212          0.000000         12          580.500000 0.020000000
## 5213          0.000000          3           63.000000 0.000000000
## 5214        172.000000         32         1227.047222 0.005882353
## 5215          0.000000         33          777.366667 0.006451613
## 5216        219.000000         22          924.000000 0.007142857
## 5217          0.000000         17          300.666667 0.000000000
## 5218        261.000000         97         1871.788041 0.002252252
## 5219          0.000000         12          193.750000 0.008888889
## 5220          0.000000         19         1007.900000 0.000000000
## 5221         41.000000         45         1754.000000 0.000000000
## 5222         28.000000         12          276.000000 0.000000000
## 5223         48.000000         34         2141.400000 0.005405405
## 5224          0.000000         35         1742.883333 0.011428571
## 5225          0.000000         11          216.000000 0.018181818
## 5226          0.000000          8          132.233333 0.000000000
## 5227          0.000000         11          427.000000 0.014285714
## 5228          0.000000          7          277.000000 0.000000000
## 5229          0.000000          8           85.500000 0.075000000
## 5230          0.000000          8           89.500000 0.150000000
## 5231          0.000000          8          359.000000 0.000000000
## 5232          0.000000         16         1061.000000 0.000000000
## 5233          0.000000          5          274.000000 0.040000000
## 5234          0.000000         37          987.500000 0.005555556
## 5235          0.000000          2            0.000000 0.200000000
## 5236          0.000000          7          415.500000 0.000000000
## 5237          0.000000         10          326.666667 0.000000000
## 5238         86.000000         65         1476.500000 0.040096618
## 5239          0.000000         18          314.833333 0.000000000
## 5240         11.000000         92         2710.570238 0.016842105
## 5241          0.000000          6           64.333333 0.000000000
## 5242          0.000000          6          486.000000 0.000000000
## 5243         18.000000         15         1518.097619 0.000000000
## 5244         34.000000         22          367.376191 0.000000000
## 5245          0.000000         30          513.940476 0.000000000
## 5246          0.000000         42         1349.250000 0.000000000
## 5247          0.000000         45          848.205128 0.004347826
## 5248          0.000000         25          375.600000 0.000000000
## 5249          0.000000         44          724.316667 0.000000000
## 5250          0.000000         29          957.666667 0.000000000
## 5251         83.000000         18          511.500000 0.009523810
## 5252        187.000000         61          776.413816 0.015104167
## 5253          0.000000         29          605.672222 0.003448276
```

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## 5254          0.000000          88          2765.444444 0.000000000
## 5256          0.000000          26          2351.700000 0.008000000
## 5257          0.000000           3             1.000000 0.133333333
## 5258          0.000000           7           116.500000 0.028571429
## 5259          0.000000           4          1145.000000 0.050000000
## 5260          0.000000          39          3413.833333 0.005128205
## 5261          0.000000           9           536.000000 0.000000000
## 5262         16.500000          99          3072.305403 0.001960784
## 5263          0.000000          21          2179.666667 0.000000000
## 5264        302.000000          22           382.490260 0.000000000
## 5265          0.000000           2             0.000000 0.200000000
## 5266          0.000000           5           112.000000 0.000000000
## 5267         29.000000          19          1083.690476 0.016000000
## 5268        282.000000          18           720.750000 0.000000000
## 5269          0.000000          20           680.000000 0.020000000
## 5270          0.000000          13           739.833333 0.007692308
## 5271          0.000000           1             0.000000 0.200000000
## 5272          0.000000           1             0.000000 0.200000000
## 5273         19.000000          11           314.250000 0.000000000
## 5274          0.000000           2            32.000000 0.000000000
## 5275          0.000000          26          1066.666667 0.025000000
## 5276          0.000000         119          4749.240385 0.015772358
## 5278          0.000000          23          1046.916667 0.000000000
## 5279          0.000000          18          1748.000000 0.047058824
## 5280          0.000000           3             0.000000 0.200000000
## 5281          0.000000          10          1331.000000 0.000000000
## 5282          0.000000          26           549.550000 0.017241379
## 5283          0.000000           2             7.000000 0.050000000
## 5284          0.000000          13           734.000000 0.000000000
## 5285          0.000000          22           662.666667 0.011363636
## 5286          0.000000          23           383.000000 0.031818182
## 5288          0.000000          21           327.266667 0.017391304
## 5289          0.000000          52          2529.166667 0.014000000
## 5290          0.000000          42           792.666667 0.000000000
## 5291          0.000000           4             7.000000 0.100000000
## 5292          0.000000           1             0.000000 0.200000000
## 5293          0.000000           8           111.000000 0.100000000
## 5294        226.000000          19           797.166667 0.000000000
## 5295          0.000000          17           465.666667 0.000000000
## 5296         94.000000          21          1449.000000 0.000000000
## 5297          0.000000          12           234.000000 0.015384615
## 5298          0.000000          18           376.500000 0.021052632
## 5299          0.000000           2           121.000000 0.000000000
## 5300         15.000000          70          2860.500000 0.009876543
## 5301          0.000000          15           430.500000 0.000000000
## 5302          0.000000          11          1066.000000 0.020000000
## 5303          0.000000           4           107.000000 0.000000000
## 5304          0.000000           9           462.500000 0.075000000
## 5305          0.000000           6           132.000000 0.000000000
## 5306          0.000000          19           172.111111 0.042105263
## 5307          0.000000          23           195.666667 0.050000000
## 5308          0.000000           4           992.000000 0.000000000
## 5309          0.000000           7            63.000000 0.028571429
## 5310          0.000000          17           526.833333 0.000000000
```

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## 5311          0.000000          2          73.000000 0.000000000
## 5312          0.000000         12         417.000000 0.100000000
## 5313          0.000000         48        1129.214286 0.008163265
## 5314          0.000000         11         272.000000 0.000000000
## 5315          0.000000         26        2676.000000 0.030769231
## 5316          0.000000          1          68.000000 0.000000000
## 5317          0.000000         61        3545.191270 0.008954009
## 5318          0.000000         17         315.000000 0.004166667
## 5319          4.000000         59        1702.369048 0.000781250
## 5320          0.000000         57        2874.966667 0.003278689
## 5321          0.000000          6         102.000000 0.000000000
## 5322          0.000000         27         459.963636 0.007407407
## 5323          0.000000         22         710.666667 0.000000000
## 5324          0.000000          1           0.000000 0.200000000
## 5325          0.000000         38         821.166667 0.021052632
## 5326          0.000000          3          34.000000 0.000000000
## 5327          0.000000          2          96.000000 0.000000000
## 5328          0.000000         28         666.000000 0.000000000
## 5329          0.000000          3          69.000000 0.000000000
## 5330          0.000000         26         745.166667 0.000000000
## 5331          0.000000         14         128.500000 0.071428571
## 5332          0.000000          3          45.000000 0.000000000
## 5333          0.000000          9         110.500000 0.000000000
## 5334          0.000000         74        3615.889239 0.007028112
## 5335         11.000000         43        2949.550000 0.015909091
## 5336          0.000000         27         839.666667 0.021428571
## 5337          0.000000          5          70.000000 0.040000000
## 5338          0.000000         16        1432.500000 0.000000000
## 5339         99.500000         35        1475.266667 0.006944444
## 5340        172.000000         58        1341.261111 0.004597701
## 5341          0.000000         57        1384.500000 0.010344828
## 5342          0.000000         38        2101.733333 0.010526316
## 5343          0.000000          5         156.000000 0.060000000
## 5344          0.000000         70        2720.700000 0.017506494
## 5345          0.000000          9         116.666667 0.000000000
## 5346          0.000000        118        4541.925000 0.013114754
## 5347          0.000000         10         355.000000 0.000000000
## 5348          0.000000         34        1014.833333 0.011764706
## 5349          0.000000         24         182.416667 0.000000000
## 5350          0.000000          6         122.500000 0.011111111
## 5351          0.000000          3         278.000000 0.000000000
## 5352          0.000000          5         197.000000 0.000000000
## 5353          0.000000         30        1906.476190 0.011494253
## 5354          0.000000         20         819.271569 0.007972028
## 5355          0.000000         18         328.321429 0.000000000
## 5357          0.000000          6          34.333333 0.033333333
## 5358          0.000000         12          70.000000 0.150000000
## 5359          0.000000         21         436.812500 0.001904762
## 5360        110.000000         20         402.333333 0.028571429
## 5361          0.000000         36        1934.990476 0.042083333
## 5362          0.000000         36         576.833333 0.000000000
## 5363         25.000000         81        1421.668627 0.000000000
## 5364          0.000000         25         934.366667 0.024000000
## 5365          0.000000          3         277.500000 0.000000000
```

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## 5366          0.000000          12          751.500000 0.000000000
## 5367          0.000000          16          195.500000 0.012500000
## 5368          0.000000          20          918.083333 0.007500000
## 5369          0.000000         105         4797.987915 0.005607477
## 5370        157.000000          45          901.916667 0.007189542
## 5371          8.000000          36         1093.154762 0.000000000
## 5372          0.000000          49         2382.428571 0.022641509
## 5373          0.000000           1            0.000000 0.200000000
## 5374          0.000000          38         1417.666667 0.016117216
## 5375        194.500000          56         1948.713745 0.001724138
## 5376          0.000000          25          588.719048 0.000000000
## 5377          0.000000          37          356.166667 0.002702703
## 5378          0.000000           1            0.000000 0.200000000
## 5379          0.000000           5            0.000000 0.200000000
## 5380          0.000000           3           13.000000 0.066666667
## 5381          0.000000          50         1156.384921 0.008000000
## 5382        202.500000          55         1995.466667 0.003333333
## 5383          0.000000           8          429.000000 0.000000000
## 5384          0.000000          51         1424.866667 0.004081633
## 5385          0.000000          27          444.100000 0.000000000
## 5386          0.000000          14          333.900000 0.000000000
## 5387          0.000000           5           22.000000 0.080000000
## 5388          0.000000          31          558.333333 0.000000000
## 5389          0.000000           7           94.333333 0.000000000
## 5390          0.000000          19          760.250000 0.000000000
## 5391          0.000000           3          189.000000 0.000000000
## 5392          0.000000          25          981.000000 0.024000000
## 5393          0.000000          10          123.000000 0.000000000
## 5394          0.000000          25          773.559524 0.000000000
## 5395          0.000000          29          944.916667 0.000000000
## 5396          0.000000           7          155.000000 0.066666667
## 5397          0.000000          11          418.000000 0.000000000
## 5398         34.000000          57         1092.364286 0.000000000
## 5399          0.000000          19          485.083333 0.000000000
## 5400          0.000000          27          672.583333 0.012500000
## 5401          0.000000           7          151.500000 0.000000000
## 5402        214.166667          39         1022.474026 0.000833333
## 5403          0.000000          11          765.166667 0.000000000
## 5404          0.000000          48         2235.000000 0.004347826
## 5405         48.000000           9          259.500000 0.000000000
## 5406          0.000000          24          324.000000 0.104166667
## 5407          0.000000           4           48.000000 0.050000000
## 5409          0.000000          48         2207.833333 0.001041667
## 5410          0.000000          18          512.833333 0.021052632
## 5411          0.000000         176         4126.353297 0.001363636
## 5412          0.000000          19          837.366667 0.021052632
## 5413          0.000000           8           72.000000 0.025000000
## 5414         61.000000          68         1986.251515 0.000000000
## 5415          0.000000          72         2347.716667 0.028169014
## 5416          0.000000           4           13.000000 0.133333333
## 5417          0.000000          17          287.500000 0.066666667
## 5418          0.000000          10          497.100000 0.000000000
## 5419          0.000000           4         1245.000000 0.000000000
## 5420        285.000000          90         3262.350896 0.003125000
```

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## 5421          31.000000          47          1541.327451 0.000653595
## 5422           0.000000           3           125.000000 0.050000000
## 5423          46.000000          80          1793.777778 0.017857143
## 5424           0.000000          26           885.000000 0.000000000
## 5425           0.000000          36           646.285714 0.000000000
## 5426         126.000000         146          7253.676493 0.006570513
## 5427           0.000000           4            55.000000 0.000000000
## 5428           2.000000          25           344.321429 0.006172840
## 5429           0.000000           4            21.666667 0.000000000
## 5430           0.000000           4           334.000000 0.080000000
## 5431           0.000000           1             0.000000 0.200000000
## 5432           0.000000          28           608.522727 0.015384615
## 5433           0.000000           4             4.000000 0.125000000
## 5434           0.000000          56          1977.385088 0.000000000
## 5435          20.000000          11          1569.166667 0.013333333
## 5436           0.000000          31           806.500000 0.000000000
## 5437           0.000000          36           631.306863 0.021142857
## 5438          35.000000          33           782.083333 0.000000000
## 5439           0.000000          12           347.000000 0.000000000
## 5440           0.000000          32          1562.333333 0.038709677
## 5441         493.500000          36          1199.522619 0.004761905
## 5442           0.000000          18           299.500000 0.015789474
## 5443           0.000000          18           103.833333 0.033333333
## 5444           0.000000          22          2250.083333 0.000000000
## 5445           0.000000           3            82.000000 0.040000000
## 5446           0.000000           6           747.000000 0.033333333
## 5447           0.000000           8           298.690476 0.000000000
## 5448           0.000000          58          1572.273810 0.003870968
## 5449           0.000000          14           241.769231 0.000000000
## 5450         116.000000          84          2839.750000 0.000000000
## 5451           0.000000          17           275.702381 0.040000000
## 5452           0.000000          39           681.761905 0.015384615
## 5453           0.000000           5            95.500000 0.000000000
## 5454          79.000000          35          2072.666667 0.007207207
## 5455           0.000000          13           214.250000 0.091666667
## 5456           0.000000           1           207.570248 0.000000000
## 5457           0.000000          11           201.133333 0.000000000
## 5458           0.000000           3           120.400000 0.000000000
## 5459           0.000000          50          1342.083333 0.000000000
## 5460           0.000000           2             7.000000 0.000000000
## 5461           0.000000          28           608.883333 0.009375000
## 5462           0.000000          15           315.400000 0.000000000
## 5463           0.000000          20           419.600000 0.038095238
## 5464         120.800000           7            80.500000 0.000000000
## 5465           0.000000          57          1721.906667 0.000000000
## 5466           0.000000          48          2307.661212 0.025510204
## 5467           0.000000           4            41.400000 0.075000000
## 5468           0.000000          31           652.376667 0.012121212
## 5469          80.600000         180          6512.010952 0.002645503
## 5470           0.000000          36           493.303390 0.000000000
## 5471           0.000000          17           209.700000 0.023529412
## 5472           0.000000           5            68.400000 0.000000000
## 5473           0.000000           7           942.800000 0.000000000
## 5474           0.000000          91          5692.211713 0.006451613
```

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## 5475          0.000000          4          106.800000 0.000000000
## 5476        332.080000         34         1011.016667 0.018918919
## 5477          0.000000         16          307.616667 0.000000000
## 5478          0.000000         22          701.016667 0.000000000
## 5479          0.000000         14          478.600000 0.043750000
## 5480          0.000000         13          710.066667 0.000000000
## 5481          0.000000          3          259.000000 0.000000000
## 5482          0.000000         34         1228.500000 0.039705882
## 5483          0.000000         31         1514.300000 0.036363636
## 5484          0.000000         10          278.433333 0.007142857
## 5485          0.000000          6           86.533333 0.000000000
## 5486          0.000000         25          528.966667 0.007692308
## 5487          0.000000         25          402.750000 0.015384615
## 5488          0.000000          1            0.000000 0.100000000
## 5489          0.000000         26         2988.883333 0.000000000
## 5490          0.000000         42          844.580000 0.059523810
## 5491          2.000000         27          407.683333 0.006666667
## 5492          0.000000         30          964.466667 0.000000000
## 5493          0.000000         12          201.600000 0.026666667
## 5494          0.000000         13          523.600000 0.000000000
## 5495          0.000000         24          968.692424 0.000000000
## 5496          0.000000          4          207.933333 0.000000000
## 5497          0.000000         16         1062.666667 0.000000000
## 5498        102.800000         77         2697.022104 0.000000000
## 5499          0.000000         22         2707.386667 0.000000000
## 5500          0.000000          6          303.100000 0.028571429
## 5501          0.000000         66         3572.241757 0.005797101
## 5502          0.000000          2           12.000000 0.100000000
## 5503          0.000000         38         3287.000000 0.036842105
## 5504          0.000000         47          902.770000 0.022222222
## 5505          0.000000          1            0.000000 0.200000000
## 5506          0.000000         16          519.866667 0.000000000
## 5507          0.000000         33         1091.394074 0.000000000
## 5508          0.000000         14          349.576190 0.000000000
## 5509          0.000000         70         1087.700000 0.000000000
## 5510        204.346667         69         1182.432333 0.000684932
## 5511          0.000000         16         1254.000000 0.000000000
## 5512          0.000000         40          778.833333 0.000000000
## 5513       2195.300000         21          378.400000 0.029629630
## 5514          0.000000        133         2248.914286 0.012077922
## 5515          0.000000         30          558.611111 0.009090909
## 5516          0.000000         12          191.100000 0.000000000
## 5517          0.000000         11          267.566667 0.000000000
## 5518       1093.300000         66         4152.763100 0.014979592
## 5519          0.000000         16          645.200000 0.012500000
## 5520          0.000000         40          991.715547 0.008888889
## 5521          3.000000         73         1677.666667 0.010666667
## 5522          0.000000          5          354.900000 0.000000000
## 5523          0.000000          3           74.600000 0.000000000
## 5524          0.000000         96         1304.973333 0.003921569
## 5525          0.000000          6           95.000000 0.028571429
## 5526          0.000000         28          873.640000 0.000000000
## 5527          0.000000         80         1807.227778 0.016091954
## 5528          0.000000        104         1667.158421 0.000000000
```

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## 5529          0.000000          8          227.100000 0.022222222
## 5530          0.000000         14          331.300000 0.000000000
## 5531          0.000000          7          118.913333 0.000000000
## 5532          0.000000         12          165.400000 0.012500000
## 5533         42.200000          6          147.900000 0.000000000
## 5534          0.000000         11          203.000000 0.000000000
## 5535          0.000000          5          165.100000 0.000000000
## 5536          0.000000         37         1553.523810 0.005128205
## 5537          0.000000         38          777.414615 0.004255319
## 5538          0.000000          0            0.000000 0.000000000
## 5539          0.000000         32          441.604545 0.000000000
## 5540          0.000000         23          897.190000 0.000000000
## 5541          0.000000          7          352.700000 0.000000000
## 5542          0.000000         11          214.053333 0.016666667
## 5543          0.000000         25          278.136667 0.000000000
## 5544         14.200000          8           66.533333 0.000000000
## 5545          0.000000         22         1321.700000 0.000000000
## 5546          0.000000         26         1570.133333 0.000000000
## 5547          0.000000         20         1893.466667 0.000000000
## 5548          0.000000         34         1070.098072 0.018627451
## 5549          0.000000         26         1114.733333 0.015384615
## 5550          0.000000         22          469.540000 0.000000000
## 5551          0.000000         29         1582.533333 0.006666667
## 5552          0.000000          3           33.200000 0.000000000
## 5553         88.600000         35          682.183333 0.000000000
## 5554          0.000000         11          287.500000 0.000000000
## 5555          0.000000         48         1939.571111 0.003773585
## 5556        269.800000         99         3611.978569 0.000641026
## 5557          0.000000         27         1555.967143 0.000000000
## 5558          0.000000          0            0.000000 0.200000000
## 5559          0.000000          8          413.000000 0.000000000
## 5560          0.000000          3           62.400000 0.000000000
## 5561          0.000000         33          889.366667 0.000000000
## 5562          9.000000         83         4306.612355 0.001075269
## 5563          0.000000         15         1069.700000 0.000000000
## 5564          0.000000         81         1199.616667 0.000000000
## 5565          0.000000         84         1893.619048 0.016825397
## 5566         33.200000         64         1324.680000 0.000000000
## 5567          0.000000         16          230.566667 0.000000000
## 5568          0.000000          8           98.566667 0.066666667
## 5569          0.000000          3           33.200000 0.133333333
## 5570        306.100000         41         5194.857143 0.001754386
## 5571          0.000000         20          342.686667 0.000000000
## 5572          0.000000         41         2517.583333 0.007751938
## 5573          0.000000         25          806.500000 0.000000000
## 5574          0.000000         24          348.033333 0.077777778
## 5575          0.000000          9          283.700000 0.018181818
## 5576          0.000000         50          907.236364 0.020411523
## 5577          0.000000         10          122.166667 0.000000000
## 5578          0.000000          8          259.200000 0.000000000
## 5579          0.000000          3           58.200000 0.066666667
## 5580          0.000000          6           47.133333 0.040000000
## 5581          0.000000          1            0.000000 0.000000000
## 5582          0.000000         73         2000.618333 0.000000000
```

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## 5583          0.000000          4          140.000000 0.050000000
## 5584          0.000000        106         4143.175238 0.019711538
## 5585         31.200000         45          812.287389 0.000000000
## 5586        657.833333        140         3252.200476 0.005479452
## 5587          0.000000         20          471.477778 0.000000000
## 5588          0.000000         41          764.133333 0.000000000
## 5589          0.000000         21         1275.900000 0.052380952
## 5590          0.000000          8          458.500000 0.025000000
## 5591          0.000000          4           86.360000 0.062500000
## 5592          0.000000          9          152.600000 0.044444444
## 5593          0.000000         13          420.246667 0.042105263
## 5594          0.000000          5          136.100000 0.066666667
## 5595          0.000000          1            0.000000 0.200000000
## 5596          0.000000         63         1779.163333 0.003278689
## 5597          0.000000        145         5175.377371 0.002666667
## 5598        191.866667        189         3428.527381 0.018642295
## 5599          0.000000          7          137.000000 0.000000000
## 5600         28.200000         35         1356.866667 0.000000000
## 5601         69.600000        120         5771.466862 0.002755906
## 5602          0.000000          2            0.000000 0.200000000
## 5603          0.000000         21          479.585714 0.005000000
## 5604          0.000000         13          131.200000 0.000000000
## 5605          0.000000         13          161.866667 0.000000000
## 5606          0.000000          8          261.800000 0.010000000
## 5607        118.100000         10          184.100000 0.000000000
## 5608          0.000000          7          555.400000 0.044444444
## 5609          0.000000         38         2621.621429 0.021212121
## 5610          0.000000         19          230.200000 0.000000000
## 5611          0.000000          8          191.150000 0.000000000
## 5612          0.000000          2            4.000000 0.000000000
## 5613          0.000000         10           45.200000 0.080000000
## 5614         45.266667         10          136.066667 0.000000000
## 5615          0.000000          9          128.500000 0.036363636
## 5616          0.000000         15         2653.500000 0.000000000
## 5617          0.000000          3           27.200000 0.000000000
## 5618        199.100000         94         6186.172260 0.022541254
## 5619          0.000000          3           58.400000 0.000000000
## 5620          0.000000         24         1163.266667 0.061111111
## 5621          0.000000         17          440.226190 0.026315789
## 5622          0.000000         37         1489.590909 0.009459459
## 5623          0.000000          0            0.000000 0.000000000
## 5624          0.000000         58         1590.420000 0.010344828
## 5625          0.000000         20          545.100000 0.010000000
## 5626          0.000000         13          517.400000 0.000000000
## 5627          0.000000          3          275.000000 0.000000000
## 5628          0.000000          9          199.133333 0.000000000
## 5629          0.000000         24          583.000000 0.000000000
## 5630          0.000000         41         1556.523333 0.005681818
## 5631          0.000000         17          328.300000 0.000000000
## 5632          0.000000         11          572.600000 0.000000000
## 5633          0.000000         46         2031.506667 0.013043478
## 5634          0.000000          8          129.761111 0.017857143
## 5635          0.000000         25          307.700000 0.007692308
## 5636          0.000000         15          276.733333 0.010526316
```

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## 5637                0.000000             13              187.000000 0.000000000
## 5638                0.000000            131             4044.465674 0.008889185
## 5639                0.000000            111             4208.752099 0.003477744
## 5640                0.000000            193             7548.633333 0.013471503
## 5641                0.000000             11              267.300000 0.000000000
## 5642                0.000000             57              820.363636 0.035087719
## 5643                0.000000             32              791.800000 0.021621622
## 5644                0.000000             35             2518.266667 0.010256410
## 5645                0.000000             33             1804.011111 0.000000000
## 5646                0.000000             33              781.516667 0.005555556
## 5647                0.000000             25              510.380000 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
```

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## 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
```

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## 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
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## 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
## 160  0.200000000   0.0000000        0.0   Feb                3       2       3
## 161  0.018840580   0.0000000        0.6   Feb                1       1       4
## 162  0.040606061   0.0000000        0.0   Feb                1       1       1
## 163  0.012463768   0.0000000        0.0   Feb                1       1       1
## 164  0.016666667   0.0000000        0.4   Feb                1       1       3
## 165  0.011594203   0.0000000        0.6   Feb                2       2       1
## 166  0.033333333   0.0000000        0.0   Feb                1       1       3
## 167  0.040000000   0.0000000        0.0   Feb                2       2       1
## 168  0.166666667   0.0000000        0.0   Feb                2       2       1
## 169  0.063636364   0.0000000        0.0   Feb                2       4       6
## 170  0.014500000   0.0000000        0.8   Feb                3       2       7
## 171  0.019166667   0.0000000        0.8   Feb                1       1       2
## 172  0.033333333   0.0000000        0.0   Feb                2       4       1
## 173  0.100000000   0.0000000        0.6   Feb                1       1       1
## 174  0.200000000   0.0000000        0.8   Feb                1       1       1
## 175  0.008602151   0.0000000        1.0   Feb                2       2       8
## 176  0.015384615   0.0000000        0.0   Feb                1       1       2
## 177  0.014285714   0.0000000        0.0   Feb                1       1       6
## 178  0.047002635   0.0000000        0.0   Feb                1       1       1
## 180  0.033333333   0.0000000        0.6   Feb                1       1       6
## 181  0.011764706   0.0000000        0.0   Feb                3       2       6
## 182  0.200000000   0.0000000        0.6   Feb                4       2       1
## 183  0.200000000   0.0000000        0.0   Feb                2       4       1
## 184  0.025000000   0.0000000        0.8   Feb                3       2       1
## 185  0.012764202   0.0000000        0.0   Mar                2       2       1
## 186  0.027248677   8.0007407        0.0   Mar                1       1       3
## 187  0.006339869   0.0000000        0.0   Mar                2       2       3
## 188  0.013509414   0.0000000        0.0   Mar                3       2       6
## 189  0.020708874   1.7060150        0.0   Mar                2       2       7
## 190  0.016727891  46.5301751        0.0   Mar                2       2       1
## 191  0.200000000   0.0000000        0.0   Mar                1       1       1
## 192  0.096000000   0.0000000        0.0   Mar                2       2       1
## 193  0.020000000   0.0000000        0.0   Mar                1       1       1
## 194  0.066666667   0.0000000        0.0   Mar                2       2       3
## 195  0.057662338   0.0000000        0.0   Mar                1       1       7
## 196  0.010173465   0.0000000        0.0   Mar                1       1       1
## 197  0.005797101  19.3426502        0.0   Mar                2       2       4
## 198  0.061406250   0.0000000        0.0   Mar                2       2       1
## 199  0.001666667 109.1760000        0.0   Mar                2       2       9
## 200  0.001724138  96.2551158        0.0   Mar                2       4       1
## 201  0.004000000 153.4432478        0.0   Mar                2       2       7
## 202  0.040000000   0.0000000        0.0   Mar                1       1       1
## 203  0.004166667   0.0000000        0.0   Mar                1       1       1
## 204  0.088888889   0.0000000        0.0   Mar                1       2       1
## 205  0.008333333   0.0000000        0.0   Mar                3       2       1
## 206  0.005263158   0.0000000        0.0   Mar                2       2       5
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## 207  0.012500000  33.7995670        0.0   Mar                2       5       2
## 208  0.028571429   0.0000000        0.0   Mar                2       2       7
## 209  0.016666667   0.0000000        0.0   Mar                3       2       7
## 210  0.043750000   0.0000000        0.0   Mar                2       4       1
## 211  0.037500000   0.0000000        0.0   Mar                3       2       3
## 212  0.049523810   0.0000000        0.0   Mar                2       6       3
## 213  0.050000000   0.0000000        0.0   Mar                3       2       8
## 214  0.033333333   0.0000000        0.0   Mar                1       2       6
## 215  0.042857143   0.0000000        0.0   Mar                2       2       1
## 216  0.020000000   0.0000000        0.0   Mar                2       2       4
## 217  0.066666667   0.0000000        0.0   Mar                1       2       7
## 218  0.028571429   0.0000000        0.0   Mar                2       4       2
## 219  0.075000000   0.0000000        0.0   Mar                2       2       3
## 220  0.066666667   0.0000000        0.0   Mar                2       4       3
## 221  0.013333333  35.0928000        0.0   Mar                2       2       5
## 222  0.120000000   0.0000000        0.0   Mar                2       2       1
## 223  0.150000000   0.0000000        0.0   Mar                3       2       1
## 224  0.020000000   0.0000000        0.0   Mar                2       2       1
## 225  0.009150327   0.0000000        0.0   Mar                3       2       4
## 226  0.100000000   0.0000000        0.0   Mar                2       2       3
## 227  0.006578947   0.0000000        0.0   Mar                2       2       4
## 228  0.022222222   0.0000000        0.0   Mar                2       2       1
## 229  0.013333333  17.7626667        0.0   Mar                2       2       1
## 230  0.021052632   0.0000000        0.0   Mar                2       2       1
## 231  0.020666667   7.1462609        0.0   Mar                2       2       7
## 232  0.014666667   0.0000000        0.0   Mar                2       2       3
## 233  0.033333333   0.0000000        0.0   Mar                4       1       1
## 234  0.019230769  22.0327692        0.0   Mar                2       2       3
## 235  0.044210526   0.0000000        0.0   Mar                3       2       2
## 236  0.014081633   0.0000000        0.0   Mar                3       2       2
## 237  0.010600255   0.0000000        0.0   Mar                3       2       1
## 238  0.032225685   0.0000000        0.0   Mar                2       6       1
## 239  0.011111111   0.0000000        0.0   Mar                3       2       2
## 240  0.040000000   0.0000000        0.0   Mar                2       2       4
## 241  0.036550087   0.0000000        0.0   Mar                2       2       2
## 242  0.031818182   0.0000000        0.0   Mar                2       5       1
## 243  0.046470588   0.0000000        0.0   Mar                2       2       8
## 244  0.030833333   0.0000000        0.0   Mar                2       2       1
## 245  0.009523810   0.0000000        0.0   Mar                2      10       1
## 246  0.019354839   0.0000000        0.0   Mar                4       1       1
## 247  0.041025641   0.0000000        0.0   Mar                2       2       8
## 248  0.048148148   0.0000000        0.0   Mar                3       3       1
## 249  0.018052760   4.3685156        0.0   Mar                2       2       3
## 250  0.015201207   0.0000000        0.0   Mar                3       2       2
## 251  0.022253906   0.0000000        0.0   Mar                3       2       9
## 252  0.050000000   0.0000000        0.0   Mar                2       5       1
## 253  0.200000000   0.0000000        0.0   Mar                1       1       1
## 254  0.120000000   0.0000000        0.0   Mar                2       5       2
## 255  0.100000000   0.0000000        0.0   Mar                2       2       5
## 256  0.025666667   0.0000000        0.0   Mar                1       1       1
## 257  0.050000000   0.0000000        0.0   Mar                3       2       3
## 258  0.020000000   0.0000000        0.0   Mar                1       1       7
## 259  0.010370370   0.0000000        0.0   Mar                1       1       3
## 260  0.033333333   0.0000000        0.0   Mar                2       2       1
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## 261  0.033862434   0.0000000        0.0   Mar                7       1       6
## 262  0.200000000   0.0000000        0.0   Mar                3       3       5
## 263  0.018709677   8.7724731        0.0   Mar                2       2       3
## 264  0.066666667   0.0000000        0.0   Mar                2       2       1
## 265  0.020000000   0.0000000        0.0   Mar                2       2       7
## 266  0.003329865  51.4633115        0.0   Mar                2       5       3
## 267  0.011666667   0.0000000        0.0   Mar                1       8       7
## 268  0.040000000   0.0000000        0.0   Mar                2       2       1
## 269  0.033846154   0.0000000        0.0   Mar                2       4       1
## 270  0.016666667   0.0000000        0.0   Mar                1       1       1
## 271  0.053571429   0.0000000        0.0   Mar                3       2       1
## 272  0.200000000   0.0000000        0.0   Mar                2       5       1
## 273  0.014285714   0.0000000        0.0   Mar                1       1       1
## 274  0.004545455   0.0000000        0.0   Mar                2       5       3
## 275  0.013333333   0.0000000        0.0   Mar                1       1       2
## 276  0.050000000   0.0000000        0.0   Mar                2       5       6
## 277  0.016666667  38.9900000        0.0   Mar                1       1       1
## 278  0.050000000   0.0000000        0.0   Mar                4       2       9
## 279  0.025000000   0.0000000        0.0   Mar                2       2       2
## 280  0.039583333   0.0000000        0.0   Mar                2       2       3
## 281  0.033333333   0.0000000        0.0   Mar                2       2       1
## 282  0.020000000  53.9892000        0.0   Mar                2       2       1
## 283  0.026186255   6.8317924        0.0   Mar                3       2       2
## 284  0.044444444   0.0000000        0.0   Mar                2       2       4
## 285  0.050000000   0.0000000        0.0   Mar                3       9       9
## 286  0.038095238   0.0000000        0.0   Mar                2       2       2
## 287  0.200000000   0.0000000        0.0   Mar                2       2       1
## 288  0.024761905   0.0000000        0.0   Mar                2       2       1
## 289  0.007722385   0.0000000        0.0   Mar                2       2       5
## 290  0.050000000   0.0000000        0.0   Mar                1       1       1
## 291  0.022643039   0.0000000        0.0   Mar                3       2       6
## 292  0.011111111   0.0000000        0.0   Mar                2       2       3
## 293  0.037476190   0.0000000        0.0   Mar                3       2       2
## 294  0.200000000   0.0000000        0.0   Mar                1       1       1
## 295  0.012500000  44.6792500        0.0   Mar                2       2       1
## 296  0.014285714  59.7901429        0.0   Mar                3       2       1
## 297  0.022424242   0.0000000        0.0   Mar                2       5       1
## 298  0.031907308   0.0000000        0.0   Mar                3       2       1
## 299  0.200000000   0.0000000        0.0   Mar                1       1       8
## 300  0.022222222   0.0000000        0.0   Mar                2       2       1
## 301  0.002272727   0.0000000        0.0   Mar                1       1       1
## 302  0.026666667   0.0000000        0.0   Mar                2       2       2
## 303  0.200000000   0.0000000        0.0   Mar                3       2       3
## 304  0.044761905   0.0000000        0.0   Mar                2       2       6
## 305  0.050000000   0.0000000        0.0   Mar                3       2       1
## 306  0.100000000   0.0000000        0.0   Mar                3       2       3
## 307  0.100000000   0.0000000        0.0   Mar                2       2       1
## 308  0.100000000   0.0000000        0.0   Mar                2       2       1
## 309  0.025555556   0.0000000        0.0   Mar                3       2       4
## 310  0.016000000   0.0000000        0.0   Mar                1       1       4
## 311  0.028965517   0.0000000        0.0   Mar                2       2       1
## 312  0.066666667   0.0000000        0.0   Mar                2       5       1
## 313  0.110000000   0.0000000        0.0   Mar                2       2       1
## 314  0.014814815   0.0000000        0.0   Mar                3       2       1
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## 315  0.008681765   0.0000000        0.0   Mar                1       1      6
## 316  0.009696970   0.0000000        0.0   Mar                1       2      1
## 317  0.100000000   0.0000000        0.0   Mar                4       1      1
## 318  0.025000000   0.0000000        0.0   Mar                2       2      1
## 319  0.040000000   0.0000000        0.0   Mar                2       2      1
## 320  0.010370370   0.0000000        0.0   Mar                4       1      1
## 321  0.038373016   7.1030208        0.0   Mar                3       2      6
## 322  0.040000000   0.0000000        0.0   Mar                2       2      4
## 323  0.020000000   0.0000000        0.0   Mar                2       2      9
## 324  0.016410256   0.0000000        0.0   Mar                2       2      1
## 325  0.000175593   0.0000000        0.0   Mar                1       2      6
## 326  0.028571429   0.0000000        0.0   Mar                2       2      1
## 327  0.050000000   0.0000000        0.0   Mar                2       2      1
## 328  0.026666667   0.0000000        0.0   Mar                1       1      1
## 329  0.003571429   0.0000000        0.0   Mar                3       2      1
## 330  0.011111111   0.0000000        0.0   Mar                3       2      8
## 331  0.200000000   0.0000000        0.0   Mar                3       2      3
## 332  0.002222222   0.0000000        0.0   Mar                4       2      1
## 333  0.023611111   0.0000000        0.0   Mar                1       2      1
## 334  0.009213675   0.0000000        0.0   Mar                2       2      1
## 335  0.017324561   0.0000000        0.0   Mar                2       2      3
## 336  0.019047619   0.0000000        0.0   Mar                2       2      3
## 337  0.028571429   0.0000000        0.0   Mar                3       2      1
## 338  0.011904762   0.0000000        0.0   Mar                2       2      1
## 339  0.025000000   0.0000000        0.0   Mar                2       2      1
## 340  0.005057471   0.0000000        0.0   Mar                3       2      1
## 341  0.014285714   0.0000000        0.0   Mar                2       2      1
## 342  0.200000000   0.0000000        0.0   Mar                2       2      4
## 343  0.125000000   0.0000000        0.0   Mar                1       1      1
## 344  0.037333333   0.0000000        0.0   Mar                1       1      8
## 345  0.200000000   0.0000000        0.0   Mar                2       2      8
## 346  0.008000000   0.0000000        0.0   Mar                3       2      3
## 347  0.033333333   0.0000000        0.0   Mar                2       2      4
## 348  0.021367521   0.0000000        0.0   Mar                1       1      1
## 349  0.009876543   0.0000000        0.0   Mar                2      10      1
## 350  0.016666667   0.0000000        0.0   Mar                3       2      2
## 351  0.006250000   0.0000000        0.0   Mar                2       2      1
## 352  0.040000000   0.0000000        0.0   Mar                2       5      7
## 353  0.016666667  19.6681855        0.0   Mar                2       2      3
## 354  0.004371585   0.0000000        0.0   Mar                2       2      6
## 355  0.011111111   0.0000000        0.0   Mar                2       2      2
## 356  0.003333333   9.2270010        0.0   Mar                2       4      1
## 357  0.200000000   0.0000000        0.0   Mar                2       2      4
## 358  0.028030303   0.0000000        0.0   Mar                2       6      2
## 359  0.005555556   0.0000000        0.0   Mar                2       2      1
## 360  0.200000000   0.0000000        0.0   Mar                3       2      1
## 361  0.008000000   0.0000000        0.0   Mar                2       2      1
## 362  0.071428571   0.0000000        0.0   Mar                2       2      1
## 363  0.050000000   0.0000000        0.0   Mar                2       4      3
## 364  0.047905093   0.0000000        0.0   Mar                1       1      3
## 365  0.010000000   0.0000000        0.0   Mar                1       1      1
## 366  0.007692308  34.4360188        0.0   Mar                2       2      9
## 367  0.053846154   0.0000000        0.0   Mar                2       2      4
## 368  0.009438427  12.0165655        0.0   Mar                3       2      5
```

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## 369  0.033333333   0.0000000        0.0   Mar                2       5       2
## 370  0.030452675   0.0000000        0.0   Mar                2       4       4
## 371  0.027742165   0.0000000        0.0   Mar                1       1       4
## 372  0.040000000   0.0000000        0.0   Mar                2       2       9
## 373  0.006250000   0.0000000        0.0   Mar                3       2       1
## 374  0.029431012   0.0000000        0.0   Mar                2       2       3
## 375  0.100000000   0.0000000        0.0   Mar                2       2       3
## 376  0.057142857   0.0000000        0.0   Mar                3       2       4
## 377  0.010588235   0.0000000        0.0   Mar                2       2       5
## 378  0.033504762   0.0000000        0.0   Mar                2       2       1
## 379  0.034933333   0.0000000        0.0   Mar                3       2       8
## 380  0.014000000  16.1438400        0.0   Mar                1       1       4
## 381  0.100000000   0.0000000        0.0   Mar                1       1       5
## 382  0.133333333   0.0000000        0.0   Mar                2       4       1
## 383  0.038095238   0.0000000        0.0   Mar                1       5       7
## 384  0.200000000   0.0000000        0.0   Mar                2       2       2
## 385  0.020655014   2.8108125        0.0   Mar                1       1       4
## 386  0.100000000   0.0000000        0.0   Mar                3       2       4
## 387  0.028571429   0.0000000        0.0   Mar                2       2       1
## 388  0.025000000   0.0000000        0.0   Mar                2       2       6
## 389  0.061688312   0.0000000        0.0   Mar                3       2       1
## 390  0.035000000   0.0000000        0.0   Mar                3       2       2
## 391  0.019797366  27.2688801        0.0   Mar                2       2       1
## 392  0.085714286   0.0000000        0.0   Mar                3       2       8
## 393  0.029870130   0.0000000        0.0   Mar                3       2       3
## 394  0.051562500   0.0000000        0.0   Mar                1       1       2
## 395  0.022222222   0.0000000        0.0   Mar                1       1       1
## 396  0.006501458   0.0000000        0.0   Mar                1       1       4
## 397  0.003333333   0.0000000        0.0   Mar                3       2       2
## 398  0.020644542   0.0000000        0.0   Mar                2       2       1
## 399  0.200000000   0.0000000        0.0   Mar                2       4       1
## 400  0.013342491  11.9200961        0.0   Mar                2       2       7
## 401  0.016410256  78.9348356        0.0   Mar                3       3       2
## 402  0.026666667   0.0000000        0.0   Mar                2       2       1
## 403  0.008695652   0.0000000        0.0   Mar                1       1       3
## 404  0.020449173   0.0000000        0.0   Mar                2       2       6
## 405  0.014259259   0.0000000        0.0   Mar                3       2       1
## 406  0.016250000   0.0000000        0.0   Mar                2       2       9
## 407  0.008000000   0.0000000        0.0   Mar                4       2       1
## 408  0.100000000   0.0000000        0.0   Mar                2       6       1
## 409  0.008108108  15.8890636        0.0   Mar                1       2       1
## 410  0.012500000   0.0000000        0.0   Mar                2       2       6
## 411  0.006250000   0.0000000        0.0   Mar                2       4       7
## 412  0.010526316   0.0000000        0.0   Mar                1       1       6
## 413  0.001709402   0.0000000        0.0   Mar                1       2       3
## 414  0.025000000   0.0000000        0.0   Mar                3       2       1
## 415  0.028571429   0.0000000        0.0   Mar                1       1       8
## 416  0.019540230   0.0000000        0.0   Mar                2       2       3
## 417  0.012500000  11.9955404        0.0   Mar                2       2       1
## 418  0.066666667   0.0000000        0.0   Mar                2       2       2
## 420  0.100000000   0.0000000        0.0   Mar                1       2       9
## 421  0.017543860   0.0000000        0.0   Mar                2       5       1
## 422  0.200000000   0.0000000        0.0   Mar                3       2       2
## 423  0.018918919   0.0000000        0.0   Mar                2       2       1
```

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## 424  0.055555556   0.0000000        0.0   Mar                2       5      6
## 425  0.007285123  18.3680492        0.0   Mar                2       2      1
## 426  0.012500000   0.0000000        0.0   Mar                2       2      1
## 427  0.200000000   0.0000000        0.0   Mar                2       2      1
## 428  0.040000000   0.0000000        0.0   Mar                2      10      4
## 429  0.003846154   0.0000000        0.0   Mar                2       2      1
## 430  0.200000000   0.0000000        0.0   Mar                2       2      4
## 431  0.040444444   0.0000000        0.0   Mar                2       4      3
## 432  0.008333333   0.0000000        0.0   Mar                3       2      1
## 433  0.018181818   0.0000000        0.0   Mar                2       2      3
## 434  0.006060606   0.0000000        0.0   Mar                3       2      3
## 435  0.100000000   0.0000000        0.0   Mar                3       2      1
## 436  0.011764706   0.0000000        0.0   Mar                2       2      3
## 437  0.025000000   0.0000000        0.0   Mar                2       5      2
## 438  0.025000000   0.0000000        0.0   Mar                3       3      2
## 439  0.026984127   0.0000000        0.0   Mar                2       2      2
## 440  0.013333333   0.0000000        0.0   Mar                2       2      5
## 441  0.002903226   0.0000000        0.0   Mar                2       2      4
## 442  0.037894737   0.0000000        0.0   Mar                2       2      4
## 443  0.046153846   0.0000000        0.0   Mar                2       2      4
## 444  0.002222222   0.0000000        0.0   Mar                1       8      4
## 445  0.066666667   0.0000000        0.0   Mar                1       1      3
## 446  0.050000000   0.0000000        0.0   Mar                3       2      1
## 447  0.037765568   0.0000000        0.0   Mar                2       2      3
## 448  0.033333333   0.0000000        0.0   Mar                1       1      8
## 449  0.019314286  17.5276560        0.0   Mar                1       1      4
## 450  0.018181818   0.0000000        0.0   Mar                1       1      3
## 451  0.053333333   0.0000000        0.0   Mar                2       2      1
## 452  0.010000000   0.0000000        0.0   Mar                1       1      1
## 453  0.036507937   0.0000000        0.0   Mar                2       2      6
## 454  0.036000000   0.0000000        0.0   Mar                2       2      1
## 455  0.006451613   0.0000000        0.0   Mar                2       2      3
## 456  0.040000000   0.0000000        0.0   Mar                3       3      3
## 458  0.012500000  61.9395000        0.0   Mar                2       2      1
## 459  0.200000000   0.0000000        0.0   Mar                2       5      5
## 460  0.007142857   0.0000000        0.0   Mar                2       2      1
## 461  0.007142857   0.0000000        0.0   Mar                3       2      1
## 462  0.053571429   0.0000000        0.0   Mar                3       2      1
## 463  0.014285714   0.0000000        0.0   Mar                3       2      4
## 464  0.025000000   0.0000000        0.0   Mar                2       2      3
## 465  0.055000000   0.0000000        0.0   Mar                1       1      1
## 466  0.059846154   0.0000000        0.0   Mar                3       2      2
## 467  0.010000000   0.0000000        0.0   Mar                2       2      4
## 468  0.025000000   0.0000000        0.0   Mar                2       2      6
## 469  0.200000000   0.0000000        0.0   Mar                2       5      1
## 470  0.046666667   0.0000000        0.0   Mar                1       1      2
## 471  0.039247312   8.6827419        0.0   Mar                2       4      5
## 472  0.116666667   0.0000000        0.0   Mar                2       4      3
## 473  0.133333333   0.0000000        0.0   Mar                1       1      8
## 474  0.035897436   0.0000000        0.0   Mar                3       2      1
## 475  0.021666667   0.0000000        0.0   Mar                2       5      1
## 476  0.044444444   0.0000000        0.0   Mar                1       1      3
## 477  0.008510638   9.7021133        0.0   Mar                2       4      1
## 478  0.019871795   7.2562191        0.0   Mar                2       2      3
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## 479  0.032380952   0.0000000        0.0   Mar                3       2       3
## 480  0.200000000   0.0000000        0.0   Mar                2       2       3
## 481  0.047105263   0.0000000        0.0   Mar                2       2       1
## 482  0.042857143   0.0000000        0.0   Mar                1       1       3
## 483  0.034848485   0.0000000        0.0   Mar                4       1       6
## 485  0.014285714   0.0000000        0.0   Mar                1       1       8
## 486  0.076923077   0.0000000        0.0   Mar                2       6       4
## 487  0.050000000   0.0000000        0.0   Mar                2       2       3
## 488  0.025000000   0.0000000        0.0   Mar                2       2       7
## 489  0.066666667   0.0000000        0.0   Mar                2       2       9
## 490  0.014814815  10.1022222        0.0   Mar                1       1       1
## 491  0.014285714   0.0000000        0.0   Mar                1       1       1
## 492  0.100000000   0.0000000        0.0   Mar                3       2       3
## 493  0.035714286   0.0000000        0.0   Mar                4       2       1
## 494  0.100000000   0.0000000        0.0   Mar                2       2       6
## 495  0.025000000   0.0000000        0.0   Mar                2       2       1
## 496  0.040476190   0.0000000        0.0   Mar                3       2       1
## 497  0.005555556   0.0000000        0.0   Mar                3       2       7
## 498  0.040000000   0.0000000        0.0   Mar                2       4       1
## 499  0.025000000   0.0000000        0.0   Mar                2       4       6
## 500  0.090000000   0.0000000        0.0   Mar                2       2       1
## 501  0.070000000   0.0000000        0.0   Mar                2       2       4
## 502  0.027272727   0.0000000        0.0   Mar                2       6       2
## 503  0.014008551  25.9670200        0.0   Mar                2       4       2
## 504  0.017259740   9.1623512        0.0   Mar                3       2       1
## 505  0.010493827   1.8657778        0.0   Mar                2       2       3
## 506  0.003571429   0.0000000        0.0   Mar                2       2       6
## 507  0.038461538   0.0000000        0.0   Mar                2       2       3
## 508  0.013793103   0.0000000        0.0   Mar                1       6       1
## 509  0.047348485   0.0000000        0.0   Mar                1       1       1
## 510  0.066666667   0.0000000        0.0   Mar                2       2       3
## 511  0.007425380  33.6117917        0.0   Mar                2       4       9
## 512  0.020602653   0.0000000        0.0   Mar                3       2       3
## 514  0.013333333   7.1696175        0.0   Mar                2       2       1
## 515  0.003174603   0.0000000        0.0   Mar                2       4       7
## 516  0.200000000   0.0000000        0.0   Mar                2       2       4
## 517  0.014705882   0.0000000        0.0   Mar                1       1       2
## 518  0.013043478   0.0000000        0.0   Mar                2       4       1
## 519  0.066666667   0.0000000        0.0   Mar                2       2       3
## 520  0.027272727   0.0000000        0.0   Mar                2       2       1
## 521  0.033333333   0.0000000        0.0   Mar                3       2       1
## 522  0.020000000   0.0000000        0.0   Mar                2       2       1
## 523  0.036410256   0.0000000        0.0   Mar                3       2       2
## 524  0.025000000   0.0000000        0.0   Mar                3       2       1
## 525  0.058577534   0.0000000        0.0   Mar                2       4       3
## 526  0.025000000   0.0000000        0.0   Mar                1       1       8
## 527  0.021212121   0.0000000        0.0   Mar                3       2       5
## 528  0.011111111   0.0000000        0.0   Mar                3       2       6
## 529  0.072222222   0.0000000        0.0   Mar                2       2       4
## 530  0.012500000   0.0000000        0.0   Mar                3       2       3
## 531  0.050000000   0.0000000        0.0   Mar                2       2       1
## 532  0.014634146   0.0000000        0.0   Mar                3       7       3
## 533  0.200000000   0.0000000        0.0   Mar                3       2       7
## 534  0.066666667   0.0000000        0.0   Mar                2       2       2
```

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## 535  0.045833333   0.0000000        0.0   Mar                3       2      7
## 536  0.001190476   0.0000000        0.0   Mar                2       4      3
## 537  0.100000000   0.0000000        0.0   Mar                2       2      1
## 538  0.057142857   0.0000000        0.0   Mar                2       5      2
## 539  0.100000000   0.0000000        0.0   Mar                1       1      1
## 540  0.066666667   0.0000000        0.0   Mar                2       2      3
## 541  0.200000000   0.0000000        0.0   Mar                3       2      3
## 542  0.018965517   0.0000000        0.0   Mar                2       6      7
## 543  0.003703704   0.0000000        0.0   Mar                1       1      7
## 544  0.014035088   0.0000000        0.0   Mar                2       7      1
## 545  0.023983740  22.8015244        0.0   Mar                2       2      1
## 546  0.002222222   0.0000000        0.0   Mar                2       2      7
## 547  0.066666667   0.0000000        0.0   Mar                2       4      1
## 548  0.011111111   0.0000000        0.0   Mar                2       2      3
## 549  0.019047619   0.0000000        0.0   Mar                1       1      1
## 550  0.066666667   0.0000000        0.0   Mar                4       1      1
## 551  0.039924242   0.0000000        0.0   Mar                3       2      1
## 552  0.066666667   0.0000000        0.0   Mar                2      10      4
## 553  0.017153855   0.0000000        0.0   Mar                2       2      1
## 554  0.072727273   0.0000000        0.0   Mar                1       1      3
## 556  0.054545455   0.0000000        0.0   Mar                4       2      1
## 557  0.004166667   0.0000000        0.0   Mar                2       2      7
## 558  0.007894737   0.0000000        0.0   Mar                2       2      4
## 559  0.028571429   0.0000000        0.0   Mar                4       1      1
## 560  0.018181818   0.0000000        0.0   Mar                4       2      1
## 561  0.016500000   0.0000000        0.0   Mar                3       2      8
## 562  0.054545455   0.0000000        0.0   Mar                2       2      1
## 563  0.066666667   0.0000000        0.0   Mar                2       2      7
## 564  0.066666667   0.0000000        0.0   Mar                2       2      7
## 565  0.003500000   0.0000000        0.0   Mar                2       2      3
## 566  0.022500000   0.0000000        0.0   Mar                4       1      2
## 567  0.080000000   0.0000000        0.0   Mar                2       5      2
## 568  0.031250000   0.0000000        0.0   Mar                2       2      1
## 569  0.133333333   0.0000000        0.0   Mar                2       2      1
## 570  0.015384615   0.0000000        0.0   Mar                2       4      1
## 571  0.050000000   0.0000000        0.0   Mar                3       2      3
## 572  0.085714286   0.0000000        0.0   Mar                4       1      4
## 573  0.028571429   0.0000000        0.0   Mar                2       2      1
## 574  0.066666667   0.0000000        0.0   Mar                2       2      1
## 575  0.004308390   0.0000000        0.0   Mar                2       4      1
## 576  0.027174712   3.5411458        0.0   Mar                2       4      1
## 577  0.040000000   0.0000000        0.0   Mar                2       5      1
## 578  0.200000000   0.0000000        0.0   Mar                3       2      6
## 579  0.058333333   0.0000000        0.0   Mar                2       2      6
## 580  0.013333333   0.0000000        0.0   Mar                2       2      1
## 581  0.033846154   0.0000000        0.0   Mar                2       7      7
## 582  0.053273810   0.0000000        0.0   Mar                1       1      1
## 583  0.005263158   0.0000000        0.0   Mar                2       2      4
## 584  0.009523810   0.0000000        0.0   Mar                4       1      3
## 585  0.002380952   0.0000000        0.0   Mar                1       1      3
## 586  0.200000000   0.0000000        0.0   Mar                3       2      1
## 587  0.014285714   0.0000000        0.0   Mar                1       2      1
## 588  0.007051282   9.2947756        0.0   Mar                2       2      1
## 589  0.023619048   0.0000000        0.0   Mar                2       2      1
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## 591  0.041176471   0.0000000        0.0   Mar                2       6      9
## 592  0.200000000   0.0000000        0.0   Mar                1       1      3
## 593  0.030952381   0.0000000        0.0   Mar                2       5      2
## 594  0.028571429   0.0000000        0.0   Mar                1       1      9
## 595  0.020233586   0.0000000        0.0   Mar                3       2      1
## 596  0.035397453   0.0000000        0.0   Mar                3       2      8
## 597  0.100000000   0.0000000        0.0   Mar                2       2      3
## 598  0.056666667   0.0000000        0.0   Mar                2       6      6
## 599  0.027272727   0.0000000        0.0   Mar                2       2      2
## 600  0.081818182   0.0000000        0.0   Mar                2       2      4
## 601  0.009683372   0.0000000        0.0   Mar                2       4      6
## 602  0.007618770   6.8713090        0.0   Mar                2       2      2
## 603  0.046153846   0.0000000        0.0   Mar                4       1      3
## 604  0.015384615  35.9926154        0.0   Mar                2       2      3
## 605  0.016666667   0.0000000        0.0   Mar                2       2      7
## 606  0.050000000   0.0000000        0.0   Mar                2       2      1
## 607  0.001137980   0.0000000        0.0   Mar                1       1      1
## 608  0.066666667   0.0000000        0.0   Mar                2       2      1
## 609  0.033333333   0.0000000        0.0   Mar                1       2      1
## 610  0.028571429  53.1342857        0.0   Mar                2       4      2
## 611  0.033262108   8.8338259        0.0   Mar                2       2      2
## 612  0.010737154   0.0000000        0.0   Mar                2       2      2
## 613  0.014903846  10.6008917        0.0   Mar                2       2      3
## 614  0.023809524   5.5139762        0.0   Mar                4       1      3
## 615  0.008333333  27.4513819        0.0   Mar                3       2      1
## 616  0.081818182   0.0000000        0.0   Mar                2       2      1
## 617  0.006060606   0.0000000        0.0   Mar                1       1      3
## 618  0.007142857   0.0000000        0.0   Mar                1       1      4
## 619  0.012500000   0.0000000        0.0   Mar                1       1      1
## 620  0.009543860   0.0000000        0.0   Mar                2       2      3
## 621  0.002343750   0.0000000        0.0   Mar                2       2      1
## 622  0.015333333  17.8423070        0.0   Mar                1       1      1
## 623  0.025000000   0.0000000        0.0   Mar                2       5      7
## 624  0.166666667   0.0000000        0.0   Mar                2       2      1
## 625  0.018750000   0.0000000        0.0   Mar                2       2      7
## 626  0.004444444   0.0000000        0.0   Mar                3       2      4
## 627  0.066666667   0.0000000        0.0   Mar                3       2      5
## 628  0.023529412   0.0000000        0.0   Mar                2       2      1
## 629  0.029687500   0.0000000        0.0   Mar                2       2      1
## 630  0.027586207   0.0000000        0.0   Mar                2       2      6
## 631  0.011616162  16.7153449        0.0   Mar                2       2      3
## 632  0.047619048   0.0000000        0.0   Mar                2       2      4
## 633  0.031196581   0.0000000        0.0   Mar                2       2      6
## 634  0.032271242   2.1887185        0.0   Mar                2       4      3
## 635  0.023809524   0.0000000        0.0   Mar                3       2      6
## 636  0.008888889   0.0000000        0.0   Mar                1       1      8
## 637  0.125000000   0.0000000        0.0   Mar                3       2      3
## 638  0.007407407  57.7293604        0.0   Mar                2       2      3
## 639  0.200000000   0.0000000        0.0   Mar                3       2      3
## 640  0.020000000   0.0000000        0.0   Mar                2       2      5
## 641  0.027272727   0.0000000        0.0   Mar                3       2      3
## 642  0.026479076   2.0805336        0.0   Mar                1       1      3
## 643  0.028571429   0.0000000        0.0   Mar                2       2      8
## 644  0.071428571   0.0000000        0.0   Mar                2       2      3
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## 645  0.043589744   0.0000000        0.0   Mar                2       2       7
## 646  0.028571429   0.0000000        0.0   Mar                2       2       2
## 647  0.050000000   0.0000000        0.0   Mar                3       2       4
## 648  0.015227273  45.4316713        0.0   Mar                2       2       1
## 649  0.014285714   0.0000000        0.0   Mar                2       2       1
## 650  0.007012195   0.0000000        0.0   Mar                2       2       1
## 651  0.100000000   0.0000000        0.0   Mar                2       2       1
## 652  0.050000000   0.0000000        0.0   Mar                3       2       1
## 653  0.009090909  10.7929507        0.0   Mar                2       2       2
## 654  0.004812274   0.0000000        0.0   Mar                2       2       2
## 655  0.045416667   0.0000000        0.0   Mar                2       2       4
## 656  0.023703704   0.0000000        0.0   Mar                1       8       3
## 657  0.040000000   0.0000000        0.0   Mar                2       2       3
## 658  0.008333333   0.0000000        0.0   Mar                2       2       8
## 659  0.200000000   0.0000000        0.0   Mar                2       5       9
## 661  0.011111111   0.0000000        0.0   Mar                2       2       3
## 662  0.043750000   0.0000000        0.0   Mar                2       2       4
## 663  0.010000000   0.0000000        0.0   Mar                3       2       1
## 664  0.100000000   0.0000000        0.0   Mar                1       1       8
## 665  0.058333333   0.0000000        0.0   Mar                3       2       3
## 666  0.014141414   8.4827273        0.0   Mar                2       2       8
## 667  0.043075335   0.0000000        0.0   Mar                3       2       1
## 668  0.029166667   0.0000000        0.0   Mar                2       4       9
## 669  0.008888889   0.0000000        0.0   Mar                1       1       9
## 670  0.010434783   0.0000000        0.0   Mar                2       2       1
## 671  0.200000000   0.0000000        0.0   Mar                2       4       6
## 672  0.100000000   0.0000000        0.0   Mar                3       2       1
## 673  0.002380952   0.0000000        0.0   Mar                2       2       1
## 674  0.012222222   0.0000000        0.0   Mar                1       1       1
## 675  0.023529412   0.0000000        0.0   Mar                3       2       8
## 676  0.009523810  18.5847619        0.0   Mar                4       1       1
## 677  0.013333333   0.0000000        0.0   Mar                2       2       1
## 678  0.030000000   0.0000000        0.0   Mar                3       2       3
## 679  0.006666667   0.0000000        0.0   Mar                2       2       1
## 680  0.080392157   0.0000000        0.0   Mar                2       2       6
## 681  0.025000000   0.0000000        0.0   Mar                2       2       1
## 682  0.010666667   0.0000000        0.0   Mar                2       2       8
## 683  0.007923497   3.0778361        0.0   Mar                2       4       3
## 684  0.005951036   0.0000000        0.0   Mar                2       2       1
## 685  0.033333333   0.0000000        0.0   Mar                1       1       8
## 686  0.001666667   0.0000000        0.0   Mar                3       2       1
## 687  0.037222222   0.0000000        0.0   Mar                2       4       3
## 688  0.050000000   0.0000000        0.0   Mar                1       1       3
## 689  0.020000000   0.0000000        0.0   Mar                2       2       4
## 690  0.026757370   0.0000000        0.0   Mar                2       2       2
## 691  0.050000000   0.0000000        0.0   Mar                2       4       3
## 692  0.051923077   0.0000000        0.0   Mar                3       2       2
## 693  0.011774152   0.0000000        0.0   Mar                3       2       1
## 694  0.025333333   0.0000000        0.0   Mar                2       5       1
## 695  0.035897436   6.4827983        0.0   Mar                2       4       4
## 696  0.002185792  69.4304319        0.0   Mar                2       2       3
## 697  0.018834175   6.4450515        0.0   Mar                3       2       1
## 698  0.004000000  20.9714400        0.0   Mar                2       4       3
## 699  0.010974434   0.0000000        0.0   Mar                3       2       4
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## 700  0.028571429   0.0000000        0.0   Mar                3       2       1
## 701  0.100000000   0.0000000        0.0   Mar                3       2       1
## 702  0.023913043   0.0000000        0.0   Mar                4       2       8
## 703  0.020707071  19.7146892        0.0   Mar                1       1       2
## 704  0.050000000   0.0000000        0.0   Mar                1       1       3
## 705  0.016289934   4.6420000        0.0   Mar                2       2       2
## 706  0.026666667   0.0000000        0.0   Mar                3       2       2
## 707  0.050000000   0.0000000        0.0   Mar                3       2       8
## 708  0.002976190   0.0000000        0.0   Mar                2       4       1
## 709  0.004166667   0.0000000        0.0   Mar                1       1       2
## 710  0.128571429   0.0000000        0.0   Mar                2       2       1
## 711  0.004545455   0.0000000        0.0   Mar                1       1       3
## 712  0.055555556   0.0000000        0.0   Mar                3       2       3
## 713  0.066666667   0.0000000        0.0   Mar                2       2       4
## 714  0.028571429   0.0000000        0.0   Mar                1       1       1
## 715  0.066666667   0.0000000        0.0   Mar                2       5       1
## 716  0.035714286   0.0000000        0.0   Mar                1       1       3
## 717  0.030952381   0.0000000        0.0   Mar                2       2       4
## 718  0.023666667   0.0000000        0.0   Mar                2       2       3
## 719  0.100000000   0.0000000        0.0   Mar                3       2       2
## 720  0.066666667   0.0000000        0.0   Mar                2       2       8
## 721  0.200000000   0.0000000        0.0   Mar                1       1       3
## 722  0.034285714   0.0000000        0.0   Mar                2       2       1
## 723  0.017493734   4.4947412        0.0   Mar                1       1       2
## 724  0.025000000   0.0000000        0.0   Mar                4       1       9
## 725  0.200000000   0.0000000        0.0   Mar                1       1       2
## 726  0.040000000   0.0000000        0.0   Mar                2       2       7
## 727  0.021875000   0.0000000        0.0   Mar                4       1       1
## 728  0.200000000   0.0000000        0.0   Mar                2       4       1
## 729  0.050000000   0.0000000        0.0   Mar                1       1       6
## 730  0.050000000   0.0000000        0.0   Mar                3       2       1
## 731  0.021739130   0.0000000        0.0   Mar                2       2       2
## 732  0.007777778   0.0000000        0.0   Mar                1       1       7
## 733  0.014285714   0.0000000        0.0   Mar                1       1       1
## 734  0.011111111   0.0000000        0.0   Mar                1       2       2
## 735  0.009285714   0.0000000        0.0   Mar                1       1       3
## 736  0.007723577   4.6670793        0.0   Mar                3       3       2
## 737  0.066666667   0.0000000        0.0   Mar                4       1       3
## 738  0.019393939   7.8823773        0.0   Mar                1       1       3
## 739  0.002666667   0.0000000        0.0   Mar                3       2       1
## 740  0.004166667   0.0000000        0.0   Mar                3       2       1
## 741  0.014766169   2.3468004        0.0   Mar                2       2       4
## 742  0.005263158   0.0000000        0.0   Mar                2       2       4
## 743  0.033252033   0.0000000        0.0   Mar                2       2       2
## 744  0.200000000   0.0000000        0.0   Mar                1       8       2
## 745  0.000956938   0.0000000        0.0   Mar                2       4       7
## 746  0.044444444   0.0000000        0.0   Mar                2       2       3
## 747  0.015625000   0.0000000        0.0   Mar                2       2       1
## 748  0.083333333   0.0000000        0.0   Mar                2       2       1
## 749  0.009523810   0.0000000        0.0   Mar                2       4       4
## 750  0.009090909   0.0000000        0.0   Mar                2       2       4
## 751  0.017428305   3.6093985        0.0   Mar                2       4       7
## 752  0.023245614   0.0000000        0.0   Mar                2       2       3
## 753  0.013333333  52.1081818        0.0   Mar                2       2       1
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## 754  0.041176471   0.0000000        0.0   Mar                1       1      3
## 755  0.003571429   0.0000000        0.0   Mar                1       1      2
## 756  0.018487395   0.0000000        0.0   Mar                1       1      1
## 757  0.036842105  32.6452105        0.0   Mar                2       7      3
## 758  0.071428571   0.0000000        0.0   Mar                3       2      6
## 759  0.015384615  31.3094364        0.0   Mar                2       2      1
## 760  0.025000000   0.0000000        0.0   Mar                2       2      2
## 761  0.026591844  43.3616369        0.0   Mar                1       1      1
## 762  0.021794872   0.0000000        0.0   Mar                2       6      1
## 763  0.040000000   0.0000000        0.0   Mar                3       2      3
## 764  0.200000000   0.0000000        0.0   Mar                1       1      1
## 765  0.063636364   0.0000000        0.0   Mar                2       6      1
## 766  0.050000000   0.0000000        0.0   Mar                3       3      4
## 767  0.043750000   0.0000000        0.0   Mar                2       4      1
## 768  0.011578947   0.0000000        0.0   Mar                2       2      3
## 769  0.031372549   0.0000000        0.0   Mar                2       2      1
## 770  0.005345441   2.5266169        0.0   Mar                1       2      3
## 771  0.016433566   0.0000000        0.0   Mar                2       2      1
## 772  0.014545455   0.0000000        0.0   Mar                1       1      1
## 773  0.004916136   2.0862185        0.0   Mar                2       2      3
## 774  0.006666667   0.0000000        0.0   Mar                2      10      4
## 776  0.039104938   0.0000000        0.0   Mar                3       2      1
## 777  0.030769231   0.0000000        0.0   Mar                3       2      1
## 778  0.016037881   8.6000431        0.0   Mar                3       2      8
## 779  0.020689655   0.0000000        0.0   Mar                4       2      3
## 780  0.030000000   9.1500800        0.0   Mar                4       1      1
## 781  0.055555556   0.0000000        0.0   Mar                2       2      6
## 782  0.033333333   0.0000000        0.0   Mar                1       1      1
## 783  0.003448276   0.0000000        0.0   Mar                2       2      1
## 784  0.027272727  15.6644517        0.0   Mar                2       2      4
## 785  0.050000000   0.0000000        0.0   Mar                1       1      1
## 786  0.050000000   0.0000000        0.0   Mar                2       7      2
## 787  0.033333333   0.0000000        0.0   Mar                2       2      1
## 788  0.025925926   0.0000000        0.0   Mar                2       2      4
## 789  0.016892552   0.0000000        0.0   Mar                1       1      3
## 790  0.066666667   0.0000000        0.0   Mar                2       2      1
## 791  0.030769231   0.0000000        0.0   Mar                2       5      3
## 792  0.092307692   0.0000000        0.0   Mar                1       8      1
## 793  0.010142857   0.0000000        0.0   Mar                3       2      3
## 794  0.025000000   0.0000000        0.0   Mar                3       2      8
## 795  0.053125000   0.0000000        0.0   Mar                1       1      3
## 796  0.049411765   0.0000000        0.0   Mar                2       6      4
## 797  0.017396907   7.8911710        0.0   Mar                2       2      1
## 798  0.053030303   0.0000000        0.0   Mar                1       1      6
## 799  0.066666667   0.0000000        0.0   Mar                1       8      4
## 800  0.006998399   1.0881582        0.0   Mar                2       4      3
## 801  0.010000000   0.0000000        0.0   Mar                1       2      1
## 802  0.012500000   0.0000000        0.0   Mar                2       2      3
## 803  0.005357143  44.6119985        0.0   Mar                1       1      4
## 804  0.120000000   0.0000000        0.0   Mar                1       1      3
## 805  0.200000000   0.0000000        0.0   Mar                2       2      1
## 806  0.200000000   0.0000000        0.0   Mar                3       2      6
## 807  0.040000000  54.8554300        0.0   Mar                2       4      3
## 808  0.075000000   0.0000000        0.0   Mar                3       2      1
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## 809  0.025000000   0.0000000        0.0   Mar                1       1       4
## 810  0.007142857   0.0000000        0.0   Mar                2       6       2
## 811  0.021383648  13.0018396        0.0   Mar                1       1       2
## 812  0.025000000   0.0000000        0.0   Mar                2       2       3
## 813  0.033333333   0.0000000        0.0   Mar                3       2       7
## 814  0.028571429  23.8635929        0.0   Mar                2       2       1
## 815  0.050000000   0.0000000        0.0   Mar                4       5       1
## 816  0.005072464   0.0000000        0.0   Mar                2       2       7
## 817  0.011111111   0.0000000        0.0   Mar                3       2       8
## 818  0.033333333   0.0000000        0.0   Mar                1       1       3
## 819  0.034462810   0.0000000        0.0   Mar                3       2       3
## 820  0.100000000   0.0000000        0.0   Mar                2       6       1
## 821  0.050000000   0.0000000        0.0   Mar                2       2       8
## 822  0.025000000   0.0000000        0.0   Mar                3       2       2
## 823  0.200000000   0.0000000        0.0   Mar                1       1       3
## 824  0.150000000   0.0000000        0.0   Mar                2       2       1
## 825  0.040000000   0.0000000        0.0   Mar                2       5       3
## 826  0.022984749   0.0000000        0.0   Mar                2       2       1
## 827  0.021250000   0.0000000        0.0   Mar                2       5       1
## 828  0.020833333   0.0000000        0.0   Mar                2       2       1
## 829  0.012765306  29.4581515        0.0   Mar                3       2       3
## 830  0.016666667   0.0000000        0.0   Mar                4       1       3
## 831  0.010810811   0.0000000        0.0   Mar                2       2       1
## 832  0.200000000   0.0000000        0.0   Mar                1       2       1
## 833  0.100000000   0.0000000        0.0   Mar                3       2       4
## 834  0.010000000   0.0000000        0.0   Mar                2       2       1
## 835  0.007207207   0.0000000        0.0   Mar                3       3       2
## 836  0.023076923   0.0000000        0.0   Mar                3       2       6
## 837  0.005882353   0.0000000        0.0   Mar                1       1       3
## 838  0.036923077   3.1486154        0.0   Mar                2       2       2
## 839  0.010344828   0.0000000        0.0   Mar                3       2       7
## 840  0.066666667   0.0000000        0.0   Mar                1       1       1
## 841  0.010000000   0.0000000        0.0   Mar                1       1       3
## 842  0.051111111   0.0000000        0.0   Mar                2       2       7
## 843  0.015989583   0.0000000        0.0   Mar                2       2       2
## 844  0.027083333   0.0000000        0.0   Mar                4       2       1
## 845  0.031029186   0.0000000        0.0   Mar                2       2       1
## 846  0.018226601   3.6913448        0.0   Mar                1       4       1
## 847  0.008771930   0.0000000        0.0   Mar                1       1       3
## 848  0.071428571   0.0000000        0.0   Mar                3       2       1
## 849  0.018866213  15.3291016        0.0   Mar                2       2       3
## 850  0.002666667   0.0000000        0.0   Mar                1       1       1
## 851  0.038222222   0.0000000        0.0   Mar                2       2       6
## 852  0.005555556   0.0000000        0.0   Mar                3       2       4
## 853  0.100000000   0.0000000        0.0   Mar                1       1       2
## 854  0.018233487  11.1076505        0.0   Mar                2       2       1
## 855  0.008695652   0.0000000        0.0   Mar                2       2       1
## 856  0.005714286   0.0000000        0.0   Mar                3       2       4
## 857  0.066666667   0.0000000        0.0   Mar                4       1       3
## 858  0.020322581   8.4979355        0.0   Mar                3       2       4
## 859  0.028571429  25.1880000        0.0   Mar                1       2       1
## 860  0.006250000   0.0000000        0.0   Mar                2       2       1
## 861  0.016666667   0.0000000        0.0   Mar                1       1       1
## 862  0.023933659   0.0000000        0.0   Mar                3       2       1
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## 863  0.028571429   0.0000000        0.0   Mar                1       1      1
## 864  0.012500000  75.0678157        0.0   Mar                2       2      6
## 865  0.033333333   0.0000000        0.0   Mar                3       2      1
## 866  0.033333333   0.0000000        0.0   Mar                2       2      1
## 867  0.002462121   0.0000000        0.0   Mar                2       2      9
## 868  0.016666667   0.0000000        0.0   Mar                1       1      6
## 869  0.015811966   0.0000000        0.0   Mar                2       2      8
## 870  0.011111111   0.0000000        0.0   Mar                2       2      3
## 871  0.200000000   0.0000000        0.0   Mar                2       4      1
## 872  0.004390244   0.0000000        0.0   Mar                2       2      3
## 874  0.003703704   0.0000000        0.0   Mar                3       2      2
## 875  0.007309582   0.0000000        0.0   Mar                3       2      4
## 876  0.133333333   0.0000000        0.0   Mar                4       1      1
## 877  0.031531532   8.7083243        0.0   Mar                2       2      3
## 878  0.032653061  21.2238673        0.0   Mar                2       2      1
## 879  0.025000000  17.5380000        0.0   Mar                2       4      1
## 880  0.048484848   0.0000000        0.0   Mar                2       2      3
## 881  0.100000000   0.0000000        0.0   Mar                2       2      4
## 882  0.100000000   0.0000000        0.0   Mar                2       2      1
## 883  0.017954545   0.0000000        0.0   Mar                2       2      1
## 884  0.016666667   0.0000000        0.0   Mar                7       1      1
## 885  0.005055944   9.9301870        0.0   Mar                2       2      6
## 886  0.020000000   0.0000000        0.0   Mar                3       2      7
## 887  0.036842105   0.0000000        0.0   Mar                2       2      4
## 888  0.005000000   0.0000000        0.0   Mar                3       2      1
## 889  0.120000000   0.0000000        0.0   Mar                2       2      1
## 891  0.012500000   0.0000000        0.0   Mar                2       2      1
## 892  0.012577640   0.0000000        0.0   Mar                2       2      6
## 893  0.032000000   0.0000000        0.0   Mar                2       2      1
## 894  0.022222222   0.0000000        0.0   Mar                1       2      6
## 895  0.014565217   8.2241685        0.0   Mar                2       4      3
## 896  0.065000000   0.0000000        0.0   Mar                3       2      2
## 897  0.040000000  31.1880000        0.0   Mar                1       1      7
## 898  0.200000000   0.0000000        0.0   Mar                3       2      3
## 899  0.011764706   0.0000000        0.0   Mar                2       2      2
## 900  0.018181818   0.0000000        0.0   Mar                2       2      6
## 901  0.040000000   0.0000000        0.0   Mar                1       2      2
## 902  0.056666667  43.7971736        0.0   Mar                2       2      1
## 903  0.016000000   0.0000000        0.0   Mar                4       1      1
## 904  0.022222222  63.5880000        0.0   Mar                1       1      1
## 905  0.010666667   0.0000000        0.0   Mar                2       2      5
## 906  0.011666667   3.3110800        0.0   Mar                1       2      1
## 907  0.009142857   3.2986800        0.0   Mar                2       2      1
## 908  0.050000000   0.0000000        0.0   Mar                3       2      1
## 909  0.066666667   0.0000000        0.0   Mar                2       5      8
## 910  0.016666667   0.0000000        0.0   Mar                2       4      1
## 911  0.050000000   0.0000000        0.0   Mar                3       2      8
## 912  0.044444444   0.0000000        0.0   Mar                3       2      7
## 913  0.013663064   0.0000000        0.0   Mar                2       4      1
## 914  0.022222222   0.0000000        0.0   Mar                2       2      1
## 915  0.017307692   0.0000000        0.0   Mar                1       1      2
## 916  0.040476190   0.0000000        0.0   Mar                1       1      6
## 917  0.033208874   0.0000000        0.0   Mar                2       2      3
## 918  0.033333333   0.0000000        0.0   Mar                2       2      4
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## 919  0.020000000   0.0000000        0.0   Mar                1       1      1
## 920  0.002721088   0.0000000        0.0   Mar                1       2      4
## 921  0.020000000   0.0000000        0.0   Mar                2       4      2
## 922  0.020661157   0.0000000        0.0   Mar                1       2      3
## 924  0.009090909   0.0000000        0.0   Mar                1       1      1
## 925  0.005217391   0.0000000        0.0   Mar                2       2      3
## 926  0.027138047   0.0000000        0.0   Mar                2       2      9
## 927  0.062500000   0.0000000        0.0   Mar                1       1      1
## 928  0.050000000   0.0000000        0.0   Mar                2       2      7
## 929  0.018750000   0.0000000        0.0   Mar                1       1      1
## 930  0.200000000   0.0000000        0.0   Mar                2       2      7
## 931  0.025000000   0.0000000        0.0   Mar                2       2      1
## 932  0.042741935   2.3043226        0.0   Mar                2       2      1
## 933  0.003508772   0.0000000        0.0   Mar                2       2      2
## 934  0.200000000   0.0000000        0.0   Mar                2       2      1
## 935  0.014285714   0.0000000        0.0   Mar                1       1      4
## 936  0.041666667   0.0000000        0.0   Mar                1       2      1
## 937  0.050000000   0.0000000        0.0   Mar                1       1      1
## 938  0.022222222   0.0000000        0.0   Mar                2       2      1
## 939  0.015196078   0.0000000        0.0   Mar                2       2      7
## 940  0.026388889  33.5332758        0.0   Mar                2       6      4
## 941  0.018181818   0.0000000        0.0   Mar                4       2      1
## 942  0.026666667   0.0000000        0.0   Mar                3       2      4
## 943  0.200000000   0.0000000        0.0   Mar                1       1      7
## 944  0.011111111   0.0000000        0.0   Mar                2       2      6
## 945  0.011458333  20.1175129        0.0   Mar                2       2      3
## 946  0.200000000   0.0000000        0.0   Mar                3       2      3
## 947  0.011111111   0.0000000        0.0   Mar                3       2      4
## 949  0.010971006   2.9155116        0.0   Mar                2       6      2
## 950  0.033333333   0.0000000        0.0   Mar                4       1      1
## 951  0.004761905   0.0000000        0.0   Mar                2       2      1
## 952  0.050000000   0.0000000        0.0   Mar                3       2      3
## 953  0.030125313   0.0000000        0.0   Mar                2       2      3
## 954  0.020000000   0.0000000        0.0   Mar                2       2      2
## 955  0.008333333  35.8370931        0.0   Mar                1       1      4
## 956  0.018519814  62.1688636        0.0   Mar                3       2      6
## 957  0.200000000   0.0000000        0.0   Mar                3       2      3
## 958  0.083333333   0.0000000        0.0   Mar                1       1      1
## 959  0.015384615   0.0000000        0.0   Mar                2       2      2
## 960  0.100000000   0.0000000        0.0   Mar                4       2      2
## 961  0.060000000   0.0000000        0.0   Mar                2       2      7
## 962  0.020000000   0.0000000        0.0   Mar                3       2      1
## 963  0.007692308   0.0000000        0.0   Mar                3       2      1
## 964  0.023529412   0.0000000        0.0   Mar                2       2      4
## 965  0.027205882   0.0000000        0.0   Mar                3       2      1
## 966  0.011468360   4.0952889        0.0   Mar                1       1      2
## 967  0.014499164   0.0000000        0.0   Mar                3       2      7
## 968  0.012742857   0.0000000        0.0   Mar                3       2      1
## 969  0.025000000   0.0000000        0.0   Mar                1       1      1
## 970  0.007894737   0.0000000        0.0   Mar                1       1      1
## 971  0.033333333   0.0000000        0.0   Mar                1       1      1
## 972  0.031538462   0.0000000        0.0   Mar                3       2      1
## 973  0.006666667   0.0000000        0.0   Mar                1       1      7
## 974  0.085185185   0.0000000        0.0   Mar                2       5      5
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## 976  0.014285714   0.0000000        0.0   Mar                1       1      1
## 977  0.050000000   0.0000000        0.0   Mar                2       2      9
## 978  0.014285714   0.0000000        0.0   Mar                2       2      1
## 979  0.007142857   0.0000000        0.0   Mar                3       2      3
## 980  0.003917526  13.4640631        0.0   Mar                2       2      3
## 981  0.045833333   0.0000000        0.0   Mar                1       1      4
## 982  0.033333333   0.0000000        0.0   Mar                1       1      1
## 983  0.011764706   0.0000000        0.0   Mar                1       1      2
## 984  0.009259259  28.3933549        0.0   Mar                2       2      3
## 985  0.011111111   0.0000000        0.0   Mar                3       2      2
## 986  0.057142857   0.0000000        0.0   Mar                2       5      1
## 987  0.044444444   0.0000000        0.0   Mar                2       2      2
## 988  0.040000000   0.0000000        0.0   Mar                1       1      3
## 989  0.033333333   0.0000000        0.0   Mar                3       2      7
## 990  0.005882353   0.0000000        0.0   Mar                2       2      1
## 991  0.033333333   0.0000000        0.0   Mar                2       2      2
## 992  0.018181818   0.0000000        0.0   Mar                2       4      4
## 993  0.025000000   0.0000000        0.0   Mar                3       2      2
## 994  0.200000000   0.0000000        0.0   Mar                1       1      4
## 995  0.010526316   0.0000000        0.0   Mar                1       1      1
## 996  0.017802198   0.0000000        0.0   Mar                3       2      1
## 997  0.009552239   0.0000000        0.0   Mar                2       2      1
## 998  0.044444444   0.0000000        0.0   Mar                2       2      3
## 999  0.025000000   0.0000000        0.0   Mar                2       2      1
## 1000 0.021538462   0.0000000        0.0   Mar                3       2      1
## 1001 0.010156250   0.0000000        0.0   Mar                2       2      7
## 1002 0.026089744   0.0000000        0.0   Mar                1       1      6
## 1003 0.012500000   0.0000000        0.0   Mar                2       2      1
## 1004 0.028571429   0.0000000        0.0   Mar                1       1      3
## 1005 0.200000000   0.0000000        0.0   Mar                2       2      7
## 1006 0.040000000   0.0000000        0.0   Mar                2       2      4
## 1007 0.066666667   0.0000000        0.0   Mar                2       4      3
## 1008 0.026652893   0.0000000        0.0   Mar                2       2      4
## 1009 0.066666667   0.0000000        0.0   Mar                2       2      1
## 1010 0.003913043   0.0000000        0.0   Mar                1       1      1
## 1011 0.033333333   0.0000000        0.0   Mar                3       2      4
## 1012 0.015384615   0.0000000        0.0   Mar                2       2      1
## 1013 0.100000000   0.0000000        0.0   Mar                2       2      8
## 1014 0.022222222   0.0000000        0.0   Mar                2       2      7
## 1015 0.033333333   0.0000000        0.0   Mar                3       2      1
## 1016 0.010526316   0.0000000        0.0   Mar                3       2      3
## 1017 0.020512821   0.0000000        0.0   Mar                2       2      1
## 1018 0.048648649   0.0000000        0.0   Mar                2      10      6
## 1019 0.050000000   0.0000000        0.0   Mar                2       2      9
## 1020 0.020000000   0.0000000        0.0   Mar                2       2      1
## 1021 0.036666667   0.0000000        0.0   Mar                3       2      3
## 1022 0.004444444   0.0000000        0.0   Mar                2       2      3
## 1023 0.200000000   0.0000000        0.0   Mar                2       2      3
## 1024 0.200000000   0.0000000        0.0   Mar                1       1      1
## 1025 0.040000000   0.0000000        0.0   Mar                2       2      1
## 1026 0.011147186   0.0000000        0.0   Mar                4       1      1
## 1027 0.019990486   6.6266477        0.0   Mar                2       2      3
## 1028 0.075000000   0.0000000        0.0   Mar                3       2      1
## 1029 0.083333333   0.0000000        0.0   Mar                2       2      7
```

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## 1030 0.016666667  10.8343104        0.0   Mar                 3       2       6
## 1031 0.033333333  18.8649000        0.0   Mar                 1       1       2
## 1032 0.085714286   0.0000000        0.0   Mar                 2       2       3
## 1033 0.018181818  30.6504545        0.0   Mar                 2       2       2
## 1034 0.066666667   0.0000000        0.0   Mar                 3       6       1
## 1036 0.166666667   0.0000000        0.0   Mar                 1       1       3
## 1037 0.018141923   0.0000000        0.0   Mar                 3       2       2
## 1038 0.011764706   0.0000000        0.0   Mar                 2       2       1
## 1039 0.005882353   0.0000000        0.0   Mar                 2       2       7
## 1040 0.023809524   0.0000000        0.0   Mar                 2       2       7
## 1041 0.028151261   0.0000000        0.0   Mar                 2       2       3
## 1042 0.018154762   0.0000000        0.0   Mar                 1       1       1
## 1043 0.025000000  64.7325000        0.0   Mar                 2       2       1
## 1044 0.012962963   0.0000000        0.0   Mar                 2       2       4
## 1045 0.016666667   0.0000000        0.0   Mar                 1       1       1
## 1046 0.066666667   0.0000000        0.0   Mar                 2       4       1
## 1047 0.043055556   0.0000000        0.0   Mar                 2       2       3
## 1048 0.200000000   0.0000000        0.0   Mar                 3       2       5
## 1049 0.016666667   0.0000000        0.0   Mar                 2       2       8
## 1050 0.001041667  35.1037828        0.0   Mar                 2       7       2
## 1051 0.000800000 144.3934888        0.0   Mar                 2       2       7
## 1052 0.009358814   0.0000000        0.0   Mar                 3       2       1
## 1053 0.055026455   0.0000000        0.0   Mar                 2       2       1
## 1054 0.022222222   0.0000000        0.0   Mar                 2       2       1
## 1055 0.024242424   0.0000000        0.0   Mar                 3       2       3
## 1056 0.133333333   0.0000000        0.0   Mar                 2       2       7
## 1057 0.016666667   0.0000000        0.0   Mar                 1       1       2
## 1058 0.012500000   0.0000000        0.0   Mar                 1       1       1
## 1059 0.006250000   0.0000000        0.0   Mar                 1       1       1
## 1060 0.200000000   0.0000000        0.0   Mar                 2       2       2
## 1061 0.033333333   0.0000000        0.0   Mar                 2       4       4
## 1062 0.066666667   0.0000000        0.0   Mar                 2       2       1
## 1063 0.066666667   0.0000000        0.0   Mar                 3       2       6
## 1064 0.010416667   0.0000000        0.0   Mar                 2       2       1
## 1065 0.021839080   0.0000000        0.0   Mar                 2       2       4
## 1067 0.026666667   0.0000000        0.0   Mar                 2       2       6
## 1068 0.009523810  60.0454966        0.0   Mar                 2       2       3
## 1069 0.001724138   0.0000000        0.0   Mar                 2       2       1
## 1070 0.007891429   5.6986429        0.0   Mar                 3       2       6
## 1071 0.055555556   0.0000000        0.0   Mar                 1       1       3
## 1072 0.060000000   0.0000000        0.0   Mar                 4       1       3
## 1073 0.007142857   0.0000000        0.0   Mar                 1       1       1
## 1074 0.018300654   0.0000000        0.0   Mar                 2       2       3
## 1075 0.066666667   0.0000000        0.0   Mar                 2       6       7
## 1076 0.022972973   0.0000000        0.0   Mar                 2       2       4
## 1077 0.010997732   0.0000000        0.0   Mar                 4       5       1
## 1078 0.008333333   0.0000000        0.0   Mar                 2       4       1
## 1079 0.066666667   0.0000000        0.0   Mar                 2       2       2
## 1080 0.016913580   9.0284067        0.0   Mar                 1       1       2
## 1081 0.025282904  11.7736736        0.0   Mar                 3       2       3
## 1082 0.046153846   0.0000000        0.0   Mar                 2       2       4
## 1083 0.014414414   0.0000000        0.0   Mar                 2       2       1
## 1084 0.007692308   0.0000000        0.0   Mar                 2       2       3
## 1085 0.027272727   0.0000000        0.0   Mar                 1       1       3
```

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## 1086 0.004000000   0.0000000        0.0   Mar                2       2      1
## 1087 0.066666667   0.0000000        0.0   Mar                2       2      2
## 1088 0.021666667   0.0000000        0.0   Mar                3       2      1
## 1089 0.007407407   0.0000000        0.0   Mar                4       1      1
## 1090 0.033777778   0.0000000        0.0   Mar                2       2      6
## 1091 0.038095238   0.0000000        0.0   Mar                2       5      5
## 1092 0.020000000   0.0000000        0.0   Mar                2       2      1
## 1093 0.020289855  21.9252135        0.0   Mar                2       6      6
## 1094 0.050000000   0.0000000        0.0   Mar                2       2      7
## 1095 0.014285714   0.0000000        0.0   Mar                3       2      1
## 1096 0.020000000   0.0000000        0.0   Mar                2       2      1
## 1097 0.006666667   0.0000000        0.0   Mar                3       2      5
## 1098 0.023809524   0.0000000        0.0   Mar                1       1      1
## 1099 0.095000000   0.0000000        0.0   Mar                1       1      6
## 1100 0.060000000   0.0000000        0.0   Mar                1       1      6
## 1101 0.020000000   0.0000000        0.0   Mar                2       2      1
## 1102 0.066666667   0.0000000        0.0   Mar                3       2      4
## 1103 0.013104972   0.0000000        0.0   Mar                2      10      1
## 1104 0.014583333   0.0000000        0.0   Mar                2       2      4
## 1105 0.133333333   0.0000000        0.0   Mar                3       3      1
## 1106 0.006127451  37.4181420        0.0   Mar                3       2      3
## 1107 0.007111111  33.1478492        0.0   Mar                4       2      9
## 1108 0.031944444   0.0000000        0.0   Mar                3       2      1
## 1109 0.040000000   0.0000000        0.0   Mar                1       1      2
## 1110 0.040000000   0.0000000        0.0   Mar                2       2      1
## 1111 0.007692308   0.0000000        0.0   Mar                2       2      6
## 1112 0.013333333   0.0000000        0.0   Mar                1       1      3
## 1113 0.036957672   0.0000000        0.0   Mar                2       2      1
## 1114 0.031250000   0.0000000        0.0   Mar                2       2      2
## 1115 0.048245614   0.0000000        0.0   Mar                2       2      1
## 1116 0.002222222  40.7932000        0.0   Mar                3       2      7
## 1117 0.100000000   0.0000000        0.0   Mar                1       1      1
## 1118 0.007213115   0.0000000        0.0   Mar                3       2      3
## 1119 0.200000000   0.0000000        0.0   Mar                1       2      9
## 1121 0.044615385   0.0000000        0.0   Mar                2       5      1
## 1122 0.047222222   0.0000000        0.0   Mar                2       2      1
## 1123 0.010526316   0.0000000        0.0   Mar                2       2      1
## 1124 0.200000000   0.0000000        0.0   Mar                2       2      1
## 1125 0.066666667   0.0000000        0.0   Mar                2       2      3
## 1126 0.016666667   0.0000000        0.0   Mar                1       1      4
## 1127 0.100000000   0.0000000        0.0   Mar                3       2      1
## 1128 0.007692308   0.0000000        0.0   Mar                1       1      1
## 1129 0.044444444   0.0000000        0.0   Mar                1       1      6
## 1130 0.020175439   0.0000000        0.0   Mar                2       2      6
## 1131 0.020000000   0.0000000        0.0   Mar                1       1      3
## 1132 0.020161290  14.6832452        0.0   Mar                2       5      1
## 1138 0.048235294   0.0000000        0.0   Mar                3       2      4
## 1139 0.029761905   0.0000000        0.0   Mar                2       4      2
## 1140 0.022222222   0.0000000        0.0   Mar                1       1      1
## 1141 0.001587302   0.0000000        0.0   Mar                3       2      8
## 1142 0.014285714   0.0000000        0.0   Mar                3       2      1
## 1143 0.200000000   0.0000000        0.0   Mar                2       6      1
## 1144 0.200000000   0.0000000        0.0   Mar                1       1      3
## 1145 0.016666667  12.3578472        0.0   Mar                2       5      3
```

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## 1146 0.004395604   0.0000000        0.0   Mar                3       2       1
## 1147 0.009135204   0.0000000        0.0   Mar                2       2       8
## 1148 0.042857143   0.0000000        0.0   Mar                2       2       8
## 1149 0.007792208   0.0000000        0.0   Mar                3       2       6
## 1150 0.016666667   0.0000000        0.0   Mar                2       5       1
## 1151 0.052631579   0.0000000        0.0   Mar                2       2       5
## 1152 0.020512821   0.0000000        0.0   Mar                1       2       6
## 1153 0.021269841   0.0000000        0.0   Mar                1       1       1
## 1154 0.100000000   0.0000000        0.0   Mar                2       2       1
## 1155 0.200000000   0.0000000        0.0   Mar                1       1       1
## 1156 0.150000000   0.0000000        0.0   Mar                3       3       1
## 1157 0.037500000   0.0000000        0.0   Mar                1       1       2
## 1158 0.022794118  10.1651716        0.0   Mar                3       7       1
## 1159 0.018181818   0.0000000        0.0   Mar                1       1       6
## 1160 0.006666667   0.0000000        0.0   Mar                2       2       3
## 1161 0.025000000   0.0000000        0.0   Mar                1       1       9
## 1162 0.033333333  13.2835556        0.0   Mar                3       2       4
## 1163 0.111111111   0.0000000        0.0   Mar                1       1       1
## 1164 0.032142857   0.0000000        0.0   Mar                2       5       2
## 1165 0.021250000   0.0000000        0.0   Mar                2       2       2
## 1166 0.020000000   0.0000000        0.0   Mar                4       1       3
## 1167 0.040000000   0.0000000        0.0   Mar                1       1       3
## 1168 0.013333333   0.0000000        0.0   Mar                2       2       1
## 1169 0.033333333   0.0000000        0.0   Mar                2       4       1
## 1170 0.200000000   0.0000000        0.0   Mar                2       2       1
## 1172 0.003174603  33.4777732        0.0   Mar                2       4       7
## 1173 0.200000000   0.0000000        0.0   Mar                1       1       1
## 1174 0.006896552   0.0000000        0.0   Mar                4       1       1
## 1175 0.050000000   0.0000000        0.0   Mar                2       2       1
## 1176 0.007142857  21.0486417        0.0   Mar                2       4       2
## 1178 0.009523810   0.0000000        0.0   Mar                2       2       1
## 1179 0.036666667   0.0000000        0.0   Mar                2       2       3
## 1180 0.028571429   0.0000000        0.0   Mar                3       2       2
## 1181 0.200000000   0.0000000        0.0   Mar                2       2       1
## 1182 0.100000000   0.0000000        0.0   Mar                3       2       2
## 1183 0.007000000  19.9557230        0.0   Mar                1       2       8
## 1184 0.015873016  10.8692605        0.0   Mar                1       1       7
## 1185 0.032222222   0.0000000        0.0   Mar                1       2       1
## 1186 0.014802260  10.3704237        0.0   Mar                2       2       1
## 1187 0.033333333   0.0000000        0.0   Mar                1       1       6
## 1188 0.066666667   0.0000000        0.0   Mar                1       1       1
## 1189 0.013061325   0.1206999        0.0   Mar                2       2       1
## 1190 0.011428571   0.0000000        0.0   Mar                3       2       1
## 1191 0.029285714   0.0000000        0.0   Mar                3       2       7
## 1192 0.033333333   0.0000000        0.0   Mar                3       2       2
## 1193 0.014285714   0.0000000        0.0   Mar                2       2       6
## 1194 0.011111111   0.0000000        0.0   Mar                2       2       9
## 1195 0.024242424   0.0000000        0.0   Mar                1       8       3
## 1196 0.016666667  41.3500720        0.0   Mar                1       1       1
## 1197 0.023099415   0.0000000        0.0   Mar                4       1       1
## 1198 0.040000000   0.0000000        0.0   Mar                2       2       1
## 1199 0.020000000   0.0000000        0.0   Mar                2       4       6
## 1200 0.095238095   0.0000000        0.0   Mar                1       2       2
## 1201 0.012843137   0.0000000        0.0   Mar                2       2       4
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## 1202 0.033333333   0.0000000        0.0   Mar                2       2      1
## 1203 0.005454545   0.0000000        0.0   Mar                1       1      6
## 1204 0.040000000   0.0000000        0.0   Mar                2       2      1
## 1205 0.035862069   0.0000000        0.0   Mar                3       2      6
## 1206 0.028571429   0.0000000        0.0   Mar                2       2      1
## 1207 0.033333333   0.0000000        0.0   Mar                4       1      4
## 1208 0.007407407   0.0000000        0.0   Mar                2       2      1
## 1209 0.005882353   0.0000000        0.0   Mar                2       2      3
## 1210 0.020000000   0.0000000        0.0   Mar                2       4      7
## 1211 0.018518519   0.0000000        0.0   Mar                3       2      3
## 1212 0.015384615   0.0000000        0.0   Mar                2       2      1
## 1213 0.007843137   0.0000000        0.0   Mar                1       1      1
## 1216 0.023809524   0.0000000        0.0   Mar                1       1      1
## 1217 0.066666667   0.0000000        0.0   Mar                2       4      1
## 1218 0.014285714   0.0000000        0.0   Mar                3       3      1
## 1219 0.004651163   0.0000000        0.0   Mar                2       2      1
## 1220 0.020000000  77.9600000        0.0   Mar                1       2      9
## 1221 0.016666667   0.0000000        0.0   Mar                2       2      9
## 1222 0.002083333   0.0000000        0.0   Mar                2       2      3
## 1223 0.033333333   0.0000000        0.0   Mar                2       2      6
## 1224 0.050000000   0.0000000        0.0   Mar                2       2      3
## 1225 0.008333333   0.0000000        0.0   Mar                2       2      2
## 1226 0.066666667   0.0000000        0.0   Mar                1       1      4
## 1227 0.016544567   0.0000000        0.0   Mar                2       2      3
## 1228 0.033333333   0.0000000        0.0   Mar                2       2      7
## 1229 0.029795821   0.0000000        0.0   Mar                3       2      1
## 1230 0.025378788   0.0000000        0.0   Mar                2       4      7
## 1231 0.066666667   0.0000000        0.0   Mar                1       1      6
## 1232 0.012261867   5.1506636        0.0   Mar                1       1      7
## 1233 0.040000000   0.0000000        0.0   Mar                1       1      4
## 1234 0.011515152  20.3238811        0.0   Mar                2       6      1
## 1235 0.018000000   0.0000000        0.0   Mar                1       1      1
## 1236 0.080000000   0.0000000        0.0   Mar                2       4      1
## 1237 0.200000000   0.0000000        0.0   Mar                3       2      3
## 1238 0.030952381   0.0000000        0.0   Mar                2       6      1
## 1239 0.033333333   0.0000000        0.0   Mar                4       1      3
## 1240 0.122222222   0.0000000        0.0   Mar                3       2      1
## 1241 0.100000000   0.0000000        0.0   Mar                2       4      5
## 1242 0.019531250   0.0000000        0.0   Mar                3       2      6
## 1243 0.080000000   0.0000000        0.0   Mar                3       2      1
## 1244 0.033333333   0.0000000        0.0   Mar                1       1      1
## 1245 0.066666667   0.0000000        0.0   Mar                1       1      3
## 1246 0.022222222   0.0000000        0.0   Mar                2       6      1
## 1247 0.050000000   0.0000000        0.0   Mar                2       2      6
## 1248 0.020000000   0.0000000        0.0   Mar                2       2      2
## 1249 0.016666667   0.0000000        0.0   Mar                2       2      2
## 1250 0.018181818   0.0000000        0.0   Mar                2       2      5
## 1251 0.068181818   0.0000000        0.0   Mar                2       2      1
## 1252 0.006666667  45.7504000        0.0   Mar                2       2      1
## 1253 0.002051282  27.1280420        0.0   Mar                2      10      1
## 1254 0.015416667   0.0000000        0.0   Mar                2       2      1
## 1255 0.013461538   0.0000000        0.0   Mar                4       1      1
## 1256 0.006878307   0.0000000        0.0   Mar                1       1      7
## 1257 0.013333333   0.0000000        0.0   Mar                2      10      6
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## 1258 0.021052632   0.0000000        0.0   Mar                2       2      3
## 1259 0.039753086   0.0000000        0.0   Mar                2       2      1
## 1260 0.040000000  35.4900000        0.0   Mar                2       2      3
## 1261 0.035416667   0.0000000        0.0   Mar                2       2      3
## 1262 0.049509804   0.0000000        0.0   Mar                3       2      1
## 1263 0.026190476  16.3394286        0.0   Mar                3       2      1
## 1264 0.044444444   0.0000000        0.0   Mar                1       1      1
## 1265 0.006250000   0.0000000        0.0   Mar                3       2      1
## 1266 0.200000000   0.0000000        0.0   Mar                1       1      4
## 1267 0.039682540   0.0000000        0.0   Mar                3       2      3
## 1268 0.015384615   0.0000000        0.0   Mar                1       8      1
## 1269 0.016666667   0.0000000        0.0   Mar                1       1      4
## 1270 0.120000000   0.0000000        0.0   Mar                3       2      1
## 1271 0.040000000   0.0000000        0.0   Mar                2       2      4
## 1272 0.020000000   0.0000000        0.0   Mar                2       4      3
## 1273 0.003333333   0.0000000        0.0   Mar                2       2      1
## 1274 0.015384615   0.0000000        0.0   Mar                2       2      3
## 1275 0.033333333   0.0000000        0.0   Mar                2       2      1
## 1276 0.011111111   0.0000000        0.0   Mar                2       2      2
## 1277 0.007142857   0.0000000        0.0   Mar                1       1      7
## 1278 0.013636364  10.7813636        0.0   Mar                1       1      2
## 1279 0.022222222   0.0000000        0.0   Mar                2       4      6
## 1280 0.040000000   0.0000000        0.0   Mar                1       1      1
## 1281 0.005405405   0.0000000        0.0   Mar                2       2      3
## 1282 0.044351348   0.0000000        0.0   Mar                1       2      9
## 1283 0.040000000   0.0000000        0.0   Mar                2       4      1
## 1284 0.011923715   8.5674269        0.0   Mar                2       4      2
## 1285 0.008333333   0.0000000        0.0   Mar                2       2      4
## 1286 0.200000000   0.0000000        0.0   Mar                1       1      1
## 1287 0.033333333   0.0000000        0.0   Mar                2       4      7
## 1288 0.016666667   0.0000000        0.0   Mar                2       2      1
## 1289 0.100000000   0.0000000        0.0   Mar                2       2      7
## 1290 0.186666667   0.0000000        0.0   Mar                3       2      7
## 1291 0.028571429   0.0000000        0.0   Mar                4       1      3
## 1293 0.006060606   0.0000000        0.0   Mar                2       2      6
## 1294 0.035714286   0.0000000        0.0   Mar                2       2      7
## 1295 0.011111111   0.0000000        0.0   Mar                2       4      1
## 1296 0.150000000   0.0000000        0.0   Mar                3       2      3
## 1297 0.023889556   0.0000000        0.0   Mar                3       2      3
## 1298 0.066666667   0.0000000        0.0   Mar                1       2      5
## 1299 0.022222222  53.2553333        0.0   Mar                1       1      1
## 1300 0.066666667   0.0000000        0.0   Mar                2       2      6
## 1301 0.040000000   0.0000000        0.0   Mar                2       2      1
## 1302 0.011111111   0.0000000        0.0   Mar                1       1      1
## 1303 0.002293202   0.0000000        0.0   Mar                2       2      5
## 1304 0.018181818   0.0000000        0.0   Mar                2       5      1
## 1305 0.062500000  29.2432500        0.0   Mar                2      10      3
## 1306 0.160000000   0.0000000        0.0   Mar                1      10      1
## 1307 0.059722222   0.0000000        0.0   Mar                2       2      1
## 1308 0.025000000   0.0000000        0.0   Mar                3       2      3
## 1309 0.075000000   0.0000000        0.0   Mar                2       2      6
## 1310 0.050000000   0.0000000        0.0   Mar                3       2      1
## 1311 0.025438596   0.0000000        0.0   Mar                2       2      8
## 1312 0.010344828   0.0000000        0.0   Mar                2       2      3
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## 1313 0.035000000   0.0000000        0.0   Mar                3       2       1
## 1314 0.023529412   0.0000000        0.0   Mar                2       2       8
## 1315 0.013333333   0.0000000        0.0   Mar                4       2       4
## 1316 0.014285714  33.4100000        0.0   Mar                2       2       1
## 1317 0.044761905  32.5783130        0.0   Mar                3       3       1
## 1318 0.200000000   0.0000000        0.0   Mar                2       2       5
## 1319 0.012878788   0.0000000        0.0   Mar                1       2       3
## 1320 0.022222222   0.0000000        0.0   Mar                1       1       1
## 1321 0.009090909   0.0000000        0.0   Mar                3       2       7
## 1322 0.013333333  27.7590493        0.0   Mar                2       2       2
## 1323 0.010000000   0.0000000        0.0   Mar                1       2       7
## 1324 0.021383648  16.9464379        0.0   Mar                2       2       3
## 1325 0.015000000   0.0000000        0.0   Mar                2       2       5
## 1327 0.020000000   0.0000000        0.0   Mar                2       6       1
## 1328 0.018181818   0.0000000        0.0   Mar                4       1       2
## 1329 0.025000000  28.0509434        0.0   Mar                2       4       1
## 1330 0.004166667   0.0000000        0.0   Mar                1       1       1
## 1331 0.033333333   0.0000000        0.0   Mar                2       2       7
## 1332 0.061818182   0.0000000        0.0   Mar                1       1       9
## 1333 0.200000000   0.0000000        0.0   Mar                1       1       1
## 1334 0.008000000  92.4822063        0.0   Mar                2       2       7
## 1335 0.023529412   0.0000000        0.0   Mar                2       2       1
## 1336 0.012500000   0.0000000        0.0   Mar                2       4       1
## 1337 0.096298701   0.0000000        0.0   Mar                3       2       8
## 1338 0.100000000   0.0000000        0.0   Mar                1       1       1
## 1339 0.025000000   4.5990000        0.0   Mar                1       1       1
## 1340 0.005279668  16.8806961        0.0   Mar                3       2       1
## 1341 0.050000000   0.0000000        0.0   Mar                2       2       2
## 1342 0.024358974   0.0000000        0.0   Mar                2       4       3
## 1343 0.018817204   0.0000000        0.0   Mar                2       4       1
## 1344 0.013333333   0.0000000        0.0   Mar                2       2       1
## 1345 0.050000000   0.0000000        0.0   Mar                1       1       1
## 1346 0.006666667   0.0000000        0.0   Mar                3       2       3
## 1347 0.010215054   0.0000000        0.0   Mar                2       6       7
## 1348 0.034959350   0.0000000        0.0   Mar                2       2       1
## 1349 0.040000000   0.0000000        0.0   Mar                2       2       2
## 1350 0.030266123   4.2892929        0.0   Mar                3       2       1
## 1351 0.016000000   0.0000000        0.0   Mar                2       2       6
## 1352 0.027575758   0.0000000        0.0   Mar                3       2       1
## 1353 0.013782051   0.0000000        0.0   Mar                1       1       8
## 1354 0.008333333  23.8332309        0.0   Mar                4       2       1
## 1355 0.015384615   0.0000000        0.0   Mar                2       2       3
## 1356 0.100000000   0.0000000        0.0   Mar                4       1       4
## 1358 0.014285714   0.0000000        0.0   Mar                1       1       1
## 1359 0.066666667   0.0000000        0.0   Mar                1       1       1
## 1360 0.014393939   0.0000000        0.0   Mar                3       2       1
## 1361 0.100000000   0.0000000        0.0   Mar                2       2       1
## 1362 0.015873016   0.0000000        0.0   Mar                3       2       3
## 1363 0.025133361  78.3456018        0.0   Mar                2       2       1
## 1364 0.200000000   0.0000000        0.0   Mar                1       2       1
## 1365 0.150000000   0.0000000        0.0   Mar                3       2       1
## 1366 0.011904762   0.0000000        0.0   Mar                2       2       1
## 1368 0.022222222   0.0000000        0.0   Mar                2       2       1
## 1369 0.008907697   6.5068314        0.0   Mar                1       1       2
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## 1370 0.006857143   0.0000000        0.0   Mar                1       1      1
## 1371 0.083333333   0.0000000        0.0   Mar                3       2      3
## 1372 0.040000000   0.0000000        0.0   Mar                1       1      6
## 1373 0.011538462   2.1797308        0.0   Mar                4       2      2
## 1374 0.040000000   0.0000000        0.0   Mar                3       2      6
## 1375 0.008333333   0.0000000        0.0   Mar                4       1      1
## 1376 0.022222222   0.0000000        0.0   Mar                2       2      1
## 1377 0.005714286   0.0000000        0.0   Mar                2       5      4
## 1378 0.016666667   0.0000000        0.0   Mar                3       2      4
## 1379 0.017307692   0.0000000        0.0   Mar                2       2      7
## 1380 0.009972955  15.3000376        0.0   Mar                1       1      4
## 1381 0.050000000   0.0000000        0.0   Mar                2       2      1
## 1383 0.044444444   0.0000000        0.0   Mar                2       2      8
## 1384 0.011764706   0.0000000        0.0   Mar                2       2      4
## 1385 0.011111111   0.0000000        0.0   Mar                2       2      5
## 1386 0.006250000   0.0000000        0.0   Mar                2       2      3
## 1387 0.046984127   0.0000000        0.0   Mar                3       2      4
## 1388 0.015384615   0.0000000        0.0   Mar                2       2      7
## 1389 0.003801170  62.3481370        0.0   Mar                4       1      1
## 1390 0.200000000   0.0000000        0.0   Mar                3       2      3
## 1392 0.010673235   0.0000000        0.0   Mar                1       1      1
## 1393 0.008492896   0.0000000        0.0   Mar                2       2      1
## 1394 0.011041667   0.0000000        0.0   Mar                3       2      2
## 1396 0.033333333   0.0000000        0.0   Mar                3       2      1
## 1397 0.200000000   0.0000000        0.0   Mar                2       2      9
## 1398 0.012612613   3.8894595        0.0   Mar                2       2      7
## 1399 0.012878788   0.0000000        0.0   Mar                3       2      1
## 1400 0.050000000   0.0000000        0.0   Mar                2       2      1
## 1401 0.150000000   0.0000000        0.0   Mar                3       2      6
## 1402 0.011111111   0.0000000        0.0   Mar                3       2      1
## 1403 0.042857143   0.0000000        0.0   Mar                3       3      3
## 1404 0.011111111   0.0000000        0.0   Mar                1       1      1
## 1405 0.018181818   0.0000000        0.0   Mar                2       2      2
## 1406 0.022222222   0.0000000        0.0   Mar                2       2      3
## 1407 0.004545455   0.0000000        0.0   Mar                3       2      6
## 1408 0.003921569   0.0000000        0.0   Mar                1       1      1
## 1409 0.150000000   0.0000000        0.0   Mar                2      10      3
## 1410 0.116666667   0.0000000        0.0   Mar                3       2      1
## 1411 0.010526316   0.0000000        0.0   Mar                3       2      3
## 1412 0.030128205   0.0000000        0.0   Mar                2       2      4
## 1413 0.200000000   0.0000000        0.0   Mar                2       4      3
## 1414 0.007692308  60.2901845        0.0   Mar                2       5      3
## 1415 0.012500000   0.0000000        0.0   Mar                3       2      1
## 1416 0.083333333  26.6613333        0.0   Mar                3       2      1
## 1417 0.013333333   0.0000000        0.0   Mar                2       2      1
## 1418 0.028571429   0.0000000        0.0   Mar                2       2      1
## 1419 0.033333333   0.0000000        0.0   Mar                3       3      1
## 1420 0.075000000   0.0000000        0.0   Mar                2       4      2
## 1421 0.035507246   0.0000000        0.0   Mar                3       2      3
## 1422 0.033333333   0.0000000        0.0   Mar                2       2      1
## 1423 0.044444444   0.0000000        0.0   Mar                3       2      3
## 1424 0.015384615  64.6000000        0.0   Mar                1       1      7
## 1425 0.012500000  20.2615568        0.0   Mar                2       4      2
## 1426 0.011764706   0.0000000        0.0   Mar                1       1      1
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## 1427 0.025000000   0.0000000        0.0   Mar                2       4      1
## 1428 0.014693878   0.0000000        0.0   Mar                3       2      6
## 1429 0.023809524  10.2318730        0.0   Mar                2       2      3
## 1430 0.025000000   0.0000000        0.0   Mar                3       2      4
## 1431 0.040000000   0.0000000        0.0   Mar                2       5      2
## 1432 0.033333333   0.0000000        0.0   Mar                3       2      6
## 1433 0.018181818  74.0880000        0.0   Mar                1       1      1
## 1434 0.013333333   0.0000000        0.0   Mar                2       2      2
## 1435 0.114285714   0.0000000        0.0   Mar                2       2      1
## 1436 0.014285714  22.8890865        0.0   Mar                1       1      1
## 1438 0.100000000   0.0000000        0.0   Mar                3       2      3
## 1439 0.042857143   0.0000000        0.0   Mar                2       2      1
## 1440 0.009615385   0.0000000        0.0   Mar                2       4      4
## 1441 0.058571429   0.0000000        0.0   Mar                1       1      3
## 1442 0.010513320   0.0000000        0.0   Mar                2       4      3
## 1443 0.041140351   0.0000000        0.0   Mar                2       2      3
## 1444 0.050000000   0.0000000        0.0   Mar                3       2      3
## 1445 0.049312469   0.0000000        0.0   Mar                2       2      3
## 1446 0.057142857   0.0000000        0.0   Mar                1       2      4
## 1447 0.008928571   0.0000000        0.0   Mar                2       4      1
## 1448 0.100000000   0.0000000        0.0   Mar                2       2      9
## 1449 0.018148931  14.3220000        0.0   Mar                2       2      6
## 1450 0.014436090  10.9348246        0.0   Mar                2       2      2
## 1451 0.100000000   0.0000000        0.0   Mar                2       2      2
## 1452 0.045714286   0.0000000        0.0   Mar                1       1      6
## 1453 0.200000000   0.0000000        0.0   Mar                3       2      4
## 1455 0.044444444   0.0000000        0.0   Mar                1       2      9
## 1456 0.066666667   0.0000000        0.0   Mar                1       1      1
## 1457 0.010000000   0.0000000        0.0   Mar                2       2      4
## 1458 0.022000000   0.0000000        0.0   Mar                3       2      1
## 1459 0.019047619   9.5430603        0.0   Mar                2       2      3
## 1460 0.003875969   0.0000000        0.0   Mar                2       2      7
## 1461 0.042528736   0.0000000        0.0   Mar                2       5      2
## 1462 0.028070175   0.0000000        0.0   Mar                2       2      1
## 1463 0.065333333   0.0000000        0.0   Mar                3       2      4
## 1464 0.015942029  13.6346332        0.0   Mar                1       1      1
## 1465 0.001242236   0.0000000        0.0   Mar                2       2      8
## 1466 0.050000000   0.0000000        0.0   Mar                3       2      1
## 1467 0.039007092  13.1032624        0.0   Mar                2       2      6
## 1468 0.025000000   0.0000000        0.0   Mar                2       7      7
## 1469 0.016666667   0.0000000        0.0   Mar                1       1      1
## 1470 0.043333333   0.0000000        0.0   Mar                2       2      3
## 1471 0.010160428  13.6051201        0.0   Mar                2       2      1
## 1472 0.006628788   0.0000000        0.0   Mar                2       2      3
## 1473 0.037500000   0.0000000        0.0   Mar                1       1      4
## 1478 0.012820513   0.0000000        0.0   Mar                2       2      3
## 1479 0.022222222   0.0000000        0.0   Mar                2       2      7
## 1480 0.020349845  15.0332813        0.0   Mar                2       5      6
## 1481 0.076190476   0.0000000        0.0   Mar                3       2      1
## 1482 0.024000000   0.0000000        0.0   Mar                2       2      3
## 1483 0.004444444   0.0000000        0.0   Mar                2       2      3
## 1484 0.140000000   0.0000000        0.0   Mar                3       2      3
## 1485 0.007847222  11.4546944        0.0   Mar                1       1      1
## 1486 0.012500000   0.0000000        0.0   Mar                2       2      3
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## 1487 0.040000000   0.0000000        0.0   Mar                2       2      1
## 1488 0.015338753  39.0358043        0.0   Mar                2       4      1
## 1489 0.025000000   0.0000000        0.0   Mar                2       2      1
## 1490 0.007407407   0.0000000        0.0   Mar                1       1      1
## 1491 0.020967742  14.8921084        0.0   Mar                2       2      7
## 1492 0.010714286 261.4912857        0.0   Mar                2       2      1
## 1493 0.023333333   0.0000000        0.0   Mar                2       2      7
## 1494 0.100000000   0.0000000        0.0   Mar                2       2      1
## 1495 0.007709751   0.0000000        0.0   Mar                3       2      7
## 1496 0.022304507   0.0000000        0.0   Mar                3       2      3
## 1497 0.015153664   0.0000000        0.0   Mar                2       5      6
## 1498 0.010784314  22.9641176        0.0   Mar                2       2      1
## 1499 0.200000000   0.0000000        0.0   Mar                2       2      7
## 1500 0.021080839   0.0000000        0.0   Mar                3       3      8
## 1501 0.011330049   0.0000000        0.0   Mar                2       4      1
## 1502 0.200000000   0.0000000        0.0   Mar                2       2      3
## 1503 0.142857143   0.0000000        0.0   Mar                3       2      8
## 1504 0.026666667   0.0000000        0.0   Mar                2       2      7
## 1505 0.020000000   0.0000000        0.0   Mar                2       2      6
## 1506 0.050000000   0.0000000        0.0   Mar                1       1      2
## 1507 0.100000000   0.0000000        0.0   Mar                2       2      3
## 1508 0.067972350   0.0000000        0.0   Mar                1       1      9
## 1509 0.021250000  33.3279681        0.0   Mar                2       2      3
## 1510 0.013800705   0.0000000        0.0   Mar                2       2      5
## 1511 0.025000000   0.0000000        0.0   Mar                1       1      3
## 1512 0.005319149  18.9532340        0.0   Mar                2       2      3
## 1513 0.020450450  19.3654955        0.0   Mar                2       2      1
## 1514 0.023611111   0.0000000        0.0   Mar                2       5      8
## 1515 0.060000000   0.0000000        0.0   Mar                2       2      1
## 1517 0.024843206   8.6317195        0.0   Mar                2       5      2
## 1518 0.011764706   0.0000000        0.0   Mar                2       5      1
## 1519 0.200000000   0.0000000        0.0   Mar                3       2      1
## 1520 0.010912698  12.0921619        0.0   Mar                2       2      6
## 1521 0.016428571   0.0000000        0.0   Mar                1       1      6
## 1522 0.008333333   0.0000000        0.0   Mar                1       2      8
## 1523 0.015384615   0.0000000        0.0   Mar                3       2      1
## 1524 0.018181818   0.0000000        0.0   Mar                3       2      1
## 1525 0.056282051   0.0000000        0.0   Mar                4       2      1
## 1526 0.031007752   0.0000000        0.0   Mar                2       2      6
## 1527 0.016000000   0.0000000        0.0   Mar                3       2      1
## 1528 0.002500000   0.0000000        0.0   Mar                2       2      7
## 1529 0.015476190  10.8444074        0.0   Mar                2       2      2
## 1530 0.030000000   3.8105753        0.0   Mar                2       2      7
## 1531 0.005128205   0.0000000        0.0   Mar                2       4      2
## 1532 0.050000000   0.0000000        0.0   Mar                2       2      6
## 1533 0.040000000   0.0000000        0.0   Mar                2       4      3
## 1534 0.028571429   0.0000000        0.0   Mar                3       2      3
## 1535 0.050000000   0.0000000        0.0   Mar                2       2      1
## 1536 0.035294118   0.0000000        0.0   Mar                2       5      1
## 1537 0.045098039   0.0000000        0.0   Mar                1       1      1
## 1538 0.025000000   0.0000000        0.0   Mar                2       2      3
## 1539 0.021969697  11.1234212        0.0   Mar                2       2      3
## 1540 0.029629630   0.0000000        0.0   Mar                2       2      2
## 1541 0.010256410   0.0000000        0.0   Mar                2       2      1
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## 1542 0.034615385   0.0000000        0.0   Mar                2       2      6
## 1543 0.009090177   0.0000000        0.0   Mar                2       2      2
## 1544 0.020139373   9.4011366        0.0   Mar                2       4      2
## 1545 0.003225806   0.0000000        0.0   Mar                1       1      3
## 1546 0.020000000   0.0000000        0.0   Mar                2       2      1
## 1547 0.015909091   0.0000000        0.0   Mar                2       2      1
## 1548 0.020000000   0.0000000        0.0   Mar                2       2      3
## 1549 0.016666667   0.0000000        0.0   Mar                1       1      1
## 1550 0.029004329   0.0000000        0.0   Mar                1       1      1
## 1551 0.009523810   0.0000000        0.0   Mar                2       2      1
## 1552 0.016666667   0.0000000        0.0   Mar                1       1      1
## 1553 0.001666667  27.3063666        0.0   Mar                1       1      1
## 1554 0.022222222   0.0000000        0.0   Mar                2       2      1
## 1555 0.006138614   0.0000000        0.0   Mar                2       5      1
## 1556 0.016666667   0.0000000        0.0   Mar                2       2      2
## 1557 0.012980564   0.0000000        0.0   Mar                2       5      2
## 1558 0.028571429   0.0000000        0.0   Mar                2       2      1
## 1559 0.050000000   0.0000000        0.0   Mar                2       5      1
## 1560 0.032063492   0.0000000        0.0   Mar                1       1      1
## 1561 0.200000000   0.0000000        0.0   Mar                2       2      2
## 1562 0.028571429   0.0000000        0.0   Mar                2       2      9
## 1563 0.150000000   0.0000000        0.0   Mar                2       2      1
## 1564 0.019047619   0.0000000        0.0   Mar                1       1      1
## 1565 0.003571429  20.9183164        0.0   Mar                1       1      1
## 1566 0.024545455   0.0000000        0.0   Mar                3       2      4
## 1567 0.033333333  49.8233333        0.0   Mar                2       2      4
## 1568 0.033333333   0.0000000        0.0   Mar                2       2      5
## 1569 0.066666667   0.0000000        0.0   Mar                3       2      8
## 1570 0.022222222   0.0000000        0.0   Mar                2       4      3
## 1571 0.077777778   0.0000000        0.0   Mar                3       2      1
## 1572 0.004761905  60.1947794        0.0   Mar                2       5      9
## 1573 0.014311471   7.7538802        0.0   Mar                2       2      1
## 1575 0.024266667   0.0000000        0.0   Mar                4       1      1
## 1576 0.005555556   0.0000000        0.0   Mar                2       2      3
## 1577 0.200000000   0.0000000        0.0   Mar                2       2      7
## 1578 0.001058201   0.0000000        0.0   Mar                2       2      1
## 1579 0.020000000   0.0000000        0.0   Mar                3       2      1
## 1580 0.002493853  54.9512691        0.0   Mar                2       2      1
## 1581 0.014285714   0.0000000        0.0   Mar                2       2      1
## 1582 0.075000000   0.0000000        0.0   Mar                1       1      4
## 1583 0.008959900   4.7457368        0.0   Mar                1       1      1
## 1584 0.045833333   0.0000000        0.0   Mar                1       1      1
## 1585 0.014285714   0.0000000        0.0   Mar                3       2      7
## 1586 0.100000000   0.0000000        0.0   Mar                2       2      4
## 1587 0.059523810  19.5349550        0.0   Mar                2       6      3
## 1588 0.040000000   0.0000000        0.0   Mar                3       2      1
## 1589 0.040000000   0.0000000        0.0   Mar                2       2      1
## 1590 0.028571429   0.0000000        0.0   Mar                2       4      5
## 1591 0.100000000   0.0000000        0.0   Mar                3       2      4
## 1592 0.024274100   3.9782764        0.0   Mar                2       2      7
## 1593 0.040000000   0.0000000        0.0   Mar                1       1      6
## 1594 0.015097222   0.0000000        0.0   Mar                3       2      7
## 1595 0.045614035   0.0000000        0.0   Mar                2       2      1
## 1596 0.028571429   0.0000000        0.0   Mar                2       2      1
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## 1597 0.005555556   0.0000000        0.0   Mar                1       1      2
## 1598 0.050000000   0.0000000        0.0   Mar                1       1      4
## 1599 0.055591398   0.0000000        0.0   Mar                2       2      7
## 1600 0.066666667   0.0000000        0.0   Mar                2       2      1
## 1601 0.030952381   0.0000000        0.0   Mar                2       2      3
## 1602 0.053333333   0.0000000        0.0   Mar                1       2      3
## 1603 0.005090909   0.0000000        0.0   Mar                2       2      9
## 1604 0.100000000   0.0000000        0.0   Mar                2       2      3
## 1605 0.025000000   0.0000000        0.0   Mar                2       2      6
## 1606 0.017422643  20.3043895        0.0   Mar                1       2      1
## 1607 0.069565217   0.0000000        0.0   Mar                2       2      3
## 1608 0.018918919   0.0000000        0.0   Mar                2       2      3
## 1610 0.006250000   0.0000000        0.0   Mar                1       1      1
## 1611 0.200000000   0.0000000        0.0   Mar                2       2      6
## 1612 0.011753515   6.4759102        0.0   Mar                3       2      2
## 1613 0.080000000   0.0000000        0.0   Mar                1       1      7
## 1614 0.125000000   0.0000000        0.0   Mar                2       2      1
## 1615 0.100000000   0.0000000        0.0   Mar                2       2      2
## 1616 0.066666667   0.0000000        0.0   Mar                4       1      8
## 1617 0.007142857   0.0000000        0.0   Mar                2       4      1
## 1618 0.024074074   0.0000000        0.0   Mar                1       2      7
## 1619 0.013513514   0.0000000        0.0   Mar                2       2      1
## 1620 0.014086022   0.0000000        0.0   Mar                2       2      3
## 1621 0.001346801   0.0000000        0.0   Mar                2       2      3
## 1622 0.200000000   0.0000000        0.0   Mar                3       3      1
## 1623 0.027915633  24.1307312        0.0   Mar                2       2      4
## 1624 0.013333333   0.0000000        0.0   Mar                1       1      4
## 1625 0.042857143   0.0000000        0.0   Mar                3       2      1
## 1626 0.120000000   0.0000000        0.0   Mar                2       2      5
## 1627 0.008095238   0.0000000        0.0   Mar                3       2      1
## 1628 0.200000000   0.0000000        0.0   Mar                2       2      1
## 1629 0.010256410   0.0000000        0.0   Mar                2       2      3
## 1630 0.008695652   0.0000000        0.0   Mar                2       2      1
## 1631 0.013636364   0.0000000        0.0   Mar                4       2      1
## 1632 0.017391304   0.0000000        0.0   Mar                2       2      1
## 1633 0.011111111   0.0000000        0.0   Mar                3       2      1
## 1634 0.044444444   0.0000000        0.0   Mar                2       2      1
## 1635 0.100000000   0.0000000        0.0   Mar                2       4      3
## 1636 0.023333333  29.3562978        0.0   Mar                2       2      1
## 1637 0.031515152   0.0000000        0.0   Mar                2       2      1
## 1638 0.025000000  81.2475000        0.0   Mar                1       1      2
## 1639 0.150000000   0.0000000        0.0   Mar                3       3      7
## 1640 0.004761905   0.0000000        0.0   Mar                3       6      1
## 1641 0.025000000   0.0000000        0.0   Mar                3       2      4
## 1642 0.004761905   0.0000000        0.0   Mar                3       2      3
## 1643 0.060000000   0.0000000        0.0   Mar                2       2      2
## 1644 0.019931973  33.1451429        0.0   Mar                3       2      1
## 1645 0.039110006   0.0000000        0.0   Mar                2       4      3
## 1646 0.000586510   0.0000000        0.0   Mar                2       2      1
## 1647 0.025541275   7.3716826        0.0   Mar                3       2      3
## 1648 0.001190476   0.0000000        0.0   Mar                1       1      3
## 1649 0.020000000   0.0000000        0.0   Mar                1       1      1
## 1650 0.011019900   0.0000000        0.0   Mar                2       6      1
## 1651 0.028571429   0.0000000        0.0   Mar                2       2      4
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## 1652 0.006250000   0.0000000        0.0   Mar                2       2      7
## 1653 0.038738739   0.0000000        0.0   Mar                2       2      1
## 1654 0.150000000   0.0000000        0.0   Mar                3       2      1
## 1655 0.044155844   7.9458055        0.0   Mar                2       5      9
## 1656 0.044444444   0.0000000        0.0   Mar                2      10      1
## 1657 0.016000000   0.0000000        0.0   Mar                2       2      3
## 1658 0.066666667   0.0000000        0.0   Mar                3       2      1
## 1659 0.007142857   0.0000000        0.0   Mar                3       2      1
## 1660 0.033333333   0.0000000        0.0   Mar                2       2      7
## 1661 0.040000000   0.0000000        0.0   Mar                1       1      1
## 1662 0.050000000   0.0000000        0.0   Mar                2       2      9
## 1663 0.050000000   0.0000000        0.0   Mar                3       2      1
## 1664 0.003517665   0.0000000        0.0   Mar                1       1      1
## 1665 0.004813218  30.8979850        0.0   Mar                2       2      1
## 1666 0.032413793   0.0000000        0.0   Mar                2       2      3
## 1667 0.010000000  15.4334400        0.0   Mar                1       1      1
## 1668 0.023333333   0.0000000        0.0   Mar                2       2      1
## 1669 0.004166667  18.0253300        0.0   Mar                2       4      1
## 1670 0.003571429   0.0000000        0.0   Mar                3       2      4
## 1671 0.040000000   0.0000000        0.0   Mar                3       2      8
## 1672 0.046428571   0.0000000        0.0   Mar                2       2      3
## 1673 0.002985075  80.6806286        0.0   Mar                2       2      4
## 1674 0.020000000   0.0000000        0.0   Mar                2       2      1
## 1675 0.012500000   0.0000000        0.0   Mar                2       2      1
## 1676 0.036363636   0.0000000        0.0   Mar                1       1      4
## 1677 0.050000000   0.0000000        0.0   Mar                2       2      3
## 1678 0.001960784   0.0000000        0.0   Mar                1       1      3
## 1679 0.013000000   0.0000000        0.0   Mar                2       5      1
## 1680 0.041975309   0.0000000        0.0   Mar                2       2      3
## 1681 0.020000000   0.0000000        0.0   Mar                2       2      2
## 1682 0.005333333   0.0000000        0.0   Mar                3       2      1
## 1683 0.052631579   0.0000000        0.0   Mar                2       5      7
## 1684 0.120000000   0.0000000        0.0   Mar                2       2      7
## 1685 0.002469136   0.0000000        0.0   Mar                2       5      9
## 1686 0.004761905   0.0000000        0.0   Mar                2       4      1
## 1687 0.025000000   0.0000000        0.0   Mar                1       1      1
## 1688 0.016666667   0.0000000        0.0   Mar                2       2      1
## 1689 0.057142857   0.0000000        0.0   Mar                2       2      3
## 1690 0.066666667   0.0000000        0.0   Mar                2       4      3
## 1691 0.019615385   0.0000000        0.0   Mar                3       2      2
## 1692 0.100000000   0.0000000        0.0   Mar                2       2      6
## 1693 0.040000000   0.0000000        0.0   Mar                2       2      7
## 1694 0.100000000   0.0000000        0.0   Mar                2       4      3
## 1695 0.031578947   0.0000000        0.0   Mar                4       2      1
## 1696 0.075000000   0.0000000        0.0   Mar                2       2      1
## 1697 0.021052632  76.7866766        0.0   Mar                2       2      6
## 1699 0.020270270   0.0000000        0.0   Mar                2       4      3
## 1700 0.023076923   0.0000000        0.0   Mar                3       2      3
## 1701 0.017391304   0.0000000        0.0   Mar                2       4      7
## 1702 0.066666667   0.0000000        0.0   Mar                1       1      3
## 1703 0.033333333   0.0000000        0.0   Mar                3       2      1
## 1704 0.011111111   0.0000000        0.0   Mar                3       2      1
## 1705 0.030612245   0.0000000        0.0   Mar                3       2      1
## 1706 0.001754386   0.0000000        0.0   Mar                2       2      4
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## 1707 0.041666667   0.0000000        0.0   Mar                2       2      9
## 1708 0.031481481   0.0000000        0.0   Mar                1       1      1
## 1709 0.057142857   0.0000000        0.0   Mar                2       2      2
## 1710 0.028282828  39.6327031        0.0   Mar                2       2      4
## 1711 0.009195402   0.0000000        0.0   Mar                1       1      7
## 1712 0.040476190   0.0000000        0.0   Mar                2       2      9
## 1713 0.133333333   0.0000000        0.0   Mar                3       2      3
## 1714 0.020000000   0.0000000        0.0   Mar                1       1      1
## 1715 0.007142857   0.0000000        0.0   Mar                2       5      1
## 1716 0.061538462   0.0000000        0.0   Mar                2       2      8
## 1717 0.080000000   0.0000000        0.0   Mar                2       2      1
## 1718 0.025000000   0.0000000        0.0   Mar                2       2      1
## 1719 0.053333333   0.0000000        0.0   Mar                2       2      6
## 1720 0.026666667  52.7005214        0.0   Mar                3       2      1
## 1721 0.066666667   0.0000000        0.0   Mar                3       2      1
## 1722 0.007142857   0.0000000        0.0   Mar                2       2      1
## 1723 0.006779661   7.2720678        0.0   Mar                2       2      7
## 1724 0.016666667   0.0000000        0.0   Mar                2       2      2
## 1725 0.002631579   0.0000000        0.0   Mar                3       2      2
## 1726 0.150000000   0.0000000        0.0   Mar                2       2      1
## 1727 0.006060606  10.6344980        0.0   Mar                1       1      1
## 1728 0.033333333   0.0000000        0.0   Mar                1       2      8
## 1729 0.016248380   0.0000000        0.0   Mar                1       1      2
## 1730 0.200000000   0.0000000        0.0   Mar                3       2      2
## 1731 0.100000000   0.0000000        0.0   Mar                1       1      4
## 1732 0.017760943  35.9810660        0.0   Mar                3       2      3
## 1733 0.026000000  14.1005333        0.0   Mar                2       4      8
## 1734 0.093750000   0.0000000        0.0   Mar                2       4      3
## 1735 0.014285714   0.0000000        0.0   Mar                2       2      1
## 1736 0.007142857   0.0000000        0.0   Mar                3       2      7
## 1737 0.008148148   0.0000000        0.0   Mar                1       1      1
## 1738 0.050000000   0.0000000        0.0   Mar                1       1      1
## 1739 0.023222222   5.4176444        0.0   Mar                2       2      1
## 1740 0.017460317  27.0779167        0.0   Mar                3       2      3
## 1741 0.050000000   0.0000000        0.0   Mar                3       2      4
## 1742 0.100000000   0.0000000        0.0   Mar                3       2      8
## 1743 0.102564103   0.0000000        0.0   Mar                1       1      3
## 1744 0.012916667   0.0000000        0.0   Mar                2       2      1
## 1745 0.021186441   0.0000000        0.0   Mar                2       2      6
## 1746 0.011111111   0.0000000        0.0   Mar                3       2      7
## 1747 0.025000000   0.0000000        0.0   Mar                2       2      7
## 1748 0.017877551   0.0000000        0.0   Mar                2       2      1
## 1749 0.042857143   0.0000000        0.0   Mar                2       2      3
## 1750 0.041666667   0.0000000        0.0   Mar                2       2      7
## 1751 0.061111111   0.0000000        0.0   Mar                1       2      8
## 1752 0.017066636   0.0000000        0.0   Mar                3       2      4
## 1753 0.006818182   0.0000000        0.0   Mar                4       1      4
## 1754 0.010389610   0.0000000        0.0   Mar                3       2      2
## 1755 0.100000000   0.0000000        0.0   Mar                3       2      2
## 1756 0.016000000   0.0000000        0.0   Mar                2       2      1
## 1757 0.010000000   0.0000000        0.0   Mar                2       2      5
## 1758 0.050000000   0.0000000        0.0   Mar                3       3      1
## 1759 0.015384615   0.0000000        0.0   Mar                3       2      9
## 1760 0.005128205   0.0000000        0.0   Mar                2       2      2
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## 1761 0.033333333   0.0000000        0.0   Mar                2       2      1
## 1762 0.026580162   1.7050672        0.0   Mar                1       1      4
## 1763 0.015030864   0.0000000        0.0   Mar                3       2      1
## 1764 0.100000000   0.0000000        0.0   Mar                2       2      1
## 1765 0.034761905   0.0000000        0.0   Mar                2       2      2
## 1766 0.009090909   0.0000000        0.0   Mar                4       1      1
## 1767 0.046153846   0.0000000        0.0   Mar                2       2      1
## 1768 0.075000000   0.0000000        0.0   Mar                3       2      6
## 1769 0.016666667   0.0000000        0.0   Mar                2       2      3
## 1770 0.017777778   0.0000000        0.0   Mar                2       2      1
## 1771 0.016666667  18.2099565        0.0   Mar                2       2      7
## 1772 0.005853659   0.0000000        0.0   Mar                2       2      3
## 1773 0.042857143   0.0000000        0.0   Mar                4       1      1
## 1774 0.007575758  16.5631455        0.0   Mar                2       2      7
## 1775 0.039682540  14.2564835        0.0   Mar                3       2      2
## 1777 0.012500000   0.0000000        0.0   Mar                3       2      1
## 1778 0.017724868   7.1414286        0.0   Mar                3       2      7
## 1779 0.050000000   0.0000000        0.0   Mar                1       1      1
## 1780 0.005797101   0.0000000        0.0   Mar                2       2      2
## 1781 0.005405405  27.2386620        0.0   Mar                2      10      2
## 1782 0.002777778  13.6263061        0.0   Mar                2       2      1
## 1783 0.019210526   0.0000000        0.0   Mar                2       2      1
## 1784 0.029166667   0.0000000        0.0   Mar                3       2      1
## 1785 0.017241379   0.0000000        0.0   Mar                1       2      6
## 1786 0.061904762   0.0000000        0.0   Mar                2       6      1
## 1787 0.007230392  11.4846177        0.0   Mar                3       2      1
## 1788 0.018181818  10.9130002        0.0   Mar                2       5      1
## 1789 0.008333333   0.0000000        0.0   Mar                2       2      1
## 1790 0.010451977  85.7528587        0.0   Mar                2       2      2
## 1791 0.041915584   0.0000000        0.0   Mar                2       2      1
## 1792 0.033333333   0.0000000        0.0   Mar                1       1      1
## 1793 0.100000000   0.0000000        0.0   Mar                2       5      6
## 1794 0.019282953   0.0000000        0.0   Mar                2       2      8
## 1795 0.050000000   0.0000000        0.0   Mar                2       2      1
## 1796 0.200000000   0.0000000        0.0   Mar                2       2      2
## 1797 0.030876623   0.0000000        0.0   Mar                2       4      1
## 1798 0.020000000   0.0000000        0.0   Mar                3       2      1
## 1799 0.003333333   0.0000000        0.0   Mar                2       2      1
## 1800 0.100000000   0.0000000        0.0   Mar                2       2      6
## 1801 0.008695652   0.0000000        0.0   Mar                2       2      1
## 1802 0.022222222   0.0000000        0.0   Mar                1       1      2
## 1803 0.040000000   0.0000000        0.0   Mar                2       5      1
## 1804 0.061818182   0.0000000        0.0   Mar                3       2      1
## 1806 0.016666667   0.0000000        0.0   Mar                3       2      2
## 1807 0.038095238   0.0000000        0.0   Mar                2       2      3
## 1808 0.040000000   0.0000000        0.0   Mar                2       4      9
## 1809 0.066666667   0.0000000        0.0   Mar                2       4      9
## 1810 0.005797101   0.0000000        0.0   Mar                3       2      3
## 1811 0.013333333   0.0000000        0.0   Mar                2       2      1
## 1812 0.050000000   0.0000000        0.0   Mar                2       2      9
## 1813 0.018666667  40.7612800        0.0   Mar                2       2      3
## 1814 0.050000000   0.0000000        0.0   Mar                2       2      1
## 1815 0.100000000   0.0000000        0.0   Mar                3       2      1
## 1816 0.023502304   7.9646495        0.0   Mar                2       6      7
```

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## 1817 0.016666667   0.0000000        0.0   Mar                1       1       7
## 1818 0.150000000   0.0000000        0.0   Mar                2       5       4
## 1819 0.100000000   0.0000000        0.0   Mar                2       2       2
## 1820 0.060000000   0.0000000        0.0   Mar                3       2       2
## 1821 0.028000000   0.0000000        0.0   Mar                2       2       1
## 1822 0.100000000   0.0000000        0.0   Mar                2       2       9
## 1823 0.003846154   0.0000000        0.0   Mar                2       2       3
## 1824 0.004594595   0.0000000        0.0   Mar                2       2       6
## 1825 0.034403292  12.5522074        0.0   Mar                1       1       3
## 1826 0.004013317   0.0000000        0.0   Mar                2       5       6
## 1827 0.043712341   3.3323333        0.0   Mar                1       1       1
## 1828 0.011111111   0.0000000        0.0   Mar                3       2       2
## 1829 0.027058824   0.0000000        0.0   Mar                2       2       2
## 1830 0.009375000  50.6649830        0.0   Mar                4       1       4
## 1831 0.028571429   0.0000000        0.0   Mar                2       2       1
## 1832 0.009523810   0.0000000        0.0   Mar                2       2       4
## 1833 0.025000000   0.0000000        0.0   Mar                2       5       1
## 1834 0.027160494   0.0000000        0.0   Mar                2       2       4
## 1835 0.009090909   0.0000000        0.0   Mar                2       4       1
## 1836 0.026428571   2.3976000        0.0   Mar                3       2       7
## 1837 0.031481481   0.0000000        0.0   Mar                1       1       1
## 1838 0.021511104   6.9382354        0.0   Mar                2       2       1
## 1839 0.100000000   0.0000000        0.0   Mar                2       2       9
## 1841 0.025000000   0.0000000        0.0   Mar                2       2       5
## 1842 0.023423423   0.0000000        0.0   Mar                2       4       3
## 1843 0.014666667  39.7173000        0.0   Mar                2       2       1
## 1844 0.100000000   0.0000000        0.0   Mar                2       2       1
## 1845 0.031111111   0.0000000        0.0   Mar                2       4       1
## 1846 0.008000000  19.9258494        0.0   Mar                4       2       2
## 1847 0.039251601   0.0000000        0.0   Mar                2       2       6
## 1848 0.016666667   0.0000000        0.0   Mar                2       2       1
## 1849 0.015384615   0.0000000        0.0   Mar                1       1       1
## 1850 0.030769231   0.0000000        0.0   Mar                2       4       4
## 1851 0.100000000   0.0000000        0.0   Mar                2       2       1
## 1852 0.010365854  30.0928134        0.0   Mar                2       2       7
## 1853 0.012500000   0.0000000        0.0   Mar                3       2       2
## 1854 0.055555556   0.0000000        0.0   Mar                2       2       6
## 1855 0.025000000   0.0000000        0.0   Mar                1       1       1
## 1856 0.010905045   6.4678317        0.0   Mar                2       2       3
## 1857 0.013461538  31.5464274        0.0   Mar                3       2       1
## 1858 0.003225806   0.0000000        0.0   Mar                2       2       7
## 1859 0.011111111   0.0000000        0.0   Mar                1       1       1
## 1860 0.020000000   0.0000000        0.0   Mar                2       2       1
## 1861 0.005555556  44.7110344        0.0   Mar                2       4       3
## 1862 0.005158730   0.0000000        0.0   Mar                3       2       1
## 1863 0.014285714   0.0000000        0.0   Mar                2       2       6
## 1864 0.066666667   0.0000000        0.0   Mar                3       2       1
## 1865 0.008000000   0.0000000        0.0   Mar                2       6       6
## 1866 0.065189145   0.0000000        0.0   Mar                2       2       1
## 1868 0.042857143   0.0000000        0.0   Mar                2       2       7
## 1869 0.012500000   0.0000000        0.0   Mar                3       2       9
## 1870 0.066666667   0.0000000        0.0   Mar                2       2       1
## 1871 0.025000000   0.0000000        0.0   Mar                3       2       1
## 1872 0.047107438   0.0000000        0.0   Mar                1       1       2
```

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## 1873 0.054166667   0.0000000        0.0   Mar                2       2      4
## 1874 0.028571429   0.0000000        0.0   Mar                2       4      3
## 1875 0.012941176  10.3216607        0.0   Mar                2       2      1
## 1876 0.012000000   0.0000000        0.0   Mar                2       2      2
## 1877 0.007603276   0.0000000        0.0   Mar                1       1      1
## 1878 0.071428571   0.0000000        0.0   Mar                2       2      2
## 1879 0.020767196   0.0000000        0.0   Mar                4       1      3
## 1880 0.100000000   0.0000000        0.0   Mar                4       2      1
## 1881 0.005367521   0.0000000        0.0   Mar                3       2      1
## 1882 0.012500000   0.0000000        0.0   Mar                1       1      3
## 1883 0.031111111   0.0000000        0.0   Mar                2       4      3
## 1884 0.037464387   9.9383992        0.0   Mar                1       1      1
## 1885 0.022222222   0.0000000        0.0   Mar                3       2      5
## 1886 0.016666667   0.0000000        0.0   Mar                2       2      1
## 1887 0.146666667   0.0000000        0.0   Mar                1       1      3
## 1888 0.009090909   0.0000000        0.0   Mar                2       2      7
## 1889 0.008333333   0.0000000        0.0   Mar                2       2      7
## 1890 0.200000000   0.0000000        0.0   Mar                2       2      5
## 1891 0.004761905   0.0000000        0.0   Mar                2       2      1
## 1892 0.021974359   1.6601182        0.0   Mar                3       2      7
## 1893 0.002272727   0.0000000        0.0   Mar                2       2      1
## 1894 0.100000000   0.0000000        0.0   Mar                2       4      2
## 1895 0.050000000   0.0000000        0.0   Mar                2       2      9
## 1896 0.003461538   0.0000000        0.0   Mar                1       1      3
## 1897 0.200000000   0.0000000        0.0   Mar                3       2      6
## 1898 0.041333333   0.0000000        0.0   Mar                2       2      1
## 1899 0.050000000   0.0000000        0.0   Mar                2       2      1
## 1900 0.100000000   0.0000000        0.0   Mar                1       1      1
## 1901 0.037575758   0.0000000        0.0   Mar                2       2      3
## 1902 0.009722222  39.6553816        0.0   Mar                1       1      1
## 1903 0.026562500   0.0000000        0.0   Mar                2       2      1
## 1904 0.005788982  29.0103850        0.0   Mar                2       2      1
## 1905 0.001086957  45.8293144        0.0   Mar                2       2      1
## 1906 0.016666667  12.5331429        0.0   Mar                1       1      6
## 1907 0.010000000   0.0000000        0.0   Mar                2       2      1
## 1908 0.033333333   0.0000000        0.0   Mar                2       5      1
## 1909 0.050000000   0.0000000        0.0   Mar                2       5      2
## 1910 0.022222222   0.0000000        0.0   Mar                2       2      3
## 1911 0.200000000   0.0000000        0.0   Mar                2       2      1
## 1912 0.018030303   0.0000000        0.0   Mar                2       2      4
## 1913 0.011111111   0.0000000        0.0   Mar                3       2      7
## 1914 0.004761905   0.0000000        0.0   Mar                3       2      8
## 1915 0.064444444   0.0000000        0.0   Mar                2       2      1
## 1916 0.166666667   0.0000000        0.0   Mar                2       2      1
## 1917 0.015277778   0.0000000        0.0   Mar                4       1      3
## 1918 0.008888889   0.0000000        0.0   Mar                3       3      1
## 1919 0.029142857  10.3572000        0.0   Mar                2       2      1
## 1920 0.005405405  20.8595676        0.0   Mar                2       4      9
## 1921 0.005357143   0.0000000        0.0   Mar                2       4      1
## 1922 0.001666667   0.0000000        0.0   Mar                3       2      1
## 1923 0.062500000   0.0000000        0.0   Mar                2       4      2
## 1924 0.019047619  54.2488642        0.0   Mar                2       2      1
## 1925 0.028205128   0.0000000        0.0   Mar                2       2      4
## 1927 0.029047619   0.0000000        0.0   Mar                1       1      2
```

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## 1928 0.021924603   0.0000000        0.0   Mar                3       2       3
## 1929 0.005263158   0.0000000        0.0   Mar                2       2       4
## 1930 0.040000000  14.0292000        0.0   Mar                2       2       9
## 1931 0.060714286   0.0000000        0.0   Mar                3       3       1
## 1932 0.200000000   0.0000000        0.0   Mar                2       5       1
## 1933 0.008888889   0.0000000        0.0   Mar                2       6       1
## 1935 0.031818182   0.0000000        0.0   Mar                2      10       7
## 1936 0.012857143   0.0000000        0.0   Mar                2       2       3
## 1937 0.023772222   0.0000000        0.0   Mar                2       2       3
## 1938 0.022105263   0.0000000        0.0   Mar                3       2       3
## 1939 0.100000000   0.0000000        0.0   Mar                1       1       3
## 1940 0.009285714   0.0000000        0.0   Mar                2       2       6
## 1941 0.046666667   0.0000000        0.0   Mar                2       2       2
## 1942 0.022222222  88.7846060        0.0   Mar                2       2       1
## 1943 0.010563841   0.0000000        0.0   Mar                3       2       1
## 1944 0.150000000   0.0000000        0.0   Mar                2       5       3
## 1945 0.003703704   0.0000000        0.0   Mar                2       6       7
## 1946 0.033333333   0.0000000        0.0   Mar                3       2       8
## 1947 0.015384615   0.0000000        0.0   Mar                2       2       8
## 1948 0.013333333   0.0000000        0.0   Mar                2       5       1
## 1949 0.087500000   0.0000000        0.0   Mar                2       2       3
## 1951 0.200000000   0.0000000        0.0   Mar                3       3       3
## 1952 0.033333333   0.0000000        0.0   Mar                2       2       6
## 1953 0.003508772   0.0000000        0.0   Mar                2       2       6
## 1954 0.031250000   0.0000000        0.0   Mar                2       4       6
## 1955 0.016666667   0.0000000        0.0   Mar                2       2       3
## 1956 0.032456140   0.0000000        0.0   Mar                2       5       3
## 1957 0.013333333   0.0000000        0.0   Mar                1       2       1
## 1958 0.002666667   0.0000000        0.0   Mar                2       2       1
## 1959 0.020000000   0.0000000        0.0   Mar                2       4       1
## 1960 0.025000000   0.0000000        0.0   Mar                2       2       3
## 1961 0.011764706   0.0000000        0.0   Mar                2       2       1
## 1962 0.062500000   0.0000000        0.0   Mar                2      10       4
## 1963 0.011111111   0.0000000        0.0   Mar                2       2       1
## 1964 0.022222222  27.3822422        0.0   Mar                2       2       5
## 1965 0.015384615   0.0000000        0.0   Mar                2       4       1
## 1966 0.062745098   0.0000000        0.0   Mar                2       2       6
## 1967 0.035294118   0.0000000        0.0   Mar                2       4       4
## 1968 0.012121212  17.1254546        0.0   Mar                2       2       1
## 1969 0.013440860   9.0530816        0.0   Mar                1       1       1
## 1970 0.012500000   0.0000000        0.0   Mar                2      10       2
## 1971 0.028571429   0.0000000        0.0   Mar                1       1       2
## 1972 0.007986111   0.0000000        0.0   Mar                1       1       3
## 1973 0.066666667   0.0000000        0.0   Mar                2       2       7
## 1974 0.011565934   0.0000000        0.0   Mar                3       2       3
## 1975 0.040000000   0.0000000        0.0   Mar                2       2       1
## 1976 0.017361111   0.0000000        0.0   Mar                3       2       1
## 1977 0.050000000   0.0000000        0.0   Mar                2       2       3
## 1978 0.037500000   0.0000000        0.0   Mar                2       2       6
## 1979 0.088888889   0.0000000        0.0   Mar                3       2       2
## 1980 0.037681159   0.0000000        0.0   Mar                1       2       2
## 1981 0.066666667   0.0000000        0.0   Mar                2       2       1
## 1982 0.014285714   0.0000000        0.0   Mar                2       4       1
## 1983 0.021568627   0.0000000        0.0   Mar                1       1       1
```

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## 1984 0.016666667  33.3283450        0.0   Mar                2       5       1
## 1985 0.022556391   9.5174211        0.0   Mar                3       2       3
## 1986 0.018888889   6.2840449        0.0   Mar                2       2       1
## 1987 0.029684228   0.0000000        0.0   Mar                1       1       1
## 1988 0.027777778   0.0000000        0.0   Mar                2       4       1
## 1989 0.015384615   0.0000000        0.0   Mar                1       2       3
## 1990 0.018485839   4.4653984        0.0   Mar                2       4       3
## 1991 0.003333333   0.0000000        0.0   Mar                1       1       1
## 1992 0.100000000   0.0000000        0.0   Mar                2       2       4
## 1993 0.006666667   0.0000000        0.0   Mar                2       2       1
## 1994 0.200000000   0.0000000        0.0   Mar                1       1       3
## 1995 0.003225806   0.0000000        0.0   Mar                2       2       1
## 1996 0.031501832   0.0000000        0.0   Mar                2       4       8
## 1997 0.015614035   9.0927719        0.0   Mar                1       1       2
## 1998 0.022222222  57.9641765        0.0   Mar                2       2       2
## 1999 0.014285714   0.0000000        0.0   Mar                1       1       1
## 2000 0.009090909   0.0000000        0.0   Mar                2       2       3
## 2001 0.016447330   2.8423070        0.0   Mar                3       2       1
## 2002 0.015555556  10.7820000        0.0   Mar                2       2       1
## 2003 0.091666667   0.0000000        0.0   Mar                2       5       3
## 2004 0.025000000   0.0000000        0.0   Mar                1       1       7
## 2005 0.014814815   0.0000000        0.0   Mar                2       2       2
## 2006 0.089285714   0.0000000        0.0   Mar                3       2       1
## 2007 0.006734694  49.4704098        0.0   Mar                2       5       3
## 2008 0.100000000   0.0000000        0.0   Mar                1       1       1
## 2009 0.012301587   0.0000000        0.0   Mar                2       2       3
## 2010 0.133333333   0.0000000        0.0   Mar                4       1       1
## 2011 0.007407407   0.0000000        0.0   Mar                2       2       2
## 2012 0.024837398   6.5480114        0.0   Mar                2       2       3
## 2013 0.010251724   1.8164741        0.0   Mar                4       2       1
## 2014 0.050000000   0.0000000        0.0   Mar                2       5       1
## 2015 0.010416667  14.6395783        0.0   Mar                1       1       2
## 2016 0.007551020   5.5767209        0.0   Mar                2       2       4
## 2017 0.006589147   0.0000000        0.0   Mar                2       2       1
## 2018 0.030662021   0.0000000        0.0   Mar                2       2       3
## 2019 0.025000000   0.0000000        0.0   Mar                2       4       3
## 2020 0.100000000   0.0000000        0.0   Mar                3       2       7
## 2021 0.012500000   0.0000000        0.0   Mar                2       4       1
## 2022 0.031250000   0.0000000        0.0   Mar                1       2       1
## 2023 0.005714286   0.0000000        0.0   Mar                3       2       5
## 2024 0.066666667   0.0000000        0.0   Mar                2       7       4
## 2025 0.005970149 109.9124051        0.0   Mar                2       5       4
## 2026 0.020833333   0.0000000        0.0   Mar                2       2       2
## 2027 0.100000000   0.0000000        0.0   Mar                2       4       6
## 2028 0.018181818   0.0000000        0.0   Mar                2       2       3
## 2029 0.075000000   0.0000000        0.0   Mar                2       2       3
## 2030 0.200000000   0.0000000        0.0   Mar                2       4       1
## 2031 0.019230769   0.0000000        0.0   Mar                3       2       3
## 2032 0.036666667   0.0000000        0.0   Mar                2       2       8
## 2033 0.007239057   0.0000000        0.0   Mar                2       2       9
## 2034 0.014035088   0.0000000        0.0   Mar                3       2       2
## 2035 0.023333333  44.7346667        0.0   Mar                3       2       6
## 2036 0.009523810   0.0000000        0.0   Mar                3       2       3
## 2037 0.012179487   0.0000000        0.0   Mar                1       1       3
```

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## 2041 0.027362361   5.7709600        0.0   Mar                2       2      6
## 2042 0.013192815   3.7956610        0.0   Mar                3       2      6
## 2043 0.016666667   0.0000000        0.0   Mar                2       6      3
## 2044 0.020000000   0.0000000        0.0   Mar                3       2      1
## 2045 0.005555556   0.0000000        0.0   Mar                1       2      3
## 2046 0.001799477  17.3489362        0.0   Mar                2       2      1
## 2047 0.100000000   0.0000000        0.0   Mar                2       2      2
## 2048 0.066666667   0.0000000        0.0   Mar                4       2      6
## 2049 0.100000000   0.0000000        0.0   Mar                1       1      6
## 2050 0.016666667   0.0000000        0.0   Mar                2       2      6
## 2051 0.066666667   0.0000000        0.0   Mar                2       2      1
## 2052 0.015740741   0.0000000        0.0   Mar                2       2      8
## 2053 0.200000000   0.0000000        0.0   Mar                2       5      2
## 2054 0.112500000   0.0000000        0.0   Mar                2       2      3
## 2055 0.100000000   0.0000000        0.0   Mar                2       2      3
## 2056 0.105000000   0.0000000        0.0   Mar                2       2      2
## 2059 0.025000000   0.0000000        0.0   Mar                3       2      1
## 2060 0.022222222   0.0000000        0.0   Mar                2       2      3
## 2061 0.050000000   0.0000000        0.0   Mar                2       4      1
## 2062 0.200000000   0.0000000        0.0   Mar                2       5      1
## 2063 0.010000000   0.0000000        0.0   Mar                2       2      3
## 2064 0.015555556   0.0000000        0.0   Mar                2       5      2
## 2065 0.017977208  16.1728000        0.0   Mar                2       2      3
## 2066 0.009090909   0.0000000        0.0   Mar                2       4      7
## 2067 0.011505376   1.5927742        0.0   Mar                1       8      4
## 2068 0.000586510  54.6763484        0.0   Mar                2       2      7
## 2069 0.162500000   0.0000000        0.0   Mar                3       2      3
## 2070 0.009523810   0.0000000        0.0   Mar                2       2      1
## 2071 0.010000000  91.9800000        0.0   Mar                1       1      3
## 2072 0.002159624   0.0000000        0.0   Mar                2       2      8
## 2073 0.007692308  11.9926402        0.0   Mar                1       1      1
## 2074 0.005636724  33.3307450        0.0   Mar                2       2      5
## 2075 0.016129032   0.0000000        0.0   Mar                2       5      2
## 2076 0.017647059  39.8586667        0.0   Mar                2       2      1
## 2077 0.073333333  19.9960000        0.0   Mar                2       2      3
## 2078 0.012500000   0.0000000        0.0   Mar                1       1      6
## 2079 0.114285714   0.0000000        0.0   Mar                1       1      3
## 2080 0.028125000   0.0000000        0.0   Mar                2       2      3
## 2081 0.006666667   0.0000000        0.0   Mar                2       2      8
## 2082 0.050000000   0.0000000        0.0   Mar                2       2      3
## 2083 0.033333333   0.0000000        0.0   Mar                3       3      1
## 2084 0.087500000   0.0000000        0.0   Mar                1       1      6
## 2085 0.020784314  26.1201542        0.0   Mar                2       2      3
## 2086 0.006896552   0.0000000        0.0   Mar                2       2      1
## 2087 0.002380952  24.7504762        0.0   Mar                1       1      1
## 2088 0.005263158   0.0000000        0.0   Mar                2       4      1
## 2089 0.020000000   0.0000000        0.0   Mar                2       4      7
## 2090 0.200000000   0.0000000        0.0   Mar                3       2      1
## 2091 0.012500000   0.0000000        0.0   Mar                2       4      1
## 2092 0.005128205  54.9800000        0.0   May                3       2      4
## 2093 0.001449275   0.0000000        0.8   May                3       2      1
## 2094 0.015307716   5.6381031        0.0   May                2       2      1
## 2095 0.100000000   0.0000000        0.0   May                2       2      4
## 2096 0.024719927   0.0000000        0.6   May                2       2      3
```

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## 2097 0.012319347   0.0000000        0.0   May                3       2       6
## 2098 0.200000000   0.0000000        0.0   May                1       1       1
## 2099 0.007692308  11.5192308        0.0   May                2       2       1
## 2100 0.047222222   0.0000000        0.0   May                2       5       4
## 2101 0.025641026   0.0000000        0.0   May                1       2       5
## 2102 0.064705882   0.0000000        0.8   May                2       2       1
## 2103 0.177777778   0.0000000        0.0   May                1       1       1
## 2104 0.039305682   0.0000000        0.4   May                2       2       1
## 2105 0.200000000   0.0000000        0.6   May                1       1       1
## 2106 0.002564103   0.0000000        0.0   May                4       2       1
## 2107 0.200000000   0.0000000        0.0   May                1       1       1
## 2108 0.021089500   0.0000000        0.6   May                1       1       1
## 2109 0.025000000  14.6895000        0.6   May                2       5       1
## 2110 0.023321256   0.0000000        0.0   May                2       2       1
## 2111 0.033973374   6.7485000        0.0   May                2       2       7
## 2112 0.002631579   0.0000000        0.0   May                2       2       4
## 2113 0.091666667   0.0000000        0.0   May                3       2       1
## 2114 0.033333333   0.0000000        0.0   May                2       2       1
## 2115 0.025000000   0.0000000        0.0   May                3       6       3
## 2116 0.009090909  20.2453697        0.0   May                2       4       1
## 2117 0.050000000   0.0000000        0.0   May                3       2       6
## 2118 0.075000000   0.0000000        0.0   May                2       2       3
## 2119 0.011458333  17.9910000        0.0   May                2       2       1
## 2120 0.100000000   0.0000000        0.0   May                1       1       1
## 2121 0.013513514   0.0000000        0.6   May                2       2       1
## 2122 0.080000000   0.0000000        0.6   May                1       1       1
## 2123 0.042307692  10.9472308        0.6   May                2       2       1
## 2124 0.012500000   0.0000000        0.0   May                2       2       6
## 2125 0.030701754   0.0000000        0.8   May                2       4       1
## 2126 0.025000000   0.0000000        0.0   May                3       2       3
## 2127 0.026666667   0.0000000        0.0   May                2       2       4
## 2128 0.079487179   0.0000000        0.6   May                1       1       4
## 2129 0.024390244   0.0000000        0.0   May                2       2       1
## 2130 0.100000000   0.0000000        0.8   May                2       5       4
## 2131 0.200000000   0.0000000        0.0   May                2       4       1
## 2132 0.008695652  46.0064348        0.0   May                2       2       4
## 2133 0.040415616   8.0826900        0.0   May                2       1       1
## 2134 0.041810345   0.0000000        0.0   May                2       6       4
## 2135 0.033333333   0.0000000        0.0   May                2       6       3
## 2136 0.020000000   0.0000000        0.0   May                2       2       2
## 2137 0.018181818   0.0000000        0.0   May                2       4       8
## 2138 0.032432432   0.0000000        0.2   May                4       1       1
## 2139 0.022549020   0.0000000        0.2   May                1       2       3
## 2140 0.073076923   0.0000000        0.8   May                2       2       5
## 2141 0.017058824   0.0000000        1.0   May                2       2       5
## 2142 0.054545455   0.0000000        0.6   May                2       2       4
## 2143 0.200000000   0.0000000        0.0   May                1       1       1
## 2144 0.019892473   0.0000000        0.0   May                2       4       2
## 2145 0.025289256  32.0650909        0.0   May                3       2       3
## 2146 0.083333333   0.0000000        0.0   May                2       2       3
## 2147 0.016666667   0.0000000        0.0   May                2       4       1
## 2148 0.031111111   0.0000000        0.6   May                2       2       7
## 2149 0.123412698   0.0000000        0.4   May                2       2       1
## 2150 0.045416667   0.0000000        0.0   May                3       2       1
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## 2151 0.004081633   0.0000000        0.8   May                2       4      4
## 2152 0.200000000   0.0000000        0.6   May                3       2      4
## 2153 0.007142857   0.0000000        0.0   May                2       2      2
## 2154 0.034101382  18.1114839        0.0   May                3       2      6
## 2155 0.055555556   0.0000000        0.0   May                2       2      3
## 2156 0.142857143   0.0000000        0.0   May                2       4      3
## 2157 0.033333333   0.0000000        0.6   May                2       2      1
## 2158 0.086507937   0.0000000        1.0   May                2       2      4
## 2159 0.100000000   0.0000000        0.8   May                1       1      1
## 2160 0.061111111   0.0000000        0.8   May                2       2      9
## 2161 0.008000000   0.0000000        0.0   May                2       2      1
## 2162 0.066666667   0.0000000        0.0   May                2       2      7
## 2163 0.040000000   0.0000000        0.0   May                2       2      3
## 2164 0.116666667   0.0000000        0.8   May                3       2      1
## 2165 0.009375000  26.9831250        0.0   May                3       2      3
## 2166 0.018571429   0.0000000        0.0   May                3       2      2
## 2167 0.155555556   0.0000000        0.8   May                2       2      7
## 2168 0.003076923   0.0000000        1.0   May                3       2      1
## 2169 0.025000000   0.0000000        0.0   May                1       1      2
## 2170 0.005555556  28.3983333        0.0   May                2       2      8
## 2171 0.018750000   0.0000000        0.8   May                2       2      1
## 2172 0.023000000  16.8250500        0.0   May                1       1      1
## 2173 0.200000000   0.0000000        0.6   May                2       2      1
## 2174 0.046203704   0.0000000        0.0   May                3       2      6
## 2175 0.004054054  20.3944865        0.0   May                2       2      3
## 2176 0.200000000   0.0000000        0.0   May                1       1      4
## 2177 0.150000000   0.0000000        0.0   May                2       2      1
## 2178 0.116666667   0.0000000        0.4   May                2       6      1
## 2179 0.028907563   9.6095294        0.6   May                3       2      4
## 2180 0.016666667   0.0000000        0.0   May                3       2      1
## 2181 0.020833333   0.0000000        0.4   May                2       2      2
## 2182 0.013571429   2.6633333        0.0   May                1       1      1
## 2183 0.200000000   0.0000000        0.0   May                3       2      3
## 2184 0.100000000   0.0000000        0.0   May                2       2      6
## 2185 0.056000000   0.0000000        0.4   May                3       2      1
## 2186 0.009228841   0.0000000        0.0   May                1       1      1
## 2187 0.012121212   2.7828864        0.4   May                2       2      4
## 2188 0.095098039   0.0000000        1.0   May                2       2      1
## 2189 0.000826446  59.9880000        0.0   May                1       1      1
## 2190 0.200000000   0.0000000        0.0   May                2       2      1
## 2191 0.043499683   0.0000000        0.0   May                2       2      8
## 2192 0.058730159   0.0000000        0.6   May                2       5      1
## 2193 0.020440917  21.1162963        0.0   May                2       2      8
## 2194 0.004000000  14.7920000        0.0   May                3       2      4
## 2195 0.070833333   0.0000000        0.4   May                2       2      8
## 2196 0.069565217   0.0000000        0.6   May                2       2      1
## 2197 0.050000000   0.0000000        0.6   May                2      10      1
## 2198 0.012500000   0.0000000        0.6   May                2       6      1
## 2199 0.050000000   0.0000000        0.0   May                2       4      1
## 2200 0.050000000   0.0000000        0.0   May                1       1      1
## 2201 0.015030530   4.5082711        0.0   May                2       2      3
## 2202 0.008333333   0.0000000        0.0   May                2       2      1
## 2203 0.007000000  54.9759000        0.0   May                2       2      1
## 2204 0.020887890  10.2122977        0.0   May                2       4      1
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## 2205 0.020833333   0.0000000        0.0   May                2       2      3
## 2206 0.050000000   0.0000000        0.4   May                3       2      4
## 2207 0.088271605   0.0000000        0.4   May                2       5      1
## 2208 0.100000000   0.0000000        0.0   May                2       5      2
## 2209 0.023939394  23.0690000        0.0   May                2       2      1
## 2210 0.014481293   2.8467797        1.0   May                1       1      9
## 2211 0.200000000   0.0000000        0.0   May                1       1      7
## 2212 0.020370370   0.0000000        0.8   May                3       2      6
## 2213 0.002439024   0.0000000        1.0   May                2       2      4
## 2214 0.025900901  24.6383784        0.0   May                1       1      9
## 2215 0.010418719   0.0000000        0.0   May                3       2      3
## 2216 0.004761905  17.6965714        1.0   May                1       1      1
## 2217 0.030151515  22.3392000        0.0   May                1       1      3
## 2218 0.038438438   5.1854573        0.0   May                2       2      1
## 2219 0.053333333   0.0000000        0.8   May                7       1      3
## 2220 0.046439700   4.3744013        0.2   May                2       2      8
## 2221 0.028571429   0.0000000        0.4   May                3       3      5
## 2222 0.100000000   0.0000000        0.0   May                1       1      3
## 2223 0.035714286  43.1922857        0.0   May                2       2      3
## 2224 0.031578947   0.0000000        0.6   May                2       2      1
## 2225 0.028333333   0.0000000        0.0   May                2       2      7
## 2226 0.030000000   0.0000000        0.0   May                2       2      2
## 2227 0.100000000   0.0000000        0.0   May                3       2      1
## 2228 0.003440860   0.0000000        0.0   May                3       2      1
## 2229 0.003921569   0.0000000        0.0   May                2       2      2
## 2230 0.200000000   0.0000000        0.4   May                1       8      7
## 2231 0.020000000   0.0000000        0.0   May                1       1      3
## 2232 0.025641026  20.9169231        0.0   May                2       2      1
## 2233 0.066666667   0.0000000        0.2   May                2       5      1
## 2234 0.088888889   0.0000000        0.0   May                3       2      4
## 2235 0.023333333   2.9732143        0.0   May                2       2      3
## 2237 0.200000000   0.0000000        0.0   May                2       2      1
## 2238 0.166666667   0.0000000        0.6   May                1       1      1
## 2239 0.017369338   0.5827500        0.0   May                2       6      1
## 2240 0.021245421   0.0000000        0.0   May                3       2      1
## 2241 0.125000000   0.0000000        1.0   May                2       5      1
## 2242 0.023333333   0.0000000        0.0   May                2       4      3
## 2243 0.036759259  26.5455000        0.0   May                2       4      4
## 2244 0.017167920  18.4698947        0.0   May                3       2      1
## 2245 0.015711501   4.3769158        0.4   May                1       1      4
## 2246 0.039015152   0.0000000        0.0   May                2       5      6
## 2247 0.040000000   0.0000000        0.0   May                2       2      2
## 2248 0.001481481  34.9916667        0.0   May                2       2      5
## 2249 0.030833333   0.0000000        1.0   May                2       2      2
## 2250 0.042424242  19.3818182        0.0   May                2       2      1
## 2251 0.044444444   0.0000000        0.4   May                2      10      9
## 2252 0.075208333  12.4841250        0.4   May                3       2      8
## 2253 0.048333333   0.0000000        0.6   May                4       2      1
## 2254 0.033333333   0.0000000        0.0   May                3       2      4
## 2255 0.009196581   0.0000000        0.0   May                2       2      4
## 2256 0.018007866   4.8739694        0.0   May                3       3      3
## 2257 0.023856765   0.0000000        0.6   May                3       2      1
## 2258 0.014736842   0.0000000        0.0   May                3       2      1
## 2259 0.020512821  32.9460000        0.2   May                2       2      4
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## 2260 0.006153846 143.2115385        0.0   May                2       4      3
## 2261 0.016751935  32.6896909        0.0   May                1       1      3
## 2262 0.011111111   0.0000000        0.0   May                1       1      1
## 2263 0.036927442   3.4312103        0.0   May                3       2      1
## 2264 0.200000000   0.0000000        0.0   May                1       1      8
## 2265 0.066666667   0.0000000        0.0   May                2       2      1
## 2266 0.028571429   0.0000000        0.0   May                1       1      3
## 2267 0.050000000   0.0000000        0.0   May                3       2      1
## 2268 0.002941176  13.0732941        0.0   May                2       2      6
## 2269 0.168750000   0.0000000        0.6   May                3       2      1
## 2270 0.014219114   0.0000000        0.0   May                3       2      9
## 2271 0.012500000   0.0000000        0.0   May                3       2      4
## 2272 0.013333333  33.9612000        0.0   May                3       2      1
## 2273 0.200000000   0.0000000        0.0   May                1       1      1
## 2274 0.017647059   0.0000000        0.0   May                3       2      4
## 2275 0.023529412  51.1172255        0.0   May                2       2      1
## 2276 0.029027611   0.0000000        0.0   May                1       1      1
## 2277 0.200000000   0.0000000        0.6   May                3       2      8
## 2278 0.026472431   4.2542500        0.0   May                2       2      5
## 2279 0.007407407  44.4773333        0.0   May                1       1      1
## 2280 0.038095238   0.0000000        0.0   May                2       2      3
## 2281 0.030666667   0.0000000        0.0   May                3       2      3
## 2282 0.010344828  25.9033103        0.0   May                4       2      1
## 2283 0.200000000   0.0000000        0.0   May                1       1      6
## 2284 0.200000000   0.0000000        0.6   May                3       2      6
## 2285 0.014387171   1.7221649        0.0   May                2       4      1
## 2286 0.173809524   0.0000000        0.6   May                3       2      6
## 2287 0.066781609   0.0000000        0.0   May                3       2      2
## 2288 0.073333333   0.0000000        0.0   May                2       5      1
## 2289 0.023809524   0.0000000        0.0   May                3       2      1
## 2290 0.035271318   0.0000000        0.6   May                2       2      1
## 2291 0.014160401  16.0486071        0.0   May                3       2      3
## 2292 0.025000000   0.0000000        0.0   May                3       2      1
## 2293 0.014873664  21.0248163        0.2   May                3       2      4
## 2294 0.200000000   0.0000000        0.4   May                3       2      1
## 2295 0.027450980   0.0000000        0.8   May                1       1      3
## 2296 0.100000000   0.0000000        0.0   May                1       1      8
## 2297 0.017829457   7.5293023        0.0   May                2       2      1
## 2298 0.044827586   0.0000000        0.4   May                2       2      1
## 2299 0.050000000   0.0000000        0.6   May                2       2      6
## 2300 0.066666667   0.0000000        0.0   May                2       2      9
## 2301 0.011240310  35.2339845        0.0   May                2       2      4
## 2302 0.029444444   6.1650000        0.8   May                2       2      2
## 2303 0.075238095   0.0000000        0.8   May                2       5      4
## 2304 0.016666667   0.0000000        0.0   May                1       1      5
## 2305 0.007500000  31.1904000        0.6   May                2       2      1
## 2306 0.026315789   0.0000000        0.0   May                2       4      1
## 2307 0.027333333   0.0000000        0.0   May                3       2      2
## 2308 0.006060606   0.0000000        0.0   May                2       2      6
## 2309 0.015384615   0.0000000        0.0   May                2       6      6
## 2310 0.015262515  18.9926923        0.0   May                2       2      1
## 2311 0.059803922   0.0000000        0.8   May                3       2      3
## 2312 0.025357143   0.0000000        0.0   May                2       2      3
## 2313 0.019090804   9.4172721        0.0   May                3       2      4
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## 2314 0.028759666   0.0000000        0.0   May                3       2       1
## 2315 0.100000000   0.0000000        0.0   May                2       2       1
## 2316 0.025000000   0.0000000        0.0   May                2       2       7
## 2317 0.021428571   0.0000000        1.0   May                2       4       4
## 2318 0.080000000   0.0000000        0.0   May                1       1       1
## 2319 0.055331772   4.1632596        0.2   May                3       2       4
## 2320 0.003921569  12.6344118        0.0   May                2       4       1
## 2321 0.014367816   0.0000000        0.0   May                4       2       1
## 2322 0.200000000   0.0000000        0.0   May                3       2       8
## 2323 0.021875000   0.0000000        0.0   May                2       2       2
## 2324 0.200000000   0.0000000        0.8   May                3       2       2
## 2325 0.122222222   0.0000000        0.2   May                1       1       4
## 2326 0.200000000   0.0000000        0.0   May                1       1       1
## 2327 0.109090909   0.0000000        0.8   May                2       2       1
## 2328 0.040000000   0.0000000        0.0   May                2       2       1
## 2329 0.027450980   0.0000000        0.2   May                1       1       1
## 2330 0.005128205   0.0000000        1.0   May                3       2       5
## 2331 0.011111111   0.0000000        0.0   May                2       4       3
## 2332 0.133333333   0.0000000        0.0   May                2       2       1
## 2333 0.200000000   0.0000000        0.0   May                3       2       6
## 2334 0.200000000   0.0000000        1.0   May                1       1       4
## 2335 0.100000000   0.0000000        0.0   May                1       2       1
## 2336 0.025596405   8.0115534        0.4   May                2       2       1
## 2337 0.013333333   0.0000000        0.0   May                2       2       1
## 2338 0.008695652   0.0000000        0.0   May                4       1       1
## 2339 0.026231884   4.2426884        0.0   May                1       1       3
## 2340 0.150000000   0.0000000        0.4   May                2       2       1
## 2341 0.048125000  22.6298958        0.4   May                2       2       2
## 2342 0.020000000   0.0000000        0.0   May                2       2       5
## 2343 0.007407407   0.0000000        0.0   May                3       2       3
## 2344 0.200000000   0.0000000        0.0   May                3       2       3
## 2345 0.013333333   0.0000000        0.0   May                3       2       3
## 2346 0.100000000   0.0000000        0.0   May                2       2       1
## 2347 0.027272727   0.0000000        0.4   May                1       1       5
## 2348 0.008333333   0.0000000        0.0   May                4       2       1
## 2349 0.014705882   0.0000000        0.0   May                3       2       6
## 2350 0.016666667   0.0000000        0.6   May                1       1       3
## 2351 0.056666667   0.0000000        0.6   May                1       1       1
## 2352 0.155555556   0.0000000        0.4   May                2       4       1
## 2353 0.200000000   0.0000000        0.6   May                3       2       1
## 2354 0.022666667   0.0000000        0.4   May                2       2       1
## 2355 0.050000000   0.0000000        0.0   May                2       2       2
## 2356 0.048148148   0.0000000        0.0   May                2       4       3
## 2357 0.200000000   0.0000000        0.0   May                4       1       1
## 2358 0.033333333   0.0000000        0.0   May                2       6       4
## 2359 0.100000000   0.0000000        0.0   May                3       2       3
## 2360 0.025000000  32.7993750        0.0   May                2       4       6
## 2361 0.021212121  23.6051892        0.2   May                2       2       8
## 2362 0.012937063   0.0000000        0.0   May                1       2       1
## 2363 0.018750000   0.0000000        0.0   May                2       2       1
## 2364 0.200000000   0.0000000        0.4   May                1       1       3
## 2365 0.040000000   0.0000000        0.0   May                3       2       8
## 2366 0.033333333   0.0000000        0.2   May                2       2       7
## 2367 0.014285714   0.0000000        0.0   May                2       2       3
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## 2368 0.007692308   0.0000000        0.0   May                1       1      4
## 2369 0.016666667   0.0000000        0.0   May                2       2      2
## 2370 0.010111111   0.0000000        0.0   May                2       5      2
## 2371 0.017195767   0.0000000        0.0   May                3       2      8
## 2372 0.010476190  19.7813512        0.4   May                2       2      2
## 2373 0.055119048   0.0000000        0.0   May                2       2      1
## 2374 0.018181818   0.0000000        0.0   May                2       2      2
## 2375 0.020634921   0.0000000        0.4   May                3       2      1
## 2376 0.010000000   0.0000000        0.4   May                2       2      1
## 2377 0.023404255   0.0000000        0.0   May                2       2      4
## 2378 0.173333333   0.0000000        0.4   May                1       1      1
## 2379 0.024814815   0.0000000        0.6   May                1       1      8
## 2380 0.013333333   0.0000000        0.0   May                3       2      8
## 2381 0.200000000   0.0000000        1.0   May                1       1      3
## 2382 0.077777778   0.0000000        0.0   May                1       1      1
## 2383 0.054666667   0.0000000        0.8   May                2       2      1
## 2384 0.020277778   0.0000000        0.8   May                2      10      1
## 2385 0.020580808   6.2210455        0.6   May                2       2      2
## 2386 0.035507246   0.0000000        0.8   May                2       2      7
## 2387 0.041666667   0.0000000        0.2   May                2       2      2
## 2388 0.023003663   2.7412000        0.0   May                2       4      2
## 2389 0.003553372   0.0000000        0.0   May                2       2      3
## 2390 0.009652076   2.2084944        0.0   May                2       2      1
## 2391 0.035000000   0.0000000        0.0   May                2       2      1
## 2392 0.012500000   0.0000000        0.0   May                2       4      4
## 2393 0.066666667  65.9880000        0.0   May                2       2      1
## 2394 0.200000000   0.0000000        0.8   May                2       2      4
## 2395 0.024000000   0.0000000        0.0   May                2       6      2
## 2396 0.016666667   5.4945000        0.0   May                1       8      2
## 2397 0.019583333   0.0000000        0.0   May                4       1      1
## 2398 0.015000000   7.6686395        0.0   May                2       2      3
## 2399 0.051960784   0.0000000        1.0   May                3       2      4
## 2400 0.034671498  13.6615882        1.0   May                2      10      2
## 2401 0.023447941   0.0000000        0.0   May                3       2      5
## 2402 0.016666667   0.0000000        0.0   May                3       2      4
## 2403 0.042857143   0.0000000        0.4   May                2       2      1
## 2404 0.065517241   0.0000000        0.2   May                2       7      3
## 2405 0.066666667   0.0000000        0.6   May                2       2      1
## 2406 0.020000000   0.0000000        1.0   May                1       1      1
## 2407 0.058370370   0.0000000        1.0   May                3       2      7
## 2408 0.036298293   0.0000000        1.0   May                2       2      7
## 2409 0.006061121   0.0000000        0.6   May                2       2      5
## 2410 0.022222222   0.0000000        0.0   May                3       2      6
## 2411 0.031818182   0.0000000        0.0   May                2       4      4
## 2412 0.019541890   8.9799346        0.8   May                1       1      4
## 2413 0.018181818  86.3880000        0.0   May                2       2      6
## 2414 0.044444444   0.0000000        0.8   May                2       4      9
## 2415 0.011083789   4.9477663        0.8   May                6       2      2
## 2416 0.050212934   2.5790649        0.0   May                3       2      2
## 2417 0.200000000   0.0000000        0.0   May                1       1      1
## 2418 0.051219512   0.0000000        0.2   May                2      10      7
## 2419 0.200000000   0.0000000        0.4   May                2       2      1
## 2420 0.049122807  22.3293474        0.0   May                2       2      1
## 2421 0.200000000   0.0000000        0.0   May                3       2      3
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## 2422 0.019189510   0.0000000        0.0   May                1       1      5
## 2423 0.045000000   0.0000000        0.8   May                4       1      3
## 2424 0.200000000   0.0000000        0.0   May                2       2      2
## 2425 0.044444444   0.0000000        0.2   May                3       2      2
## 2426 0.050000000   0.0000000        0.4   May                2       2      6
## 2427 0.012500000  33.6501000        0.0   May                2       2      3
## 2428 0.073333333   0.0000000        0.0   May                2       2      7
## 2429 0.016111111   2.5684548        0.0   May                2       2      2
## 2430 0.040000000   0.0000000        0.0   May                2       2      6
## 2431 0.133333333   0.0000000        0.0   May                1       1      1
## 2432 0.100000000   0.0000000        0.8   May                2       2      1
## 2433 0.075000000   0.0000000        0.8   May                2       2      6
## 2434 0.200000000   0.0000000        0.0   May                2       2      4
## 2435 0.070588235   0.0000000        0.0   May                3       2      1
## 2436 0.200000000   0.0000000        0.8   May                3       2      2
## 2437 0.018750000   0.0000000        0.0   May                2       2      2
## 2438 0.100000000   0.0000000        0.0   May                3       2      3
## 2439 0.133333333   0.0000000        0.6   May                2       2      8
## 2440 0.007407407   0.0000000        0.0   May                4       2      2
## 2441 0.028000000  18.5614800        0.0   May                2       5      3
## 2442 0.035515873   6.3107407        0.4   May                2       2      1
## 2443 0.038888889   0.0000000        0.4   May                1       1      3
## 2444 0.022222222   0.0000000        0.0   May                1       1      2
## 2445 0.014285714   0.0000000        0.0   May                4       2      9
## 2446 0.010526316   0.0000000        0.6   May                3       2      3
## 2447 0.025806452   0.0000000        0.0   May                2       4      5
## 2448 0.133333333   0.0000000        1.0   May                1       1      2
## 2449 0.002597403   0.0000000        0.0   May                1       1      5
## 2450 0.075000000   0.0000000        0.0   May                1       1      3
## 2451 0.140000000   0.0000000        0.0   May                3       2      2
## 2452 0.011877551   5.7890286        0.0   May                1       1      9
## 2453 0.022857143   0.0000000        0.6   May                4       1      1
## 2454 0.040211640   0.0000000        1.0   May                1       1      1
## 2455 0.025000000   0.0000000        0.0   May                1       8      2
## 2456 0.007142857   0.0000000        0.0   May                2       2      4
## 2457 0.200000000   0.0000000        0.6   May                1       1      7
## 2458 0.013305319   0.5133860        0.6   May                1       1      3
## 2459 0.075000000   0.0000000        0.6   May                3       2      1
## 2460 0.041666667   0.0000000        0.0   May                1       8      3
## 2461 0.034615385   0.0000000        0.2   May                2       2      3
## 2462 0.016494134   0.0000000        0.0   May                2       2      1
## 2463 0.088888889   0.0000000        0.4   May                2       5      1
## 2464 0.038461538   0.0000000        0.0   May                2       2      7
## 2465 0.015248796  42.8662809        0.0   May                2       4      3
## 2466 0.011764706   0.0000000        0.0   May                2       2      1
## 2467 0.015384615  71.4880000        0.0   May                2       5      2
## 2468 0.080000000   0.0000000        0.6   May                3       2      2
## 2469 0.016993464  53.9880000        0.0   May                2       2      2
## 2470 0.003389831   0.0000000        0.6   May                1       8      1
## 2471 0.072727273   0.0000000        0.6   May                2       2      4
## 2472 0.002857143   0.0000000        0.6   May                2       2      1
## 2473 0.024900794   0.0000000        0.0   May                3       3      1
## 2474 0.021194084  10.1722500        0.0   May                3       2      4
## 2475 0.070000000   0.0000000        0.6   May                2       2      6
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## 2476 0.021354167   0.0000000        0.4   May                2       2      3
## 2477 0.008227848  41.9251899        0.0   May                1       1      3
## 2478 0.120000000   0.0000000        0.6   May                1       1      1
## 2479 0.009523810   0.0000000        0.0   May                3       2      1
## 2480 0.150000000   0.0000000        0.6   May                1       1      5
## 2481 0.040277778   0.0000000        0.0   May                1       1      1
## 2482 0.040000000   0.0000000        0.0   May                1       1      1
## 2483 0.018181818  49.6254546        0.0   May                2       4      5
## 2484 0.011904762   0.0000000        0.0   May                2       2      1
## 2485 0.004166667   0.0000000        0.0   May                2       2      4
## 2486 0.050000000   0.0000000        0.0   May                1       1      1
## 2487 0.012821256   8.5691342        0.0   May                4       2      6
## 2488 0.053431373   0.0000000        0.6   May                2       4      7
## 2489 0.050000000   0.0000000        0.0   May                2       4      3
## 2490 0.022857143   0.0000000        0.0   May                3       2      7
## 2491 0.045217391   0.0000000        0.0   May                2       2      4
## 2492 0.051818182   0.0000000        0.0   May                1       1      3
## 2493 0.160000000   0.0000000        0.4   May                3       2      4
## 2494 0.024242424   0.0000000        0.2   May                1       1      8
## 2495 0.035648148   0.0000000        0.4   May                2       2      3
## 2496 0.050000000   0.0000000        0.0   May                1       1      1
## 2497 0.033333333   0.0000000        0.0   May                2       2      4
## 2498 0.006250000  28.7940000        0.0   May                3       2      1
## 2499 0.080000000   0.0000000        0.0   May                2       2      2
## 2500 0.052631579   0.0000000        0.4   May                2       2      6
## 2501 0.006250000   0.0000000        1.0   May                1       1      3
## 2502 0.006250000   0.0000000        0.0   May                3       2      1
## 2503 0.068571429   0.0000000        0.0   May                1       2      1
## 2504 0.026666667   0.0000000        0.0   May                2       2      5
## 2505 0.059420290   0.0000000        0.2   May                2       2      1
## 2506 0.016601512   0.0000000        0.6   May                3       2      2
## 2507 0.057142857   0.0000000        0.6   May                3       2      1
## 2508 0.017105263   0.0000000        0.0   May                1       1      1
## 2509 0.056349206   0.0000000        0.0   May                3       2      4
## 2510 0.021250000   0.0000000        0.0   May                2       2      7
## 2511 0.025000000   0.0000000        0.0   May                2       2      1
## 2512 0.043518519   0.0000000        0.8   May                2       2      1
## 2513 0.014967916   3.0607660        0.0   May                2      10      4
## 2514 0.200000000   0.0000000        0.0   May                1       1      1
## 2515 0.004545455   0.0000000        0.0   May                2       2      7
## 2516 0.035714286   0.0000000        1.0   May                1       1      2
## 2517 0.028571429   0.0000000        0.0   May                1       1      3
## 2518 0.096000000   0.0000000        0.0   May                2      10      3
## 2519 0.200000000   0.0000000        0.0   May                3       2      4
## 2520 0.050000000   0.0000000        0.2   May                2       2      3
## 2521 0.200000000   0.0000000        0.0   May                3       2      3
## 2522 0.125641026   0.0000000        0.6   May                3       2      1
## 2523 0.017192982   0.0000000        0.8   May                3       2      1
## 2524 0.111111111   0.0000000        0.0   May                3       5      1
## 2525 0.026893939   0.0000000        0.8   May                2       2      1
## 2526 0.010776613   7.1527505        0.8   May                2       5      2
## 2527 0.042965368   0.0000000        0.8   May                3       3      2
## 2528 0.100000000   0.0000000        0.0   May                2       2      2
## 2529 0.200000000   0.0000000        0.0   May                1       1      3
```

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## 2530 0.019047619   7.7349031        0.0   May                2       2       6
## 2531 0.026000000   0.0000000        0.0   May                1       1       2
## 2532 0.026923077   0.0000000        0.6   May                3       2       1
## 2533 0.051754386   0.0000000        0.0   May                2       2       4
## 2534 0.200000000   0.0000000        0.4   May                1       1       1
## 2535 0.056052632   0.0000000        1.0   May                2       2       4
## 2536 0.024531190   0.0000000        0.4   May                2       2       6
## 2537 0.157142857   0.0000000        0.6   May                3       2       3
## 2538 0.006277056   4.5043818        0.0   May                3       2       4
## 2539 0.021069182   0.0000000        0.0   May                1       1       3
## 2540 0.011764706  15.0848824        0.0   May                2       2       3
## 2541 0.200000000   0.0000000        0.2   May                3       2       1
## 2542 0.025933333   0.0000000        0.8   May                2       2       3
## 2543 0.028214286  31.1781250        0.0   May                4       2       1
## 2544 0.020833333   0.0000000        0.0   May                2       4       7
## 2545 0.126666667   0.0000000        0.0   May                3       2       4
## 2546 0.020512821   0.0000000        0.0   May                2       2       4
## 2547 0.033333333   0.0000000        0.0   May                3       2       4
## 2548 0.025789474   0.0000000        0.2   May                1       1       4
## 2549 0.037593985   0.0000000        0.4   May                2       2       3
## 2550 0.200000000   0.0000000        0.8   May                2       2       1
## 2551 0.031060606   0.0000000        0.2   May                2       2       5
## 2552 0.100000000   0.0000000        0.0   May                3       2       1
## 2553 0.043137255   0.0000000        0.0   May                2       2       1
## 2554 0.012500000  23.5543750        0.0   May                2       2       1
## 2555 0.200000000   0.0000000        0.0   May                2       2       4
## 2556 0.011428571   0.0000000        0.0   May                2       2       1
## 2557 0.016666667   0.0000000        0.8   May                1       1       6
## 2558 0.021212121  29.7741818        0.0   May                2       4       4
## 2559 0.021296296   0.0000000        0.0   May                3       2       4
## 2560 0.044423559   0.0000000        0.4   May                3       2       1
## 2561 0.027963219   0.0000000        0.0   May                2       2       1
## 2562 0.023761905   0.0000000        0.0   May                1       1       1
## 2563 0.200000000   0.0000000        0.0   May                2       2       1
## 2564 0.050000000   0.0000000        0.4   May                2       2       3
## 2565 0.012414872   0.6731276        0.8   May                2       2       5
## 2566 0.106666667   0.0000000        0.8   May                3       2       8
## 2567 0.023076923   0.0000000        0.0   May                2       4       7
## 2568 0.079166667   0.0000000        0.6   May                3       2       1
## 2569 0.011288515   2.2735988        0.0   May                2       2       1
## 2570 0.162500000   0.0000000        0.0   May                2       2       4
## 2571 0.066666667   0.0000000        0.0   May                2       4       1
## 2572 0.022222222   0.0000000        0.0   May                2       5       1
## 2573 0.100000000   0.0000000        0.0   May                1       1       1
## 2574 0.100000000   0.0000000        0.0   May                1       1       4
## 2575 0.040000000  57.5840000        0.0   May                2       2       1
## 2576 0.002197802   0.0000000        0.0   May                2       2       8
## 2577 0.133333333   0.0000000        0.0   May                1       1       3
## 2578 0.025000000   0.0000000        0.0   May                2       2       2
## 2579 0.028571429   0.0000000        0.0   May                1       1       7
## 2580 0.007142857  34.3485714        0.0   May                2       2       7
## 2581 0.017708333  18.3706250        0.0   May                1       1       1
## 2582 0.032912458   5.9760606        0.4   May                2       2       4
## 2583 0.040229885   0.0000000        0.0   May                3       2       1
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## 2584 0.022222222  29.3155556        0.0   May                2       2      1
## 2585 0.025194363  15.1520571        0.2   May                2       2      7
## 2586 0.031481481   0.0000000        0.8   May                1       1      1
## 2587 0.030769231   0.0000000        0.0   May                2       4      2
## 2588 0.019819820  14.3312432        0.0   May                2       2      2
## 2589 0.033333333   0.0000000        0.0   May                2      10      2
## 2590 0.012500000 146.2387500        0.0   May                2       2      5
## 2591 0.014896228   2.8739547        0.0   May                2       2      1
## 2592 0.014285714   0.0000000        0.0   May                2      10      3
## 2593 0.100000000   0.0000000        0.0   May                2       4      5
## 2594 0.150000000   0.0000000        0.6   May                2       4      3
## 2595 0.034444444   0.0000000        0.8   May                1       1      1
## 2596 0.074369748   0.0000000        0.0   May                2       2      8
## 2597 0.111111111   0.0000000        0.0   May                3       2      1
## 2598 0.077777778   0.0000000        0.0   May                2       2      4
## 2599 0.002777778  39.9777778        0.0   May                1       1      1
## 2600 0.047477294   2.6134529        0.0   May                2       2      6
## 2601 0.048611111   0.0000000        0.0   May                2       2      3
## 2602 0.014035088   0.0000000        0.0   May                3       2      3
## 2603 0.012345679  54.3310370        0.0   May                2       5      2
## 2604 0.021754386   0.0000000        1.0   May                1       1      3
## 2605 0.008695652 101.3721739        0.0   May                1       1      1
## 2606 0.038888889   0.0000000        0.2   May                3       2      3
## 2607 0.041498896   0.0000000        0.6   May                1       1      3
## 2608 0.022727273   0.0000000        0.6   May                3       2      7
## 2609 0.013015873   0.0000000        0.0   May                1       1      1
## 2610 0.051785714   0.0000000        0.0   May                2       2      1
## 2611 0.066666667   0.0000000        0.0   May                2       2      2
## 2612 0.050000000   0.0000000        0.6   May                2       2      3
## 2613 0.020804598   0.0000000        1.0   May                1       1      3
## 2614 0.010000000   0.0000000        0.0   May                2       2      9
## 2615 0.022222222  33.1960000        0.0   May                2       2      1
## 2616 0.200000000   0.0000000        0.0   May                2       2      3
## 2617 0.013461538   0.0000000        0.0   May                1       2      4
## 2618 0.003273810   0.0000000        0.0   May                1       2      2
## 2619 0.019553530  20.7911594        0.0   May                2       2      4
## 2620 0.200000000   0.0000000        0.0   May                2       2      7
## 2621 0.014285714   0.0000000        0.6   May                2       2      1
## 2623 0.032558140   0.0000000        0.6   May                2       5      1
## 2624 0.007428571   9.5117143        0.0   May                3       2      2
## 2625 0.011111111   0.0000000        0.8   May                4       1      1
## 2626 0.020000000   0.0000000        0.0   May                3       2      6
## 2627 0.010939177  33.3335814        0.0   May                2       4      1
## 2628 0.040800000   0.0000000        0.8   May                2       2      3
## 2629 0.037037037   0.0000000        0.0   May                2       2      2
## 2630 0.031250000   0.0000000        0.0   May                3       2      6
## 2631 0.007692308   0.0000000        0.0   May                2       2      9
## 2632 0.045267490   0.0000000        0.2   May                3       2      1
## 2633 0.010526316   0.0000000        0.0   May                2       2      5
## 2634 0.012253894  19.1341528        0.8   May                3       2      4
## 2635 0.014285714   0.0000000        0.0   May                2       2      6
## 2636 0.100000000   0.0000000        0.0   May                3       2      1
## 2637 0.050000000   0.0000000        0.0   May                2       5      6
## 2638 0.008451124   7.6104311        0.0   May                2       2      1
```

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## 2639 0.166666667   0.0000000        0.6   May                2       4      1
## 2640 0.016666667   0.0000000        0.0   May                2       2      3
## 2641 0.075000000   0.0000000        1.0   May                1       1      1
## 2642 0.150000000   0.0000000        0.0   May                3       2      1
## 2643 0.041269841   0.0000000        0.8   May                2      10      7
## 2644 0.025000000   0.0000000        0.0   May                2       2      1
## 2645 0.066666667   0.0000000        1.0   May                2       2      7
## 2646 0.036793698   0.0000000        0.8   May                2       2      1
## 2647 0.012500000   0.0000000        0.0   May                4       1      1
## 2648 0.050933333   0.0000000        0.0   May                1       1      2
## 2649 0.019191919   0.0000000        0.0   May                2       2      1
## 2650 0.029430894   0.0000000        0.6   May                2       2      7
## 2651 0.018387097   2.0508145        0.0   May                1       1      6
## 2652 0.033333333   0.0000000        0.0   May                3       2      1
## 2653 0.027272727   0.0000000        0.6   May                1       1      1
## 2654 0.030158730   5.9971429        1.0   May                2       2      4
## 2655 0.200000000   0.0000000        0.8   May                3       2      1
## 2656 0.045454545   0.0000000        0.0   May                2       2      3
## 2657 0.082692308   0.0000000        0.6   May                1       6      1
## 2658 0.133333333   0.0000000        1.0   May                1       1      1
## 2659 0.009574468   0.0000000        0.0   May                2       4      6
## 2660 0.010784314 215.0094118        0.0   May                3       2      4
## 2661 0.007692308   0.0000000        0.0   May                1       2      6
## 2662 0.050000000   0.0000000        0.6   May                1       2      2
## 2663 0.017016807   5.2207059        0.0   May                3       2      2
## 2664 0.032020784  15.0047619        0.0   May                1       2      2
## 2665 0.015897436   0.0000000        0.0   May                2       2      3
## 2666 0.050000000   0.0000000        0.0   May                4       2      1
## 2667 0.015888889   4.2302122        0.0   May                2       2      2
## 2668 0.100000000   0.0000000        0.0   May                3       2      8
## 2669 0.008161036  11.8023365        0.0   May                1       1      1
## 2670 0.019230769   4.7095000        1.0   May                2       2      9
## 2671 0.100000000   0.0000000        0.0   May                2       2      1
## 2672 0.020512821   0.0000000        0.0   May                1       2      8
## 2673 0.022222222   0.0000000        0.0   May                3       2      1
## 2674 0.008000000   0.0000000        0.0   May                1       1      1
## 2675 0.025000000   0.0000000        0.0   May                2       2      3
## 2676 0.016000000   0.0000000        0.0   May                2       2      1
## 2677 0.200000000   0.0000000        0.0   May                2       2      3
## 2678 0.040476190   0.0000000        0.0   May                2       2      1
## 2679 0.024444444   0.0000000        0.0   May                2       2      7
## 2680 0.092753623   0.0000000        0.6   May                3       2      2
## 2681 0.200000000   0.0000000        0.0   May                6       2      3
## 2682 0.175000000   0.0000000        0.4   May                2       2      1
## 2683 0.083333333   0.0000000        0.0   May                2       4      3
## 2684 0.200000000   0.0000000        0.0   May                3       2      3
## 2685 0.028828829   9.9229730        0.6   May                2       6      2
## 2686 0.166666667   0.0000000        0.0   May                2       2      3
## 2687 0.200000000   0.0000000        0.0   May                3       2      3
## 2688 0.015384615  44.2966154        0.0   May                1       1      1
## 2689 0.200000000   0.0000000        0.0   May                3       2      4
## 2690 0.078269231   0.0000000        0.0   May                2       2      2
## 2691 0.028421053   0.0000000        0.0   May                2       2      1
## 2692 0.044444444   0.0000000        0.2   May                3       2      3
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## 2693 0.028571429   0.0000000        0.0   May                2       2      9
## 2694 0.008000000   0.0000000        0.0   May                2       2      1
## 2695 0.022727273   0.0000000        0.6   May                3       7      3
## 2696 0.025000000   0.0000000        0.2   May                3       2      1
## 2697 0.026819923   0.0000000        0.8   May                2       2      2
## 2698 0.033333333   0.0000000        0.0   May                2       2      6
## 2699 0.020429089   0.0000000        0.0   May                3       2      1
## 2700 0.042424242   0.0000000        0.0   May                2       2      8
## 2701 0.028571429   0.0000000        0.0   May                2       2      2
## 2702 0.100000000   0.0000000        0.8   May                2       2      1
## 2703 0.160000000   0.0000000        0.6   May                3       2      1
## 2704 0.017471264   3.0990000        0.6   May                2       2      2
## 2705 0.200000000   0.0000000        0.0   May                1       1      5
## 2706 0.066666667   0.0000000        0.0   May                2       2      6
## 2707 0.020000000   0.0000000        1.0   May                1       1      1
## 2708 0.200000000   0.0000000        0.0   May                2       4      9
## 2709 0.004444444  32.1421333        0.6   May                3       2      2
## 2710 0.072115385   0.0000000        0.8   May                2       2      1
## 2711 0.016666667   4.9872375        0.0   May                2       2      1
## 2712 0.016049383   0.0000000        0.0   May                1       1      1
## 2713 0.200000000   0.0000000        0.8   May                2       2      3
## 2714 0.038562092   0.0000000        0.2   May                3       2      1
## 2715 0.093333333   0.0000000        0.6   May                1       1      1
## 2716 0.064880952   0.0000000        0.0   May                2       2      6
## 2717 0.025750000   0.0000000        0.4   May                2       2      1
## 2718 0.030000000  19.4281000        0.0   May                2       2      1
## 2719 0.014285714   0.0000000        0.0   May                2       2      1
## 2720 0.069696970   0.0000000        0.0   May                2       2      2
## 2721 0.009523810   0.0000000        0.0   May                2      10      3
## 2722 0.027777778  19.5953333        0.0   May                4       1      2
## 2723 0.024137931   0.0000000        0.8   May                2       2      7
## 2724 0.100000000   0.0000000        0.0   May                2       6      7
## 2725 0.073412698   0.0000000        0.0   May                2       2      6
## 2726 0.008587569   2.0877827        0.0   May                3       2      7
## 2727 0.043950617   3.9191270        0.0   May                1       1      7
## 2728 0.052941176   0.0000000        0.8   May                2       7      9
## 2729 0.057142857   0.0000000        0.8   May                2       2      3
## 2730 0.020000000   0.0000000        0.6   May                2       2      3
## 2731 0.020689655   0.0000000        0.0   May                2       2      5
## 2732 0.016086957   7.8689502        0.0   May                2       2      2
## 2733 0.035374150   0.0000000        0.0   May                2       5      7
## 2734 0.093859649   0.0000000        0.0   May                3       2      6
## 2735 0.150000000   0.0000000        0.8   May                2       2      4
## 2736 0.007993197   0.0000000        0.0   May                1       1      3
## 2737 0.100000000   0.0000000        0.8   May                2       2      1
## 2738 0.014285714   0.0000000        0.8   May                2       2      3
## 2739 0.009090909   0.0000000        0.0   May                1       1      3
## 2741 0.003571429   0.0000000        0.0   May                3       2      1
## 2742 0.011904762  12.5588571        0.0   May                2       2      1
## 2743 0.080000000   0.0000000        0.4   May                2       2      1
## 2744 0.200000000   0.0000000        0.0   May                1       1      3
## 2745 0.018407960   0.0000000        0.8   May                2       2      6
## 2746 0.059814815  33.4405556        0.0   May                2       2      7
## 2747 0.020897436   9.0273208        0.0   May                2       7      4
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## 2748 0.040000000   0.0000000        0.0   May                2       2      5
## 2749 0.144444444   0.0000000        1.0   May                3       2      7
## 2750 0.029597244   0.0000000        0.0   May                3       2      4
## 2751 0.001190476   0.0000000        0.0   May                2       2      1
## 2752 0.200000000   0.0000000        0.0   May                1       1      2
## 2753 0.072916667   0.0000000        0.0   May                1       1      1
## 2755 0.057142857   0.0000000        0.0   May                4       1      1
## 2756 0.009523810  71.9440000        0.0   May                4       1      2
## 2757 0.160000000   0.0000000        0.0   May                1       1      4
## 2758 0.039201413  12.0746889        0.0   May                1       1      3
## 2759 0.010434783   0.0000000        0.6   May                4       2      1
## 2760 0.031768707   9.0018571        0.4   May                1       1      3
## 2761 0.058974359   0.0000000        0.2   May                2       2      1
## 2762 0.200000000   0.0000000        0.8   May                3       2      1
## 2763 0.087500000   0.0000000        0.6   May                4       2      1
## 2764 0.057142857   0.0000000        0.0   May                2       2      4
## 2765 0.026470588   0.0000000        0.4   May                2       2      3
## 2766 0.018042396  13.4029826        0.0   May                3       2      6
## 2767 0.033684211   0.0000000        0.0   May                3       2      1
## 2768 0.039269841  14.9643200        0.0   May                1       8      4
## 2769 0.200000000   0.0000000        1.0   May                4       1      2
## 2770 0.006666667  31.4078400        0.0   May                2       2      3
## 2771 0.025000000   0.0000000        0.0   May                2       2      1
## 2772 0.021428571   0.0000000        0.0   May                1       1      1
## 2773 0.033333333   0.0000000        0.8   May                2       4      1
## 2774 0.041869919   0.0000000        1.0   May                2       2      1
## 2775 0.030933333   0.0000000        0.0   May                1       1      1
## 2776 0.056140351   0.0000000        0.0   May                2       5      1
## 2777 0.007753623   7.3453217        0.0   May                1       1      2
## 2778 0.023076923   0.0000000        0.0   May                2       2      4
## 2779 0.150000000   0.0000000        0.0   May                2       2      6
## 2780 0.004273504  47.9312821        0.0   May                3       2      3
## 2781 0.038461538   0.0000000        0.6   May                2       2      1
## 2782 0.057142857   0.0000000        0.8   May                2       2      3
## 2783 0.011458333  30.2693750        0.0   May                2       2      4
## 2784 0.017261905   4.7442063        0.0   May                3       2      8
## 2785 0.020000000  34.4925000        0.8   May                3       2      8
## 2786 0.036666667  10.4445000        0.0   May                2       5      5
## 2787 0.016190476   0.0000000        0.0   May                3       2      2
## 2788 0.016666667   0.0000000        0.0   May                4       1      3
## 2789 0.063636364   0.0000000        0.4   May                2       2      2
## 2790 0.016783217  55.2364615        0.0   May                1       1      3
## 2791 0.043560606   0.0000000        0.0   May                2       2      1
## 2792 0.035000000  20.3940000        0.0   May                2       2      7
## 2793 0.052722840   0.0000000        0.2   May                1       1      1
## 2794 0.200000000   0.0000000        0.0   May                2       6      1
## 2795 0.033333333  64.7880000        0.0   May                2       2      1
## 2796 0.025000000   0.0000000        0.0   May                2       2      9
## 2797 0.200000000   0.0000000        0.0   May                1       1      3
## 2798 0.160000000   0.0000000        0.8   May                2       5      2
## 2799 0.129761905   0.0000000        0.8   May                3       2      1
## 2800 0.071428571   0.0000000        0.4   May                2       5      1
## 2801 0.120000000   0.0000000        0.0   May                3       2      1
## 2802 0.006666667  29.8480000        0.0   May                2       4      1
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## 2803 0.020000000   0.0000000        0.0   May                1        1      6
## 2804 0.021428571   0.0000000        0.0   May                2        2      8
## 2805 0.040555556   0.0000000        0.4   May                2        2      1
## 2806 0.042857143   0.0000000        0.0   May                1        1      3
## 2807 0.011111111   0.0000000        0.0   May                2        2      2
## 2808 0.100000000   0.0000000        0.0   May                2        2      1
## 2809 0.033333333   0.0000000        0.6   May                2        2      4
## 2810 0.100000000   0.0000000        0.8   May                2        2      1
## 2811 0.004651163  28.5315349        0.6   May                2        2      4
## 2812 0.046491228   0.0000000        0.4   May                2        5      3
## 2813 0.177777778   0.0000000        0.0   May                3        2      2
## 2814 0.017435897  18.9956154        0.4   May                3        2      1
## 2815 0.133333333   0.0000000        0.8   May                2        2      7
## 2816 0.106666667   0.0000000        0.4   May                2        5      1
## 2817 0.051238095   0.0000000        0.0   May                2        5      4
## 2818 0.025292398  13.1173392        0.0   May                2        2      1
## 2819 0.042424242   0.0000000        0.6   May                2        5      3
## 2820 0.020512821   0.0000000        0.0   May                2       10      7
## 2821 0.200000000   0.0000000        0.0   May                3        3      4
## 2822 0.021971597   0.0000000        0.0   May                2        2      2
## 2823 0.021428571   0.0000000        0.0   May                2        2      8
## 2824 0.018076564   0.0000000        0.0   May                3        2      1
## 2825 0.011632486   0.7610763        0.0   May                2        2      2
## 2826 0.016284567   0.0000000        0.4   May                2        2      2
## 2827 0.054545455   0.0000000        0.6   May                2        2      3
## 2828 0.020000000   0.0000000        0.0   May                2        4      1
## 2829 0.012500000   0.0000000        0.0   May                3        2      4
## 2830 0.001360544  53.2288163        0.0   May                4        1      3
## 2831 0.200000000   0.0000000        0.0   May                2        2      6
## 2832 0.010690797   0.0000000        0.8   May                3        2      1
## 2833 0.120833333   0.0000000        0.0   May                2        4      3
## 2834 0.050000000   0.0000000        0.0   May                2        5      3
## 2835 0.010526316   0.0000000        0.0   May                2        2      1
## 2836 0.078333333   0.0000000        0.8   May                1        1      1
## 2837 0.033333333   0.0000000        0.0   May                1        1      4
## 2838 0.016140351  34.2533684        0.0   May                2        2      3
## 2839 0.015384615   0.0000000        0.0   May                2        2      1
## 2840 0.029824561   0.0000000        0.0   May                2        2      2
## 2841 0.081250000   0.0000000        0.0   May                2        2      1
## 2842 0.037500000   0.0000000        0.0   May                3        2      9
## 2843 0.047074074  10.6480571        0.0   May                4        1      1
## 2844 0.200000000   0.0000000        0.0   May                3        2      7
## 2845 0.011337868   4.7599354        0.0   May                1        2      4
## 2846 0.100000000   0.0000000        0.0   May                2        2      1
## 2847 0.016666667   0.0000000        0.0   May                1        2      2
## 2848 0.020000000   0.0000000        0.0   May                2        2      1
## 2849 0.041666667   0.0000000        0.0   May                2        2      7
## 2850 0.036549708   0.0000000        0.2   May                2        2      1
## 2851 0.003571429   0.0000000        0.0   May                3        2      4
## 2852 0.022024757   0.0000000        0.0   May                2        2      3
## 2853 0.028571429   0.0000000        0.0   May                2       10      6
## 2854 0.042222222   0.0000000        0.4   May                2        2      4
## 2855 0.008333333   0.0000000        0.0   May                3        2      4
## 2856 0.029259259   0.0000000        0.4   May                1        1      7
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## 2857 0.015384615   0.0000000        0.0   May                3       2       5
## 2858 0.075000000   0.0000000        0.2   May                2       2       6
## 2859 0.050000000   0.0000000        0.0   May                2       4       3
## 2860 0.010452962  39.7557724        0.0   May                2       2       3
## 2861 0.012789661  17.0797823        0.2   May                3       2       4
## 2862 0.200000000   0.0000000        0.0   May                2       2       1
## 2863 0.041176471   0.0000000        0.0   May                2       2       2
## 2864 0.019404762   5.3829687        0.2   May                3       2       3
## 2865 0.033333333   0.0000000        0.0   May                2       2       3
## 2866 0.023059361   0.0000000        0.8   May                3       2       3
## 2867 0.008333333   0.0000000        0.0   May                3       2       3
## 2868 0.040977778   0.0000000        0.4   May                2       2       5
## 2869 0.045000000   0.0000000        0.0   May                3       2       7
## 2870 0.010000000   0.0000000        0.0   May                2       4       1
## 2871 0.080000000   0.0000000        0.0   May                2       2       3
## 2872 0.007407407   0.0000000        0.0   May                1       1       1
## 2873 0.100000000   0.0000000        0.0   May                3       2       3
## 2874 0.022222222  97.9800000        0.0   May                1       1       4
## 2875 0.013333333   0.0000000        0.6   May                2       2       9
## 2876 0.021052632   0.0000000        0.0   May                2       2       7
## 2877 0.033469388   5.4663878        1.0   May                2       2       1
## 2878 0.036936937   0.0000000        1.0   May                2       2       1
## 2879 0.004818713   0.0000000        0.0   May                3       2       1
## 2880 0.033333333   0.0000000        0.0   May                1       1       4
## 2881 0.138461538   0.0000000        0.4   May                3       2       1
## 2882 0.008000000   0.0000000        0.2   May                2       2       3
## 2883 0.011111111   0.0000000        0.0   May                2       2       1
## 2884 0.033646617   0.0000000        0.0   May                2       2       7
## 2885 0.004761905  39.8188571        0.0   May                2       4       4
## 2886 0.020000000   0.0000000        0.0   May                3       2       1
## 2887 0.007901699   0.0000000        0.0   May                2       2       2
## 2888 0.021212121  29.7747273        0.0   May                2       5       1
## 2889 0.040000000   0.0000000        0.6   May                2       2       2
## 2890 0.073696145   0.0000000        0.0   May                3       2       1
## 2891 0.015384615   0.0000000        0.4   May                2       2       7
## 2892 0.001715686   0.0000000        0.8   May                2       2       2
## 2893 0.014285714   0.0000000        0.0   May                3       2       1
## 2894 0.026416667   0.0000000        0.8   May                2       6       3
## 2895 0.016885965  12.6858316        0.0   May                2       2       2
## 2896 0.008333333   0.0000000        0.0   May                2       5       7
## 2897 0.200000000   0.0000000        0.4   May                3       2       4
## 2898 0.019927536   0.0000000        0.8   May                3       2       8
## 2899 0.057142857   0.0000000        0.0   May                2       2       1
## 2900 0.066666667   0.0000000        0.6   May                2       4       3
## 2901 0.030000000   0.0000000        0.4   May                3       2       6
## 2902 0.018513906  20.9723973        0.0   May                2       2       1
## 2903 0.006649462  15.4772076        0.0   May                2       2       3
## 2904 0.043434343   0.0000000        0.4   May                2       1       7
## 2905 0.072000000   0.0000000        0.0   May                2       2       3
## 2906 0.005896806  22.5888649        0.0   May                2       2       3
## 2907 0.013141026  12.8370513        0.8   May                3       2       4
## 2908 0.058666667   0.0000000        1.0   May                3       2       3
## 2909 0.120000000   0.0000000        0.0   May                2       2       6
## 2910 0.028571429   0.0000000        0.0   May                2       2       6
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## 2911 0.084722222   0.0000000        0.0   May                2       2       1
## 2912 0.023529412   0.0000000        0.0   May                2       2       3
## 2913 0.050000000   0.0000000        0.0   May                1       1       2
## 2914 0.007619048  53.1014286        0.0   May                2       2       6
## 2915 0.085714286   0.0000000        0.6   May                2       2       4
## 2916 0.011111111   0.0000000        0.0   May                2       2       1
## 2917 0.100877193   0.0000000        0.4   May                3       2       1
## 2918 0.125000000   0.0000000        0.6   May                2       4       9
## 2919 0.200000000   0.0000000        0.0   May                1       1       4
## 2920 0.041156463   0.0000000        0.0   May                3       2       4
## 2921 0.100000000   0.0000000        0.0   May                3       2       1
## 2922 0.034791667   0.0000000        0.0   May                3       2       2
## 2923 0.014389234  18.1244609        0.0   May                2       2       1
## 2924 0.013333333   0.0000000        0.0   May                3       2       2
## 2925 0.020833333   0.0000000        0.0   May                2       2       1
## 2926 0.013636364  49.5482727        0.0   May                2       2       4
## 2927 0.100000000   0.0000000        0.6   May                2       2       1
## 2928 0.013333333  43.2520000        0.2   May                2       4       1
## 2929 0.200000000   0.0000000        0.4   May                2       4       6
## 2930 0.021212121   7.2917576        0.0   May                1       1       1
## 2931 0.017777778   0.0000000        0.0   May                2       2       1
## 2932 0.066666667   0.0000000        0.0   May                2       2       4
## 2933 0.038571429  10.0208571        0.6   May                3       2       1
## 2934 0.008333333   0.0000000        0.2   May                2       2       1
## 2935 0.006666667   0.0000000        0.0   May                2       2       7
## 2936 0.003571429   0.0000000        0.6   May                2       4       1
## 2937 0.102285714   0.0000000        0.0   May                3       2       4
## 2938 0.037634409   0.0000000        0.0   May                2       2       1
## 2939 0.011428571   0.0000000        0.0   May                1       1       1
## 2940 0.010741385  26.0237706        0.0   May                2       2       1
## 2941 0.067857143   0.0000000        0.8   May                2       6       1
## 2942 0.014707510   0.0000000        0.0   May                2       2       1
## 2943 0.002298851  82.1236782        0.0   May                4       1       7
## 2944 0.111111111   0.0000000        0.4   May                2       2       5
## 2945 0.030000000   0.0000000        0.8   May                3       2       8
## 2946 0.040000000   0.0000000        0.0   May                2       2       1
## 2947 0.063333333   0.0000000        0.0   May                2       2       6
## 2948 0.060000000   0.0000000        0.0   May                2       2       3
## 2949 0.200000000   0.0000000        0.0   May                1       1       3
## 2950 0.033012821   0.0000000        0.0   May                2       6       1
## 2951 0.051428571  25.1940000        0.8   May                2       2       3
## 2952 0.011111111   0.0000000        0.2   May                2       2       2
## 2953 0.041666667   0.0000000        0.0   May                2       2       4
## 2954 0.063947520   0.0000000        0.4   May                3       2       1
## 2955 0.025305250   0.0000000        0.8   May                3       2       3
## 2956 0.028571429   0.0000000        0.0   May                2       4       1
## 2957 0.016296296  75.3086469        0.0   May                2       2       8
## 2958 0.075000000   0.0000000        0.0   May                2       2       6
## 2959 0.042424242   0.0000000        1.0   May                2       6       2
## 2960 0.033333333   0.0000000        0.0   May                2       4       3
## 2961 0.011627907   0.0000000        0.0   May                2       2       1
## 2962 0.083333333   0.0000000        0.0   May                2       2       4
## 2963 0.100000000   0.0000000        0.0   May                2       2       1
## 2964 0.071111111   0.0000000        0.2   May                2       5       1
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## 2965 0.057878788   0.0000000        0.0   May                3       2       4
## 2966 0.027777778   0.0000000        0.0   May                2       4       4
## 2967 0.062500000   0.0000000        1.0   May                3       3       3
## 2968 0.013814416   2.9954658        0.0   May                2       5       3
## 2969 0.014672365  18.0858461        0.0   May                2       4       5
## 2970 0.013416263   6.9765046        1.0   May                2       2       3
## 2971 0.011871220   2.3534446        1.0   May                3       2       3
## 2972 0.040625000   0.0000000        0.0   May                2       4       3
## 2973 0.016888889   0.0000000        0.0   May                2       2       2
## 2974 0.040000000   0.0000000        0.0   May                1       8       4
## 2975 0.010935374  13.7181257        0.4   May                3       2       3
## 2976 0.027309942  17.1674597        0.6   May                2       2       1
## 2977 0.119473684   0.0000000        1.0   May                3       2       4
## 2978 0.084000000   0.0000000        0.8   May                2       2       6
## 2979 0.055555556   0.0000000        0.0   May                1       1       1
## 2980 0.200000000   0.0000000        0.0   May                1       1       6
## 2981 0.060000000   0.0000000        0.6   May                1       1       1
## 2982 0.133333333   0.0000000        0.8   May                2       2       2
## 2983 0.003333333   0.0000000        0.0   May                2       5       1
## 2984 0.033333333   0.0000000        0.0   May                4       2       8
## 2985 0.015013618   0.0000000        1.0   May                3       2       1
## 2986 0.050000000   0.0000000        0.0   May                2       5       6
## 2987 0.005263158   0.0000000        0.0   May                2       2       2
## 2988 0.003974359   0.0000000        0.0   May                4       2       2
## 2989 0.014967419   0.0000000        0.0   May                2       5       1
## 2990 0.033333333   0.0000000        0.0   May                1       1       1
## 2991 0.032380952  11.0194286        0.0   May                2       4       3
## 2992 0.200000000   0.0000000        0.2   May                2       2       6
## 2993 0.047238095   0.0000000        0.0   May                3       2       4
## 2994 0.013333333  16.1892000        0.0   May                2       2       7
## 2995 0.014814815   0.0000000        0.0   May                3       2       8
## 2996 0.021388889   0.0000000        0.0   May                2       2       2
## 2997 0.023535354   0.0000000        0.0   May                2       2       2
## 2998 0.031818182   0.0000000        0.2   May                1       1       2
## 2999 0.041666667   9.2970000        0.0   May                2       4       3
## 3000 0.109090909   0.0000000        0.0   May                2       2       1
## 3001 0.033333333   0.0000000        0.0   May                2       2       1
## 3002 0.019875776   0.0000000        0.0   May                1       1       3
## 3003 0.019047619   0.0000000        0.0   May                3       2       3
## 3004 0.049396552   0.0000000        0.6   May                2       2       3
## 3005 0.200000000   0.0000000        0.0   May                2       2       6
## 3006 0.033333333   0.0000000        0.0   May                1       1       3
## 3007 0.040000000   0.0000000        0.0   May                2       2       7
## 3008 0.150000000   0.0000000        0.6   May                2       5       1
## 3009 0.034444444   0.0000000        0.8   May                2       2       7
## 3010 0.042857143   0.0000000        0.0   May                2       2       4
## 3011 0.050000000   0.0000000        0.0   May                2       2       4
## 3012 0.004809853  27.8997753        0.0   May                4       2       6
## 3013 0.060000000   0.0000000        0.0   May                2       2       1
## 3014 0.050000000   0.0000000        0.0   May                2       2       6
## 3015 0.020000000  79.1820000        0.0   May                2       4       1
## 3016 0.007142857   0.0000000        0.0   May                2       2       4
## 3017 0.014285714   0.0000000        0.0   May                3       3       4
## 3018 0.010000000   0.0000000        0.0   May                2       2       1
```

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## 3019 0.080000000   0.0000000        1.0   May                2       2      5
## 3020 0.005855856   0.0000000        0.0   May                1       1      2
## 3021 0.042647059   0.0000000        0.8   May                2       2      1
## 3022 0.002734559  11.9791069        0.0   May                4       1      5
## 3023 0.012763533   0.0000000        0.8   May                2       2      3
## 3024 0.035072464   0.0000000        0.0   May                1       1      6
## 3025 0.013333333   0.0000000        0.0   May                2       2      6
## 3026 0.014285714   0.0000000        0.8   May                2       2      1
## 3027 0.060000000   0.0000000        0.4   May                2       5      1
## 3028 0.072240260   0.0000000        0.8   May                3       2      1
## 3029 0.020000000   0.0000000        0.0   May                2       2      7
## 3030 0.015536723  15.3576034        0.0   May                2       2      1
## 3031 0.006428571   0.0000000        0.8   May                2       4      4
## 3032 0.006250000   0.0000000        0.0   May                2       5      7
## 3033 0.029629630   0.0000000        0.0   May                3       2      1
## 3034 0.017267081   5.9811667        0.0   May                3       2      3
## 3035 0.014285714   0.0000000        0.0   May                2       2      1
## 3036 0.003333333   0.0000000        0.0   May                3       2      7
## 3037 0.001250000   0.0000000        0.0   May                1       1      7
## 3038 0.030555556  12.1800000        0.6   May                1       1      4
## 3039 0.041269841  14.9964286        0.0   May                2       2      3
## 3040 0.011954023   0.0000000        0.0   May                2       2      1
## 3041 0.019298246  15.2490000        0.4   May                2       6      1
## 3042 0.039989226   0.0000000        0.6   May                2       2      2
## 3043 0.046153846   0.0000000        0.4   May                2       2      7
## 3044 0.020000000   0.0000000        0.0   May                2       2      3
## 3045 0.055225225   0.0000000        1.0   May                1       1      7
## 3046 0.016666667   0.0000000        0.0   May                3       2      6
## 3047 0.087407407   0.0000000        0.6   May                3       2      1
## 3048 0.020000000   0.0000000        0.0   May                1       1      1
## 3049 0.200000000   0.0000000        0.0   May                2      10      3
## 3050 0.053333333   0.0000000        0.0   May                2       2      1
## 3051 0.133333333   0.0000000        0.4   May                2      12      8
## 3052 0.057142857   0.0000000        0.0   May                2       2      1
## 3053 0.011827957   9.3118548        0.0   May                2       2      5
## 3054 0.036363636   0.0000000        0.0   May                2       2      1
## 3055 0.006327684  10.2459830        0.0   May                2       2      2
## 3056 0.033333333   0.0000000        0.8   May                4       1      4
## 3057 0.035294118   0.0000000        0.6   May                4       1      3
## 3058 0.033333333   0.0000000        0.0   May                4       2      4
## 3059 0.046153846   0.0000000        0.0   May                1       1      3
## 3060 0.032291667   0.0000000        0.0   May                2       5      1
## 3061 0.040000000   0.0000000        0.0   May                4       1      1
## 3062 0.102083333   0.0000000        0.2   May                3       2      1
## 3063 0.022222222   0.0000000        0.2   May                1       1      3
## 3064 0.021833333   0.0000000        1.0   May                2       2      4
## 3065 0.003225806  22.0880000        0.0   May                2       2      1
## 3066 0.059047619   0.0000000        0.8   May                3       2      1
## 3067 0.013333333   0.0000000        0.0   May                2       2      5
## 3068 0.011111111   0.0000000        0.0   May                2       2      1
## 3069 0.025000000   0.0000000        0.6   May                3       2      3
## 3070 0.200000000   0.0000000        0.8   May                3       2      3
## 3071 0.008333333   0.0000000        0.0   May                2       4      2
## 3072 0.033523810   0.0000000        0.0   May                3       2      4
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## 3073 0.100000000   0.0000000        0.0   May                2       2      1
## 3074 0.022222222   0.0000000        0.0   May                2       2      4
## 3075 0.050000000   0.0000000        0.6   May                3       3      7
## 3076 0.040659551   0.0000000        0.8   May                2       2      6
## 3077 0.030769231   9.4075385        0.0   May                2       2      3
## 3078 0.080000000   0.0000000        0.6   May                3       2      3
## 3079 0.022874780   0.0000000        0.6   May                3       2      7
## 3080 0.019148936   0.0000000        0.0   May                2       2      3
## 3081 0.026829268   0.0000000        0.0   May                2       2      1
## 3082 0.013157895   0.0000000        0.0   May                2       2      3
## 3083 0.013333333   0.0000000        0.0   May                2       2      4
## 3084 0.013690476   0.0000000        0.0   May                3       2      2
## 3085 0.027288961   0.0000000        0.8   May                2       2      3
## 3086 0.080000000   0.0000000        0.0   May                2       2      1
## 3087 0.093333333   0.0000000        0.8   May                3       2      3
## 3088 0.037435897   0.0000000        0.0   May                2       2      7
## 3089 0.066666667   0.0000000        0.0   May                2       7      3
## 3090 0.012857143   0.0000000        0.0   May                3       2      5
## 3091 0.188888889   0.0000000        0.8   May                3       2      6
## 3092 0.007218823  11.2960704        0.0   May                4       1      3
## 3093 0.015970880   2.7769073        0.6   May                3       2      2
## 3094 0.005555556   0.0000000        0.6   May                1       1      1
## 3095 0.013846154  49.6630769        0.0   May                4       2      4
## 3096 0.032583774   0.0000000        0.0   May                2       2      4
## 3097 0.046060606   0.0000000        0.6   May                1       1      3
## 3098 0.022857143   0.0000000        0.0   May                2       2      3
## 3099 0.029535519   0.0000000        0.0   May                2       2      4
## 3100 0.047619048   0.0000000        0.0   May                3       2      8
## 3101 0.200000000   0.0000000        0.0   May                3       2      4
## 3102 0.122222222   0.0000000        1.0   May                2       6      1
## 3103 0.026666667   0.0000000        0.0   May                3       3      4
## 3104 0.044444444   0.0000000        0.2   May                1       2      1
## 3105 0.033333333   0.0000000        0.0   May                3       2      1
## 3106 0.033870968  19.5550193        0.0   May                2       4      7
## 3107 0.025000000   0.0000000        0.0   May                1       1      1
## 3108 0.066666667   0.0000000        0.6   May                2       2      1
## 3109 0.100000000   0.0000000        0.8   May                2       4      1
## 3110 0.026923077   0.0000000        0.0   May                2       2      7
## 3111 0.016666667 239.9800000        0.0   May                2       2      5
## 3112 0.018965517   0.0000000        0.0   May                3       2      3
## 3113 0.040000000   0.0000000        0.0   May                2       6      6
## 3114 0.036830357   0.0000000        1.0   May                1       1      3
## 3115 0.040310120   0.0000000        1.0   May                2       2      1
## 3116 0.024242424   0.0000000        0.0   May                2       2      8
## 3117 0.022222222   0.0000000        0.0   May                1       8      6
## 3118 0.023809524   5.5692857        0.0   May                2       2      2
## 3119 0.070138889   0.0000000        0.0   May                3       2      2
## 3120 0.052840909  25.6164583        0.8   May                3       2      1
## 3121 0.057142857  12.5588571        0.0   May                2       2      7
## 3122 0.005000000   0.0000000        0.0   May                2       2      4
## 3123 0.005128205   0.0000000        0.0   May                1       1      4
## 3124 0.003030303   0.0000000        0.0   May                2       2      2
## 3125 0.054545455   0.0000000        0.6   May                2       2      1
## 3126 0.003846154   0.0000000        0.0   May                2       2      3
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## 3127 0.073333333   0.0000000        0.8   May                3       2       1
## 3128 0.017232253   0.0000000        1.0   May                3       2       8
## 3129 0.040000000   0.0000000        0.0   May                4       2       3
## 3130 0.036363636  26.2298182        0.0   May                2       2       1
## 3131 0.002325581  80.0434419        0.0   May                2       2       1
## 3132 0.100000000   0.0000000        0.0   May                1       1       4
## 3133 0.022222222   0.0000000        0.2   May                2       2       1
## 3134 0.014285714  39.2714571        0.0   May                2       6       6
## 3135 0.066666667   0.0000000        0.0   May                1       1       2
## 3136 0.066666667   0.0000000        0.0   May                2       6       4
## 3137 0.100000000   0.0000000        0.6   May                1       1       3
## 3138 0.200000000   0.0000000        0.0   May                1       1       3
## 3139 0.150000000   0.0000000        0.0   May                1       1       3
## 3140 0.014285714   0.0000000        0.0   May                1       1       6
## 3141 0.028571429   0.0000000        0.0   May                2       2       2
## 3142 0.200000000   0.0000000        0.8   May                2       2       1
## 3143 0.160000000   0.0000000        0.8   May                2       5       3
## 3144 0.029877803   0.0000000        0.0   May                3       2       1
## 3145 0.010000000   0.0000000        0.2   May                2       2       3
## 3146 0.012500000   0.0000000        0.2   May                2       2       2
## 3147 0.031196581   8.7811442        0.0   May                2       2       1
## 3148 0.047619048   0.0000000        0.6   May                1       1       2
## 3149 0.011333333   2.9674933        0.0   May                2       2       1
## 3150 0.016825397  17.3917143        0.0   May                3       2       3
## 3151 0.051999065   0.0000000        0.0   May                3       2       6
## 3152 0.030000000   0.0000000        0.8   May                3       2       1
## 3153 0.075277778   0.0000000        0.6   May                1       1       3
## 3154 0.008666667  41.8689600        0.0   May                3       3       1
## 3155 0.028645833   0.0000000        0.0   May                2       2       6
## 3156 0.018181818   0.0000000        0.0   May                1       1       3
## 3157 0.013849519   2.9175181        0.8   May                2       2       1
## 3158 0.200000000   0.0000000        0.0   May                1       1       3
## 3159 0.016666667   0.0000000        0.8   May                3       3       1
## 3160 0.080000000   0.0000000        0.0   May                1       8       4
## 3161 0.066666667   0.0000000        0.0   May                3       2       3
## 3162 0.010526316   0.0000000        0.8   May                2       4       1
## 3163 0.001915584   0.0000000        0.0   May                2       4       3
## 3164 0.018061840   0.0000000        0.0   May                1       1       2
## 3165 0.004005848  60.4338526        0.2   May                2       2       4
## 3166 0.048765432   0.0000000        0.0   May                2       5       6
## 3167 0.054710145   0.0000000        1.0   May                3       2       3
## 3168 0.200000000   0.0000000        0.0   May                2       2       1
## 3169 0.006060606   0.0000000        0.0   May                1       1       6
## 3170 0.019399025  10.6733171        0.6   May                2       2       3
## 3171 0.200000000   0.0000000        0.2   May                3       2       3
## 3172 0.008695652  32.8085217        0.0   May                1       1       2
## 3173 0.003846154   0.0000000        0.0   May                2       4       4
## 3174 0.200000000   0.0000000        0.0   May                1       1       2
## 3175 0.018181818   0.0000000        0.0   May                2       2       3
## 3176 0.007407407   0.0000000        0.0   May                2       2       3
## 3177 0.026830934   0.0000000        0.6   May                2       5       3
## 3178 0.025000000   0.0000000        0.0   May                1       1       1
## 3179 0.015128205   0.0000000        0.0   May                2       2       6
## 3180 0.015244789   0.0000000        0.2   May                1       1       3
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## 3181 0.050000000   0.0000000        0.0   May                 4       5      1
## 3182 0.200000000   0.0000000        0.6   May                 1       1      2
## 3183 0.105555556   0.0000000        0.8   May                 3       2      8
## 3184 0.100000000   0.0000000        0.0   May                 1       1      3
## 3185 0.023529412  60.3423529        0.6   May                 2       2      1
## 3186 0.019960276   0.0000000        0.0   May                 4       1      3
## 3187 0.001273148   0.0000000        0.0   May                 2       2      6
## 3188 0.200000000   0.0000000        0.0   May                 2       2      8
## 3189 0.012345679   0.0000000        0.0   May                 2       2      1
## 3190 0.015686275   0.0000000        0.0   May                 4       1      1
## 3191 0.006250000 115.4862500        0.0   May                 2       2      3
## 3192 0.029405769  13.7735581        0.8   May                 2       2      1
## 3193 0.083333333   0.0000000        0.4   May                 2       2      3
## 3194 0.015306122  25.4132143        0.6   May                 2       6      1
## 3195 0.022222222  51.1760000        0.0   May                 2       2      1
## 3196 0.027420635   7.5301071        0.8   May                 2       2      1
## 3197 0.016666667   0.0000000        0.8   May                 3       2      3
## 3198 0.000409836   0.0000000        0.6   May                 2       5      3
## 3199 0.044962458   0.0000000        0.0   May                 3       2      3
## 3200 0.024242424   0.0000000        0.0   May                 2       2      1
## 3201 0.006678351 119.6414737        0.0   May                 1       1      2
## 3202 0.034615385   0.0000000        0.4   May                 2       2      5
## 3203 0.001851852  12.8915000        0.0   May                 4       1      1
## 3204 0.016163522   0.0000000        0.0   May                 3       3      3
## 3205 0.055000000   0.0000000        0.0   May                 3       2      1
## 3206 0.012500000   0.0000000        0.0   May                 2       2      1
## 3207 0.020000000   3.4900364        0.0   May                 2       2      3
## 3208 0.010985222  45.6987356        0.0   May                 6       2      4
## 3209 0.004545455   0.0000000        0.0   May                 2       4      9
## 3210 0.033333333   0.0000000        0.6   May                 2       2      5
## 3211 0.050000000   0.0000000        0.0   May                 2       2      9
## 3212 0.020286738   3.3226667        0.0   May                 1       1      1
## 3213 0.166666667   0.0000000        0.0   May                 1       1      3
## 3214 0.005632184   0.0000000        0.0   May                 2       4      1
## 3215 0.021904762   0.0000000        0.0   May                 2       2      7
## 3216 0.017682257   8.9608965        0.0   May                 2       2      2
## 3217 0.027146119   0.0000000        0.0   May                 2       2      2
## 3218 0.006172840   0.0000000        0.8   May                 2       2      1
## 3219 0.030666667   0.0000000        0.8   May                 2      10      1
## 3220 0.010454545  23.6215909        0.0   May                 1       1      1
## 3221 0.011111111  36.6544444        0.0   May                 2       2      2
## 3222 0.029239766   5.3040000        0.0   May                 2       5      2
## 3223 0.062962963   0.0000000        0.0   May                 3       2      1
## 3224 0.200000000   0.0000000        0.6   May                 1       2      3
## 3225 0.075000000   0.0000000        0.0   May                 1       1      8
## 3226 0.122222222   0.0000000        0.0   May                 3       2      3
## 3227 0.028000000   1.8475200        0.0   May                 2       2      1
## 3228 0.070490196   4.2792941        0.0   May                 2       4      2
## 3229 0.014808078   0.0000000        0.0   May                 2       2      1
## 3230 0.041176471   0.0000000        0.0   May                 2       5      1
## 3231 0.083333333   0.0000000        0.6   May                 2       2      1
## 3233 0.044444444   0.0000000        0.0   May                 2       2      9
## 3234 0.017142857   0.0000000        0.6   May                 2      10      1
## 3235 0.044312169   0.0000000        0.4   May                 2       2      6
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## 3236 0.017959184   0.0000000        0.0   May                2       5      4
## 3237 0.019480519   0.0000000        0.0   May                2       2      3
## 3238 0.008333333   0.0000000        0.0   May                2       2      9
## 3239 0.029166667   0.0000000        0.0   May                1       1      2
## 3240 0.033333333   0.0000000        0.0   May                2       2      1
## 3241 0.015277778  34.2607778        0.4   May                1       1      8
## 3242 0.066666667   0.0000000        0.2   May                2       2      1
## 3243 0.012820513   0.0000000        0.4   May                4       1      3
## 3244 0.011111111   0.0000000        0.0   May                2       2      8
## 3245 0.026281080   2.0905000        0.0   May                2       2      3
## 3246 0.040000000   0.0000000        0.0   May                4       1      3
## 3247 0.017931489   0.0000000        0.4   May                2       4      7
## 3248 0.005454545   0.0000000        0.0   May                3       2      4
## 3249 0.017500000  23.4154000        0.0   May                2       2      3
## 3250 0.018750000   0.0000000        0.0   May                3       2      1
## 3251 0.072000000   0.0000000        0.0   May                3       2      1
## 3252 0.015873016   0.0000000        0.0   May                4       1      1
## 3253 0.037500000   0.0000000        0.0   May                2       2      2
## 3254 0.034077383   0.0000000        1.0   May                3       2      1
## 3255 0.011685393   0.0000000        0.2   May                4       2      1
## 3256 0.100000000   0.0000000        0.0   May                1       1      1
## 3257 0.015384615   0.0000000        0.0   May                2       2      7
## 3258 0.071296296   0.0000000        0.8   May                2       2      6
## 3259 0.075000000   0.0000000        0.0   May                2       2      8
## 3260 0.066666667   0.0000000        0.0   May                2       4      1
## 3261 0.021951220   6.0721585        0.0   May                2       2      2
## 3262 0.008333333   0.0000000        0.4   May                2       2      1
## 3263 0.114814815   0.0000000        0.0   May                2       2      1
## 3264 0.008376076   0.0000000        0.8   May                1       1      6
## 3265 0.080000000   0.0000000        0.6   May                2       2      2
## 3266 0.200000000   0.0000000        0.6   May                2       2      3
## 3267 0.011870845  49.9543818        0.0   May                2       2      1
## 3268 0.053636364   0.0000000        0.6   May                1       1      1
## 3269 0.025750000  24.6142500        0.2   May                2       2      1
## 3270 0.200000000   0.0000000        0.0   May                2       2      1
## 3271 0.102717391   0.0000000        0.8   May                2       5      1
## 3272 0.007715618  98.0426256        0.0   May                2       2      1
## 3274 0.022222222   0.0000000        0.0   May                2       2      3
## 3275 0.022222222   0.0000000        0.0   May                3       2      3
## 3276 0.050000000   0.0000000        0.0   May                4       1      1
## 3277 0.013809524   0.0000000        0.0   May                1       1      1
## 3278 0.016684020   0.0000000        0.0   May                3       2      7
## 3279 0.040740741   0.0000000        0.6   May                2       2      6
## 3280 0.016666667   0.0000000        0.2   May                2       2      5
## 3281 0.013333333   0.0000000        0.0   May                1       1      1
## 3283 0.020779221   0.0000000        0.4   May                3       2      4
## 3284 0.100000000   0.0000000        0.0   May                2       5      3
## 3285 0.025161290  15.5119355        0.0   May                2       2      1
## 3286 0.200000000   0.0000000        0.0   May                3       2      9
## 3287 0.016666667  26.8752000        0.0   May                2       2      1
## 3288 0.041198413   0.0000000        0.0   May                2       4      1
## 3289 0.200000000   0.0000000        0.4   May                1       1      1
## 3290 0.018181818   0.0000000        0.0   May                3       2      9
## 3291 0.025000000   0.0000000        0.0   May                2       2      3
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## 3292 0.055555556   0.0000000        0.2   May                2       2      4
## 3293 0.019047619   0.0000000        0.0   May                2       2      2
## 3294 0.009929078  30.6662411        0.0   May                1       2      6
## 3295 0.066190476   0.0000000        0.0   May                3       2      1
## 3296 0.092857143   0.0000000        0.8   May                3       2      6
## 3297 0.006666667   0.0000000        0.0   May                2       2      1
## 3298 0.008888889   0.0000000        0.0   May                1       1      4
## 3299 0.037500000   0.0000000        0.0   May                2       2      5
## 3300 0.033333333   0.0000000        0.0   May                3       2      4
## 3301 0.033333333   0.0000000        0.4   May                1       1      1
## 3302 0.044642857   0.0000000        0.8   May                2       2      3
## 3303 0.027727273   0.0000000        0.8   May                4       2      3
## 3304 0.018181818   0.0000000        0.0   May                4       2      1
## 3305 0.037500000   0.0000000        0.0   May                1       1      3
## 3306 0.080000000   0.0000000        0.8   May                2       2      1
## 3307 0.028205128   0.0000000        0.8   May                1       1      1
## 3308 0.033333333  58.4880000        0.0   May                2       5      3
## 3309 0.015855776   2.3211011        1.0   May                2       2      5
## 3310 0.022222222   0.0000000        0.0   May                3       3      1
## 3311 0.009950860   0.0000000        0.2   May                2      10      4
## 3312 0.051515152   0.0000000        0.8   May                2       2      6
## 3313 0.028571429  58.7880000        0.2   May                2       2      3
## 3314 0.064680923   0.0000000        0.2   May                1       1      1
## 3315 0.037647059   0.0000000        0.0   May                2       2      1
## 3316 0.040000000   0.0000000        0.0   May                1       1      6
## 3317 0.025925926   0.0000000        0.0   May                3       2      1
## 3318 0.015384615 124.0320000        0.0   May                1       1      6
## 3319 0.005000000   0.0000000        0.0   May                3       2      4
## 3320 0.133333333   0.0000000        0.4   May                2       2      4
## 3321 0.022222222  18.6533333        0.0   May                2       2      8
## 3322 0.012156298   3.9764723        0.0   May                3       2      1
## 3323 0.012500000   0.0000000        0.0   May                2      10      1
## 3324 0.011688312   0.0000000        0.0   May                1       2      1
## 3325 0.008333333   0.0000000        1.0   May                1       8      1
## 3326 0.050000000   0.0000000        0.0   May                4       1      1
## 3327 0.028571429   0.0000000        0.0   May                4       1      2
## 3328 0.050000000   0.0000000        0.0   May                4       1      1
## 3329 0.030060764   0.0000000        0.0   May                3       2      3
## 3330 0.028125000   0.0000000        0.0   May                2       2      8
## 3331 0.200000000   0.0000000        0.6   May                2       2      1
## 3332 0.200000000   0.0000000        0.0   May                3       2      1
## 3333 0.005882353   0.0000000        0.0   May                2       2      6
## 3334 0.020000000   0.0000000        0.0   May                2       5      8
## 3335 0.012301587   7.0182000        0.0   May                3       2      7
## 3336 0.040625000   0.0000000        0.0   May                2       4      1
## 3337 0.004166667   0.0000000        0.6   May                2       5      1
## 3338 0.018181818   0.0000000        0.0   May                2       7      1
## 3339 0.009302326  63.3947442        0.0   May                2       5      3
## 3340 0.050000000   0.0000000        0.0   May                2      10      2
## 3341 0.020833333 165.6204667        0.0   May                1       1      8
## 3342 0.017619048  16.0710667        0.6   May                2       4      7
## 3343 0.040740741   0.0000000        0.0   May                3       2      3
## 3344 0.059393939   0.0000000        0.0   May                2       2      3
## 3345 0.100000000   0.0000000        0.0   May                1       1      2
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## 3346 0.007962529   9.3803770        0.0   May                 1       1      6
## 3347 0.009315376   0.0000000        0.0   May                 1       1      2
## 3348 0.059220779   0.0000000        0.8   May                 3       2      1
## 3349 0.005815392   5.4729746        0.0   May                 1       1      6
## 3350 0.050000000   0.0000000        0.4   May                 3       2      1
## 3351 0.019322034   0.0000000        0.2   May                 2       2      2
## 3352 0.133333333   0.0000000        0.0   May                 3       2      4
## 3353 0.080000000   0.0000000        0.0   May                 2       2      4
## 3354 0.033333333   0.0000000        0.0   May                 1       1      1
## 3355 0.012500000   0.0000000        1.0   May                 2       2      1
## 3356 0.013333333 100.7776000        0.0   May                 2       2      3
## 3357 0.025641026   0.0000000        0.0   May                 1       1      1
## 3358 0.012500000   0.0000000        0.0   May                 2       2      1
## 3359 0.039283154   0.0000000        1.0   May                 2       2      2
## 3360 0.012068881   2.5540714        0.0   May                 3       2      2
## 3361 0.003714286  14.7571048        0.0   May                 1       1      1
## 3362 0.200000000   0.0000000        0.2   May                 2       2      2
## 3363 0.033333333   0.0000000        0.0   May                 1       1      4
## 3364 0.006250000   0.0000000        0.0   May                 1       1      1
## 3365 0.009126984   0.0000000        0.6   May                 8       5      1
## 3366 0.075000000   0.0000000        0.0   May                 3       2      2
## 3367 0.009090909   0.0000000        0.0   May                 3       2      1
## 3368 0.200000000   0.0000000        0.0   May                 2       2      2
## 3369 0.040000000   0.0000000        0.6   May                 2       2      1
## 3370 0.022949495   0.0000000        0.0   May                 2       4      7
## 3371 0.018348148  16.1670133        0.0   May                 2       2      6
## 3372 0.020512821   0.0000000        0.0   May                 1       1      7
## 3373 0.026666667   0.0000000        0.0   May                 1       1      4
## 3374 0.008333333   2.7058333        0.0   May                 2       2      6
## 3375 0.035714286   0.0000000        0.0   May                 2       2      4
## 3376 0.064705882   0.0000000        1.0   May                 3       2      3
## 3377 0.033333333   0.0000000        0.8   May                 2       2      1
## 3378 0.015555556  11.1918933        0.2   May                 2      10      6
## 3379 0.050862069   8.3252069        0.0   May                 2       2      4
## 3380 0.011764706   0.0000000        0.0   May                 1       2      1
## 3381 0.027777778  56.3246667        0.0   May                 2       2      1
## 3382 0.015384615  57.5889231        0.6   May                 4       1      3
## 3383 0.073913043   0.0000000        0.6   May                 2       2      1
## 3384 0.071428571   0.0000000        0.0   May                 2       2      7
## 3385 0.010526316   0.0000000        0.0   May                 2       2      6
## 3386 0.025000000   0.0000000        0.6   May                 3       2      1
## 3387 0.070000000   0.0000000        0.0   May                 1       1      1
## 3388 0.010000000   0.0000000        0.0   May                 2       6      3
## 3389 0.037777778   0.0000000        0.0   May                 3       2      8
## 3390 0.039726776   0.0000000        0.4   May                 2       2      6
## 3391 0.016666667   0.0000000        0.0   May                 1       1      1
## 3392 0.033333333   0.0000000        0.0   May                 3       2      3
## 3393 0.022376543  10.0986222        0.0   May                 2       2      3
## 3394 0.001851852  22.1288889        0.0   May                 1       1      1
## 3395 0.080000000   0.0000000        0.4   May                 2       5      6
## 3396 0.008333333   0.0000000        0.0   May                 2       2      3
## 3397 0.004166667   0.0000000        0.8   May                 2       2      1
## 3398 0.016624762   5.3448989        0.0   May                 2       7      1
## 3399 0.026035354   6.1287875        0.0   May                 2       2      5
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## 3400 0.004000000   0.0000000        0.0   May                 1       1      4
## 3401 0.034090909   0.0000000        0.8   May                 2       4      1
## 3402 0.033333333   0.0000000        0.0   May                 4       5      1
## 3403 0.027111111  15.3956000        0.0   May                 1       1      3
## 3404 0.051225490   0.0000000        0.0   May                 3       2      3
## 3405 0.014285714  11.1317143        0.0   May                 3       2      1
## 3406 0.013068182   2.0990455        0.0   May                 2       2      7
## 3407 0.036363636   0.0000000        0.0   May                 2       2      4
## 3408 0.039029125   0.5461283        0.0   May                 2       2      3
## 3409 0.066666667   0.0000000        1.0   May                 2       2      2
## 3410 0.052076023   0.0000000        0.6   May                 3       2      3
## 3411 0.006521739   0.0000000        0.0   May                 2       2      2
## 3412 0.014285714   0.0000000        0.0   May                 2       2      1
## 3413 0.020993117   0.2016637        1.0   May                 2       2      3
## 3414 0.007815830   4.1876027        0.8   May                 3       2      3
## 3415 0.013274933   0.0000000        0.2   May                 1       1      1
## 3416 0.166666667   0.0000000        0.8   May                 1       1      1
## 3417 0.080000000   0.0000000        0.6   May                 1       1      1
## 3418 0.013043478   0.0000000        0.8   May                 2       2      2
## 3419 0.086666667   0.0000000        0.8   May                 2       2      1
## 3420 0.006666667   0.0000000        0.0   May                 4       2      2
## 3421 0.011794872  28.2953846        1.0   May                 2       2      1
## 3422 0.007668207   1.8093608        0.0   May                 2       2      1
## 3423 0.013075397   6.2110947        0.0   May                 2       2      1
## 3424 0.018181818   0.0000000        0.0   May                 2       2      1
## 3425 0.019546851   0.0000000        0.4   May                 1       2      2
## 3426 0.047395833  14.9925000        0.0   May                 1       1      3
## 3427 0.006666667   0.0000000        0.4   May                 2       2      1
## 3428 0.040000000   0.0000000        0.0   May                 4       1      1
## 3429 0.033333333   0.0000000        0.8   May                 4       1      9
## 3430 0.022549176   1.0897713        0.0   May                 2       2      4
## 3431 0.006428571  11.2841143        0.0   May                 2       2      3
## 3432 0.177777778   0.0000000        0.0   May                 3       2      3
## 3433 0.045454545   0.0000000        0.0   May                 2       2      4
## 3434 0.054358974   0.0000000        0.8   May                 1       1      2
## 3435 0.030434783   0.0000000        0.0   May                 2       2      1
## 3436 0.016666667 113.9800000        0.0   May                 2       2      1
## 3437 0.050000000   0.0000000        0.0   May                 3       2      1
## 3438 0.044223485   0.0000000        0.0   May                 2       2      6
## 3439 0.200000000   0.0000000        0.6   May                 3       2      3
## 3440 0.030060022   0.0000000        0.2   May                 3       2      1
## 3441 0.068170426   0.0000000        0.0   May                 2       2      6
## 3442 0.009657738   0.0000000        0.0   May                 1       1      1
## 3443 0.011750000  23.5144000        0.0   May                 2       4      7
## 3444 0.029000000   0.0000000        0.0   May                 2       2      1
## 3445 0.006666667   0.0000000        0.0   May                 2       2      9
## 3446 0.100000000   0.0000000        0.2   May                 2       2      6
## 3447 0.091666667   0.0000000        0.4   May                 7       1      6
## 3448 0.066666667   0.0000000        0.0   May                 4       2      1
## 3449 0.008595388   0.0000000        0.0   May                 1       1      1
## 3450 0.050303030  16.1970000        0.0   May                 2       2      6
## 3451 0.041538462   0.0000000        0.0   May                 1       1      7
## 3452 0.030000000   0.0000000        0.6   May                 2       2      1
## 3453 0.028571429   0.0000000        0.0   May                 3       2      3
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## 3454 0.007269504   0.2551915        0.0   May                2       2      7
## 3455 0.120000000   0.0000000        0.0   May                1       1      1
## 3456 0.038816034   0.0000000        1.0   May                2       2      3
## 3457 0.068750000   0.0000000        0.8   May                2       2      1
## 3458 0.040000000   0.0000000        0.0   May                1       1      3
## 3459 0.045454545   0.0000000        0.0   May                6       2      2
## 3460 0.080000000   0.0000000        0.0   May                3       2      3
## 3461 0.031481481   0.0000000        0.0   May                3       2      8
## 3462 0.100510511   0.0000000        0.8   May                3       2      7
## 3463 0.160000000   0.0000000        0.6   May                2       5      1
## 3464 0.068285714   0.0000000        0.4   May                2       2      1
## 3465 0.019576720  12.4550000        0.0   May                2       2      3
## 3466 0.200000000   0.0000000        0.6   May                3       2      1
## 3467 0.051333333   0.0000000        0.0   May                3       2      3
## 3468 0.035057471   0.0000000        0.0   May                2       4      3
## 3469 0.002222222  30.4615873        0.0   May                2       2      9
## 3470 0.043055556   0.0000000        1.0   May                1       1      7
## 3471 0.100000000   0.0000000        0.6   May                2       2      4
## 3472 0.010000000   0.0000000        0.0   May                2       2      1
## 3473 0.080000000   0.0000000        0.0   May                2       2      6
## 3474 0.200000000   0.0000000        0.0   May                2       2      1
## 3475 0.024390244   0.0000000        0.0   May                2       2      8
## 3476 0.050000000   0.0000000        0.0   May                2       2      1
## 3477 0.003921569   0.0000000        0.0   May                2       5      9
## 3478 0.028571429   0.0000000        0.0   May                2       4      4
## 3479 0.015506059   0.0000000        0.6   May                3       2      9
## 3480 0.060000000   0.0000000        0.6   May                2       2      1
## 3481 0.011965812   0.0000000        0.0   May                4       2      3
## 3482 0.005128205   0.0000000        0.4   May                2       4      1
## 3483 0.019207792   7.4358667        0.0   May                1       2      1
## 3484 0.044444444   0.0000000        0.0   May                3       2      8
## 3485 0.065873016   0.0000000        0.4   May                2       4      1
## 3486 0.200000000   0.0000000        0.6   May                2       4      7
## 3487 0.012500000   0.0000000        0.0   May                1       8      4
## 3488 0.005555556   0.0000000        0.0   May                2       2      7
## 3489 0.005000000  49.3886000        0.6   May                2       4      2
## 3490 0.031578947   0.0000000        0.2   May                2       2      1
## 3491 0.200000000   0.0000000        0.6   May                3       2      1
## 3492 0.025355418  24.7266184        0.6   May                3       2      1
## 3493 0.002380952   0.0000000        1.0   May                3       2      1
## 3494 0.014285714   0.0000000        0.0   May                3       3      8
## 3495 0.036363636   0.0000000        0.0   May                2       2      1
## 3496 0.005750251   0.0000000        0.8   May                1       1      3
## 3497 0.080000000   0.0000000        0.6   May                2       2      1
## 3498 0.058000000   0.0000000        0.0   May                3       2      1
## 3499 0.055319149   0.0000000        0.0   May                3       2      3
## 3500 0.025757576   0.0000000        0.0   May                1       2      2
## 3501 0.016973138   0.0000000        0.0   May                1       1      1
## 3502 0.003466667   0.0000000        0.8   May                2       2      1
## 3503 0.087500000   0.0000000        0.4   May                3       2      1
## 3504 0.019623016  11.3767868        0.0   May                2       2      4
## 3505 0.033333333   0.0000000        0.0   May                3       2      3
## 3506 0.037500000  19.2362500        0.8   May                3       2      2
## 3507 0.035119048   0.0000000        0.0   May                2       2      4
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## 3508 0.016666667   0.0000000        0.0   May                3       2      1
## 3509 0.030769231   0.0000000        0.0   May                2      10      2
## 3510 0.075000000   0.0000000        0.6   May                3       2      6
## 3511 0.004756098   3.2003049        0.0   May                4       1      7
## 3512 0.020275689   0.0000000        0.6   May                3       2      1
## 3513 0.009019608  30.0128824        0.0   May                2       2      4
## 3514 0.083333333   0.0000000        0.6   May                1       1      7
## 3515 0.033333333  53.9880000        0.0   May                2       5      3
## 3516 0.003921569   0.0000000        0.0   May                2       2      7
## 3517 0.015476190   3.3568929        0.0   May                3       2      9
## 3518 0.028765432   0.0000000        0.6   May                3       2      3
## 3519 0.007692308   0.0000000        0.0   May                2       2      3
## 3520 0.083333333   0.0000000        0.0   May                2       2      1
## 3521 0.075000000   0.0000000        0.0   May                1       1      2
## 3522 0.046153846   0.0000000        0.2   May                2       2      5
## 3523 0.200000000   0.0000000        0.0   May                2       2      1
## 3524 0.028260870  22.2993913        0.0   May                2       2      6
## 3525 0.007306262  27.4320951        0.0   May                4       1      3
## 3526 0.025000000  35.0910000        0.0   May                2       4      1
## 3527 0.014944594   0.0000000        0.0   May                2       2      1
## 3528 0.066666667   0.0000000        0.0   May                4       1      1
## 3529 0.035000000  24.3401667        0.0   May                2       2      1
## 3530 0.010526316 254.6071579        0.0   May                2       5      1
## 3531 0.013333333   8.1816000        0.0   May                2       2      1
## 3532 0.030392157   0.0000000        0.0   May                2       2      7
## 3533 0.014500000   0.0000000        0.0   May                3       2      8
## 3534 0.072549020   0.0000000        0.0   May                4       1      1
## 3535 0.004500000   0.0000000        0.0   May                3       3      2
## 3536 0.045679012  13.3259259        0.0   May                2       2      3
## 3537 0.003506944  10.1227500        0.0   May                1       1      2
## 3538 0.009090909  30.5263636        0.0   May                2       2      6
## 3539 0.085714286   0.0000000        1.0   May                2       2      1
## 3540 0.100000000   0.0000000        0.0   May                2       2      1
## 3541 0.020833333  31.9038750        0.6   May                4       1      1
## 3542 0.022124542   0.0000000        0.0   May                3       2      3
## 3543 0.015873016  52.0834286        0.0   May                2       4      1
## 3544 0.050000000   0.0000000        0.0   May                1       1      4
## 3545 0.023728814  23.8762910        0.0   May                2       2      9
## 3546 0.091555556   0.0000000        0.6   May                3       2      1
## 3547 0.025000000  53.9880000        0.0   May                1       1      1
## 3548 0.028571429   0.0000000        0.0   May                2       2      1
## 3549 0.020192308   8.5452500        0.0   May                1       1      2
## 3550 0.108333333   0.0000000        0.6   May                1       1      2
## 3551 0.071264368   0.0000000        0.6   May                3       2      2
## 3552 0.007571185   7.2046137        0.0   May                2      10      6
## 3553 0.032142857   0.0000000        0.0   May                2       6      1
## 3554 0.028571429   0.0000000        0.0   May                3       2      1
## 3555 0.069333333   0.0000000        0.4   May                2       2      1
## 3556 0.004081633   0.0000000        0.0   May                2       2      1
## 3557 0.090909091   0.0000000        0.4   May                1       1      1
## 3558 0.031944444   0.0000000        0.0   May                2       2      5
## 3559 0.122222222   0.0000000        0.2   May                3       2      2
## 3560 0.100000000   0.0000000        0.0   May                2       2      3
## 3561 0.061538462   0.0000000        0.0   May                2       2      8
```

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## 3562 0.008659512   9.0130114        0.0   May                2       2      1
## 3563 0.005714286   0.0000000        0.0   May                2       2      5
## 3564 0.025000000   0.0000000        0.0   May                2       2      3
## 3565 0.026315789   0.0000000        0.0   May                1       1      2
## 3566 0.066666667   0.0000000        0.0   May                2       2      7
## 3567 0.200000000   0.0000000        0.0   May                1       1      7
## 3568 0.040000000   0.0000000        0.0   May                3       2      1
## 3569 0.084615385   0.0000000        0.6   May                1       1      4
## 3570 0.110000000   0.0000000        0.6   May                3       2      1
## 3571 0.034117647   0.0000000        0.0   May                2       2      3
## 3572 0.052525253   0.0000000        0.0   May                3       2      3
## 3573 0.014285714   0.0000000        0.2   May                1       1      1
## 3574 0.035555556   0.0000000        0.4   May                1       1      1
## 3575 0.019298246   0.0000000        0.6   May                2       2      6
## 3576 0.065148810   0.0000000        0.8   May                2       2      1
## 3577 0.029411765   0.0000000        1.0   May                2       2      1
## 3579 0.025536616   0.0000000        0.6   May                3       2      1
## 3580 0.022222222   0.0000000        0.0   May                2       7      2
## 3581 0.037962963   0.0000000        0.2   May                2       2      7
## 3582 0.012820513  56.3588461        0.0   May                4       2      1
## 3583 0.003448276  54.2180690        0.0   May                2       2      1
## 3584 0.046190476   0.0000000        0.8   May                2       4      7
## 3585 0.019576720   0.0000000        0.0   May                2       2      1
## 3586 0.018181818   0.0000000        0.0   May                2       2      1
## 3587 0.006000000   0.0000000        0.8   May                2      10      1
## 3588 0.005555556   0.0000000        0.6   May                1       1      1
## 3589 0.023076923   9.6410769        0.4   May                2       2      8
## 3590 0.050000000   0.0000000        0.0   May                3       2      3
## 3591 0.051215278   0.0000000        0.6   May                3       2      1
## 3592 0.027327327   4.1488784        0.0   May                2       2      7
## 3593 0.006666667   0.0000000        0.6   May                2       2      1
## 3594 0.011111111   0.0000000        0.0   May                1       1      1
## 3595 0.010000000  20.0031000        0.0   May                2       2      1
## 3596 0.200000000   0.0000000        0.6   May                2       2      7
## 3597 0.015277778   0.0000000        0.0   May                2       2      1
## 3598 0.200000000   0.0000000        0.0   May                1       1      9
## 3599 0.022222222   0.0000000        0.0   May                1       1      1
## 3600 0.020000000   0.0000000        0.0   May                2       2      6
## 3601 0.020120574   7.7935286        0.0   May                2       2      3
## 3602 0.005000000   0.0000000        0.0   May                2       4      4
## 3603 0.001680672  42.4191429        0.0   May                2       2      2
## 3604 0.037037037   0.0000000        1.0   May                3       2      6
## 3605 0.047660099   0.0000000        0.0   May                1       2      1
## 3606 0.148917749   0.0000000        0.0   May                3       2      1
## 3607 0.150000000   0.0000000        0.6   May                2       2      1
## 3608 0.042857143   0.0000000        0.0   May                2       2      3
## 3609 0.133333333   0.0000000        1.0   May                3       2      3
## 3610 0.092142857   0.0000000        0.0   May                3       2      1
## 3611 0.022222222   0.0000000        0.2   May                2       2      1
## 3612 0.019605911   0.0000000        0.0   May                2       2      4
## 3613 0.060000000   0.0000000        0.8   May                2       4      3
## 3614 0.027407407  36.5158148        0.0   May                1       1      1
## 3615 0.083333333   0.0000000        0.6   May                3       3      3
## 3616 0.040000000   0.0000000        0.0   May                2       5      4
```

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## 3617 0.031250162   0.0000000        0.8   May                3       2       6
## 3618 0.063636364   0.0000000        0.0   May                2       2       3
## 3619 0.012500000   0.0000000        0.0   May                2       4       1
## 3620 0.022868217   4.2473721        0.0   May                2       5       1
## 3621 0.016666667   0.0000000        0.2   May                2       2       6
## 3622 0.067857143   0.0000000        0.0   May                4       1       3
## 3623 0.088888889   0.0000000        0.0   May                1       1       3
## 3624 0.030000000   0.0000000        0.0   May                2       2       9
## 3625 0.040000000   0.0000000        0.6   May                2       2       3
## 3626 0.026060606   0.0000000        1.0   May                2       2       4
## 3627 0.001904762   0.0000000        0.0   May                2       2       8
## 3628 0.072222222   0.0000000        0.0   May                4       1       1
## 3629 0.004054054  80.5873378        0.0   May                2       4       1
## 3630 0.007692308   0.0000000        0.0   May                2       5       3
## 3631 0.024542230   2.2272787        0.8   May                3       2       1
## 3632 0.200000000   0.0000000        0.0   May                2       2       6
## 3633 0.066666667   0.0000000        0.0   May                2       2       4
## 3634 0.033333333   0.0000000        0.0   May                2       2       9
## 3635 0.022222222  44.9900000        0.0   May                3       2       2
## 3636 0.006666667   0.0000000        0.0   May                1       1       1
## 3637 0.044749710   2.3414197        0.0   May                3       2       3
## 3638 0.175000000   0.0000000        0.8   May                2       2       4
## 3639 0.028070175   0.0000000        0.8   May                2       2       1
## 3640 0.018421053   0.0000000        0.0   May                2       2       3
## 3641 0.002272727   0.0000000        0.0   May                2       4       1
## 3642 0.067647059   0.0000000        0.4   May                1       1       4
## 3643 0.029549127   0.0000000        1.0   May                2       2       7
## 3644 0.052941176   0.0000000        0.8   May                2       2       2
## 3645 0.010000000   0.0000000        0.0   May                2       7       1
## 3646 0.125000000   0.0000000        0.8   May                3       2       1
## 3647 0.013076923  15.4004231        0.0   May                1       1       7
## 3648 0.016666667   0.0000000        0.0   May                2       2       7
## 3649 0.014814815   0.0000000        0.0   May                4       1       1
## 3650 0.200000000   0.0000000        0.2   May                2       2       1
## 3652 0.068253968   0.0000000        0.0   May                2       5       1
## 3653 0.050000000   0.0000000        0.0   May                2       6       3
## 3654 0.050000000   0.0000000        0.6   May                2       2       1
## 3655 0.033333333   0.0000000        0.0   May                3       2       4
## 3656 0.020175439   0.0000000        0.0   May                2       4       3
## 3657 0.095238095   0.0000000        0.0   May                2       2       1
## 3658 0.100000000   0.0000000        0.0   May                2       2       1
## 3659 0.007277211   0.0000000        0.0   May                2       2       1
## 3660 0.031250000   0.0000000        0.0   May                3       2       5
## 3661 0.036309524   0.0000000        0.6   May                3       2       1
## 3662 0.066666667   0.0000000        0.0   May                3       2       4
## 3663 0.100000000   0.0000000        0.0   May                1       1       3
## 3665 0.039583333  43.9900000        0.0   May                2       2       3
## 3666 0.002105263   0.0000000        0.0   May                3       2       1
## 3667 0.057142857   0.0000000        0.0   May                4       2       3
## 3668 0.002631579   0.0000000        0.0   May                2       2       2
## 3669 0.058222222   0.0000000        0.0   May                2       2       1
## 3670 0.085714286   0.0000000        1.0   May                2       2       7
## 3671 0.121212121   0.0000000        0.8   May                2       2       7
## 3672 0.150000000   0.0000000        0.0   May                3       2       1
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## 3673 0.133333333   0.0000000        1.0   May                1       1      4
## 3674 0.100000000   0.0000000        0.8   May                2       2      1
## 3675 0.013768116   0.0000000        0.0   May                2       2      3
## 3676 0.080769231   0.0000000        0.8   May                2       2      1
## 3677 0.009523810  10.5180952        0.0   May                2       2      7
## 3678 0.200000000   0.0000000        0.0   May                2       2      6
## 3679 0.003278689   0.0000000        0.2   May                2       2      3
## 3680 0.057142857   0.0000000        0.6   May                2       2      1
## 3681 0.011984127  13.0915464        0.0   May                2       2      2
## 3682 0.051764706   0.0000000        0.0   May                1       4      2
## 3683 0.009756098   0.0000000        0.0   May                3       2      1
## 3684 0.116666667   0.0000000        0.4   May                3       2      3
## 3685 0.016744186  12.7314419        0.0   May                4       1      8
## 3686 0.024698413   0.0000000        0.6   May                1       1      3
## 3687 0.014022989   5.0781149        0.0   May                1       2      3
## 3688 0.166666667   0.0000000        0.6   May                2       2      1
## 3689 0.029591837  10.9870714        0.0   May                1       1      3
## 3690 0.009603919   1.4184404        0.4   May                2       7      7
## 3691 0.022222222   0.0000000        0.0   May                2       4      4
## 3692 0.031075269   0.0000000        0.0   May                3       2      2
## 3693 0.114285714   0.0000000        0.4   May                3       2      4
## 3694 0.133333333   0.0000000        0.6   May                2       2      1
## 3695 0.075000000   0.0000000        0.0   May                2       5      3
## 3696 0.007142857   0.0000000        0.0   May                2      10      2
## 3697 0.016666667   0.0000000        0.0   May                2       4      3
## 3698 0.033333333   0.0000000        0.0   May                2       2      6
## 3699 0.070238095   0.0000000        0.0   May                3       2      2
## 3700 0.037500000   0.0000000        0.0   May                1       2      2
## 3701 0.025141243   0.0000000        0.6   May                2       4      3
## 3702 0.014285714   0.0000000        0.0   May                3       2      6
## 3703 0.016666667  14.9833333        0.4   May                4       1      2
## 3704 0.007674572   5.7440580        0.0   May                3       2      1
## 3705 0.026984127   0.0000000        0.0   May                1       1      1
## 3706 0.044444444   0.0000000        0.6   May                1       1      6
## 3707 0.066666667   0.0000000        0.0   May                3       2      2
## 3708 0.007142857   0.0000000        0.0   May                2       4      2
## 3709 0.011326165   0.0000000        0.0   May                1       1      1
## 3710 0.050000000   0.0000000        0.4   May                2       4      2
## 3711 0.066233766   0.0000000        1.0   May                2      10      1
## 3712 0.011764706   0.0000000        0.0   May                2       4      2
## 3713 0.040000000   0.0000000        0.2   May                3       2      2
## 3714 0.043948052   8.5671429        0.0   May                2       6      6
## 3715 0.025000000  50.9925000        0.0   May                2       2      1
## 3716 0.038095238   0.0000000        0.0   May                2       2      6
## 3717 0.033742690   0.0000000        0.2   May                1       1      3
## 3718 0.008333333   0.0000000        0.0   May                2       2      1
## 3719 0.035000000   0.0000000        0.0   May                3       2      1
## 3720 0.045170068  11.1573429        0.0   May                2       2      3
## 3721 0.029230769   0.0000000        0.0   May                3       2      4
## 3723 0.050000000   0.0000000        0.0   May                2       2      6
## 3724 0.055555556   0.0000000        1.0   May                2       4      2
## 3725 0.046262626   0.0000000        0.8   May                2       5      2
## 3726 0.023117504   0.0000000        0.0   May                1       1      5
## 3727 0.072727273   0.0000000        0.8   May                1       1      1
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## 3728 0.023333333   0.0000000        1.0   May                3       2       3
## 3729 0.050000000   0.0000000        0.6   May                2       2       6
## 3730 0.015053763   0.0000000        0.0   May                3       2       7
## 3731 0.107142857   0.0000000        0.8   May                2       4       5
## 3732 0.018859649   0.0000000        0.0   May                2       2       2
## 3733 0.004166667   0.0000000        0.0   May                2      10       6
## 3734 0.033684211   0.0000000        0.0   May                2       2       1
## 3735 0.040625000   0.0000000        0.0   May                2       6       1
## 3736 0.077777778   0.0000000        0.0   May                2       4       2
## 3737 0.057619048   0.0000000        0.0   May                2       2       7
## 3738 0.019540230   0.0000000        0.0   May                3       2       1
## 3739 0.061904762   0.0000000        0.0   May                1       1       1
## 3740 0.040476190   0.0000000        0.6   May                3       2       8
## 3741 0.006250000   0.0000000        0.0   May                2       2       3
## 3742 0.011428571  92.8385714        0.0   May                3       2       1
## 3743 0.071428571   0.0000000        0.8   May                1       1       1
## 3744 0.121428571   0.0000000        0.6   May                3       2       1
## 3745 0.021263103   0.0000000        0.0   May                2       2       8
## 3746 0.010526316   0.0000000        0.0   May                2       2       6
## 3747 0.133333333   0.0000000        0.6   May                1       8       4
## 3748 0.033333333   0.0000000        0.0   May                2       2       1
## 3749 0.036274510   0.0000000        0.0   May                3       2       2
## 3750 0.038958835   8.0887500        0.0   May                2       2       3
## 3751 0.005555556   0.0000000        0.0   May                2       2       5
## 3752 0.018750000   0.0000000        0.8   May                2       5       1
## 3753 0.019066142  16.4236325        0.0   May                1       1       1
## 3754 0.007692308   0.0000000        0.0   May                2       2       7
## 3755 0.007881773   0.0000000        0.0   May                2       6       1
## 3756 0.200000000   0.0000000        0.0   May                2       4       1
## 3757 0.033333333   0.0000000        0.0   May                2       4       1
## 3758 0.012291667   0.0000000        0.0   May                1       1       6
## 3759 0.021052632   0.0000000        1.0   May                3       2       3
## 3760 0.005893497   0.0000000        0.0   May                2       2       1
## 3761 0.068115942   0.0000000        0.0   May                2       4       3
## 3762 0.109523810   0.0000000        0.0   May                3       3       9
## 3763 0.100000000   0.0000000        0.4   May                1       1       1
## 3764 0.057142857   0.0000000        0.0   May                4       1       3
## 3765 0.010752688  37.6093548        0.0   May                2       2       1
## 3766 0.011118588  10.8018872        0.0   May                4       1       2
## 3767 0.100000000   0.0000000        0.0   May                1       8       3
## 3768 0.042083333  12.6534375        0.0   May                3       2       3
## 3769 0.022549020  19.1127451        0.0   May                2       2       6
## 3770 0.026938057   0.0000000        0.8   May                2       2       7
## 3771 0.066666667   0.0000000        0.0   May                2       2       4
## 3772 0.028205128   0.0000000        0.0   May                3       2       6
## 3773 0.028571429  16.7065714        0.0   May                2       2       3
## 3774 0.013043478   0.0000000        0.0   May                2       2       4
## 3775 0.026388889   0.0000000        0.4   May                2       4       2
## 3776 0.180000000   0.0000000        0.4   May                1       2       2
## 3777 0.025000000   0.0000000        0.8   May                1       2       3
## 3778 0.050000000   0.0000000        0.0   May                3       3       3
## 3779 0.014285714  59.9880000        0.0   May                2       2       1
## 3780 0.020652174   7.0914783        0.0   May                3       2       3
## 3781 0.022222222   0.0000000        0.2   May                2       2       1
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## 3782 0.017482517   0.0000000        0.0   May                2       6      2
## 3783 0.004266667   0.0000000        0.0   May                3       3      1
## 3784 0.200000000   0.0000000        0.0   May                3       2      1
## 3785 0.092857143   0.0000000        0.0   May                2       4      2
## 3786 0.157142857   0.0000000        0.6   May                3       2      1
## 3787 0.012500000   0.0000000        0.0   May                3       2      6
## 3788 0.057142857   0.0000000        0.0   May                1       1      1
## 3789 0.013428813  14.7591159        0.0   May                2       2      5
## 3790 0.073333333   0.0000000        0.0   May                3       2      1
## 3791 0.033333333   0.0000000        0.0   May                2       2      1
## 3792 0.040000000   0.0000000        0.0   May                2       2      1
## 3793 0.059523810   0.0000000        0.8   May                3       2      1
## 3794 0.057142857   0.0000000        0.0   May                1       1      6
## 3795 0.074074074   0.0000000        0.4   May                3       2      2
## 3796 0.013931624   0.0000000        0.2   May                1       1      3
## 3797 0.013333333   0.0000000        0.0   May                1       1      1
## 3798 0.018181818  72.7880000        0.4   May                1       1      1
## 3799 0.100000000   0.0000000        0.0   May                2       2      3
## 3800 0.014285714  14.5542857        0.0   May                2       2      3
## 3801 0.014285714   0.0000000        0.0   May                3       2      1
## 3802 0.030226481  11.1926341        0.0   May                1       1      1
## 3803 0.013333333   0.0000000        0.0   May                3       2      7
## 3804 0.038405797   0.0000000        0.0   May                3       2      4
## 3805 0.038333333   0.0000000        0.6   May                2       4      1
## 3806 0.011320755   0.0000000        0.0   May                2       2      4
## 3807 0.022025900   0.0000000        0.4   May                2       2      3
## 3808 0.059095640   2.3949180        0.0   May                2       2      6
## 3809 0.032291667   0.0000000        0.0   May                2       2      4
## 3810 0.027083333   0.0000000        0.8   May                2       2      3
## 3811 0.016000000   0.0000000        0.0   May                1       1      1
## 3812 0.002597403  13.3633247        0.0   May                3       2      6
## 3813 0.015649351  27.7134000        0.0   May                3       2      1
## 3814 0.050000000   0.0000000        0.6   May                2       4      1
## 3815 0.005858586   0.0000000        0.0   May                2       2      2
## 3816 0.017391304  64.3304348        0.0   May                2       2      9
## 3817 0.154761905   0.0000000        0.8   May                3       2      7
## 3818 0.012612613 102.3538378        0.0   May                2       5      7
## 3819 0.040000000   0.0000000        0.0   May                2       2      3
## 3820 0.070833333   0.0000000        0.6   May                3       2      1
## 3821 0.022222222   0.0000000        0.0   May                1       1      1
## 3822 0.012500000   0.0000000        0.0   May                3       2      4
## 3823 0.001234568   0.0000000        0.0   May                1       1      3
## 3824 0.007142857   0.0000000        0.0   May                2       2      1
## 3825 0.014285714   0.0000000        0.0   May                2       4      1
## 3826 0.018181818 100.0963636        0.0   May                2       2      1
## 3827 0.025308642   0.0000000        0.6   May                1       8      3
## 3828 0.018750000   0.0000000        0.0   May                2       2      1
## 3829 0.045438596   0.0000000        0.8   May                3       2      8
## 3830 0.029629630   0.0000000        0.0   May                2       4      3
## 3831 0.022295918   0.0000000        0.8   May                4       1      1
## 3832 0.022222222   0.0000000        0.0   May                2       2      1
## 3833 0.004545455   0.0000000        0.0   May                2       5      1
## 3834 0.037500000   0.0000000        0.0   May                2       4      4
## 3835 0.001470588   0.0000000        0.0   May                2       2      7
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## 3836 0.006451613   0.0000000        0.0   May                2       2      9
## 3837 0.057142857   0.0000000        0.0   May                2       4      3
## 3838 0.039814815   0.0000000        0.8   May                2       2      4
## 3839 0.066666667   0.0000000        0.0   May                2       2      1
## 3840 0.050000000   0.0000000        0.0   May                1       1      6
## 3841 0.018750000   0.0000000        0.2   May                1       8      3
## 3842 0.050000000   0.0000000        0.0   May                2       2      4
## 3843 0.041898148   0.0000000        1.0   May                3       2      3
## 3844 0.025000000   0.0000000        0.0   May                1       1      4
## 3845 0.085714286   0.0000000        0.6   May                2       2      3
## 3846 0.100000000   0.0000000        0.4   May                4       1      4
## 3847 0.022947455  13.4024759        0.0   May                2       2      1
## 3848 0.045198413  18.6633333        0.0   May                3       2      4
## 3849 0.022727273   0.0000000        0.6   May                3       2      1
## 3850 0.028576998   8.9035579        0.0   May                2       2      3
## 3851 0.005789474   0.0000000        1.0   May                1       8      1
## 3852 0.183333333   0.0000000        0.6   May                2       2      3
## 3853 0.030172414   0.0000000        0.0   May                4       2      3
## 3854 0.019159146   9.1397608        0.0   May                2       2      1
## 3855 0.200000000   0.0000000        0.0   May                2       2      6
## 3856 0.012500000   0.0000000        0.0   May                2       2      3
## 3857 0.072222222   0.0000000        0.0   May                1       1      8
## 3858 0.024074074   0.0000000        0.8   May                2       6      1
## 3859 0.076470588   0.0000000        0.8   May                2       2      1
## 3860 0.034935897   0.0000000        0.0   May                2       7      1
## 3861 0.040000000   0.0000000        0.0   May                2       4      3
## 3862 0.100000000   0.0000000        0.0   May                1       1      1
## 3863 0.018798094   0.0000000        0.8   May                2       2      4
## 3864 0.025918367   5.4795323        0.6   May                4       2      8
## 3865 0.005026455  31.3188571        0.0   May                2       2      6
## 3866 0.005882353   0.0000000        0.0   May                2       5      2
## 3867 0.042857143   0.0000000        0.2   May                3       2      1
## 3868 0.031388889   0.0000000        0.0   May                4       1      4
## 3869 0.008746356   0.0000000        0.2   May                2       2      3
## 3870 0.013333333  19.7853333        0.0   May                3       2      4
## 3871 0.200000000   0.0000000        0.8   May                4       1      1
## 3872 0.063214286   0.0000000        0.8   May                2       4      3
## 3873 0.016722783   7.1081481        0.0   May                2       2      3
## 3874 0.009523810   0.0000000        0.0   May                1       1      1
## 3875 0.039042146   0.0000000        1.0   May                2       2      3
## 3876 0.025444444   0.0000000        0.6   May                2       2      6
## 3877 0.015196078   9.8776471        0.0   May                2       4      3
## 3878 0.030000000   0.0000000        0.0   May                1       1      6
## 3879 0.005000000   0.0000000        0.0   May                2       2      2
## 3880 0.016666667   0.0000000        0.8   May                2       2      3
## 3881 0.030146368   6.1476338        0.0   May                3       2      3
## 3882 0.041944444   0.0000000        0.4   May                2       4      7
## 3883 0.013043478   4.4303478        0.2   May                2       6      2
## 3884 0.045000000   0.0000000        0.0   May                1       1      1
## 3885 0.030795428  12.4403075        0.0   May                2       4      4
## 3886 0.069892473   0.0000000        0.6   May                1       1      1
## 3887 0.046875000   0.0000000        0.0   May                1       1      1
## 3888 0.033333333   0.0000000        0.0   May                2      10      5
## 3889 0.033760684   5.6895541        0.0   May                2       2      1
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## 3890 0.024751180   2.3231622        0.2   May                 3       2      1
## 3891 0.037500000   0.0000000        0.4   May                 2       2      3
## 3893 0.006976744   0.0000000        0.8   May                 2       6      1
## 3894 0.075000000   0.0000000        0.0   May                 4       1      3
## 3895 0.011470588   0.0000000        0.0   May                 2       2      1
## 3896 0.008333333  45.6125000        0.0   May                 3       2      7
## 3897 0.016080586   3.9260141        0.0   May                 3       2      6
## 3898 0.012246300   1.7868191        0.0   May                 2       2      3
## 3899 0.019247312   8.1261935        0.0   May                 2       2      1
## 3900 0.011111111 115.9800000        0.0   May                 2       2      6
## 3901 0.016666667   0.0000000        0.0   May                 1       1      7
## 3902 0.133333333   0.0000000        0.0   May                 3       2      1
## 3903 0.040740741   0.0000000        0.0   May                 1       1      5
## 3904 0.038095238   0.0000000        0.0   May                 1       1      3
## 3905 0.078571429   0.0000000        0.8   May                 2       6      1
## 3906 0.018181818   0.0000000        0.0   May                 1       1      4
## 3907 0.007758621   0.0000000        0.0   May                 2       6      2
## 3908 0.072727273   0.0000000        0.8   May                 2       2      1
## 3909 0.025000000   0.0000000        0.0   May                 2       2      3
## 3910 0.200000000   0.0000000        0.0   May                 3       2      6
## 3911 0.012500000   0.0000000        0.0   May                 1       1      5
## 3912 0.037500000   0.0000000        0.0   May                 4       1      7
## 3913 0.029074729   2.9922678        1.0   May                 2       2      6
## 3914 0.200000000   0.0000000        0.0   May                 1       1      4
## 3915 0.042857143   0.0000000        0.4   May                 2       2      4
## 3916 0.026415094   0.0000000        0.4   May                 2       2      3
## 3917 0.006415344   0.0000000        0.0   May                 1       1      1
## 3918 0.015775776   2.7974147        0.4   May                 2       2      8
## 3919 0.018068783   0.0000000        1.0   May                 1       1      7
## 3920 0.023611111   0.0000000        0.0   May                 2      10      6
## 3921 0.006451613  42.9561290        0.0   May                 2       2      1
## 3922 0.055555556   0.0000000        0.0   May                 2       2      4
## 3923 0.021451247   0.0000000        0.0   May                 2       2      5
## 3924 0.007692308   4.2728077        0.0   May                 2       2      1
## 3925 0.016621682   2.7904737        0.0   May                 2       2      5
## 3926 0.111111111   0.0000000        0.0   May                 1       2      1
## 3927 0.080000000   0.0000000        1.0   May                 2       2      3
## 3928 0.100000000   0.0000000        0.8   May                 1       1      4
## 3929 0.033333333   0.0000000        0.0   May                 2       2      3
## 3930 0.029851908  12.7624313        1.0   May                 2       2      2
## 3931 0.015404896   0.0000000        0.4   May                 2       2      8
## 3932 0.097777778   0.0000000        0.8   May                 3       2      3
## 3933 0.200000000   0.0000000        0.0   May                 1       1      4
## 3934 0.050000000   0.0000000        0.0   May                 3       2      1
## 3935 0.015384615  31.7584615        0.0   May                 2       2      9
## 3936 0.007142857   0.0000000        0.8   May                 2       2      1
## 3937 0.035239899   0.0000000        0.0   May                 2       2      4
## 3938 0.009577934   0.0000000        0.0   May                 4       2      3
## 3939 0.004545455   0.0000000        0.0   May                 1       2      3
## 3940 0.010000000   0.0000000        0.0   May                 1       1      1
## 3941 0.166666667   0.0000000        1.0   May                 3       2      1
## 3942 0.039560440   0.0000000        0.8   May                 2       2      4
## 3943 0.023076923   0.0000000        0.0   May                 2       4      3
## 3944 0.100000000   0.0000000        0.0   May                 2       5      1
```

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## 3945 0.007142857  42.8905714        0.0   May                2       2      1
## 3946 0.057142857   0.0000000        0.0   May                2       2      1
## 3947 0.024358974   0.0000000        0.0   May                2       4      1
## 3948 0.006382979 107.2170213        0.0   May                2       2      2
## 3949 0.200000000   0.0000000        0.0   May                2       2      3
## 3950 0.052000000   0.0000000        0.0   May                2       2      1
## 3951 0.100000000   0.0000000        0.0   May                1       1      6
## 3952 0.022222222  40.4337778        0.0   May                2       2      1
## 3953 0.024214286   0.0000000        0.0   May                1       1      3
## 3954 0.016825397   0.0000000        0.0   May                1       1      1
## 3955 0.200000000   0.0000000        0.0   May                2       2      3
## 3956 0.007666667  37.6992000        0.0   May                1       1      1
## 3957 0.200000000   0.0000000        0.0   May                2       2      6
## 3958 0.040833333   0.0000000        0.0   May                1       1      2
## 3959 0.014285714  21.5880000        0.8   May                2       2      9
## 3960 0.066666667   0.0000000        0.0   May                1       1      6
## 3961 0.022222222   0.0000000        0.0   May                2       2      8
## 3962 0.020140056   0.0000000        0.0   May                2       2      1
## 3963 0.033333333   0.0000000        0.0   May                2       4      6
## 3964 0.058333333   0.0000000        0.4   May                2       2      1
## 3965 0.020000000   0.0000000        0.0   May                2       2      1
## 3966 0.074285714   0.0000000        0.0   May                2       4      7
## 3967 0.008090118  30.8092796        0.6   May                2       2      3
## 3968 0.018390805  17.2487011        0.0   May                2       2      2
## 3969 0.123809524   0.0000000        0.4   May                1       1      4
## 3970 0.001111111  48.8680000        0.0   May                1       1      8
## 3971 0.025000000   0.0000000        0.4   May                2       2      9
## 3972 0.022222222   0.0000000        0.6   May                1       1      1
## 3973 0.045454545   0.0000000        0.2   May                2       2      2
## 3974 0.063333333   0.0000000        0.6   May                2       2      1
## 3975 0.083333333   0.0000000        0.6   May                2       2      7
## 3976 0.026666667   0.0000000        0.2   May                2       2      1
## 3977 0.011494253   0.0000000        0.0   May                2       2      4
## 3978 0.020000000   0.0000000        0.0   May                3       2      2
## 3979 0.022222222  47.6556667        0.0   May                2       5      1
## 3980 0.045684431   0.0000000        0.0   May                2       2      7
## 3981 0.012500000   0.0000000        0.4   May                2       2      3
## 3982 0.021929825   0.0000000        0.0   May                2       2      5
## 3983 0.075000000   0.0000000        0.6   May                2       2      4
## 3984 0.088888889   0.0000000        0.0   May                2       2      3
## 3985 0.200000000   0.0000000        0.0   May                2       2      4
## 3986 0.155555556   0.0000000        0.0   May                1       1      4
## 3987 0.069444444   0.0000000        0.8   May                2       2      2
## 3988 0.021247740   0.0000000        0.8   May                3       2      1
## 3989 0.014285714   0.0000000        0.0   May                2       4      2
## 3990 0.044736842   0.0000000        0.8   May                2       2      1
## 3991 0.009572650   0.0000000        0.0   May                2       2      1
## 3992 0.010000000   0.0000000        0.2   May                2       2      4
## 3993 0.200000000   0.0000000        0.0   May                1       1      6
## 3994 0.020724638   0.0000000        0.0   May                2       5      1
## 3995 0.033333333   0.0000000        0.0   May                2       4      6
## 3996 0.025000000   0.0000000        0.0   May                1       1      3
## 3997 0.100000000   0.0000000        1.0   May                2       2      7
## 3998 0.010256410   0.0000000        0.6   May                1       2      1
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## 3999 0.010061728   0.0000000        0.0   May                2       2      3
## 4000 0.022222222   0.0000000        0.0   May                1       1      8
## 4001 0.008912530   0.0000000        0.8   May                2       2      4
## 4002 0.066666667   0.0000000        0.2   May                1       1      3
## 4003 0.015384615  98.1369231        0.0   May                2       4      6
## 4004 0.100000000   0.0000000        0.0   May                2       2      2
## 4005 0.010526316   0.0000000        0.0   May                2       2      9
## 4006 0.028571429  53.9880000        0.0   May                2       2      2
## 4007 0.008695652  53.9880000        0.0   May                2       2      1
## 4008 0.013968254  10.4853333        0.0   May                2       2      2
## 4009 0.100000000   0.0000000        0.6   May                2      10      3
## 4010 0.036974790   0.0000000        0.0   May                2       4      3
## 4011 0.100000000   0.0000000        0.4   May                2       2      1
## 4012 0.087878788   8.3978182        0.0   May                2       2      1
## 4013 0.008333333 107.9400000        0.0   May                2       2      6
## 4014 0.020000000   0.0000000        0.6   May                1       1      1
## 4015 0.021290850   0.0000000        1.0   May                2       2      8
## 4016 0.066666667   0.0000000        0.2   May                2       2      2
## 4017 0.015811966   0.0000000        0.0   May                2       2      6
## 4018 0.066666667   0.0000000        0.8   May                1       1      8
## 4019 0.033333333   0.0000000        0.2   May                3       2      3
## 4020 0.066666667   0.0000000        0.0   May                2       2      1
## 4021 0.006896552   0.0000000        0.0   May                1       1      6
## 4022 0.014666667  10.0732800        0.0   May                2       2      8
## 4023 0.166666667   0.0000000        0.4   May                3       2      4
## 4024 0.008196721  48.7299563        0.0   May                2       4      8
## 4025 0.100000000   0.0000000        0.0   May                4       2      4
## 4026 0.052777778   0.0000000        0.4   May                2       2      1
## 4027 0.050940171   0.0000000        0.0   May                3       2      8
## 4028 0.017250000  24.2716500        0.0   May                2       2      4
## 4029 0.016666667   0.0000000        0.0   May                3       2      1
## 4030 0.014117647   0.0000000        0.0   May                4       1      1
## 4031 0.022696032   4.6294701        0.0   May                3       2      1
## 4032 0.039506173   8.8871111        1.0   May                2       2      1
## 4033 0.015686275   0.0000000        0.0   May                3       2      6
## 4034 0.100000000   0.0000000        1.0   May                1       2      3
## 4035 0.037500000   0.0000000        0.0   May                1       1      1
## 4036 0.019444444   0.0000000        0.0   May                3       2      4
## 4037 0.060000000   0.0000000        0.0   May                2       5      1
## 4038 0.030000000   0.0000000        0.0   May                2       7      7
## 4039 0.032692308   0.0000000        1.0   May                2       2      7
## 4040 0.200000000   0.0000000        0.0   May                2       2      5
## 4041 0.025000000   0.0000000        0.6   May                2       2      3
## 4042 0.086538462   0.0000000        0.8   May                2       2      3
## 4043 0.016129032   0.0000000        0.0   May                1       1      5
## 4044 0.032638889  22.7445833        0.4   May                3       2      6
## 4045 0.026666667   0.0000000        0.0   May                1       2      2
## 4046 0.034210526   0.0000000        0.6   May                2       2      5
## 4047 0.034920635   0.0000000        0.0   May                3       2      1
## 4048 0.034583333   0.0000000        0.6   May                1       1      1
## 4049 0.007142857  22.2745714        0.0   May                1       8      1
## 4050 0.016296296  25.3892593        0.0   May                2       2      1
## 4051 0.028571429  53.4745714        0.0   May                1       1      1
## 4052 0.050000000   0.0000000        0.8   May                3       2      3
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## 4053 0.025423729   0.0000000        0.4   May                2       2      6
## 4054 0.200000000   0.0000000        0.0   May                1       1      9
## 4055 0.116666667   0.0000000        0.0   May                2       6      1
## 4056 0.034210526   0.0000000        0.0   May                2       2      7
## 4057 0.017705157   0.8604847        0.0   May                1       1      1
## 4058 0.012903226   0.0000000        0.0   May                2       2      7
## 4059 0.062962963   0.0000000        0.0   May                2       2      3
## 4060 0.042000000   0.0000000        0.0   May                2       2      7
## 4061 0.013546798   0.0000000        0.0   May                2       2      2
## 4062 0.033915963   0.0000000        0.0   May                2       2      6
## 4063 0.001704261   9.0730526        0.0   May                2       4      1
## 4064 0.100000000   0.0000000        0.0   May                2       2      1
## 4065 0.003508772   0.0000000        1.0   May                1       1      9
## 4066 0.002597403   5.0152727        0.0   May                2       4      3
## 4067 0.050000000   0.0000000        0.4   May                2       5      3
## 4068 0.008823529   0.0000000        0.6   May                2       2      8
## 4069 0.011312741   6.5880000        0.0   May                3       5      7
## 4070 0.001666667 173.4697917        0.0   May                2       2      9
## 4071 0.020312500  50.8297500        0.0   May                3       2      1
## 4072 0.050000000   0.0000000        0.0   May                2       2      8
## 4073 0.032380952  11.6948571        0.0   May                3       2      3
## 4074 0.093333333   0.0000000        0.8   May                3       2      4
## 4075 0.041176471   0.0000000        0.0   May                1       2      3
## 4076 0.029444444  24.4076444        0.0   May                2       4      2
## 4077 0.029444444   0.0000000        0.2   May                1       1      6
## 4078 0.010230908   0.0000000        0.0   May                2       2      3
## 4079 0.050000000   0.0000000        0.0   May                3       2      1
## 4080 0.133333333   0.0000000        0.0   May                2       2      2
## 4081 0.009090909   0.0000000        0.0   May                2       2      3
## 4082 0.002777778   0.0000000        0.0   May                2       2      4
## 4083 0.013333333   0.0000000        0.8   May                2       2      5
## 4084 0.017391304   0.0000000        0.0   May                2       2      1
## 4085 0.035087719   0.0000000        0.0   May                3       2      3
## 4086 0.050000000   0.0000000        0.0   May                2       4      1
## 4087 0.014814815   0.0000000        0.0   May                2       2      7
## 4088 0.052000000   0.0000000        0.0   May                2       2      1
## 4089 0.200000000   0.0000000        0.0   May                4       1      1
## 4090 0.016190476   0.0000000        0.0   May                2       2      3
## 4091 0.078571429   0.0000000        0.8   May                2       6      7
## 4092 0.100000000   0.0000000        0.0   May                1       1      1
## 4093 0.063888889   0.0000000        0.8   May                2       2      1
## 4094 0.006666667   0.0000000        0.0   May                1       1      4
## 4095 0.200000000   0.0000000        0.6   May                1       1      4
## 4096 0.033333333   0.0000000        0.0   May                2       2      1
## 4097 0.018181818  20.6083636        0.0   May                2       2      1
## 4098 0.090476190  10.3976000        1.0   May                2       2      7
## 4099 0.022173913   0.0000000        0.0   May                2       2      1
## 4100 0.010344828   0.0000000        0.0   May                1       1      1
## 4101 0.026923077   0.0000000        0.4   May                2       4      9
## 4102 0.015384615   0.0000000        0.0   May                2      10      1
## 4103 0.043589744   0.0000000        0.0   May                2       2      6
## 4104 0.071111111   0.0000000        0.2   May                3       2      4
## 4105 0.028571429   0.0000000        0.0   May                2       2      5
## 4106 0.011594203   0.0000000        0.0   May                3       2      2
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## 4107 0.014476190   0.0000000        0.0   May                2       2      1
## 4108 0.010884354   0.0000000        0.0   May                3       2      4
## 4109 0.022102102   0.0000000        0.4   May                2       2      2
## 4110 0.034151181   0.9369792        0.4   May                3       2      1
## 4111 0.026666667   0.0000000        0.4   May                2       2      6
## 4112 0.004166667   0.0000000        0.6   May                2       2      3
## 4113 0.007801418  71.4659787        0.0   May                2       2      2
## 4114 0.040441176   0.0000000        0.4   May                1       1      1
## 4115 0.008600444   0.0000000        0.0   May                2       2      3
## 4116 0.014626073   3.3484077        0.0   May                2       4      1
## 4117 0.052777778   0.0000000        1.0   May                1       1      1
## 4118 0.133333333   0.0000000        0.4   May                2       2      1
## 4119 0.025793651  26.3434348        0.4   May                3       2      6
## 4120 0.012500000   0.0000000        0.8   May                2       2      7
## 4121 0.012962963   0.0000000        0.0   May                3       2      1
## 4122 0.025000000   0.0000000        0.0   May                1       1      8
## 4123 0.025000000  45.4895000        0.8   May                1       1      6
## 4124 0.050000000   0.0000000        0.0   May                2       2      4
## 4125 0.020000000  32.3820000        0.0   May                2       2      2
## 4126 0.031666667   0.0000000        0.0   May                1       1      1
## 4127 0.040000000   0.0000000        0.2   May                2       2      3
## 4128 0.020000000  44.3880000        0.0   May                2       2      3
## 4129 0.150000000   0.0000000        0.0   May                1       1      1
## 4130 0.016049383   0.0000000        0.0   May                2       2      3
## 4131 0.006407828  14.8513125        0.0   May                2       2      7
## 4132 0.020000000   0.0000000        0.0   May                1       1      8
## 4133 0.014285714   0.0000000        0.0   May                2      10      8
## 4134 0.014285714   0.0000000        0.0   May                1       1      4
## 4135 0.007692308  26.5935385        0.2   May                2      10      1
## 4136 0.066666667   0.0000000        0.0   May                1       1      1
## 4137 0.200000000   0.0000000        0.2   May                1       1      4
## 4138 0.050877193   0.0000000        0.6   May                3       2      6
## 4139 0.066666667   0.0000000        0.0   May                1       1      1
## 4140 0.033227513   0.0000000        0.6   May                2      10      3
## 4141 0.085416667   0.0000000        0.0   May                3       2      3
## 4142 0.026666667   0.0000000        0.0   May                1       1      2
## 4143 0.200000000   0.0000000        0.0   May                2      10      3
## 4144 0.038194444   0.0000000        0.0   May                3       2      5
## 4145 0.050000000   0.0000000        0.2   May                2       2      4
## 4146 0.083333333   0.0000000        0.2   May                2       2      2
## 4147 0.031932773   0.0000000        1.0   May                1       1      3
## 4148 0.007017544  70.0182632        0.0   May                2       2      1
## 4149 0.054930556   0.0000000        1.0   May                2       2      1
## 4150 0.066666667   0.0000000        0.0   May                2       2      3
## 4151 0.029643028   0.0000000        0.8   May                1       1      1
## 4152 0.060344828   0.0000000        0.0   May                2       2      1
## 4153 0.200000000   0.0000000        0.8   May                2       2      3
## 4154 0.019142857  16.1241600        0.0   May                1       8      1
## 4155 0.002173913   0.0000000        0.0   May                1       1      1
## 4156 0.023593750   0.0000000        0.8   May                2       5      4
## 4157 0.088888889   0.0000000        1.0   May                3       2      4
## 4158 0.005452381   0.0000000        0.0   May                3       2      3
## 4159 0.068055556   0.0000000        0.0   May                3       2      4
## 4160 0.040000000   0.0000000        0.2   May                2       2      6
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## 4161 0.018181818  56.6236364        0.0   May                2       2      1
## 4162 0.030769231   0.0000000        0.6   May                3       2      9
## 4163 0.012918871   5.9214821        0.0   May                2       2      3
## 4165 0.028571429   0.0000000        0.0   May                2       2      1
## 4166 0.019047619   0.0000000        0.0   May                2       2      1
## 4167 0.043870968   0.0000000        0.2   May                2       2      1
## 4168 0.175000000   0.0000000        0.4   May                2       2      1
## 4169 0.060000000   0.0000000        0.6   May                1       1      1
## 4170 0.004545455   0.0000000        0.0   May                1       1      2
## 4171 0.200000000   0.0000000        0.8   May                3       2      2
## 4172 0.063636364   0.0000000        0.8   May                2       2      1
## 4173 0.015972222   0.0000000        0.0   May                1       1      1
## 4174 0.020381594   8.0228395        0.6   May                2       2      3
## 4175 0.018140590   0.0000000        0.8   May                3       2      1
## 4176 0.100000000   0.0000000        0.0   May                1       1      1
## 4177 0.192307692   0.0000000        0.8   May                3       2      1
## 4178 0.055555556   0.0000000        0.0   May                3       2      8
## 4179 0.200000000   0.0000000        0.0   May                3       2      1
## 4180 0.022222222   0.0000000        0.0   May                2       4      1
## 4181 0.023297491   6.4026129        0.0   May                2       2      4
## 4182 0.019756839   0.0000000        0.0   May                3       2      7
## 4184 0.005882353  62.0788235        0.0   May                2       2      1
## 4185 0.015151515  48.8640000        0.0   May                2       2      3
## 4186 0.003030303  57.4740000        0.0   May                2       2      5
## 4187 0.200000000   0.0000000        0.0   May                3       2      2
## 4188 0.034154351   0.0000000        0.4   May                2       4      3
## 4189 0.142857143   0.0000000        0.8   May                2       6      6
## 4190 0.018918919   9.5974054        0.6   May                2       2      1
## 4191 0.019263449   0.0000000        0.4   May                1       1      1
## 4192 0.028298931  10.4543768        1.0   May                2       2      1
## 4193 0.032653061   0.0000000        0.0   May                1       1      1
## 4194 0.020659075   2.5249940        0.2   May                2       2      3
## 4195 0.003492063  79.0000000        0.6   May                2       4      4
## 4196 0.040000000   0.0000000        0.0   May                2       4      7
## 4197 0.026666667   0.0000000        0.0   May                2       2      7
## 4198 0.012903226   0.0000000        0.0   May                2       2      8
## 4199 0.025000000   0.0000000        0.6   May                2       2      3
## 4200 0.029411765   0.0000000        0.2   May                2       2      1
## 4201 0.022500000   0.0000000        0.0   May                2       5      6
## 4202 0.084722222   0.0000000        0.0   May                3       2      1
## 4203 0.013383838   0.0000000        0.0   May                3       2      3
## 4204 0.050000000   0.0000000        0.8   May                2       2      4
## 4205 0.028571429   0.0000000        0.0   May                3       2      1
## 4206 0.058333333   0.0000000        0.0   May                2       2      4
## 4207 0.030213239   0.0000000        0.0   May                2       2      2
## 4208 0.011111111   8.6043913        0.0   May                3       3      5
## 4209 0.046666667   0.0000000        0.6   May                3       2      6
## 4210 0.044117647   0.0000000        0.0   May                2       2      1
## 4211 0.050000000   0.0000000        0.0   May                3       2      1
## 4212 0.050000000   0.0000000        0.8   May                2       2      7
## 4213 0.019555556   0.0000000        0.0   May                2       2      3
## 4214 0.111111111   0.0000000        0.0   May                3       2      8
## 4215 0.057142857   0.0000000        0.8   May                2       5      1
## 4216 0.034000000   0.0000000        0.8   May                2       5      2
```

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## 4217 0.031111111  19.3482667        0.0   May                2       2      6
## 4218 0.013636364   0.0000000        0.0   May                2       2      1
## 4219 0.057142857   0.0000000        0.0   May                2       2      1
## 4220 0.024166667   0.0000000        1.0   May                3       2      4
## 4221 0.018461538  13.9967692        0.0   May                2       5      7
## 4222 0.100000000   0.0000000        0.0   May                3       2      4
## 4223 0.005555556  23.3216667        0.0   May                2       2      4
## 4224 0.004761905   0.0000000        0.0   May                2       2      1
## 4225 0.200000000   0.0000000        0.0   May                3       2      9
## 4226 0.025000000   0.0000000        0.0   May                2       2      2
## 4227 0.014673582   3.3828768        0.4   May                2       2      1
## 4228 0.018181818   0.0000000        0.4   May                3       2      1
## 4229 0.024747475   0.0000000        1.0   May                3       3      3
## 4230 0.023180828   2.1724314        0.8   May                1       1      3
## 4231 0.014871795   0.0000000        0.0   May                1       1      4
## 4233 0.010056926  17.0592258        0.8   May                2       2      3
## 4234 0.061538462   0.0000000        0.4   May                2       2      3
## 4235 0.016427739   7.9755000        0.0   May                2       2      1
## 4236 0.016444444   0.0000000        0.8   May                2       2      3
## 4237 0.033333333   0.0000000        0.8   May                2       2      3
## 4238 0.050000000   0.0000000        0.0   May                1       2      2
## 4239 0.025000000   0.0000000        0.0   May                1       1      4
## 4240 0.034338624   0.0000000        0.0   May                2       4      4
## 4241 0.200000000   0.0000000        0.0   May                2      10      3
## 4242 0.023809524   0.0000000        0.6   May                3       2      1
## 4243 0.034615385   0.0000000        0.8   May                2       4      1
## 4244 0.075000000   0.0000000        0.6   May                2       2      3
## 4245 0.032173913   0.0000000        0.0   May                2       5      5
## 4246 0.010869841   8.9265986        0.0   May                2       2      1
## 4247 0.004761905   0.0000000        0.0   May                3       2      2
## 4248 0.021296296  23.6194815        0.0   May                1       1      3
## 4249 0.026619133   0.0000000        0.0   May                3       2      5
## 4250 0.001470588  53.9880000        0.6   May                6       2      9
## 4251 0.016666667   0.0000000        0.2   May                2       2      6
## 4252 0.008000000   0.0000000        0.0   May                2       2      9
## 4253 0.043750000   0.0000000        0.0   May                3       2      1
## 4254 0.008837606   0.0000000        0.0   May                2       2      1
## 4255 0.066666667   0.0000000        0.4   May                2       2      1
## 4256 0.116666667   0.0000000        0.8   May                2       2      5
## 4257 0.083333333   0.0000000        0.2   May                2       2      5
## 4258 0.020052948   0.0000000        0.0   May                3       2      3
## 4259 0.033333333   0.0000000        1.0   May                2       2      6
## 4260 0.012765957  19.2975319        0.6   May                2       2      1
## 4261 0.023074581  16.6702274        0.0   May                2       2      7
## 4262 0.050000000   0.0000000        0.0   May                2       2      7
## 4263 0.012307692   0.0000000        0.0   May                3       2      1
## 4264 0.013341952  12.2741949        0.8   May                3       3      3
## 4265 0.033333333   0.0000000        0.2   May                4       1      1
## 4266 0.043307169   3.2416531        0.6   May                2       2      1
## 4267 0.004761905   0.0000000        0.0   May                1       1      1
## 4268 0.064000000   0.0000000        1.0   May                3       2      1
## 4269 0.030865335   4.7695668        0.6   May                3       2      1
## 4270 0.026587302   0.0000000        0.0   May                2       2      7
## 4271 0.133333333   0.0000000        0.0   May                2       2      3
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## 4272 0.009523810  18.2742857        0.0   May                2       2      1
## 4273 0.032765957   0.0000000        0.0   May                2       2      8
## 4274 0.012903226   0.0000000        0.0   May                2       2      2
## 4275 0.057142857   0.0000000        0.8   May                4       2      1
## 4276 0.038918919   3.0643784        0.0   May                2       2      1
## 4277 0.009523810   0.0000000        0.0   May                1       1      6
## 4278 0.011111111  25.1090000        0.0   May                3       2      1
## 4279 0.016642012  10.1136090        0.0   May                2       2      3
## 4280 0.045192308  20.3796497        0.0   May                1       1      1
## 4281 0.020000000   0.0000000        0.0   May                2       2      6
## 4282 0.044444444   0.0000000        0.0   May                2       2      1
## 4283 0.018181818  50.3880000        0.0   May                1       1      1
## 4284 0.005128205   0.0000000        0.4   May                2       2      9
## 4285 0.022222222   0.0000000        0.0   May                2      10      3
## 4286 0.018421053   6.8121053        0.0   May                2       4      2
## 4287 0.010416667   0.0000000        0.0   May                2       4      7
## 4288 0.050000000   0.0000000        0.0   May                2       5      3
## 4289 0.100000000   0.0000000        0.0   May                2       2      3
## 4290 0.066666667   0.0000000        0.0   May                2       2      1
## 4291 0.026666667   0.0000000        0.0   May                2       6      6
## 4292 0.200000000   0.0000000        0.8   May                3       2      3
## 4293 0.108333333   0.0000000        0.0   May                3       2      6
## 4294 0.004347826  72.3020870        0.0   May                2       2      1
## 4295 0.115789474   0.0000000        0.8   May                2       2      2
## 4296 0.017105263   0.0000000        0.0   May                1       1      3
## 4297 0.051190476   0.0000000        0.0   May                2       2      1
## 4298 0.036507937   0.0000000        0.6   May                2       2      3
## 4299 0.177777778   0.0000000        0.0   May                2       2      2
## 4300 0.011662763   8.1840951        0.0   May                3       2      1
## 4301 0.018181818   0.0000000        0.0   May                2       2      6
## 4302 0.009109731   0.0000000        0.0   May                2      10      4
## 4303 0.021288981  27.7417716        0.0   May                2       5      3
## 4304 0.020000000  55.8486000        0.0   May                2       2      1
## 4305 0.030769231   0.0000000        1.0   May                3       2      3
## 4306 0.014000000   0.0000000        0.8   May                3       2      1
## 4307 0.045986395   0.0000000        0.0   May                1       1      6
## 4308 0.011764706  39.1860000        0.0   May                2       2      3
## 4309 0.009090909  17.8080000        0.0   May                2       2      8
## 4310 0.096000000   0.0000000        1.0   May                3       2      3
## 4311 0.042857143   0.0000000        1.0   May                2       2      3
## 4312 0.111111111   0.0000000        0.8   May                2       2      6
## 4313 0.030769231   0.0000000        0.0   May                2       2      6
## 4314 0.066666667  22.8963636        0.0   May                2       2      1
## 4315 0.066666667   0.0000000        0.0   May                2       2      2
## 4316 0.022222222   0.0000000        0.0   May                3       2      2
## 4317 0.010732401   3.3581333        0.0   May                1       1      3
## 4318 0.055555556  15.1841250        0.6   May                2       2      4
## 4319 0.024285714   7.6093714        0.2   May                2       2      6
## 4320 0.079573935   0.0000000        0.6   May                2       2      3
## 4321 0.030769231   0.0000000        0.0   May                1       1      1
## 4322 0.013153595   0.0000000        0.2   May                1       1      1
## 4323 0.040000000   0.0000000        0.0   May                1       1      3
## 4324 0.031250000   0.0000000        0.0   May                1       1      8
## 4325 0.016666667   0.0000000        0.4   May                2       2      1
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## 4326 0.019047619   0.0000000        0.0   May                2       4      8
## 4327 0.032017551  16.1633333        0.0   May                2       2      2
## 4328 0.024444444   0.0000000        0.0   May                1       1      1
## 4329 0.200000000   0.0000000        0.0   May                3       2      6
## 4330 0.007272727  13.1114545        0.0   May                2       2      5
## 4331 0.100000000   0.0000000        0.8   May                2       4      1
## 4332 0.032132434   0.0000000        0.8   May                2       2      6
## 4333 0.004545455  16.5390909        0.0   May                2       2      4
## 4334 0.028888889   0.0000000        0.6   May                2       2      7
## 4335 0.100000000   0.0000000        0.0   May                2       2      3
## 4336 0.100000000   0.0000000        0.0   May                2       2      2
## 4337 0.033333333   0.0000000        0.0   May                2       2      4
## 4338 0.025000000   0.0000000        0.8   May                1       1      4
## 4339 0.074000000   0.0000000        0.2   May                1       8      1
## 4340 0.002941176  68.3760000        0.0   May                1       1      5
## 4341 0.036923077   0.0000000        0.2   May                2       2      1
## 4342 0.018707483  13.5306837        0.0   May                2       2      7
## 4343 0.100000000   0.0000000        0.0   May                2       4      3
## 4345 0.060000000   0.0000000        1.0   May                1       2      9
## 4346 0.025000000   0.0000000        0.0   May                2       2      1
## 4347 0.022377452   9.8498165        0.0   May                2       4      3
## 4348 0.043750000   0.0000000        0.0   May                2       2      1
## 4349 0.011111111   0.0000000        0.0   May                3       3      4
## 4350 0.160000000   0.0000000        0.6   May                2       2      1
## 4351 0.015384615   0.0000000        0.0   May                2       2      1
## 4352 0.066666667   0.0000000        0.0   May                1       2      3
## 4353 0.015135135   8.8975946        0.0   May                2       2      3
## 4354 0.015180847   8.0526167        0.0   May                2       2      1
## 4355 0.007539683   0.0000000        0.0   May                2       2      7
## 4356 0.012500000   0.0000000        0.0   May                2       5      1
## 4357 0.200000000   0.0000000        0.0   May                2       5      2
## 4358 0.033333333   0.0000000        0.0   May                1       1      1
## 4359 0.023522862  54.0752411        0.0   May                4       2      3
## 4360 0.018193939  21.7647505        0.0   May                2       2      1
## 4361 0.009090909  54.9703636        0.0   May                2       2      4
## 4362 0.023492063   0.0000000        0.0   May                3       2      7
## 4363 0.002898551   0.0000000        0.0   May                3       2      1
## 4364 0.044444444   0.0000000        0.6   May                1       1      1
## 4365 0.097619048   0.0000000        0.8   May                3       2      3
## 4366 0.200000000   0.0000000        0.0   May                3       3      1
## 4367 0.066666667   0.0000000        0.0   May                1       1      1
## 4368 0.012500000   0.0000000        0.0   May                4       1      1
## 4369 0.020000000   0.0000000        0.0   May                1       2      3
## 4370 0.121568627   0.0000000        0.6   May                2       2      1
## 4371 0.028508772   7.1534211        0.0   May                2       2      1
## 4372 0.010526316   0.0000000        0.0   May                3       2      3
## 4373 0.016394300   8.0690277        0.0   May                2       2      2
## 4374 0.019230769   0.0000000        0.6   May                2       5      4
## 4376 0.030621469   9.1029374        0.0   May                2       2      1
## 4377 0.140000000   0.0000000        0.6   May                1       1      6
## 4378 0.150000000   0.0000000        0.2   May                3       3      2
## 4379 0.022907353   0.0000000        0.6   May                2       2      3
## 4380 0.003703704   0.0000000        0.0   May                2       2      3
## 4381 0.015000000   0.0000000        0.0   May                1       1      3
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## 4382 0.038802798   2.4833898        0.2   May                2       2      3
## 4383 0.018181818   0.0000000        0.0   May                4       2      1
## 4384 0.012000000   0.0000000        0.0   May                2       2      9
## 4385 0.001158605   0.0000000        0.0   May                2       2      7
## 4386 0.066666667   0.0000000        0.0   May                2       5      6
## 4387 0.035555556   0.0000000        0.2   May                3       2      1
## 4388 0.052631579   0.0000000        0.0   May                2       2      3
## 4389 0.019682540   0.0000000        0.0   May                3       2      3
## 4390 0.013793103   0.0000000        0.2   May                2       2      1
## 4391 0.100000000   0.0000000        0.0   May                3       2      3
## 4392 0.008333333   0.0000000        0.0   May                2       2      4
## 4393 0.023529412  28.5278823        0.0   May                3       7      3
## 4394 0.003216374   0.0000000        0.0   May                3       2      1
## 4395 0.100000000   0.0000000        0.8   May                2       2      1
## 4396 0.038095238   0.0000000        0.6   May                2       4      1
## 4397 0.044444444  26.6577778        0.0   May                2       5      3
## 4398 0.038277778   0.0000000        0.0   May                2       2      8
## 4399 0.018264209   0.0000000        0.0   May                1       2      1
## 4400 0.200000000   0.0000000        0.0   May                2       2      8
## 4401 0.011111111  18.8440000        0.0   May                2       2      3
## 4402 0.023480903   0.0000000        0.6   May                2       2      7
## 4403 0.023529412   0.0000000        0.2   May                1       1      1
## 4405 0.010000000   0.0000000        1.0   May                2       2      1
## 4406 0.200000000   0.0000000        1.0   May                1       1      1
## 4407 0.002857143   0.0000000        0.0   May                3       2      1
## 4408 0.077192982   6.6249474        0.6   May                3       2      2
## 4409 0.009523810   0.0000000        0.0   May                2       5      3
## 4410 0.100000000   0.0000000        0.2   May                3       2      2
## 4411 0.080437158   0.0000000        1.0   May                3       2      3
## 4412 0.020105820   0.0000000        0.0   May                2       2      9
## 4413 0.001169591   0.0000000        0.0   May                1       2      4
## 4414 0.005000000   0.0000000        0.0   May                2       4      1
## 4415 0.027681159   0.0000000        0.6   May                1       1      3
## 4416 0.100000000   0.0000000        0.0   May                3       2      1
## 4417 0.023076923   0.0000000        1.0   May                1       1      1
## 4418 0.020000000   0.0000000        0.0   May                3       5      1
## 4419 0.008333333   0.0000000        0.0   May                2       2      1
## 4420 0.017133956  16.9404673        0.6   May                2       2      1
## 4421 0.046666667   0.0000000        0.6   May                3       2      1
## 4422 0.018888889   0.0000000        0.8   May                3       2      1
## 4423 0.039506173   0.0000000        0.6   May                2       2      7
## 4424 0.030341880   0.0000000        0.2   May                3       2      2
## 4425 0.042694343   0.0000000        0.0   May                3       2      1
## 4426 0.078431373   0.0000000        0.0   May                3       3      8
## 4428 0.022222222   0.0000000        0.2   May                3       2      8
## 4429 0.034586466   0.0000000        0.0   May                3       2      2
## 4430 0.033333333   0.0000000        0.0   May                3       2      2
## 4431 0.005729167   0.0000000        0.0   May                2       2      8
## 4432 0.015714286  59.9677714        0.2   May                1       1      4
## 4433 0.051282051   0.0000000        0.4   May                3       2      1
## 4434 0.023232323  14.7370909        0.2   May                2       2      4
## 4435 0.030510511   7.9415315        0.0   May                2       2      1
## 4436 0.012244898   5.1377143        0.0   May                4       1      4
## 4437 0.050000000  63.8910000        0.0   May                3       2      4
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## 4438 0.018048780   6.5300488        0.0   May                2       2      1
## 4439 0.009090909   0.0000000        0.4   May                2       2      4
## 4440 0.047619048  10.6251429        0.6   May                2       2      1
## 4441 0.077777778   0.0000000        0.0   May                1       1      1
## 4442 0.039074074   0.0000000        0.0   May                2       2      4
## 4443 0.012500000   9.7402500        0.0   May                1       1      3
## 4444 0.009733401   8.8684490        0.0   May                2       5      3
## 4445 0.024666667  13.6749333        0.0   May                3       6      4
## 4446 0.042222222   0.0000000        0.8   May                1       1      1
## 4447 0.018087558  12.5991023        0.0   May                2       1      1
## 4448 0.028571429  26.9800000        0.0   May                2       4      3
## 4449 0.035555556   0.0000000        0.0   May                2       4      1
## 4450 0.017809524   3.9980000        0.6   May                3       2      4
## 4451 0.069736842  12.1521053        0.0   May                3       2      4
## 4452 0.043386243   0.0000000        0.0   May                1       1      1
## 4453 0.042105263   0.0000000        0.8   May                2       2      4
## 4454 0.005714286   0.0000000        0.0   May                3       2      3
## 4455 0.030000000   0.0000000        0.6   May                2       2      4
## 4456 0.066666667   0.0000000        0.0   May                4       1      1
## 4457 0.025000000   0.0000000        0.0   May                2       2      9
## 4458 0.200000000   0.0000000        0.8   May                2       4      1
## 4459 0.033333333  55.4850000        0.0   May                2       4      4
## 4460 0.028888889   0.0000000        0.6   May                2       2      1
## 4461 0.013333333   0.0000000        0.0   May                4       2      2
## 4462 0.200000000   0.0000000        0.0   May                1       2      1
## 4463 0.067323481   0.0000000        0.6   May                2       2      1
## 4465 0.045365079   0.0000000        0.8   May                2      10      2
## 4466 0.027777778  38.2094074        0.0   May                2       5      3
## 4467 0.021846847   5.6772865        0.4   May                2       5      2
## 4468 0.035897436   0.0000000        0.0   May                1       1      1
## 4469 0.200000000   0.0000000        0.0   May                2       5      1
## 4470 0.035937500   0.0000000        0.0   May                2       2      4
## 4471 0.040000000   0.0000000        0.0   May                3       2      3
## 4472 0.026666667   0.0000000        0.0   May                2       2      6
## 4473 0.051538462   0.0000000        0.0   May                3       2      3
## 4474 0.005555556   0.0000000        0.0   May                3       2      3
## 4475 0.010000000   0.0000000        0.0   May                2       5      2
## 4476 0.026383333   4.5476000        0.0   May                4       1      1
## 4477 0.036666667   0.0000000        0.6   May                2       2      3
## 4478 0.072222222   0.0000000        0.6   May                3       2      4
## 4479 0.025000000   0.0000000        0.0   May                3       2      1
## 4480 0.045833333   5.2447500        0.4   May                2       2      1
## 4481 0.108333333   0.0000000        0.6   May                2       2      1
## 4482 0.015384615   0.0000000        0.0   May                3       2      1
## 4483 0.050000000   0.0000000        0.8   May                2       2      6
## 4484 0.018742138   0.0000000        0.0   May                3       2      1
## 4485 0.040000000   0.0000000        0.0   May                1       1      3
## 4486 0.010714286   9.8651250        0.0   May                2       2      4
## 4487 0.040000000   0.0000000        0.0   May                2       2      4
## 4488 0.044444444   0.0000000        0.2   May                2       2      7
## 4489 0.008695652  43.8104348        0.0   May                2       2      2
## 4491 0.028330849   0.0000000        0.0   May                2       2      9
## 4492 0.018181818   0.0000000        0.0   May                2       5      9
## 4493 0.070000000   0.0000000        0.8   May                1       8      3
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## 4494 0.026086957  69.2786087        0.0   May                2       2      1
## 4495 0.100000000   0.0000000        0.8   May                2       2      3
## 4496 0.010000000   0.0000000        0.0   May                2       2      1
## 4497 0.008024691  42.5033333        0.0   May                2       2      9
## 4498 0.200000000   0.0000000        0.0   May                1       8      2
## 4499 0.040000000   0.0000000        0.0   May                2       4      3
## 4500 0.100000000   0.0000000        0.2   May                3       2      3
## 4501 0.021250000   0.0000000        0.0   May                2       4      3
## 4502 0.006666667   0.0000000        0.0   May                2       6      1
## 4503 0.024548440   0.0000000        0.0   May                2       2      1
## 4504 0.050000000   0.0000000        0.4   May                2       2      6
## 4505 0.048148148  15.9468000        0.0   May                1       1      3
## 4506 0.017346939   0.0000000        0.0   May                1       2      3
## 4507 0.018750000   0.0000000        0.4   May                3       2      3
## 4508 0.200000000   0.0000000        0.0   May                2       5      6
## 4509 0.022727273   0.0000000        0.0   May                2       2      3
## 4510 0.038292564   8.5082375        0.0   May                2       2      3
## 4511 0.026666667  32.1908000        0.0   May                2       4      1
## 4512 0.043333333   0.0000000        0.0   May                2       2      9
## 4513 0.120000000   0.0000000        0.6   May                2       2      6
## 4514 0.022222222   0.0000000        0.0   May                2       2      7
## 4515 0.006250000   0.0000000        0.0   May                2       2      2
## 4516 0.017096460   5.7100613        0.0   May                2       2      3
## 4517 0.033717640   1.9141750        0.2   May                2       2      3
## 4518 0.054545455   0.0000000        0.0   May                2       2      2
## 4519 0.020740741   0.0000000        0.6   May                3       2      3
## 4520 0.023076923  31.2200000        0.0   May                3       2      8
## 4521 0.035693651   5.1851651        0.8   May                3       2      3
## 4522 0.006584897   1.0337640        0.0   May                2       2      3
## 4523 0.050000000   0.0000000        0.0   May                1       1      3
## 4524 0.012500000  24.7387500        0.0   May                2       2      5
## 4525 0.200000000   0.0000000        0.0   May                4       2      1
## 4526 0.200000000   0.0000000        0.4   May                1       1      7
## 4527 0.020000000   0.0000000        0.6   May                2       4      1
## 4528 0.083730159   0.0000000        1.0   May                2       2      1
## 4529 0.013178295   0.0000000        0.0   May                2       2      2
## 4530 0.010000000  91.2460000        0.0   May                2       4      1
## 4531 0.077843137   0.0000000        0.0   May                3       2      6
## 4532 0.022222222   0.0000000        1.0   May                6       2      3
## 4533 0.008461558  16.4842105        0.0   May                2       2      6
## 4534 0.033333333   0.0000000        0.6   May                2       2      1
## 4535 0.025000000   0.0000000        0.0   May                2       2      1
## 4536 0.075000000   0.0000000        0.0   May                3       2      6
## 4537 0.014814815   9.9916667        0.0   May                3       2      2
## 4538 0.200000000   0.0000000        0.0   May                4       2      3
## 4539 0.036666667   0.0000000        0.0   May                2       2      1
## 4540 0.003846154   0.0000000        0.0   May                2       6      1
## 4541 0.010310363   8.2565724        0.0   May                2      10      3
## 4542 0.016052227   0.0000000        0.8   May                2       5      1
## 4543 0.013333333   0.0000000        0.0   May                1       1      8
## 4544 0.050000000   0.0000000        0.0   May                2       2      1
## 4545 0.019676875   0.0000000        0.4   May                2       5      2
## 4546 0.038461538   0.0000000        0.2   May                2       2      3
## 4547 0.012121212  47.2606061        0.0   May                2       2      4
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## 4548 0.016666667   0.0000000        0.8   May                2       2      3
## 4549 0.008333333  35.9800000        0.0   May                2       5      3
## 4550 0.026500000   0.0000000        0.0   May                2       5      1
## 4551 0.078938839   0.0000000        0.6   May                1       1      1
## 4552 0.017391304   0.0000000        0.0   May                2       2      1
## 4554 0.044444444   0.0000000        0.8   May                4       2      1
## 4555 0.028371212   0.0000000        0.0   May                3       2      3
## 4556 0.028376068   2.5615385        0.0   May                2       6      1
## 4557 0.017027417   0.0000000        0.0   May                2       2      1
## 4558 0.050000000   0.0000000        0.0   May                1       1      3
## 4559 0.004353234  49.3927164        0.0   May                4       5      3
## 4560 0.046264368   0.0000000        0.4   May                2       6      3
## 4561 0.007885305  11.4781290        0.0   May                2       2      4
## 4562 0.070000000   0.0000000        0.0   May                1       1      2
## 4563 0.071645022   0.0000000        0.0   May                3       2      1
## 4564 0.033333333   0.0000000        0.0   May                1       1      2
## 4565 0.025000000  17.5410000        1.0   May                2       2      2
## 4566 0.020000000   0.0000000        0.0   May                3       2      4
## 4567 0.008727273   0.0000000        0.0   May                2      10      1
## 4568 0.035714286   0.0000000        0.0   May                3       2      2
## 4569 0.031113658   0.0000000        0.0   May                3       2      1
## 4570 0.144444444   0.0000000        0.2   May                2       4      6
## 4571 0.011111111   0.0000000        0.0   May                1       8      9
## 4572 0.010000000   0.0000000        0.4   May                1       1      8
## 4573 0.044444444   0.0000000        0.0   May                2       2      8
## 4574 0.008035714  64.4618571        0.0   May                1       1      4
## 4575 0.021153846   0.0000000        0.0   May                3       2      8
## 4576 0.076190476   0.0000000        0.0   May                3       2      1
## 4577 0.022514620  12.1316199        0.0   May                4       1      6
## 4578 0.024642375   0.0000000        0.0   May                2       4      1
## 4579 0.055000000   0.0000000        0.0   May                3       2      6
## 4580 0.026086957   0.0000000        0.0   May                2       2      6
## 4581 0.005185185   0.0000000        0.0   May                2       2      1
## 4582 0.060000000   0.0000000        0.4   May                3       2      3
## 4583 0.033333333   0.0000000        0.0   May                2       2      2
## 4584 0.100000000   0.0000000        0.0   May                3       2      4
## 4585 0.011488014   0.0000000        0.0   May                2       4      4
## 4586 0.011764706   0.0000000        0.6   May                1       1      1
## 4587 0.031746032   0.0000000        0.0   May                2       6      2
## 4588 0.020000000   0.0000000        0.0   May                3       2      1
## 4589 0.030000000   0.0000000        0.0   May                1       1      4
## 4590 0.050000000   0.0000000        0.0   May                2       2      2
## 4591 0.046666667   0.0000000        0.0   May                1       1      3
## 4592 0.033064516  15.6580839        0.0   May                1       1      1
## 4593 0.003508772   0.0000000        0.0   May                2       2      6
## 4594 0.001923077   0.0000000        0.0   May                2       2      3
## 4595 0.025141026   0.0000000        0.0   May                3       2      8
## 4596 0.040000000   0.0000000        0.0   May                1       1      1
## 4597 0.062500000   0.0000000        0.0   May                2       2      1
## 4598 0.023148148   0.0000000        0.8   May                2       2      2
## 4599 0.012631579  16.1005263        0.0   May                2       2      2
## 4600 0.033333333   0.0000000        0.8   May                2       4      1
## 4601 0.007692308   0.0000000        0.0   May                2       2      7
## 4602 0.028059163   6.2210455        0.0   May                2       5      3
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## 4603 0.033333333   0.0000000        0.0   May                2       2      5
## 4604 0.002380952   0.0000000        0.0   May                3       2      3
## 4605 0.029227053   0.0000000        0.6   May                2      10      9
## 4606 0.016666667   0.0000000        0.6   May                2       4      2
## 4607 0.022611111   7.9980000        0.8   May                2       2      7
## 4608 0.200000000   0.0000000        0.2   May                1       2      3
## 4609 0.027777778   0.0000000        0.0   May                2       5      2
## 4610 0.042121212   0.0000000        0.0   May                3       2      6
## 4611 0.071428571   0.0000000        0.0   May                2       2      3
## 4612 0.026666667   0.0000000        0.0   May                2       2      3
## 4613 0.014074074   0.0000000        0.6   May                2       2      1
## 4614 0.022222222   0.0000000        0.2   May                3       2      1
## 4615 0.033333333   0.0000000        0.0   May                1       1      2
## 4616 0.039827675   0.0000000        1.0   May                2       2      4
## 4617 0.021383053   5.1594622        0.8   May                2       2      7
## 4618 0.030555556  26.9850000        0.0   May                2       2      1
## 4619 0.011134752   0.0000000        0.6   May                2       2      3
## 4620 0.150000000   0.0000000        0.2   May                2       2      3
## 4621 0.088888889   0.0000000        0.0   May                2       2      9
## 4622 0.014912281  38.2035790        0.0   May                2       2      1
## 4623 0.039824561  26.5455000        0.0   May                3       2      1
## 4624 0.028571429  54.9800000        1.0   May                2       2      3
## 4625 0.029239766   0.0000000        0.6   May                1       2      1
## 4626 0.171428571   0.0000000        0.0   May                2       2      2
## 4627 0.046666667   0.0000000        0.8   May                2       2      2
## 4628 0.043939394   0.0000000        0.6   May                2       2      2
## 4629 0.034375000   0.0000000        0.0   May                1       1      2
## 4630 0.022134495   3.9841107        0.0   May                2       2      1
## 4631 0.017857143   5.7980000        0.0   May                2       2      1
## 4632 0.100000000   0.0000000        0.0   May                2       4      9
## 4633 0.020454545   5.9031818        0.0   May                2       2      5
## 4634 0.010000000   0.0000000        0.0   May                2       2      5
## 4635 0.050000000   0.0000000        0.0   May                2       4      4
## 4636 0.071428571   0.0000000        1.0   May                3       2      2
## 4637 0.150000000   0.0000000        0.6   May                1       1      3
## 4638 0.021690178   3.0767069        0.8   May                3       2      1
## 4639 0.111764706   0.0000000        0.6   May                2       2      1
## 4640 0.036363636   0.0000000        1.0   May                3       2      2
## 4641 0.133333333   0.0000000        0.0   May                2       2      2
## 4642 0.012500000  58.1056250        0.0   May                1       1      3
## 4643 0.011497494  64.0812632        0.0   May                2       2      2
## 4644 0.011111111   0.0000000        0.0   May                3       2      6
## 4645 0.050000000   0.0000000        0.0   May                2       4      3
## 4646 0.001388889   0.0000000        0.0   May                2       4      1
## 4647 0.024603175   0.0000000        0.0   May                2       2      2
## 4648 0.003296703   0.0000000        0.0   May                1       2      7
## 4649 0.040000000   0.0000000        0.0   May                2       4      7
## 4650 0.073333333   0.0000000        0.0   May                1       1      3
## 4651 0.054166667   0.0000000        1.0   May                3       2      6
## 4652 0.036774359  53.2226867        0.4   May                2       2      2
## 4653 0.011111111   0.0000000        0.0   May                1       1      1
## 4654 0.012500000   0.0000000        0.8   May                3       2      1
## 4655 0.047740113   7.7267797        0.4   May                2       2      3
## 4656 0.010385835   8.4956512        0.0   May                3       2      3
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## 4657 0.023809524  12.5976667        0.0   May                 4       1       1
## 4658 0.001081081  33.8477838        0.0   May                 3       2       7
## 4659 0.010139398   1.9124222        0.0   May                 4       2       3
## 4660 0.008333333  23.9880000        0.0   May                 2       2       6
## 4661 0.100000000   0.0000000        0.8   May                 2       2       1
## 4662 0.133333333   0.0000000        0.0   May                 3       3       1
## 4663 0.044444444   0.0000000        0.6   May                 2       2       3
## 4664 0.028571429   0.0000000        0.0   May                 1       2       3
## 4665 0.033122363   5.7829882        0.4   May                 2       2       1
## 4666 0.038541667   0.0000000        0.0   May                 3       2       3
## 4667 0.058333333   0.0000000        1.0   May                 2       5       7
## 4668 0.037500000   0.0000000        0.0   May                 3       2       1
## 4669 0.006666667   0.0000000        0.0   May                 2       2       5
## 4670 0.066666667   0.0000000        0.6   May                 2       2       5
## 4671 0.021453423  11.2842750        0.0   May                 3       2       1
## 4672 0.041666667   0.0000000        0.0   May                 2       2       6
## 4673 0.112903226   0.0000000        0.8   May                 2       2       3
## 4674 0.106206897   0.0000000        0.8   May                 3       2       5
## 4675 0.010098420   1.5583814        1.0   May                 2       2       1
## 4676 0.036363636   0.0000000        0.0   May                 4       1       9
## 4677 0.008333333   0.0000000        0.6   May                 2       2       4
## 4678 0.019298246   0.0000000        0.0   May                 2       2       1
## 4679 0.012500000   0.0000000        0.0   May                 1       1       1
## 4680 0.023529412  27.6640000        0.6   May                 2       2       2
## 4681 0.029112554   0.0000000        0.0   May                 3       2       1
## 4682 0.011252929   1.5348360        0.0   May                 2       2       2
## 4683 0.013672300   0.0000000        0.0   May                 3       2       4
## 4684 0.016666667   0.0000000        0.0   May                 2       2       1
## 4685 0.014203612   0.0000000        0.6   May                 2       2       1
## 4686 0.080000000   0.0000000        0.0   May                 3       2       1
## 4687 0.023157895   0.0000000        0.0   May                 2       2       3
## 4688 0.010526316   0.0000000        0.0   May                 2       2       1
## 4689 0.019696970   0.0000000        0.8   May                 2       2       4
## 4690 0.008333333   0.0000000        0.0   May                 2       2       6
## 4691 0.100000000   0.0000000        0.0   May                 2       2       3
## 4692 0.068750000   0.0000000        0.0   May                 2       2       2
## 4693 0.200000000   0.0000000        0.6   May                 2       2       6
## 4694 0.028052083   0.0000000        0.8   May                 2       2       1
## 4695 0.030769231  32.4373846        0.0   May                 1       1       3
## 4696 0.101042228   0.0000000        0.4   May                 2       2       1
## 4697 0.015686275   0.0000000        0.0   May                 2       6       9
## 4698 0.023763441  10.1700276        0.2   May                 3       2       1
## 4699 0.027790788   0.0000000        0.0   May                 2       2       3
## 4700 0.026086957   0.0000000        0.8   May                 3       2       2
## 4701 0.013739852  24.0264549        0.0   May                 3       2       9
## 4702 0.014285714   0.0000000        0.0   May                 2       2       3
## 4703 0.014390244  33.9251122        0.0   May                 4       1       3
## 4704 0.023611111   0.0000000        0.6   May                 3       2       3
## 4705 0.003703704   0.0000000        0.0   May                 2       2       3
## 4706 0.036607143   0.0000000        0.0   May                 2       2       2
## 4707 0.012878788  20.8881818        1.0   May                 3       2       1
## 4708 0.011965812  22.2040171        0.0   May                 2       4       3
## 4709 0.040000000   0.0000000        0.0   May                 3       3       1
## 4710 0.031730769   0.0000000        0.0   May                 2       2       3
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## 4711 0.003632479   0.0000000        0.0   May                3       2       6
## 4712 0.041666667   0.0000000        0.8   May                2       2       2
## 4713 0.066666667   0.0000000        1.0   May                3       2       1
## 4714 0.024416667   0.0000000        0.8   May                2       4       5
## 4715 0.021312784   0.0000000        0.4   May                3       2       3
## 4716 0.045833333   0.0000000        0.0   May                2       2       1
## 4717 0.004444444   0.0000000        0.0   May                2       2       4
## 4718 0.047619048   0.0000000        0.0   May                1       1       4
## 4719 0.033684211   0.0000000        0.8   May                2       2       2
## 4720 0.022177156   0.0000000        0.4   May                2       6       1
## 4721 0.048622222   0.0000000        0.8   May                2       2       1
## 4722 0.050000000   0.0000000        0.4   May                2       5       9
## 4723 0.061538462   0.0000000        0.6   May                2       5       9
## 4724 0.100000000   0.0000000        0.0   May                2      10       1
## 4725 0.020000000   0.0000000        0.8   May                1       1       7
## 4726 0.025634921   0.0000000        0.0   May                3       2       1
## 4727 0.085714286   0.0000000        0.6   May                2       2       2
## 4728 0.015384615   0.0000000        0.0   May                2       2       9
## 4729 0.022222222   0.0000000        0.0   May                1       1       8
## 4730 0.093333333   0.0000000        0.0   May                2       4       1
## 4731 0.030769231   0.0000000        0.4   May                2       2       5
## 4732 0.020833333   0.0000000        0.6   May                2       5       1
## 4733 0.012500000   0.0000000        0.0   May                1       1       6
## 4734 0.020000000   0.0000000        0.0   May                2       5       6
## 4735 0.108333333   0.0000000        0.0   May                3       2       1
## 4736 0.166666667   0.0000000        0.8   May                2       2       7
## 4737 0.072727273   0.0000000        0.6   May                1       1       1
## 4738 0.160000000   0.0000000        0.6   May                2       4       2
## 4739 0.075000000   0.0000000        1.0   May                1       1       1
## 4740 0.047619048   0.0000000        0.0   May                2       4       1
## 4741 0.006666667   0.0000000        0.0   May                1       2       1
## 4742 0.075000000   0.0000000        0.0   May                3       2       3
## 4743 0.042922078   3.2295182        1.0   May                2       2       6
## 4744 0.106666667   0.0000000        0.2   May                2       2       2
## 4745 0.039361702   0.0000000        0.0   May                2       2       3
## 4746 0.016666667   0.0000000        0.4   May                3       2       7
## 4747 0.004747475  12.6154343        0.0   May                2       2       5
## 4748 0.001282051   0.0000000        0.0   May                3       2       8
## 4749 0.034895833   0.0000000        0.6   May                1       1       1
## 4750 0.030083333   0.0000000        0.0   May                2       2       3
## 4751 0.030434783  27.8191304        0.0   May                1       1       3
## 4752 0.026731602  15.0258377        0.0   May                3       2       3
## 4753 0.029487179   0.0000000        0.0   May                1       1       4
## 4754 0.030769231   0.0000000        0.0   May                4       5       1
## 4755 0.040000000   0.0000000        0.0   May                1       8       1
## 4756 0.012500000   0.0000000        0.0   May                2       5       1
## 4757 0.108333333   0.0000000        0.0   May                1       1       3
## 4758 0.120000000   0.0000000        0.6   May                2       2       1
## 4759 0.026388889   8.4525000        0.0   May                1       1       1
## 4760 0.050000000   0.0000000        0.0   May                2       2       1
## 4761 0.030000000   0.0000000        0.0   May                1       1       6
## 4762 0.014285714  23.1300000        0.0   May                2       2       1
## 4763 0.033333333   0.0000000        0.0   May                2       2       6
## 4764 0.019786325   6.7830000        0.0   May                2       4       5
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## 4765 0.017351598  11.8290411        0.8   May                2       2      1
## 4766 0.034615385   0.0000000        0.6   May                2       2      1
## 4767 0.067530864   0.0000000        0.0   May                3       2      2
## 4768 0.062500000   0.0000000        0.0   May                3       2      4
## 4769 0.017647059   0.0000000        0.8   May                2       2      1
## 4770 0.015432099   6.0767346        0.0   May                1       1      1
## 4771 0.005555556   0.0000000        0.0   May                3       2      6
## 4772 0.020000000   0.0000000        0.0   May                3       2      4
## 4773 0.094444444   0.0000000        0.0   May                1       1      1
## 4774 0.050000000   0.0000000        0.0   May                2       2      7
## 4775 0.011728395  19.1105000        0.0   May                2       2      4
## 4776 0.010344828   0.0000000        0.0   May                2       2      1
## 4777 0.025000000  23.2350000        0.0   May                1       1      1
## 4778 0.060877193   0.0000000        0.6   May                2       2      1
## 4779 0.027115142   0.0000000        0.6   May                2       5      2
## 4780 0.100000000   0.0000000        0.0   May                2       2      1
## 4781 0.032738095  22.9353107        0.6   May                1       1      1
## 4782 0.019559500   0.0000000        0.0   May                2       2      3
## 4783 0.050000000   0.0000000        0.0   May                2       4      3
## 4784 0.037130178   0.0000000        0.8   May                2       4      3
## 4785 0.028888889   4.1976000        0.0   May                2       2      8
## 4786 0.133333333   0.0000000        0.0   May                2       2      3
## 4787 0.005379499   0.9028357        0.0   May                2       2      3
## 4788 0.022222222   0.0000000        0.0   May                2       2      1
## 4789 0.023773007   0.0000000        1.0   May                3       2      2
## 4790 0.033333333   0.0000000        0.6   May                2       5      3
## 4791 0.022222222  36.2560000        0.4   May                2       2      5
## 4792 0.007407407   9.0653333        0.0   May                1      10      1
## 4793 0.050000000   0.0000000        0.8   May                2       2      5
## 4794 0.008064516  84.3066384        0.0   May                2       2      2
## 4795 0.014285714   0.0000000        0.6   May                2       2      2
## 4796 0.008484848   0.0000000        0.0   May                1       1      4
## 4797 0.045454545   0.0000000        0.0   May                2       2      4
## 4798 0.072222222   0.0000000        0.0   May                3       2      3
## 4799 0.012500000   0.0000000        0.0   May                2       6      3
## 4800 0.200000000   0.0000000        0.0   May                3       2      5
## 4801 0.010526316  28.0345263        0.2   May                2       2      2
## 4802 0.046071429   0.0000000        0.0   May                2       2      2
## 4803 0.020880682   0.0000000        0.0   May                3       2      5
## 4804 0.052318841   0.0000000        0.8   May                3       2      2
## 4805 0.075000000   0.0000000        0.0   May                3       2      3
## 4806 0.040000000   0.0000000        0.0   May                2       4      1
## 4807 0.100000000   0.0000000        0.0   May                2       2      7
## 4808 0.010691824   0.0000000        0.0   May                3       2      3
## 4809 0.020000000  24.2865000        0.0   May                2       5      5
## 4810 0.004347826   0.0000000        0.0   May                2       2      7
## 4811 0.020000000   0.0000000        0.0   May                2       2      2
## 4812 0.122222222   0.0000000        0.4   May                3       2      1
## 4813 0.066666667   0.0000000        0.0   May                3       2      3
## 4814 0.015384615   0.0000000        0.0   May                3       2      2
## 4815 0.106000000   0.0000000        1.0   May                2       2      1
## 4816 0.055555556   0.0000000        0.0   May                3       2      4
## 4817 0.012318841  17.1907391        0.0   May                3       2      1
## 4819 0.100000000   0.0000000        0.2   May                2       2      3
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## 4820 0.040000000   0.0000000        0.6   May                2       2      5
## 4821 0.020329446  15.2503375        0.6   May                2       2      3
## 4822 0.010682540  16.7842023        0.0   May                3       2      5
## 4823 0.022222222   0.0000000        1.0   May                2       2      4
## 4824 0.025000000   0.0000000        0.0   May                2       2      1
## 4825 0.060000000   0.0000000        0.0   May                1       1      2
## 4826 0.049230769   0.0000000        0.0   May                2       2      1
## 4827 0.025000000   0.0000000        0.0   May                2       2      1
## 4828 0.015384615   0.0000000        0.0   May                1       1      3
## 4829 0.024380952   0.0000000        0.8   May                2       2      7
## 4830 0.050000000   0.0000000        0.6   May                3       2      3
## 4831 0.018181818   0.0000000        0.0   May                2       2      1
## 4832 0.015789474   0.0000000        0.6   May                1       1      1
## 4833 0.011078431   0.0000000        0.0   May                2       2      2
## 4834 0.010370370   0.0000000        0.0   May                2       2      4
## 4835 0.070000000   0.0000000        0.0   May                1       1      1
## 4836 0.031944444   0.0000000        0.4   May                2       2      6
## 4837 0.024137931   0.0000000        0.0   May                3       2      5
## 4838 0.011111111   0.0000000        0.0   May                1       1      1
## 4839 0.097142857   0.0000000        0.0   May                3       2      1
## 4840 0.007407407   0.0000000        0.0   May                1       1      3
## 4841 0.012000000   0.0000000        0.8   May                2       2      1
## 4842 0.013089192  26.2793316        0.4   May                2       2      2
## 4843 0.095402299   0.0000000        0.8   May                2       2      1
## 4844 0.050000000   0.0000000        0.0   May                2       2      1
## 4845 0.019666667   0.0000000        0.0   May                3       2      3
## 4846 0.029964539  11.9639681        0.2   May                1       2      4
## 4847 0.025787879   0.0000000        0.0   May                2       2      1
## 4848 0.200000000   0.0000000        0.4   May                2       2      1
## 4849 0.042307692   0.0000000        0.0   May                1       1      1
## 4850 0.050000000   0.0000000        0.4   May                2       2      1
## 4851 0.013043478   0.0000000        0.0   May                3       2      4
## 4852 0.050606061   0.0000000        0.4   May                3       2      1
## 4853 0.028571429   0.0000000        0.0   May                2       2      7
## 4854 0.033333333   0.0000000        0.0   May                2       2      1
## 4855 0.020833333   0.0000000        0.0   May                2       2      1
## 4856 0.050000000   0.0000000        0.0   May                3       2      3
## 4857 0.010000000   0.0000000        0.0   May                1       1      1
## 4858 0.016666667   0.0000000        0.4   May                3       2      8
## 4859 0.007142857   0.0000000        0.0   May                2       2      1
## 4860 0.008163265   0.0000000        0.0   May                4       1      1
## 4861 0.090322581   0.0000000        0.4   May                2       4      3
## 4862 0.200000000   0.0000000        0.0   May                1       8      1
## 4863 0.200000000   0.0000000        0.0   May                3       2      7
## 4864 0.047560976   0.0000000        0.4   May                2       2      1
## 4865 0.125000000   0.0000000        0.8   May                3       2      7
## 4866 0.018181818  58.1672727        0.0   May                1       1      1
## 4867 0.070000000   0.0000000        1.0   May                1       1      3
## 4868 0.014619883   0.0000000        0.0   May                2       2      3
## 4869 0.085714286   0.0000000        0.0   May                2       2      6
## 4870 0.034482887  14.9848750        0.4   May                2       2      3
## 4871 0.010344828   0.0000000        0.0   May                1       1      2
## 4872 0.037838384   0.0000000        1.0   May                1       1      3
## 4873 0.008888889   0.0000000        0.0   May                1       1      1
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## 4874 0.058000000   0.0000000        0.0   May                3       2       6
## 4875 0.010233918  20.1179298        0.0   May                2       5       6
## 4876 0.038133333   0.0000000        1.0   May                3       2       3
## 4877 0.050000000   0.0000000        0.8   May                2       2       9
## 4878 0.044501535   0.0000000        0.8   May                3       2       1
## 4879 0.018181818  31.9800000        0.0   May                1       2       8
## 4880 0.016666667   0.0000000        0.2   May                3       2       3
## 4881 0.016458333   0.0000000        0.0   May                3       2       1
## 4882 0.040000000   0.0000000        0.0   May                2       2       3
## 4883 0.066666667   0.0000000        0.4   May                1       2       8
## 4885 0.042207792   0.0000000        0.0   May                1       2       4
## 4886 0.100000000   0.0000000        0.6   May                4       1       4
## 4887 0.016666667   0.0000000        0.0   May                1       1       3
## 4888 0.200000000   0.0000000        0.0   May                2       5       7
## 4889 0.006862745   0.0000000        0.0   May                3       2       1
## 4890 0.027083333  15.8183958        0.0   May                2       2       5
## 4891 0.088461538   0.0000000        0.4   May                2       2       6
## 4892 0.048412698   0.0000000        0.0   May                3       2       8
## 4893 0.007142857   0.0000000        0.0   May                2       2       1
## 4894 0.015384615   0.0000000        0.0   May                2       2       5
## 4895 0.020000000   0.0000000        0.0   May                2       2       1
## 4896 0.016666667   0.0000000        0.0   May                1       1       1
## 4897 0.200000000   0.0000000        0.0   May                3       6       2
## 4898 0.016666667   0.0000000        0.0   May                1       1       8
## 4899 0.001600000   0.0000000        0.0   May                3       2       3
## 4900 0.012500000   0.0000000        0.0   May                1       1       3
## 4901 0.004444444   0.0000000        0.6   May                1       1       1
## 4902 0.040017253   6.6736957        1.0   May                3       2       1
## 4903 0.025810811   6.0943243        0.0   May                3       2       2
## 4904 0.009523810  28.2539551        0.0   May                2       2       3
## 4905 0.024074074   0.0000000        1.0   May                4       1       1
## 4906 0.100000000   0.0000000        0.0   May                2       2       3
## 4907 0.059259259   0.0000000        0.0   May                3       2       4
## 4908 0.028787879   0.0000000        0.0   May                3       2       6
## 4909 0.050000000   0.0000000        0.6   May                2       2       1
## 4910 0.125000000   0.0000000        0.8   May                2       2       2
## 4911 0.055604396   0.0000000        0.0   May                2       2       1
## 4912 0.013333333   0.0000000        0.0   May                1       1       1
## 4913 0.066666667   0.0000000        0.0   May                2       2       1
## 4915 0.007894737   0.0000000        0.0   May                2       2       1
## 4916 0.200000000   0.0000000        0.0   May                2       2       9
## 4917 0.066666667   0.0000000        0.8   May                3       2       8
## 4918 0.032986111   0.0000000        0.4   May                3       2       6
## 4919 0.035238095  16.0906500        0.6   May                2       2       1
## 4920 0.116666667   0.0000000        0.2   May                3       2       6
## 4921 0.030238095  24.8970000        0.0   May                2       2       5
## 4922 0.100000000   0.0000000        0.8   May                3       2       2
## 4923 0.013000000 109.5876000        0.0   May                2       2       7
## 4924 0.006504065  28.9418049        0.2   May                2       2       7
## 4925 0.157142857   0.0000000        0.4   May                1       1       6
## 4926 0.022222222   0.0000000        0.0   May                2       4       9
## 4927 0.200000000   0.0000000        0.0   May                2       2       4
## 4928 0.040147783   0.0000000        0.0   May                3       2       8
## 4929 0.002439024  21.0798049        0.0   May                1       1       6
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## 4930 0.166666667   0.0000000        0.0   May                3       2      2
## 4931 0.024285714   0.0000000        0.0   May                2       4      7
## 4932 0.033333333   0.0000000        0.0   May                2       2      1
## 4933 0.017283951  32.9853333        0.0   May                1       1      1
## 4934 0.029541047   0.0000000        0.8   May                3       2      2
## 4935 0.050000000   0.0000000        0.2   May                2       2      1
## 4936 0.050000000   0.0000000        0.6   May                4       1      1
## 4937 0.022481685  12.0819226        0.2   May                1       1      1
## 4938 0.015263169   6.1493439        0.4   May                2       2      3
## 4939 0.096666667   0.0000000        0.4   May                1       1      1
## 4940 0.015384615   0.0000000        0.0   May                2       2      2
## 4941 0.054166667   0.0000000        0.0   May                3       2      1
## 4942 0.018181818  54.5345455        0.0   May                2       4      8
## 4943 0.020148148   0.0000000        0.8   May                2       2      2
## 4944 0.040740741   0.0000000        0.4   May                4       1      2
## 4945 0.052631579  11.3864210        0.0   May                4       1      6
## 4946 0.005882353  30.5764706        0.0   May                2       2      1
## 4947 0.036363636   0.0000000        0.0   May                2      10      2
## 4948 0.005319149   0.0000000        0.0   May                2       5      7
## 4949 0.015789474  11.3346316        0.0   May                2       2      2
## 4950 0.009851670   0.0000000        0.0   May                1       1      1
## 4951 0.013347763   1.0360909        0.0   May                2       2      1
## 4952 0.040000000   0.0000000        0.0   May                2       2      1
## 4953 0.011111111   0.0000000        0.0   May                3       2      1
## 4954 0.010481956  20.6247414        0.0   May                1       1      6
## 4955 0.200000000   0.0000000        0.2   May                3       2      1
## 4956 0.014426543   1.3241354        0.0   May                2       2      8
## 4957 0.100000000   0.0000000        0.6   May                3       2      1
## 4958 0.054666667   0.0000000        0.4   May                2       2      1
## 4959 0.031182796   0.0000000        0.0   May                2       2      2
## 4960 0.059895833   0.0000000        0.8   May                2       2      1
## 4961 0.025088095   5.5400247        0.6   May                2       2      4
## 4962 0.018181818   0.0000000        0.0   May                2       4      1
## 4963 0.041176471   0.0000000        0.0   May                2       5      4
## 4964 0.055504202   3.5548478        0.0   May                3       2      1
## 4965 0.066666667   0.0000000        0.0   May                2       2      3
## 4966 0.000555556   0.0000000        0.0   May                2       2      7
## 4967 0.027027027  67.7368649        0.0   May                2       2      1
## 4968 0.060000000   0.0000000        1.0   May                3       2      3
## 4969 0.007830405   0.0000000        0.0   May                2       4      3
## 4970 0.066666667   0.0000000        1.0   May                2       2      6
## 4971 0.100000000   0.0000000        0.0   May                1       2      1
## 4972 0.015161650   0.0000000        0.0   May                3       2      1
## 4973 0.150000000   0.0000000        0.0   May                2       2      3
## 4974 0.093333333   0.0000000        0.4   May                3       2      1
## 4975 0.024839744   0.0000000        0.0   May                2       2      3
## 4976 0.025000000  30.3236000        0.6   May                1       1      1
## 4977 0.041777778   0.0000000        0.0   May                2       5      1
## 4978 0.015583850   0.0000000        0.0   May                2       2      1
## 4979 0.166666667   0.0000000        0.6   May                1       1      3
## 4980 0.009523810   0.0000000        0.0   May                2       2      6
## 4981 0.088888889   0.0000000        0.8   May                2       2      3
## 4982 0.009761905   0.0000000        0.0   May                2       2      5
## 4983 0.061904762   0.0000000        0.6   May                2       4      9
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## 4984 0.038333333   0.0000000        0.0   May                 1       1       1
## 4985 0.100000000   0.0000000        0.0   May                 3       2       3
## 4986 0.012121212  11.9695455        0.0   May                 2       2       1
## 4987 0.040000000  17.2704000        0.0   May                 2       4       3
## 4988 0.032000000  21.5952000        0.0   May                 2       6       1
## 4989 0.052380952   0.0000000        0.6   May                 2       2       9
## 4990 0.133333333   0.0000000        0.0   May                 2       2       4
## 4991 0.023982684   7.2597500        0.0   May                 2       4       2
## 4992 0.100000000   0.0000000        0.0   May                 3       2       6
## 4993 0.048188406  17.7068484        0.0   May                 2       2       4
## 4994 0.041356389   0.0000000        0.4   May                 3       2       1
## 4995 0.040000000   0.0000000        0.0   May                 2       2       1
## 4996 0.025000000   0.0000000        0.0   May                 2       2       2
## 4997 0.003448276  30.8772414        0.2   May                 2       2       2
## 4998 0.024074074   0.0000000        0.0   May                 2       4       3
## 4999 0.003448276  80.1180000        0.0   May                 2       4       3
## 5000 0.050000000   0.0000000        0.0   May                 1       8       1
## 5001 0.016666667   0.0000000        0.6   May                 2       2       2
## 5002 0.033333333   0.0000000        0.6   May                 3       2       1
## 5003 0.020772947   0.0000000        0.4   May                 2       6       7
## 5004 0.018181818   0.0000000        0.0   May                 1       8       3
## 5005 0.028000000   0.0000000        0.0   May                 1       8       2
## 5006 0.008333333  28.1627500        0.0   May                 2       2       1
## 5007 0.042647059   0.0000000        0.0   May                 1       1       8
## 5008 0.200000000   0.0000000        0.0   May                 3       2       3
## 5009 0.013131313   0.0000000        0.2   May                 1       1       1
## 5010 0.033988025   5.8161680        0.0   May                 2       2       6
## 5011 0.033333333   0.0000000        0.0   May                 2       5       4
## 5012 0.018055556   0.0000000        0.0   May                 2       6       4
## 5013 0.044927536   0.0000000        0.8   May                 2       2       2
## 5014 0.033333333   0.0000000        0.0   May                 2       2       1
## 5015 0.044444444   0.0000000        0.0   May                 2       2       2
## 5016 0.200000000   0.0000000        0.0   May                 2       2       2
## 5017 0.012222222   0.0000000        0.0   May                 2       2       1
## 5018 0.021000000   0.0000000        0.0   May                 2       2       1
## 5019 0.016666667  25.4840000        0.6   May                 2       2       1
## 5020 0.011111111   0.0000000        0.0   May                 3       2       1
## 5021 0.005000000   0.0000000        0.0   May                 4       2       1
## 5022 0.033333333   0.0000000        0.0   May                 1       1       1
## 5023 0.017647059   8.9268235        0.0   May                 2       2       9
## 5024 0.028571429  44.5611429        0.6   May                 2       4       9
## 5025 0.013333333   0.0000000        0.0   May                 6       2       4
## 5026 0.008333333   0.0000000        0.0   May                 2       2       4
## 5027 0.133333333   0.0000000        0.0   May                 2       4       3
## 5028 0.031679160   3.4853525        0.0   May                 1       1       8
## 5029 0.014267214   3.8903502        0.0   May                 2       5       6
## 5030 0.020000000  22.7380000        0.0   May                 1       1       6
## 5031 0.011431235  54.6571487        0.0   May                 1       5       1
## 5032 0.055127258   1.4569515        1.0   May                 1       1       1
## 5033 0.019047619  13.9900000        0.0   May                 2       2       7
## 5034 0.030769231   0.0000000        0.2   May                 2       2       2
## 5035 0.002352941  51.6070588        0.0   May                 2       2       4
## 5036 0.023529412   0.0000000        0.0   May                 2       2       1
## 5037 0.038888889   0.0000000        0.6   May                 2       2       8
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## 5038 0.005252101   0.0000000        0.0   May                2       2      7
## 5040 0.019057903  12.4509902        0.0   May                1       1      3
## 5041 0.000292398   0.0000000        0.0   May                1       1      3
## 5042 0.071018519   0.0000000        0.8   May                2       2      4
## 5043 0.028571429   0.0000000        0.0   May                3       2      4
## 5045 0.014285714   0.0000000        0.0   May                2       2      4
## 5046 0.013793271   6.7383952        0.0   May                2       2      9
## 5047 0.040000000   0.0000000        0.0   May                1       1      1
## 5048 0.028571429   0.0000000        0.0   May                2       2      4
## 5049 0.076470588   0.0000000        0.0   May                4       2      4
## 5050 0.100000000   0.0000000        0.0   May                3       2      1
## 5051 0.009743590   0.0000000        0.4   May                2       2      2
## 5052 0.032461962   0.0000000        0.0   May                3       2      1
## 5053 0.007668232   0.0000000        0.0   May                2       4      3
## 5054 0.035087719   0.0000000        1.0   May                1       1      1
## 5055 0.034615385   0.0000000        0.0   May                2       2      1
## 5056 0.021052632   0.0000000        0.0   May                3       2      6
## 5058 0.005555556  16.3224444        0.0   May                3       2      6
## 5059 0.042941176  33.1128000        0.8   May                2       2      1
## 5060 0.039475088   3.3239713        0.4   May                3       2      8
## 5061 0.012500000   0.0000000        0.0   May                2       2      3
## 5062 0.064285714   0.0000000        0.2   May                2       4      1
## 5063 0.016666667   0.0000000        0.4   May                4       2      2
## 5064 0.040000000   0.0000000        0.6   May                2      10      1
## 5065 0.021138211   0.0000000        0.6   May                2       5      1
## 5066 0.100000000   0.0000000        0.0   May                1       1      1
## 5067 0.007407407   0.0000000        0.8   May                2       4      1
## 5068 0.024863655   0.0000000        0.4   May                3       2      3
## 5069 0.003636364  11.9880000        1.0   May                1       8      1
## 5070 0.060000000   0.0000000        0.6   May                2       2      3
## 5071 0.066666667   0.0000000        0.4   May                2       2      3
## 5072 0.020000000   0.0000000        0.8   May                2       2      1
## 5073 0.019379845  24.9014419        0.2   May                1       2      1
## 5074 0.046428571   0.0000000        0.0   May                2       2      6
## 5075 0.055555556   0.0000000        0.4   May                2       2      1
## 5076 0.023361582  26.9379237        0.0   May                2       2      7
## 5077 0.018777882   0.0000000        0.0   May                3       2      4
## 5078 0.066666667   0.0000000        0.4   May                2       2      6
## 5079 0.033333333   0.0000000        0.0   May                2       2      7
## 5080 0.003571429   0.0000000        0.0   May                2       2      3
## 5081 0.054460641  13.1840816        0.8   May                2      10      3
## 5082 0.016287879   0.0000000        0.2   May                2       2      3
## 5083 0.023076923  72.5207692        0.0   May                2       4      1
## 5084 0.016190476   0.0000000        0.6   May                2       5      1
## 5085 0.060000000   0.0000000        0.0   May                2       2      7
## 5086 0.014102564   0.0000000        0.0   May                1       1      1
## 5087 0.011111111   0.0000000        0.0   May                2       2      1
## 5088 0.030000000   0.0000000        0.0   May                3       2      5
## 5089 0.021052632   0.0000000        0.0   May                2      10      2
## 5090 0.016231884  17.9479710        0.0   May                1       2      5
## 5091 0.036149660   0.0000000        0.0   May                3       2      2
## 5092 0.020512821   0.0000000        0.0   May                3       2      3
## 5093 0.092083333   0.0000000        0.2   May                3       2      1
## 5094 0.035714286   0.0000000        0.4   May                2       2      1
```

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## 5095 0.025876068  11.8769143        1.0   May                2       2      1
## 5096 0.200000000   0.0000000        0.0   May                1       1      1
## 5097 0.200000000   0.0000000        0.0   May                2       4      4
## 5098 0.050000000   0.0000000        0.0   May                3       2      3
## 5099 0.090666667   0.0000000        0.8   May                3       2      3
## 5100 0.023550725   0.0000000        0.0   May                2       2      1
## 5101 0.014814815  20.1355556        0.0   May                2       5      3
## 5102 0.066666667   0.0000000        0.8   May                2       2      4
## 5103 0.015762787   0.0000000        0.0   May                2       4      1
## 5104 0.041201814   0.0000000        0.8   May                3       2      1
## 5105 0.046428571   0.0000000        0.0   May                2       5      1
## 5106 0.019166667   0.0000000        0.0   May                1       1      1
## 5107 0.033333333   0.0000000        0.0   May                1       1      1
## 5108 0.200000000   0.0000000        0.0   May                2      10      5
## 5109 0.020833333   0.0000000        0.0   May                3       2      2
## 5110 0.200000000   0.0000000        0.8   May                3       2      1
## 5111 0.042323232   5.6941212        0.0   May                2       2      1
## 5112 0.008735669   0.0000000        0.0   May                1       1      6
## 5113 0.036678391   0.0000000        0.2   May                4       5      3
## 5114 0.028272059   0.0000000        1.0   May                3       2      6
## 5115 0.048194444   0.0000000        0.2   May                3       2      1
## 5116 0.036472303   0.0000000        0.8   May                2       2      3
## 5117 0.009937888   0.0000000        0.0   May                2       4      1
## 5118 0.075000000   0.0000000        0.0   May                2       2      3
## 5120 0.050000000   0.0000000        0.4   May                1       1      7
## 5121 0.057142857   0.0000000        0.4   May                1       1      1
## 5122 0.066666667   0.0000000        0.0   May                1       8      6
## 5123 0.047183099   0.0000000        0.6   May                2       4      8
## 5124 0.006150794  36.8992143        0.6   May                2      10      1
## 5125 0.066666667   0.0000000        0.0   May                3       2      1
## 5126 0.010000000   0.0000000        0.0   May                2       4      1
## 5127 0.006976744   0.0000000        0.0   May                2       4      1
## 5128 0.014285714   0.0000000        0.0   May                2       2      1
## 5129 0.026000000   0.0000000        1.0   May                6       5      3
## 5130 0.087179487   0.0000000        0.8   May                3       2      6
## 5131 0.003954802  59.1244678        0.0   May                1       1      6
## 5132 0.028571429   0.0000000        0.0   May                1       1      3
## 5133 0.008333333   0.0000000        0.8   May                2       2      3
## 5134 0.175000000   0.0000000        0.6   May                3       2      3
## 5135 0.200000000   0.0000000        0.0   May                2       4      3
## 5136 0.025517241   0.0000000        0.2   May                3       2      1
## 5137 0.012500000   0.0000000        0.0   May                1       1      4
## 5138 0.200000000   0.0000000        0.0   May                2       2      5
## 5139 0.200000000   0.0000000        0.0   May                3       2      3
## 5140 0.000263158   0.0000000        0.4   May                2       2      3
## 5141 0.013478622   2.6907926        0.0   May                2       2      6
## 5142 0.024019608   3.1110471        0.6   May                2       2      1
## 5143 0.013333333  22.7380000        0.0   May                3       2      4
## 5144 0.005263158   0.0000000        0.0   May                1       2      1
## 5145 0.005813953   0.0000000        0.0   May                2       5      4
## 5146 0.041369048  13.9970833        0.0   May                2       2      6
## 5147 0.006349206   0.0000000        0.0   May                2       2      1
## 5148 0.200000000   0.0000000        1.0   May                3       2      7
## 5149 0.036190476   0.0000000        1.0   May                3       3      3
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## 5150 0.021727273   0.0000000        0.0   May                 3       2       4
## 5151 0.014344857   8.3535080        0.2   May                 2       2       1
## 5152 0.044444444   0.0000000        0.0   May                 3       2       1
## 5153 0.015431438   0.7638290        0.0   May                 2       2       1
## 5154 0.008824665   0.0000000        0.0   May                 2       2       2
## 5155 0.054736842   0.0000000        0.8   May                 1       1       2
## 5156 0.200000000   0.0000000        0.0   May                 3       2       3
## 5157 0.150000000   0.0000000        0.8   May                 2       2       1
## 5158 0.100000000   0.0000000        0.0   May                 2       2       6
## 5159 0.062500000   0.0000000        0.6   May                 1       1       8
## 5160 0.022368421  14.8405380        0.0   May                 2       2       3
## 5161 0.037500000   0.0000000        0.4   May                 2       2       4
## 5162 0.020182874   0.0000000        0.8   May                 3       2       3
## 5163 0.060606061   0.0000000        0.4   May                 1       1       3
## 5164 0.200000000   0.0000000        0.2   May                 1       1       1
## 5165 0.100000000   0.0000000        0.4   May                 2       2       1
## 5166 0.050000000   0.0000000        0.4   May                 2       2       8
## 5167 0.014545455  13.8185273        0.0   May                 2       5       2
## 5168 0.057142857   0.0000000        0.0   May                 2       2       1
## 5169 0.022222222   0.0000000        0.0   May                 4       2       7
## 5170 0.088333333   0.0000000        0.6   May                 3       2       6
## 5171 0.150000000   0.0000000        0.6   May                 2       2       1
## 5172 0.006666667   0.0000000        0.0   May                 2       4       4
## 5173 0.007317073   0.0000000        0.0   May                 2       5       1
## 5174 0.012500000   0.0000000        0.0   May                 2       2       2
## 5175 0.021992481  26.4508224        0.0   May                 1       1       2
## 5176 0.200000000   0.0000000        0.4   May                 2       2       1
## 5177 0.051578947   0.0000000        0.6   May                 2       2       4
## 5178 0.122222222   0.0000000        0.8   May                 3       2       1
## 5179 0.052000000   0.0000000        0.0   May                 3       2       3
## 5180 0.038095238   0.0000000        1.0   May                 1       1       2
## 5181 0.033333333   0.0000000        1.0   May                 2       6       1
## 5182 0.005555556   0.0000000        0.0   May                 3       2       3
## 5183 0.007297297   0.0000000        0.0   May                 2       2       4
## 5184 0.007692308   0.0000000        0.0   May                 2       4       3
## 5185 0.036956522   0.0000000        0.0   May                 2       2       7
## 5186 0.042121212   0.0000000        0.0   May                 3       2       4
## 5187 0.011111111   0.0000000        0.4   May                 3       2       4
## 5188 0.004545455   0.0000000        0.0   May                 3       2       3
## 5189 0.006190476  22.4582143        0.0   May                 3       2       3
## 5190 0.040740741   0.0000000        0.0   May                 4       1       1
## 5191 0.011111111  39.1500000        0.0   May                 2       2       3
## 5192 0.015384615  23.3880000        0.0   May                 2       2       3
## 5193 0.048014184   0.0000000        0.2   May                 2       4       1
## 5194 0.015691057   0.0000000        0.0   May                 2       2       3
## 5195 0.017391304   0.0000000        0.0   May                 3       2       1
## 5196 0.012783365   0.0000000        0.0   May                 2       2       4
## 5197 0.051268674   0.0000000        0.6   May                 3       3       5
## 5198 0.040000000   0.0000000        0.0   May                 1       1       3
## 5201 0.020000000   0.0000000        0.0   May                 2       2       3
## 5202 0.050000000   0.0000000        0.0   May                 2       2       1
## 5203 0.029500000   0.0000000        1.0   May                 3       2       1
## 5204 0.015686275  14.3880000        0.0   May                 1       1       1
## 5205 0.047619048   0.0000000        1.0   May                 1       8       7
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## 5206 0.012698413  10.8721286        0.0   May                2       4      6
## 5207 0.004255319   3.6636170        0.8   May                2       5      3
## 5208 0.011562500   0.0000000        0.0   May                1       1      1
## 5209 0.021816239  21.3180000        0.0   May                6       2      4
## 5210 0.200000000   0.0000000        0.0   May                3       2      9
## 5211 0.050000000   0.0000000        0.0   May                1       1      7
## 5212 0.046666667  11.1930000        0.0   May                1       1      1
## 5213 0.066666667   0.0000000        0.8   May                1       1      9
## 5214 0.015787285   6.3808627        0.0   May                2       2      1
## 5215 0.012903226   0.0000000        0.0   May                3       2      3
## 5216 0.028571429  29.9028214        0.2   May                2       2      9
## 5217 0.012500000   0.0000000        0.0   May                1       8      1
## 5218 0.010302067   2.9041772        0.0   May                2       2      4
## 5219 0.016666667   0.0000000        0.0   May                1       2      3
## 5220 0.005555556   0.0000000        0.0   May                1       1      3
## 5221 0.014534161   7.8804783        0.0   May                3       2      3
## 5222 0.008333333   0.0000000        0.0   May                4       5      9
## 5223 0.021621622   0.0000000        0.0   May                2       2      1
## 5224 0.041142857   0.0000000        0.0   May                2       2      1
## 5225 0.036363636   0.0000000        0.0   May                2       5      1
## 5226 0.007407407   0.0000000        0.0   May                3       2      1
## 5227 0.042857143  39.4200000        0.0   May                2       2      1
## 5228 0.042857143   0.0000000        0.2   May                2       2      3
## 5229 0.100000000   0.0000000        0.0   May                2       2      1
## 5230 0.158333333   0.0000000        0.8   May                3       2      1
## 5231 0.075000000   0.0000000        0.4   May                1       1      3
## 5232 0.025000000   0.0000000        0.6   May                2       4      1
## 5233 0.080000000   0.0000000        0.0   May                3       3      1
## 5234 0.011111111  40.8711111        0.0   May                2      10      3
## 5235 0.200000000   0.0000000        0.0   May                1       1      1
## 5236 0.016666667   0.0000000        0.0   May                2       2      1
## 5237 0.045454545   0.0000000        0.0   May                1       1      4
## 5238 0.059661836   1.6803188        0.8   May                2       6      5
## 5239 0.005882353   0.0000000        0.0   May                2       2      7
## 5240 0.026417863   0.0000000        0.6   May                2       2      4
## 5241 0.006666667   0.0000000        0.8   May                2       2      1
## 5242 0.028571429   0.0000000        0.6   May                1       2      3
## 5243 0.031764706  31.7576471        0.0   May                2       2      8
## 5244 0.011038961   0.0000000        0.0   May                1       1      4
## 5245 0.010000000  62.8660000        0.0   May                2       2      4
## 5246 0.004065041   0.0000000        0.0   May                1       1      6
## 5247 0.022463768   0.0000000        0.0   May                4       1      1
## 5248 0.004000000   0.0000000        0.4   May                2       2      1
## 5249 0.011363636  19.2121894        0.0   May                2       2      3
## 5250 0.001785714   0.0000000        0.0   May                2       4      1
## 5251 0.028571429   0.0000000        0.0   May                2       2      6
## 5252 0.016153274   0.0000000        0.0   May                3       2      6
## 5253 0.025517241   0.0000000        0.8   May                3       2      3
## 5254 0.014772727   0.0000000        0.2   May                2       4      3
## 5256 0.034666667   0.0000000        0.0   May                2       6      8
## 5257 0.133333333   0.0000000        0.0   May                2       2      1
## 5258 0.057142857   0.0000000        0.0   May                1       1      3
## 5259 0.100000000   0.0000000        0.2   May                2       2      3
## 5260 0.028205128   0.0000000        0.4   May                4       1      9
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## 5261 0.018181818  37.5185454        0.0   May                2       2      3
## 5262 0.020506536   7.3006569        0.0   May                2       2      1
## 5263 0.002105263   0.0000000        0.0   May                2       2      1
## 5264 0.009591837   0.0000000        0.0   May                2       2      5
## 5265 0.200000000   0.0000000        0.8   May                3       2      1
## 5266 0.020000000   0.0000000        0.0   May                2       2      4
## 5267 0.024884615  19.3154000        0.0   May                3       2      1
## 5268 0.003508772   0.0000000        0.0   May                2       2      1
## 5269 0.058333333   0.0000000        0.6   May                2       6      2
## 5270 0.028461538   0.0000000        0.0   May                3       3      1
## 5271 0.200000000   0.0000000        0.2   May                2       5      1
## 5272 0.200000000   0.0000000        0.0   May                1       1      1
## 5273 0.003333333   0.0000000        0.0   May                2       2      1
## 5274 0.100000000   0.0000000        0.2   May                1       1      1
## 5275 0.042023810   0.0000000        0.0   May                3       2      8
## 5276 0.031811847   1.1640754        0.8   May                3       2      6
## 5278 0.004347826  17.3739130        0.0   May                2       2      7
## 5279 0.064705882   0.0000000        0.0   May                1       1      1
## 5280 0.200000000   0.0000000        0.2   May                2       2      3
## 5281 0.022222222  49.3880000        0.0   May                2       2      1
## 5282 0.032758621   0.0000000        0.0   May                3       2      1
## 5283 0.150000000   0.0000000        0.2   May                2       2      7
## 5284 0.037500000   0.0000000        0.0   May                1       1      1
## 5285 0.042651515   0.0000000        0.4   May                2       2      4
## 5286 0.047575758   0.0000000        0.0   May                1       1      1
## 5288 0.028260870  68.8570435        0.0   May                2       2      1
## 5289 0.042666667   0.0000000        0.4   May                1       8      8
## 5290 0.001626016 113.1512195        0.0   May                2       2      1
## 5291 0.150000000   0.0000000        0.0   May                2       5      8
## 5292 0.200000000   0.0000000        0.4   May                1       1      3
## 5293 0.125000000   0.0000000        0.8   May                2       2      4
## 5294 0.014035088   0.0000000        0.0   May                3       3      6
## 5295 0.005098039   0.0000000        0.0   May                3       2      1
## 5296 0.022727273  53.6629091        0.0   May                1       1      6
## 5297 0.053846154   0.0000000        0.0   May                2       2      4
## 5298 0.040350877   0.0000000        0.4   May                4       2      3
## 5299 0.050000000   0.0000000        0.0   May                3       2      1
## 5300 0.025308642   8.4885185        0.0   May                4       1      4
## 5301 0.019047619   0.0000000        0.0   May                2       4      7
## 5302 0.040000000   0.0000000        0.0   May                2       2      1
## 5303 0.050000000   0.0000000        0.8   May                2       5      3
## 5304 0.087500000   0.0000000        0.0   May                1       1      3
## 5305 0.033333333   0.0000000        0.0   May                4       1      3
## 5306 0.051929825   0.0000000        1.0   May                3       2      1
## 5307 0.086363636   0.0000000        0.4   May                4       1      1
## 5308 0.050000000   0.0000000        0.2   May                2       2      4
## 5309 0.057142857   0.0000000        0.6   May                2       2      4
## 5310 0.055882353   0.0000000        0.0   May                2       2      2
## 5311 0.050000000   0.0000000        0.0   May                1       1      1
## 5312 0.125000000   0.0000000        0.6   May                2       5      1
## 5313 0.010945092   0.0000000        0.0   May                1       1      2
## 5314 0.016666667   0.0000000        0.8   May                2       2      4
## 5315 0.045562130   0.0000000        0.6   May                2       6      2
## 5316 0.100000000   0.0000000        0.0   May                2       2      3
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## 5317 0.057518519   0.0000000        0.6   May                2       2      4
## 5318 0.020625000   0.0000000        0.2   May                2       2      3
## 5319 0.009867424   6.5606250        0.0   May                2       2      6
## 5320 0.016721311   0.0000000        0.0   May                2       2      1
## 5321 0.033333333   0.0000000        0.0   May                2       2      1
## 5322 0.033950617   0.0000000        0.0   May                1       1      1
## 5323 0.002173913   0.0000000        0.0   May                2       4      3
## 5324 0.200000000   0.0000000        0.0   May                2       2      9
## 5325 0.049475963   0.0000000        0.8   May                3       2      3
## 5326 0.066666667   0.0000000        0.0   May                2       2      3
## 5327 0.100000000   0.0000000        0.0   May                2       7      4
## 5328 0.007142857   0.0000000        0.4   May                2       2      3
## 5329 0.066666667   0.0000000        1.0   May                3       2      1
## 5330 0.020833333   0.0000000        0.0   May                2       2      4
## 5331 0.114285714   0.0000000        1.0   May                3       2      1
## 5332 0.066666667   0.0000000        0.0   May                2       5      1
## 5333 0.050000000   0.0000000        0.6   May                2       4      6
## 5334 0.016930138   1.1197590        0.8   May                2       2      3
## 5335 0.027164502   0.0000000        0.8   May                3       2      1
## 5336 0.036666667   0.0000000        0.4   May                3       2      3
## 5337 0.120000000   0.0000000        0.0   May                1       1      1
## 5338 0.031250000  22.3191250        0.0   May                1       1      4
## 5339 0.024867725  27.4449167        0.0   May                2       4      2
## 5340 0.009827586   0.0000000        0.0   May                3       2      4
## 5341 0.034482759   0.0000000        0.0   May                2       2      3
## 5342 0.028070175   0.0000000        0.8   May                2       2      3
## 5343 0.100000000   0.0000000        0.0   May                1       1      1
## 5344 0.031513142   4.8588429        0.0   May                3       2      1
## 5345 0.006666667   0.0000000        0.4   May                2       2      1
## 5346 0.031399948   0.0000000        0.4   May                2       2      1
## 5347 0.016666667   0.0000000        0.0   May                2       2      1
## 5348 0.048529412   0.0000000        0.4   May                2       2      2
## 5349 0.037500000   0.0000000        0.0   May                2       2      9
## 5350 0.077777778   0.0000000        0.2   May                2       6      6
## 5351 0.066666667   0.0000000        0.0   May                1       1      1
## 5352 0.060000000   0.0000000        0.0   May                2       2      7
## 5353 0.024931582   0.0000000        0.0   May                2       4      3
## 5354 0.043864469   0.0000000        0.0   May                2       2      1
## 5355 0.004419192   0.0000000        0.2   May                3       2      3
## 5357 0.050000000   0.0000000        0.6   May                2       2      2
## 5358 0.166666667   0.0000000        0.4   May                1       1      3
## 5359 0.028338002   0.0000000        0.4   May                2       2      4
## 5360 0.052154195   0.0000000        0.6   May                2       2      3
## 5361 0.043815476   0.0000000        1.0   May                3       2      7
## 5362 0.019444444   0.0000000        0.0   May                4       1      1
## 5363 0.000833333   0.0000000        0.6   May                2       4      3
## 5364 0.054000000   0.0000000        0.6   May                2       2      6
## 5365 0.011111111   0.0000000        0.0   May                3       3      3
## 5366 0.014285714  32.0271429        0.0   May                2       2      1
## 5367 0.068750000   0.0000000        0.0   May                2       4      3
## 5368 0.010666667   0.0000000        0.0   May                1       1      2
## 5369 0.013726336   8.0724262        0.0   May                2       2      3
## 5370 0.026274510   7.8026111        0.0   May                2       2      1
## 5371 0.001428571   0.0000000        0.0   May                1       1      6
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## 5372 0.048227559   5.5133459        0.0   May                 4       2       1
## 5373 0.200000000   0.0000000        0.2   May                 3       2       6
## 5374 0.048717949   0.0000000        1.0   May                 2       6       3
## 5375 0.021055381  14.6929310        0.0   May                 1       2       3
## 5376 0.014782609   0.0000000        0.0   May                 3       2       4
## 5377 0.012162162   0.0000000        0.4   May                 2       2       1
## 5378 0.200000000   0.0000000        0.0   May                 6       7       3
## 5379 0.200000000   0.0000000        0.0   May                 3       2       6
## 5380 0.133333333   0.0000000        0.0   May                 3       2       3
## 5381 0.035500000   0.0000000        0.6   May                 2       2       4
## 5382 0.025396825   1.8315000        0.0   May                 2       2       6
## 5383 0.050000000   0.0000000        0.0   May                 2       2       1
## 5384 0.020779221   0.0000000        0.6   May                 2       2       4
## 5385 0.016000000   0.0000000        0.6   May                 2       2       4
## 5386 0.007142857  24.5048571        0.0   May                 3       2       2
## 5387 0.120000000   0.0000000        0.0   May                 3       2       3
## 5388 0.026666667   0.0000000        0.8   May                 2       2       8
## 5389 0.028571429   0.0000000        0.0   May                 2       5       2
## 5390 0.011764706  33.7880000        0.0   May                 1       2       1
## 5391 0.066666667   0.0000000        0.0   May                 2       2       3
## 5392 0.048000000  15.3956000        0.0   May                 2       4       3
## 5393 0.020000000   0.0000000        0.0   May                 2       2       3
## 5394 0.027572016   5.1671333        0.0   May                 3       2       2
## 5395 0.014285714  49.0191429        0.0   May                 2       2       4
## 5396 0.100000000   0.0000000        0.0   May                 2       2       1
## 5397 0.014285714   0.0000000        0.0   May                 2       2       1
## 5398 0.006321839  19.1150690        0.6   May                 2       2       7
## 5399 0.011764706   0.0000000        0.0   May                 2       2       1
## 5400 0.039583333   8.0785312        0.0   May                 2       2       4
## 5401 0.028571429   0.0000000        0.8   May                 2       2       1
## 5402 0.012361111  52.0516500        0.0   May                 3       2       1
## 5403 0.006666667   0.0000000        0.0   May                 4       1       4
## 5404 0.025362319   9.1273913        0.0   May                 2       2       7
## 5405 0.015384615   0.0000000        0.0   May                 1       1       1
## 5406 0.131944444   0.0000000        0.6   May                 3       2       6
## 5407 0.075000000   0.0000000        0.0   May                 2       4       1
## 5409 0.016921296   0.0000000        0.0   May                 1       8       3
## 5410 0.046491228   4.3083158        0.0   May                 1       1       3
## 5411 0.011363949  22.0219716        0.6   May                 2       2       7
## 5412 0.054586466   0.0000000        1.0   May                 1       1       3
## 5413 0.050000000   0.0000000        0.4   May                 2       2       1
## 5414 0.009553204  17.1961152        0.0   May                 2       6       2
## 5415 0.037793427   0.0000000        0.8   May                 3       2       1
## 5416 0.133333333   0.0000000        0.4   May                 2       5       1
## 5417 0.087037037   0.0000000        0.8   May                 3       2       4
## 5418 0.009848485   0.0000000        0.0   May                 1       1       8
## 5419 0.100000000   0.0000000        0.0   May                 2       2       3
## 5420 0.010909616   0.0000000        0.0   May                 3       2       5
## 5421 0.023288614   0.0000000        0.8   May                 3       3       8
## 5422 0.075000000   0.0000000        0.8   May                 2       2       1
## 5423 0.031725417   0.0000000        0.6   May                 2       2       3
## 5424 0.036111111  17.5455000        0.0   May                 2       2       1
## 5425 0.005882353   0.0000000        0.0   May                 2       4       6
## 5426 0.020305773   5.9420256        0.4   May                 2       2       3
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## 5427 0.033333333   0.0000000        0.2   May                4       2       1
## 5428 0.033333333   0.0000000        0.4   May                2       2       1
## 5429 0.020000000   0.0000000        0.0   May                2       2       1
## 5430 0.116000000   0.0000000        0.0   May                1       1       3
## 5431 0.200000000   0.0000000        0.0   May                3       3       1
## 5432 0.021952663   0.0000000        0.0   May                2       2       1
## 5433 0.175000000   0.0000000        0.8   May                3       2       4
## 5434 0.007471264   0.0000000        0.4   May                2       2       1
## 5435 0.028666667  18.8050500        0.0   May                3       2       7
## 5436 0.009375000   9.7455000        0.0   May                2       4       1
## 5437 0.047901224   0.0000000        0.8   May                2       2       3
## 5438 0.005882353  23.0332941        0.0   May                2       4       9
## 5439 0.023076923   9.9609231        0.0   May                1       1       3
## 5440 0.062580645   7.6366452        0.2   May                2       2       3
## 5441 0.011534392   9.3235317        0.0   May                6       2       2
## 5442 0.022807018  19.4480000        0.0   May                2       2       5
## 5443 0.055555556   0.0000000        0.0   May                2       2       3
## 5444 0.019565217  32.7073044        0.0   May                2       4       4
## 5445 0.060000000   0.0000000        0.0   May                1       1       6
## 5446 0.066666667   0.0000000        0.0   May                2       2       3
## 5447 0.002083333   0.0000000        0.0   May                3       2       2
## 5448 0.017803379   0.0000000        0.0   May                2       2       6
## 5449 0.020416667   0.0000000        0.6   May                3       2       3
## 5450 0.006593407   6.2814945        0.0   May                2       4       9
## 5451 0.060000000   0.0000000        0.6   May                3       2       8
## 5452 0.032988166   0.0000000        0.0   May                1       1       7
## 5453 0.013333333   0.0000000        0.0   May                2       4       1
## 5454 0.031081081   8.1000000        0.8   May                2       4       7
## 5455 0.097777778   0.0000000        0.8   May                3       2       3
## 5456 0.007936508   0.0000000        0.0   Oct                2       2       1
## 5457 0.020000000   0.0000000        0.0  June                2       2       2
## 5458 0.000000000  42.2930675        0.0   Oct                1       1       3
## 5459 0.004385965  28.0680499        0.0  June                2       2       6
## 5460 0.100000000   0.0000000        0.0  June                2       2       7
## 5461 0.031250000  19.8277089        0.0   Jul                2       2       7
## 5462 0.011111111   0.0000000        0.0   Oct                2       2       1
## 5463 0.068253968   0.0000000        0.0   Aug                3       2       3
## 5464 0.010000000   0.0000000        0.0   Nov                3       2       4
## 5465 0.005932203 204.0079491        0.0   Nov                2       2       1
## 5466 0.035488428   4.3481456        0.0   Oct                1       1       4
## 5467 0.125000000   0.0000000        0.0   Jul                3       2       6
## 5468 0.016161616   0.0000000        0.0   Nov                1       1       6
## 5469 0.012248677   0.0000000        0.0   Sep                2       2       1
## 5470 0.016605750   0.0000000        0.0   Oct                2       2       5
## 5471 0.038235294   0.0000000        0.0  June                1       1       3
## 5472 0.080000000   0.0000000        0.0  June                2       4       2
## 5473 0.030000000   0.0000000        0.0   Aug                1       1       4
## 5474 0.033623455   0.0000000        0.0   Sep                4       1       9
## 5475 0.040000000  36.6617829        0.0   Oct                2       2       2
## 5476 0.043243243   5.1283582        0.0   Oct                2       2       7
## 5477 0.010526316   0.0000000        0.0   Oct                1       1       3
## 5478 0.001666667   0.0000000        0.0   Oct                2       4       4
## 5479 0.079166667   0.0000000        0.0   Jul                4       1       1
## 5480 0.007692308  72.5228385        0.0   Nov                1       1       2
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## 5481 0.040000000  48.0472620        0.0   Oct                2       2      1
## 5482 0.059313725   0.0000000        0.0   Aug                3       2      1
## 5483 0.066666667   0.0000000        0.0   Aug                1       8      7
## 5484 0.026190476  32.7003447        0.0   Jul                2       2      6
## 5485 0.066666667   0.0000000        0.0   Oct                1       1      7
## 5486 0.037179487   3.2968273        0.0  June                2       2      2
## 5487 0.034065934   0.0000000        0.0   Jul                3       2      5
## 5488 0.200000000   0.0000000        0.0   Jul                2       2      2
## 5489 0.002903226   0.0000000        0.0   Sep                2       2      1
## 5490 0.085396825   0.0000000        0.0   Oct                3       2      1
## 5491 0.011555556   0.0000000        0.0   Jul                2       2      1
## 5492 0.003571429  51.0336252        0.0   Oct                2       2      5
## 5493 0.040000000   0.0000000        0.0   Oct                1       1      4
## 5494 0.013333333   0.0000000        0.0   Oct                2       2      6
## 5495 0.000000000 106.2525169        0.0   Nov                1       1      9
## 5496 0.040000000   0.0000000        0.0   Jul                1       1      9
## 5497 0.012500000  54.5670487        0.0   Sep                4       1      1
## 5498 0.009471471   1.7986699        0.0   Nov                1       1      9
## 5499 0.009722222   0.0000000        0.0   Sep                3       2      1
## 5500 0.014285714   0.0000000        0.0  June                1       2      3
## 5501 0.012314449   7.7662809        0.0   Oct                2       2      8
## 5502 0.100000000   0.0000000        0.0   Sep                4       1      1
## 5503 0.075814536   0.0000000        0.0  June                2       5      1
## 5504 0.040370370   0.0000000        0.0   Jul                3       2      8
## 5505 0.200000000   0.0000000        0.0   Oct                1       1      8
## 5506 0.000000000   0.0000000        0.0   Jul                1       1      1
## 5507 0.003594771   0.0000000        0.0   Oct                4       2      3
## 5508 0.004761905  60.4373778        0.0   Nov                1       1      1
## 5509 0.004861111   0.0000000        0.0   Oct                2       2      4
## 5510 0.002998087  19.7152954        0.0   Nov                2       2      1
## 5511 0.019327731   0.0000000        0.0   Nov                3       2      7
## 5512 0.009469697   8.4808463        0.0   Aug                1       1      1
## 5513 0.030864198   0.0000000        0.0   Jul                1       1      3
## 5514 0.029349567   6.3737706        0.0   Jul                1       1      1
## 5515 0.046464646   0.0000000        0.0   Sep                2      10      2
## 5516 0.012500000   0.0000000        0.0   Nov                2       4      9
## 5517 0.009090909   7.6874506        0.0   Oct                2       2      1
## 5518 0.017561939   6.2829046        0.0   Sep                3       2      8
## 5519 0.050000000   0.0000000        0.0   Jul                4       1      3
## 5520 0.011659808   0.0000000        0.0   Sep                1       2      1
## 5521 0.040444444   0.0000000        0.0  June                2       2      7
## 5522 0.060000000   0.0000000        0.0   Sep                2       2      5
## 5523 0.066666667   0.0000000        0.0   Jul                3       2      3
## 5524 0.008309991   6.1759320        0.0   Oct                2       2      1
## 5525 0.028571429  86.3362327        0.0   Oct                1       1      4
## 5526 0.006785714   0.0000000        0.0   Sep                3       2      1
## 5527 0.034865900   4.1929804        0.0   Jul                4       2      3
## 5528 0.002547045   0.0000000        0.0   Jul                2       4      2
## 5529 0.066666667   0.0000000        0.0   Aug                2       2      3
## 5530 0.015384615   0.0000000        0.0   Jul                1       8      1
## 5531 0.014731380  16.5647848        0.0   Oct                3       2      7
## 5532 0.041666667   0.0000000        0.0   Aug                2       5      3
## 5533 0.036363636   0.0000000        0.0   Aug                3       2      7
## 5534 0.000000000   0.0000000        0.0   Nov                2       2      5
```

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## 5535 0.016666667   0.0000000        0.0   Sep                3       2       3
## 5536 0.010256410   0.0000000        0.0   Sep                2       2       1
## 5537 0.016960486   0.0000000        0.0   Sep                2       2       1
## 5538 0.033333333   0.0000000        0.0   Nov                3       2       9
## 5539 0.006250000   0.0000000        0.0   Sep                2       2       6
## 5540 0.002898551   0.0000000        0.0   Aug                3       2       3
## 5541 0.014285714   0.0000000        0.0   Oct                1       1       3
## 5542 0.030158730   0.0000000        0.0   Oct                3       2       1
## 5543 0.007692308  77.4579855        0.0   Nov                2       2       7
## 5544 0.020000000   0.0000000        0.0   Aug                4       1       3
## 5545 0.010833333   0.0000000        0.0  June                2       2       2
## 5546 0.005357143   0.0000000        0.0  June                2       2       8
## 5547 0.020000000   0.0000000        0.0   Oct                2       4       9
## 5548 0.027103099   0.0000000        0.0   Jul                3       2       7
## 5549 0.026098901  26.1303487        0.0   Nov                3       2       9
## 5550 0.008695652  14.0097922        0.0   Oct                2       2       9
## 5551 0.022222222   0.0000000        0.0   Oct                2       2       4
## 5552 0.066666667   0.0000000        0.0  June                1       1       3
## 5553 0.001388889   0.0000000        0.0   Jul                1       1       3
## 5554 0.027272727   0.0000000        0.0   Oct                2       4       2
## 5555 0.010539084   0.0000000        0.0   Nov                2       2       7
## 5556 0.002106490   0.8473380        0.0  June                2       2       1
## 5557 0.001724138  44.8563869        0.0   Nov                1       1       4
## 5558 0.200000000   0.0000000        0.0   Nov                1       1       9
## 5559 0.012500000   0.0000000        0.0   Sep                1       1       4
## 5560 0.066666667   0.0000000        0.0  June                2       2       3
## 5561 0.003030303   8.4247874        0.0   Oct                2       2       3
## 5562 0.019375648   0.0000000        0.0   Oct                7       1       2
## 5563 0.046666667   0.0000000        0.0   Jul                3       2       6
## 5564 0.006172840   0.0000000        0.0   Sep                2       2       2
## 5565 0.030138889   0.0000000        0.0   Oct                1       1       6
## 5566 0.003864734   0.0000000        0.0  June                2       2       1
## 5567 0.023958333   0.0000000        0.0   Aug                2       2       3
## 5568 0.101666667   0.0000000        0.0   Sep                1       8       3
## 5569 0.166666667   0.0000000        0.0   Aug                3       2       1
## 5570 0.013972431  22.6594133        0.0   Oct                2       4       1
## 5571 0.009090909   0.0000000        0.0   Aug                2       2       1
## 5572 0.013881932  20.5549453        0.0   Sep                3       2       1
## 5573 0.009615385  39.9697155        0.0   Aug                1       1       1
## 5574 0.111111111   0.0000000        0.0   Oct                1       1       1
## 5575 0.036363636   0.0000000        0.0  June                1       1       3
## 5576 0.023212197   1.9810384        0.0   Oct                3       2       3
## 5577 0.020000000   0.0000000        0.0   Nov                1       1       1
## 5578 0.007407407   0.0000000        0.0   Sep                2       2       4
## 5579 0.044444444   0.0000000        0.0   Aug                3       2       1
## 5580 0.060000000  20.9454452        0.0   Nov                1       2       2
## 5581 0.066666667   0.0000000        0.0   Sep                1       1       1
## 5582 0.003703704   0.0000000        0.0   Sep                2      10       7
## 5583 0.100000000   0.0000000        0.0   Sep                3       2       1
## 5584 0.039006410   4.4843285        0.0   Aug                3       2       1
## 5585 0.022732152   4.3954715        0.0   Aug                2       4       3
## 5586 0.024292237   0.0000000        0.0   Jul                2       2       4
## 5587 0.004545455  32.9585155        0.0   Jul                1       1       1
## 5588 0.014444444   0.0000000        0.0  June                2       2       1
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## 5589 0.101587302   0.0000000        0.0   Sep                2       4       5
## 5590 0.030000000   0.0000000        0.0   Sep                3       2       1
## 5591 0.118750000   0.0000000        0.0   Aug                3       2       4
## 5592 0.096296296   0.0000000        0.0  June                2       2       1
## 5593 0.064912281   0.0000000        0.0   Sep                3       2       1
## 5594 0.066666667   0.0000000        0.0   Oct                1       1       1
## 5595 0.200000000   0.0000000        0.0  June                1       1       3
## 5596 0.020243418   0.0000000        0.0   Aug                2       2       1
## 5597 0.008978355   2.0427623        0.0   Aug                2       2       1
## 5598 0.043830926   0.8701485        0.0  June                2       2       2
## 5599 0.020000000   0.0000000        0.0  June                2       4       6
## 5600 0.010526316   0.0000000        0.0   Oct                2       2       4
## 5601 0.014537746   4.5869102        0.0   Aug                4       2       1
## 5602 0.200000000   0.0000000        0.0  June                3       2       7
## 5603 0.010555556  10.8976178        0.0   Oct                1       1       3
## 5604 0.026666667   0.0000000        0.0  June                1       2       1
## 5605 0.010526316   0.0000000        0.0   Aug                2       2       3
## 5606 0.040000000  10.9990184        0.0   Sep                2       2       4
## 5607 0.035714286   0.0000000        0.0  June                2       2       8
## 5608 0.055555556  21.0939221        0.0   Oct                3       2       2
## 5609 0.044507576  10.7211723        0.0   Nov                2       2       1
## 5610 0.019047619   0.0000000        0.0   Jul                2       2       2
## 5611 0.020000000   0.0000000        0.0   Oct                1       1       6
## 5612 0.100000000   0.0000000        0.0   Aug                2       2       1
## 5613 0.100000000   0.0000000        0.0   Aug                1       1       1
## 5614 0.052857143   0.0000000        0.0   Sep                2       2       1
## 5615 0.081818182   0.0000000        0.0   Jul                3       2       1
## 5616 0.040000000   0.0000000        0.0   Sep                4       1       7
## 5617 0.033333333   0.0000000        0.0   Nov                2       2       6
## 5618 0.038209170   3.0851036        0.0   Jul                3       2       8
## 5619 0.066666667   0.0000000        0.0   Jul                2       4       1
## 5620 0.083333333  27.2878690        0.0   Oct                1       1       4
## 5621 0.023684211   0.0000000        0.0   Jul                3       2       3
## 5622 0.038169990   0.0000000        0.0   Sep                3       2       2
## 5623 0.022222222   0.0000000        0.0   Aug                3       2       6
## 5624 0.021551724   1.0233916        0.0   Jul                3       2       8
## 5625 0.031666667   0.0000000        0.0   Jul                3       2       8
## 5626 0.034285714   4.8563771        0.0   Nov                2       2       1
## 5627 0.050000000  32.8970148        0.0   Oct                3       2       2
## 5628 0.006060606   0.0000000        0.0   Jul                1       1       1
## 5629 0.025000000   0.0000000        0.0   Jul                2       2       1
## 5630 0.012878788   0.0000000        0.0   Aug                3       2       1
## 5631 0.010526316   0.0000000        0.0  June                3       2       8
## 5632 0.013333333   0.0000000        0.0   Oct                2       2       7
## 5633 0.023913043   0.0000000        0.0   Aug                2       2       4
## 5634 0.068923933   0.0000000        0.0  June                3       2       3
## 5635 0.034615385   0.0000000        0.0   Oct                4       1       9
## 5636 0.021052632  69.4623946        0.0   Oct                2       2       1
## 5637 0.000000000   0.0000000        0.0   Sep                2       5       4
## 5638 0.030612404   0.0000000        0.0   Aug                1       1       3
## 5639 0.015856149   0.0000000        0.0   Jul                2       2       1
## 5640 0.029620035   0.0000000        0.0   Jul                2       2       1
## 5641 0.016666667   0.0000000        0.0   Nov                2       2       4
## 5642 0.061650605   0.0000000        0.0  June                3       2       3
```

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## 5643 0.046846847   1.2976779        0.0   Sep                2       2      1
## 5644 0.012576313   0.0000000        0.0   Jul                2       2      2
## 5645 0.005022447  41.6459020        0.0   Nov                2       2      2
## 5646 0.008333333  22.5369371        0.0   Jul                2       2      6
## 5647 0.023076923   0.0000000        0.0   Oct                2       2      2
##      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
## 12             3 Returning_Visitor   FALSE   FALSE
## 13             3 Returning_Visitor   FALSE   FALSE
## 14             3 Returning_Visitor   FALSE   FALSE
## 15             3 Returning_Visitor   FALSE   FALSE
## 16             3 Returning_Visitor   FALSE   FALSE
## 17             3 Returning_Visitor   FALSE   FALSE
## 18             4 Returning_Visitor    TRUE   FALSE
## 19             3 Returning_Visitor   FALSE   FALSE
## 20             4 Returning_Visitor   FALSE   FALSE
## 21             1 Returning_Visitor    TRUE   FALSE
## 22             3 Returning_Visitor   FALSE   FALSE
## 23             5 Returning_Visitor   FALSE   FALSE
## 24             3 Returning_Visitor   FALSE   FALSE
## 25             1 Returning_Visitor    TRUE   FALSE
## 26             3 Returning_Visitor   FALSE   FALSE
## 27             3 Returning_Visitor   FALSE   FALSE
## 28             3 Returning_Visitor   FALSE   FALSE
## 29             3 Returning_Visitor   FALSE   FALSE
## 30             1 Returning_Visitor   FALSE   FALSE
## 31             3 Returning_Visitor   FALSE   FALSE
## 32             6 Returning_Visitor    TRUE   FALSE
## 33             1 Returning_Visitor   FALSE   FALSE
## 34             1 Returning_Visitor   FALSE   FALSE
## 35             1 Returning_Visitor   FALSE   FALSE
## 36             1 Returning_Visitor   FALSE   FALSE
## 37             4 Returning_Visitor    TRUE   FALSE
## 38             4 Returning_Visitor   FALSE   FALSE
## 39             3 Returning_Visitor   FALSE   FALSE
## 40             6 Returning_Visitor   FALSE   FALSE
## 41             4 Returning_Visitor   FALSE   FALSE
## 42             2 Returning_Visitor   FALSE   FALSE
## 43             4 Returning_Visitor   FALSE   FALSE
## 44             3 Returning_Visitor   FALSE   FALSE
## 45             3 Returning_Visitor   FALSE   FALSE
## 46             4 Returning_Visitor   FALSE   FALSE
## 47             2 Returning_Visitor   FALSE   FALSE
## 48             3 Returning_Visitor   FALSE   FALSE
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## 49              3 Returning_Visitor   FALSE   FALSE
## 50              2 Returning_Visitor   FALSE   FALSE
## 51              4 Returning_Visitor    TRUE   FALSE
## 52              3 Returning_Visitor   FALSE   FALSE
## 53              2 Returning_Visitor    TRUE   FALSE
## 54              3 Returning_Visitor   FALSE   FALSE
## 55              4 Returning_Visitor   FALSE   FALSE
## 56              3 Returning_Visitor   FALSE   FALSE
## 57              3 Returning_Visitor   FALSE   FALSE
## 58              1 Returning_Visitor   FALSE   FALSE
## 59              3 Returning_Visitor   FALSE   FALSE
## 60              1 Returning_Visitor   FALSE   FALSE
## 61              3 Returning_Visitor   FALSE   FALSE
## 62              3 Returning_Visitor   FALSE   FALSE
## 63              2 Returning_Visitor   FALSE   FALSE
## 64              4 Returning_Visitor    TRUE   FALSE
## 65              3 Returning_Visitor   FALSE   FALSE
## 66              1 Returning_Visitor   FALSE    TRUE
## 67              3 Returning_Visitor   FALSE   FALSE
## 68              1 Returning_Visitor   FALSE   FALSE
## 69              4 Returning_Visitor   FALSE   FALSE
## 70              3 Returning_Visitor   FALSE   FALSE
## 71              2 Returning_Visitor   FALSE   FALSE
## 72              1 Returning_Visitor   FALSE   FALSE
## 73              3 Returning_Visitor   FALSE   FALSE
## 74              2 Returning_Visitor   FALSE   FALSE
## 75              3 Returning_Visitor   FALSE   FALSE
## 76              1 Returning_Visitor   FALSE   FALSE
## 77              2 Returning_Visitor   FALSE    TRUE
## 78              3 Returning_Visitor   FALSE   FALSE
## 79              3 Returning_Visitor    TRUE   FALSE
## 80              3 Returning_Visitor   FALSE   FALSE
## 81              5 Returning_Visitor    TRUE   FALSE
## 82              3 Returning_Visitor   FALSE   FALSE
## 83              3 Returning_Visitor   FALSE   FALSE
## 84              1 Returning_Visitor   FALSE   FALSE
## 85              1 Returning_Visitor    TRUE   FALSE
## 86              3 Returning_Visitor   FALSE   FALSE
## 87              1 Returning_Visitor   FALSE   FALSE
## 88              3 Returning_Visitor   FALSE   FALSE
## 89              3 Returning_Visitor   FALSE   FALSE
## 90              2 Returning_Visitor   FALSE   FALSE
## 91              3 Returning_Visitor   FALSE   FALSE
## 92              2 Returning_Visitor    TRUE   FALSE
## 93              3 Returning_Visitor   FALSE   FALSE
## 94              5       New_Visitor   FALSE   FALSE
## 95              3 Returning_Visitor   FALSE   FALSE
## 96              3 Returning_Visitor   FALSE   FALSE
## 97              3 Returning_Visitor   FALSE   FALSE
## 98              4 Returning_Visitor   FALSE   FALSE
## 99              7 Returning_Visitor   FALSE   FALSE
## 100             4 Returning_Visitor   FALSE   FALSE
## 101             2 Returning_Visitor   FALSE   FALSE
## 102             4 Returning_Visitor    TRUE    TRUE
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```
## 103            2 Returning_Visitor   FALSE   FALSE
## 104            3 Returning_Visitor   FALSE   FALSE
## 105            4 Returning_Visitor   FALSE   FALSE
## 106            2 Returning_Visitor   FALSE   FALSE
## 107            3 Returning_Visitor   FALSE   FALSE
## 108            3 Returning_Visitor   FALSE   FALSE
## 109            3 Returning_Visitor   FALSE   FALSE
## 110            3 Returning_Visitor   FALSE   FALSE
## 111            3 Returning_Visitor   FALSE   FALSE
## 112            3 Returning_Visitor   FALSE   FALSE
## 113            3 Returning_Visitor   FALSE   FALSE
## 114            1 Returning_Visitor   FALSE   FALSE
## 115            3 Returning_Visitor   FALSE   FALSE
## 116            4 Returning_Visitor    TRUE   FALSE
## 117            3 Returning_Visitor   FALSE   FALSE
## 118            1 Returning_Visitor   FALSE   FALSE
## 119            3 Returning_Visitor   FALSE   FALSE
## 120            3 Returning_Visitor   FALSE   FALSE
## 121            1 Returning_Visitor   FALSE   FALSE
## 122            2 Returning_Visitor   FALSE   FALSE
## 123            3 Returning_Visitor   FALSE   FALSE
## 124            3 Returning_Visitor   FALSE   FALSE
## 125            1 Returning_Visitor   FALSE   FALSE
## 126            3 Returning_Visitor   FALSE   FALSE
## 127            3 Returning_Visitor   FALSE   FALSE
## 128            3 Returning_Visitor   FALSE   FALSE
## 129            3 Returning_Visitor   FALSE   FALSE
## 130            1 Returning_Visitor   FALSE   FALSE
## 131            2 Returning_Visitor    TRUE   FALSE
## 132            6 Returning_Visitor   FALSE   FALSE
## 133            3 Returning_Visitor   FALSE   FALSE
## 134            3 Returning_Visitor   FALSE   FALSE
## 135            3 Returning_Visitor   FALSE   FALSE
## 136            2 Returning_Visitor   FALSE   FALSE
## 137            2 Returning_Visitor   FALSE   FALSE
## 138            5 Returning_Visitor   FALSE   FALSE
## 139            4 Returning_Visitor   FALSE   FALSE
## 140            3 Returning_Visitor   FALSE   FALSE
## 141            3 Returning_Visitor   FALSE   FALSE
## 142            3 Returning_Visitor   FALSE   FALSE
## 143            3 Returning_Visitor   FALSE   FALSE
## 144            3 Returning_Visitor   FALSE   FALSE
## 145            6 Returning_Visitor   FALSE   FALSE
## 146            3 Returning_Visitor   FALSE   FALSE
## 147            1 Returning_Visitor   FALSE   FALSE
## 148            3 Returning_Visitor   FALSE   FALSE
## 149            3 Returning_Visitor   FALSE   FALSE
## 150            1 Returning_Visitor   FALSE   FALSE
## 151            1 Returning_Visitor   FALSE   FALSE
## 152            4 Returning_Visitor   FALSE   FALSE
## 153            1 Returning_Visitor   FALSE   FALSE
## 154            3 Returning_Visitor   FALSE   FALSE
## 155            1 Returning_Visitor   FALSE   FALSE
## 156            1 Returning_Visitor    TRUE   FALSE
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```
## 157            2 Returning_Visitor    TRUE   FALSE
## 158            3 Returning_Visitor    TRUE   FALSE
## 160            3 Returning_Visitor   FALSE   FALSE
## 161            2 Returning_Visitor   FALSE   FALSE
## 162            1 Returning_Visitor    TRUE   FALSE
## 163            2 Returning_Visitor    TRUE   FALSE
## 164            3 Returning_Visitor   FALSE   FALSE
## 165            3 Returning_Visitor   FALSE   FALSE
## 166            2 Returning_Visitor   FALSE   FALSE
## 167            3 Returning_Visitor   FALSE   FALSE
## 168            3 Returning_Visitor   FALSE   FALSE
## 169            1 Returning_Visitor   FALSE   FALSE
## 170            4 Returning_Visitor    TRUE   FALSE
## 171            4 Returning_Visitor    TRUE   FALSE
## 172            3 Returning_Visitor   FALSE   FALSE
## 173            3 Returning_Visitor   FALSE   FALSE
## 174            2 Returning_Visitor    TRUE   FALSE
## 175            1 Returning_Visitor    TRUE   FALSE
## 176            3 Returning_Visitor   FALSE   FALSE
## 177            2 Returning_Visitor   FALSE   FALSE
## 178            4 Returning_Visitor   FALSE   FALSE
## 180            2 Returning_Visitor   FALSE   FALSE
## 181            2 Returning_Visitor    TRUE   FALSE
## 182            3 Returning_Visitor   FALSE   FALSE
## 183            1 Returning_Visitor   FALSE   FALSE
## 184            3 Returning_Visitor    TRUE   FALSE
## 185            8 Returning_Visitor   FALSE   FALSE
## 186            1 Returning_Visitor   FALSE   FALSE
## 187            2 Returning_Visitor   FALSE   FALSE
## 188            2 Returning_Visitor    TRUE   FALSE
## 189            2 Returning_Visitor   FALSE    TRUE
## 190            1 Returning_Visitor   FALSE   FALSE
## 191            3 Returning_Visitor   FALSE   FALSE
## 192            2 Returning_Visitor   FALSE   FALSE
## 193            1 Returning_Visitor   FALSE   FALSE
## 194            1 Returning_Visitor   FALSE   FALSE
## 195            2 Returning_Visitor    TRUE   FALSE
## 196            3 Returning_Visitor   FALSE   FALSE
## 197            2       New_Visitor   FALSE    TRUE
## 198            2 Returning_Visitor   FALSE   FALSE
## 199            2       New_Visitor   FALSE    TRUE
## 200            2       New_Visitor    TRUE    TRUE
## 201            8 Returning_Visitor    TRUE    TRUE
## 202            9 Returning_Visitor    TRUE   FALSE
## 203            2       New_Visitor   FALSE   FALSE
## 204            8 Returning_Visitor   FALSE   FALSE
## 205           10 Returning_Visitor   FALSE   FALSE
## 206            2       New_Visitor   FALSE   FALSE
## 207            3       New_Visitor   FALSE    TRUE
## 208            2       New_Visitor    TRUE   FALSE
## 209            1       New_Visitor   FALSE   FALSE
## 210            3 Returning_Visitor   FALSE   FALSE
## 211            2 Returning_Visitor   FALSE   FALSE
## 212            1 Returning_Visitor   FALSE   FALSE
```

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## 213           11 Returning_Visitor   FALSE   FALSE
## 214            6 Returning_Visitor    TRUE   FALSE
## 215            2 Returning_Visitor   FALSE   FALSE
## 216            1 Returning_Visitor   FALSE   FALSE
## 217            3 Returning_Visitor   FALSE   FALSE
## 218            2 Returning_Visitor   FALSE   FALSE
## 219            2 Returning_Visitor   FALSE   FALSE
## 220           12 Returning_Visitor   FALSE   FALSE
## 221            1 Returning_Visitor   FALSE    TRUE
## 222            1 Returning_Visitor   FALSE   FALSE
## 223            1 Returning_Visitor   FALSE   FALSE
## 224            8       New_Visitor   FALSE   FALSE
## 225            2 Returning_Visitor   FALSE   FALSE
## 226           11 Returning_Visitor    TRUE   FALSE
## 227            1 Returning_Visitor   FALSE   FALSE
## 228            3 Returning_Visitor   FALSE   FALSE
## 229            1 Returning_Visitor   FALSE    TRUE
## 230            3 Returning_Visitor   FALSE   FALSE
## 231            9 Returning_Visitor    TRUE   FALSE
## 232            2 Returning_Visitor   FALSE   FALSE
## 233            3 Returning_Visitor    TRUE   FALSE
## 234            2 Returning_Visitor    TRUE   FALSE
## 235            1 Returning_Visitor    TRUE   FALSE
## 236            2 Returning_Visitor   FALSE   FALSE
## 237            8 Returning_Visitor    TRUE   FALSE
## 238            1 Returning_Visitor    TRUE   FALSE
## 239            3 Returning_Visitor    TRUE   FALSE
## 240            3 Returning_Visitor   FALSE   FALSE
## 241            2 Returning_Visitor   FALSE   FALSE
## 242            3 Returning_Visitor   FALSE   FALSE
## 243            1 Returning_Visitor   FALSE   FALSE
## 244            3 Returning_Visitor    TRUE   FALSE
## 245            2 Returning_Visitor   FALSE   FALSE
## 246            3 Returning_Visitor   FALSE   FALSE
## 247            1 Returning_Visitor   FALSE   FALSE
## 248            1 Returning_Visitor   FALSE   FALSE
## 249            2 Returning_Visitor   FALSE    TRUE
## 250            1 Returning_Visitor    TRUE   FALSE
## 251            3 Returning_Visitor    TRUE   FALSE
## 252            1 Returning_Visitor   FALSE   FALSE
## 253            1 Returning_Visitor   FALSE   FALSE
## 254            1 Returning_Visitor   FALSE   FALSE
## 255            1 Returning_Visitor    TRUE   FALSE
## 256            1 Returning_Visitor   FALSE   FALSE
## 257            2 Returning_Visitor   FALSE   FALSE
## 258            8 Returning_Visitor   FALSE   FALSE
## 259            1 Returning_Visitor   FALSE   FALSE
## 260            8       New_Visitor   FALSE   FALSE
## 261            1 Returning_Visitor    TRUE   FALSE
## 262            2 Returning_Visitor   FALSE   FALSE
## 263            2 Returning_Visitor    TRUE    TRUE
## 264            1 Returning_Visitor   FALSE   FALSE
## 265            2 Returning_Visitor   FALSE   FALSE
## 266            1 Returning_Visitor    TRUE    TRUE
```

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## 267            2 Returning_Visitor   FALSE   FALSE
## 268           10 Returning_Visitor   FALSE   FALSE
## 269            1 Returning_Visitor   FALSE   FALSE
## 270            3 Returning_Visitor    TRUE   FALSE
## 271            1 Returning_Visitor    TRUE   FALSE
## 272            1 Returning_Visitor   FALSE   FALSE
## 273            8       New_Visitor   FALSE   FALSE
## 274            3 Returning_Visitor   FALSE   FALSE
## 275            9 Returning_Visitor    TRUE   FALSE
## 276            1 Returning_Visitor   FALSE   FALSE
## 277            3 Returning_Visitor    TRUE    TRUE
## 278            1 Returning_Visitor   FALSE   FALSE
## 279            2 Returning_Visitor   FALSE   FALSE
## 280            1 Returning_Visitor   FALSE   FALSE
## 281            3 Returning_Visitor    TRUE   FALSE
## 282           11 Returning_Visitor    TRUE    TRUE
## 283            3 Returning_Visitor   FALSE   FALSE
## 284            3 Returning_Visitor   FALSE   FALSE
## 285            2 Returning_Visitor   FALSE   FALSE
## 286            1 Returning_Visitor   FALSE   FALSE
## 287            1 Returning_Visitor   FALSE   FALSE
## 288            1 Returning_Visitor   FALSE   FALSE
## 289            1 Returning_Visitor   FALSE   FALSE
## 290           10 Returning_Visitor   FALSE   FALSE
## 291            3 Returning_Visitor   FALSE   FALSE
## 292            6 Returning_Visitor   FALSE   FALSE
## 293            1 Returning_Visitor   FALSE   FALSE
## 294            1 Returning_Visitor    TRUE   FALSE
## 295            7 Returning_Visitor   FALSE    TRUE
## 296            3 Returning_Visitor   FALSE    TRUE
## 297            1 Returning_Visitor   FALSE   FALSE
## 298            1 Returning_Visitor   FALSE   FALSE
## 299            1 Returning_Visitor   FALSE   FALSE
## 300            3 Returning_Visitor   FALSE   FALSE
## 301            9 Returning_Visitor    TRUE   FALSE
## 302            3 Returning_Visitor    TRUE   FALSE
## 303            1 Returning_Visitor   FALSE   FALSE
## 304            1 Returning_Visitor   FALSE   FALSE
## 305            3 Returning_Visitor   FALSE   FALSE
## 306            1 Returning_Visitor   FALSE   FALSE
## 307            3 Returning_Visitor    TRUE   FALSE
## 308            1 Returning_Visitor   FALSE   FALSE
## 309           11 Returning_Visitor   FALSE   FALSE
## 310            9 Returning_Visitor    TRUE   FALSE
## 311           13 Returning_Visitor   FALSE   FALSE
## 312            3 Returning_Visitor    TRUE   FALSE
## 313            1 Returning_Visitor   FALSE   FALSE
## 314            1 Returning_Visitor   FALSE   FALSE
## 315            2 Returning_Visitor   FALSE   FALSE
## 316            2 Returning_Visitor   FALSE   FALSE
## 317            1 Returning_Visitor   FALSE   FALSE
## 318            8 Returning_Visitor   FALSE   FALSE
## 319            1 Returning_Visitor   FALSE   FALSE
## 320            1 Returning_Visitor   FALSE   FALSE
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## 321            1 Returning_Visitor   FALSE    TRUE
## 322            1 Returning_Visitor   FALSE   FALSE
## 323            2 Returning_Visitor   FALSE   FALSE
## 324            2       New_Visitor   FALSE   FALSE
## 325            1 Returning_Visitor   FALSE   FALSE
## 326            1 Returning_Visitor   FALSE   FALSE
## 327            2       New_Visitor   FALSE   FALSE
## 328            1 Returning_Visitor    TRUE   FALSE
## 329            9 Returning_Visitor   FALSE   FALSE
## 330            2       New_Visitor   FALSE   FALSE
## 331            1 Returning_Visitor   FALSE   FALSE
## 332            2       New_Visitor   FALSE   FALSE
## 333            1 Returning_Visitor   FALSE   FALSE
## 334            1 Returning_Visitor   FALSE   FALSE
## 335            1 Returning_Visitor   FALSE   FALSE
## 336            1 Returning_Visitor   FALSE   FALSE
## 337            3 Returning_Visitor   FALSE   FALSE
## 338            2 Returning_Visitor   FALSE   FALSE
## 339            2 Returning_Visitor   FALSE   FALSE
## 340            2 Returning_Visitor   FALSE   FALSE
## 341            3 Returning_Visitor   FALSE   FALSE
## 342            1 Returning_Visitor   FALSE   FALSE
## 343            3 Returning_Visitor   FALSE   FALSE
## 344            1 Returning_Visitor   FALSE   FALSE
## 345            1 Returning_Visitor   FALSE   FALSE
## 346            8       New_Visitor   FALSE   FALSE
## 347            3 Returning_Visitor   FALSE   FALSE
## 348            3 Returning_Visitor   FALSE   FALSE
## 349            3       New_Visitor   FALSE   FALSE
## 350            1 Returning_Visitor    TRUE   FALSE
## 351            1       New_Visitor   FALSE   FALSE
## 352            1 Returning_Visitor   FALSE   FALSE
## 353            1 Returning_Visitor    TRUE   FALSE
## 354            2 Returning_Visitor   FALSE   FALSE
## 355            1 Returning_Visitor   FALSE   FALSE
## 356            3 Returning_Visitor   FALSE    TRUE
## 357            1 Returning_Visitor   FALSE   FALSE
## 358            2 Returning_Visitor   FALSE   FALSE
## 359            2 Returning_Visitor   FALSE   FALSE
## 360            1 Returning_Visitor   FALSE   FALSE
## 361            1 Returning_Visitor   FALSE   FALSE
## 362            1 Returning_Visitor    TRUE   FALSE
## 363            1 Returning_Visitor   FALSE   FALSE
## 364            3 Returning_Visitor   FALSE   FALSE
## 365            2 Returning_Visitor    TRUE   FALSE
## 366            3       New_Visitor   FALSE    TRUE
## 367            3 Returning_Visitor    TRUE   FALSE
## 368            2 Returning_Visitor   FALSE   FALSE
## 369            1 Returning_Visitor   FALSE   FALSE
## 370            3 Returning_Visitor    TRUE   FALSE
## 371            1 Returning_Visitor   FALSE   FALSE
## 372            1 Returning_Visitor   FALSE   FALSE
## 373            8       New_Visitor    TRUE   FALSE
## 374            2 Returning_Visitor   FALSE   FALSE
```

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## 375            1 Returning_Visitor   FALSE   FALSE
## 376            1 Returning_Visitor   FALSE   FALSE
## 377            2 Returning_Visitor   FALSE   FALSE
## 378            1 Returning_Visitor    TRUE   FALSE
## 379           10 Returning_Visitor   FALSE   FALSE
## 380            2 Returning_Visitor   FALSE    TRUE
## 381            3 Returning_Visitor   FALSE   FALSE
## 382            3 Returning_Visitor   FALSE   FALSE
## 383            1 Returning_Visitor   FALSE   FALSE
## 384            3 Returning_Visitor   FALSE   FALSE
## 385            2 Returning_Visitor   FALSE   FALSE
## 386            1 Returning_Visitor   FALSE   FALSE
## 387            2 Returning_Visitor   FALSE   FALSE
## 388            2 Returning_Visitor   FALSE   FALSE
## 389            6 Returning_Visitor   FALSE   FALSE
## 390            3 Returning_Visitor   FALSE   FALSE
## 391            1 Returning_Visitor   FALSE    TRUE
## 392            1 Returning_Visitor   FALSE   FALSE
## 393            1 Returning_Visitor    TRUE   FALSE
## 394            1 Returning_Visitor   FALSE   FALSE
## 395            3 Returning_Visitor    TRUE   FALSE
## 396            2 Returning_Visitor   FALSE   FALSE
## 397           10       New_Visitor   FALSE   FALSE
## 398            2 Returning_Visitor   FALSE   FALSE
## 399            1 Returning_Visitor   FALSE   FALSE
## 400            2 Returning_Visitor   FALSE    TRUE
## 401            1 Returning_Visitor   FALSE    TRUE
## 402            1 Returning_Visitor   FALSE   FALSE
## 403            2       New_Visitor   FALSE   FALSE
## 404            1 Returning_Visitor   FALSE   FALSE
## 405            2       New_Visitor   FALSE   FALSE
## 406            1 Returning_Visitor   FALSE   FALSE
## 407            7       New_Visitor   FALSE   FALSE
## 408            2 Returning_Visitor   FALSE   FALSE
## 409            9 Returning_Visitor    TRUE    TRUE
## 410            6 Returning_Visitor   FALSE   FALSE
## 411            1 Returning_Visitor   FALSE   FALSE
## 412            1 Returning_Visitor    TRUE   FALSE
## 413            8       New_Visitor    TRUE   FALSE
## 414           10 Returning_Visitor    TRUE   FALSE
## 415            2 Returning_Visitor    TRUE   FALSE
## 416           10 Returning_Visitor   FALSE   FALSE
## 417            3 Returning_Visitor    TRUE    TRUE
## 418            1 Returning_Visitor    TRUE   FALSE
## 420            2 Returning_Visitor   FALSE   FALSE
## 421            1 Returning_Visitor    TRUE   FALSE
## 422            1 Returning_Visitor   FALSE   FALSE
## 423            2 Returning_Visitor   FALSE   FALSE
## 424            2 Returning_Visitor    TRUE   FALSE
## 425            2 Returning_Visitor   FALSE    TRUE
## 426            2 Returning_Visitor    TRUE   FALSE
## 427            3 Returning_Visitor    TRUE   FALSE
## 428            3 Returning_Visitor   FALSE   FALSE
## 429            2 Returning_Visitor   FALSE   FALSE
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## 430           11 Returning_Visitor   FALSE   FALSE
## 431            6 Returning_Visitor   FALSE   FALSE
## 432            1 Returning_Visitor    TRUE   FALSE
## 433            1 Returning_Visitor   FALSE   FALSE
## 434            2       New_Visitor    TRUE   FALSE
## 435           13 Returning_Visitor    TRUE   FALSE
## 436            2       New_Visitor    TRUE   FALSE
## 437            1 Returning_Visitor   FALSE   FALSE
## 438            1 Returning_Visitor   FALSE   FALSE
## 439            3 Returning_Visitor   FALSE   FALSE
## 440            2 Returning_Visitor   FALSE   FALSE
## 441            2 Returning_Visitor    TRUE   FALSE
## 442            6 Returning_Visitor   FALSE   FALSE
## 443            2 Returning_Visitor   FALSE   FALSE
## 444           11       New_Visitor   FALSE   FALSE
## 445           10 Returning_Visitor   FALSE   FALSE
## 446           10 Returning_Visitor    TRUE   FALSE
## 447            2 Returning_Visitor   FALSE   FALSE
## 448            2       New_Visitor   FALSE   FALSE
## 449            3 Returning_Visitor   FALSE   FALSE
## 450            1 Returning_Visitor    TRUE   FALSE
## 451            2 Returning_Visitor   FALSE   FALSE
## 452            2       New_Visitor   FALSE   FALSE
## 453            1 Returning_Visitor   FALSE   FALSE
## 454            2 Returning_Visitor    TRUE   FALSE
## 455            3       New_Visitor    TRUE   FALSE
## 456            9 Returning_Visitor    TRUE   FALSE
## 458            2       New_Visitor    TRUE    TRUE
## 459            1 Returning_Visitor   FALSE   FALSE
## 460            3 Returning_Visitor   FALSE   FALSE
## 461            9       New_Visitor    TRUE   FALSE
## 462            1 Returning_Visitor   FALSE   FALSE
## 463           14 Returning_Visitor    TRUE   FALSE
## 464            2 Returning_Visitor   FALSE   FALSE
## 465            1 Returning_Visitor   FALSE   FALSE
## 466            1 Returning_Visitor    TRUE   FALSE
## 467            2 Returning_Visitor   FALSE   FALSE
## 468            1 Returning_Visitor   FALSE   FALSE
## 469            1 Returning_Visitor   FALSE   FALSE
## 470            1 Returning_Visitor    TRUE   FALSE
## 471            2 Returning_Visitor   FALSE   FALSE
## 472            1 Returning_Visitor   FALSE   FALSE
## 473            3 Returning_Visitor   FALSE   FALSE
## 474            3 Returning_Visitor    TRUE   FALSE
## 475            1 Returning_Visitor   FALSE   FALSE
## 476            3       New_Visitor    TRUE   FALSE
## 477            2       New_Visitor    TRUE   FALSE
## 478            1 Returning_Visitor   FALSE   FALSE
## 479            2 Returning_Visitor   FALSE   FALSE
## 480            3 Returning_Visitor   FALSE   FALSE
## 481            3 Returning_Visitor   FALSE   FALSE
## 482            1 Returning_Visitor   FALSE   FALSE
## 483            1 Returning_Visitor   FALSE   FALSE
## 485            2       New_Visitor   FALSE   FALSE
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## 486            1 Returning_Visitor   FALSE   FALSE
## 487            3 Returning_Visitor   FALSE   FALSE
## 488            7 Returning_Visitor   FALSE   FALSE
## 489            1 Returning_Visitor    TRUE   FALSE
## 490           10 Returning_Visitor   FALSE   FALSE
## 491            1 Returning_Visitor    TRUE   FALSE
## 492            9 Returning_Visitor    TRUE   FALSE
## 493            3 Returning_Visitor   FALSE   FALSE
## 494            1 Returning_Visitor   FALSE   FALSE
## 495            2       New_Visitor    TRUE   FALSE
## 496            1 Returning_Visitor    TRUE   FALSE
## 497            9 Returning_Visitor    TRUE   FALSE
## 498            3 Returning_Visitor    TRUE   FALSE
## 499            2 Returning_Visitor    TRUE   FALSE
## 500            2 Returning_Visitor   FALSE   FALSE
## 501            1 Returning_Visitor   FALSE   FALSE
## 502            3 Returning_Visitor   FALSE   FALSE
## 503            2 Returning_Visitor   FALSE   FALSE
## 504            1 Returning_Visitor   FALSE    TRUE
## 505           13 Returning_Visitor   FALSE   FALSE
## 506            2       New_Visitor    TRUE   FALSE
## 507           13 Returning_Visitor   FALSE   FALSE
## 508            1 Returning_Visitor   FALSE   FALSE
## 509            3 Returning_Visitor   FALSE   FALSE
## 510            1 Returning_Visitor   FALSE   FALSE
## 511            2 Returning_Visitor   FALSE    TRUE
## 512            2 Returning_Visitor   FALSE   FALSE
## 514            1 Returning_Visitor    TRUE   FALSE
## 515            2 Returning_Visitor   FALSE   FALSE
## 516            3 Returning_Visitor   FALSE   FALSE
## 517            3 Returning_Visitor   FALSE   FALSE
## 518            3 Returning_Visitor    TRUE   FALSE
## 519           14 Returning_Visitor   FALSE   FALSE
## 520            3 Returning_Visitor    TRUE   FALSE
## 521           10 Returning_Visitor   FALSE   FALSE
## 522            3 Returning_Visitor   FALSE   FALSE
## 523            3 Returning_Visitor    TRUE   FALSE
## 524            3 Returning_Visitor    TRUE   FALSE
## 525            1 Returning_Visitor   FALSE   FALSE
## 526           10 Returning_Visitor   FALSE   FALSE
## 527            1 Returning_Visitor    TRUE   FALSE
## 528            1 Returning_Visitor   FALSE   FALSE
## 529            2 Returning_Visitor   FALSE   FALSE
## 530            1 Returning_Visitor   FALSE   FALSE
## 531            2 Returning_Visitor   FALSE   FALSE
## 532            3 Returning_Visitor   FALSE   FALSE
## 533            1 Returning_Visitor   FALSE   FALSE
## 534            3 Returning_Visitor    TRUE   FALSE
## 535            3 Returning_Visitor    TRUE   FALSE
## 536            1 Returning_Visitor   FALSE   FALSE
## 537            2 Returning_Visitor   FALSE   FALSE
## 538           10 Returning_Visitor   FALSE   FALSE
## 539           10 Returning_Visitor   FALSE   FALSE
## 540            1 Returning_Visitor   FALSE   FALSE
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## 541            1 Returning_Visitor   FALSE   FALSE
## 542            1 Returning_Visitor   FALSE   FALSE
## 543            2       New_Visitor   FALSE   FALSE
## 544            3 Returning_Visitor    TRUE   FALSE
## 545            2 Returning_Visitor   FALSE   FALSE
## 546            2       New_Visitor    TRUE   FALSE
## 547            1 Returning_Visitor    TRUE   FALSE
## 548            8       New_Visitor   FALSE   FALSE
## 549            2       New_Visitor   FALSE   FALSE
## 550            1 Returning_Visitor   FALSE   FALSE
## 551            1 Returning_Visitor   FALSE   FALSE
## 552            3 Returning_Visitor   FALSE   FALSE
## 553            1 Returning_Visitor   FALSE   FALSE
## 554            1 Returning_Visitor   FALSE   FALSE
## 556            2 Returning_Visitor   FALSE   FALSE
## 557            8       New_Visitor   FALSE   FALSE
## 558            3 Returning_Visitor    TRUE   FALSE
## 559            3 Returning_Visitor   FALSE   FALSE
## 560            3 Returning_Visitor   FALSE   FALSE
## 561            2 Returning_Visitor   FALSE   FALSE
## 562            8 Returning_Visitor   FALSE   FALSE
## 563            1 Returning_Visitor   FALSE   FALSE
## 564           10 Returning_Visitor   FALSE   FALSE
## 565            1 Returning_Visitor   FALSE   FALSE
## 566            3 Returning_Visitor    TRUE   FALSE
## 567            2 Returning_Visitor    TRUE   FALSE
## 568            2 Returning_Visitor   FALSE   FALSE
## 569           13 Returning_Visitor   FALSE   FALSE
## 570            1 Returning_Visitor    TRUE   FALSE
## 571           10 Returning_Visitor    TRUE   FALSE
## 572            1 Returning_Visitor   FALSE   FALSE
## 573            1 Returning_Visitor   FALSE   FALSE
## 574            3 Returning_Visitor    TRUE   FALSE
## 575            1 Returning_Visitor   FALSE   FALSE
## 576            1 Returning_Visitor    TRUE   FALSE
## 577            1 Returning_Visitor   FALSE   FALSE
## 578            1 Returning_Visitor    TRUE   FALSE
## 579            1 Returning_Visitor    TRUE   FALSE
## 580            2       New_Visitor   FALSE   FALSE
## 581            6 Returning_Visitor   FALSE   FALSE
## 582            3 Returning_Visitor    TRUE   FALSE
## 583            8       New_Visitor   FALSE   FALSE
## 584            2 Returning_Visitor   FALSE   FALSE
## 585            2 Returning_Visitor   FALSE   FALSE
## 586           10 Returning_Visitor   FALSE   FALSE
## 587           10 Returning_Visitor   FALSE   FALSE
## 588           10 Returning_Visitor   FALSE    TRUE
## 589            1 Returning_Visitor   FALSE   FALSE
## 591            6 Returning_Visitor   FALSE   FALSE
## 592            3 Returning_Visitor   FALSE   FALSE
## 593            1 Returning_Visitor   FALSE   FALSE
## 594            8       New_Visitor   FALSE   FALSE
## 595            1 Returning_Visitor   FALSE   FALSE
## 596            2 Returning_Visitor   FALSE   FALSE
```

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## 597            1 Returning_Visitor   FALSE   FALSE
## 598            1 Returning_Visitor   FALSE   FALSE
## 599            1 Returning_Visitor   FALSE   FALSE
## 600            1 Returning_Visitor   FALSE   FALSE
## 601            3 Returning_Visitor    TRUE   FALSE
## 602            2 Returning_Visitor   FALSE    TRUE
## 603            1 Returning_Visitor   FALSE   FALSE
## 604            7 Returning_Visitor    TRUE    TRUE
## 605            1 Returning_Visitor   FALSE   FALSE
## 606            1 Returning_Visitor   FALSE   FALSE
## 607            2 Returning_Visitor    TRUE   FALSE
## 608           10 Returning_Visitor   FALSE   FALSE
## 609            2 Returning_Visitor    TRUE   FALSE
## 610            8       New_Visitor   FALSE    TRUE
## 611            2 Returning_Visitor    TRUE    TRUE
## 612            2 Returning_Visitor   FALSE   FALSE
## 613            1 Returning_Visitor   FALSE    TRUE
## 614            2 Returning_Visitor   FALSE   FALSE
## 615            2 Returning_Visitor    TRUE    TRUE
## 616           13 Returning_Visitor   FALSE   FALSE
## 617            2 Returning_Visitor   FALSE   FALSE
## 618            2 Returning_Visitor   FALSE   FALSE
## 619            3 Returning_Visitor   FALSE   FALSE
## 620            2 Returning_Visitor   FALSE   FALSE
## 621            3 Returning_Visitor   FALSE   FALSE
## 622            2 Returning_Visitor   FALSE    TRUE
## 623            1 Returning_Visitor   FALSE   FALSE
## 624            3 Returning_Visitor   FALSE   FALSE
## 625            2 Returning_Visitor   FALSE   FALSE
## 626            2 Returning_Visitor    TRUE   FALSE
## 627            1 Returning_Visitor   FALSE   FALSE
## 628            3       New_Visitor   FALSE   FALSE
## 629            2 Returning_Visitor   FALSE   FALSE
## 630            1 Returning_Visitor   FALSE   FALSE
## 631            2 Returning_Visitor   FALSE   FALSE
## 632            2 Returning_Visitor   FALSE   FALSE
## 633            1 Returning_Visitor   FALSE   FALSE
## 634            2 Returning_Visitor    TRUE    TRUE
## 635            3 Returning_Visitor   FALSE   FALSE
## 636            3 Returning_Visitor   FALSE   FALSE
## 637            3 Returning_Visitor   FALSE   FALSE
## 638            2 Returning_Visitor   FALSE    TRUE
## 639            3 Returning_Visitor   FALSE   FALSE
## 640            2 Returning_Visitor   FALSE   FALSE
## 641            1 Returning_Visitor    TRUE   FALSE
## 642            2 Returning_Visitor   FALSE    TRUE
## 643            2 Returning_Visitor   FALSE   FALSE
## 644            1 Returning_Visitor   FALSE   FALSE
## 645            1 Returning_Visitor   FALSE   FALSE
## 646            1 Returning_Visitor   FALSE   FALSE
## 647            8 Returning_Visitor   FALSE   FALSE
## 648            2 Returning_Visitor    TRUE    TRUE
## 649            2       New_Visitor   FALSE   FALSE
## 650            1 Returning_Visitor   FALSE   FALSE
```

```
## 651           13 Returning_Visitor    TRUE   FALSE
## 652            1 Returning_Visitor   FALSE   FALSE
## 653            2       New_Visitor   FALSE    TRUE
## 654            2 Returning_Visitor    TRUE   FALSE
## 655            1 Returning_Visitor   FALSE   FALSE
## 656            2 Returning_Visitor   FALSE   FALSE
## 657            1 Returning_Visitor   FALSE   FALSE
## 658            1 Returning_Visitor   FALSE   FALSE
## 659            1 Returning_Visitor   FALSE   FALSE
## 661            3 Returning_Visitor    TRUE   FALSE
## 662            1 Returning_Visitor   FALSE   FALSE
## 663            8       New_Visitor    TRUE   FALSE
## 664            3 Returning_Visitor   FALSE   FALSE
## 665            1 Returning_Visitor    TRUE   FALSE
## 666            2 Returning_Visitor   FALSE    TRUE
## 667            3 Returning_Visitor   FALSE   FALSE
## 668           10 Returning_Visitor   FALSE   FALSE
## 669            3       New_Visitor    TRUE   FALSE
## 670            3 Returning_Visitor   FALSE   FALSE
## 671            2 Returning_Visitor   FALSE   FALSE
## 672            1 Returning_Visitor   FALSE   FALSE
## 673            1 Returning_Visitor   FALSE   FALSE
## 674            6 Returning_Visitor    TRUE   FALSE
## 675            2 Returning_Visitor   FALSE   FALSE
## 676            3 Returning_Visitor   FALSE   FALSE
## 677            1 Returning_Visitor   FALSE   FALSE
## 678            9 Returning_Visitor    TRUE   FALSE
## 679            2       New_Visitor    TRUE   FALSE
## 680            1 Returning_Visitor   FALSE   FALSE
## 681            1 Returning_Visitor   FALSE   FALSE
## 682            2 Returning_Visitor   FALSE   FALSE
## 683            1 Returning_Visitor    TRUE    TRUE
## 684            1 Returning_Visitor   FALSE   FALSE
## 685            3 Returning_Visitor   FALSE   FALSE
## 686            3 Returning_Visitor    TRUE   FALSE
## 687            2 Returning_Visitor   FALSE   FALSE
## 688           15 Returning_Visitor    TRUE   FALSE
## 689           10 Returning_Visitor   FALSE   FALSE
## 690            2 Returning_Visitor   FALSE   FALSE
## 691            3 Returning_Visitor   FALSE   FALSE
## 692            3 Returning_Visitor   FALSE   FALSE
## 693            8 Returning_Visitor    TRUE   FALSE
## 694            3 Returning_Visitor   FALSE   FALSE
## 695            1 Returning_Visitor   FALSE    TRUE
## 696            3 Returning_Visitor    TRUE    TRUE
## 697            2 Returning_Visitor    TRUE   FALSE
## 698            8 Returning_Visitor    TRUE    TRUE
## 699            1 Returning_Visitor   FALSE   FALSE
## 700            8       New_Visitor    TRUE   FALSE
## 701           10 Returning_Visitor   FALSE   FALSE
## 702            1 Returning_Visitor   FALSE   FALSE
## 703           10 Returning_Visitor   FALSE    TRUE
## 704            1 Returning_Visitor   FALSE   FALSE
## 705            2 Returning_Visitor   FALSE    TRUE
```

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## 706            3 Returning_Visitor   FALSE   FALSE
## 707            3 Returning_Visitor    TRUE   FALSE
## 708            2 Returning_Visitor   FALSE   FALSE
## 709            2       New_Visitor   FALSE   FALSE
## 710           10 Returning_Visitor   FALSE   FALSE
## 711            2 Returning_Visitor   FALSE   FALSE
## 712           10 Returning_Visitor   FALSE   FALSE
## 713            2 Returning_Visitor   FALSE   FALSE
## 714            1 Returning_Visitor   FALSE   FALSE
## 715           10 Returning_Visitor   FALSE   FALSE
## 716            1 Returning_Visitor   FALSE   FALSE
## 717            1 Returning_Visitor   FALSE   FALSE
## 718            2 Returning_Visitor   FALSE   FALSE
## 719            1 Returning_Visitor   FALSE   FALSE
## 720            6       New_Visitor   FALSE   FALSE
## 721            3 Returning_Visitor   FALSE   FALSE
## 722            2 Returning_Visitor   FALSE   FALSE
## 723            1 Returning_Visitor    TRUE    TRUE
## 724            3 Returning_Visitor    TRUE   FALSE
## 725            1 Returning_Visitor   FALSE   FALSE
## 726            1 Returning_Visitor   FALSE   FALSE
## 727           10 Returning_Visitor   FALSE   FALSE
## 728            3 Returning_Visitor   FALSE   FALSE
## 729            1 Returning_Visitor    TRUE   FALSE
## 730            3 Returning_Visitor   FALSE   FALSE
## 731           13 Returning_Visitor    TRUE   FALSE
## 732            3 Returning_Visitor   FALSE   FALSE
## 733            3 Returning_Visitor    TRUE   FALSE
## 734            2 Returning_Visitor   FALSE   FALSE
## 735            1 Returning_Visitor    TRUE   FALSE
## 736           10 Returning_Visitor   FALSE    TRUE
## 737            3 Returning_Visitor   FALSE   FALSE
## 738            2 Returning_Visitor   FALSE   FALSE
## 739            8       New_Visitor   FALSE   FALSE
## 740            9 Returning_Visitor    TRUE   FALSE
## 741            1 Returning_Visitor   FALSE   FALSE
## 742            1 Returning_Visitor    TRUE   FALSE
## 743           13 Returning_Visitor   FALSE   FALSE
## 744            1 Returning_Visitor   FALSE   FALSE
## 745            2 Returning_Visitor   FALSE   FALSE
## 746            2 Returning_Visitor   FALSE   FALSE
## 747            1 Returning_Visitor   FALSE   FALSE
## 748            3 Returning_Visitor   FALSE   FALSE
## 749            8 Returning_Visitor   FALSE   FALSE
## 750            1 Returning_Visitor   FALSE   FALSE
## 751            3 Returning_Visitor    TRUE    TRUE
## 752            1 Returning_Visitor   FALSE   FALSE
## 753            2 Returning_Visitor   FALSE    TRUE
## 754            2 Returning_Visitor    TRUE   FALSE
## 755            2       New_Visitor    TRUE   FALSE
## 756            3       New_Visitor   FALSE   FALSE
## 757            2 Returning_Visitor   FALSE   FALSE
## 758            1 Returning_Visitor   FALSE   FALSE
## 759            2       New_Visitor   FALSE    TRUE
```

```
## 760            2 Returning_Visitor   FALSE   FALSE
## 761            2 Returning_Visitor   FALSE    TRUE
## 762            1 Returning_Visitor   FALSE   FALSE
## 763            3 Returning_Visitor   FALSE   FALSE
## 764            3 Returning_Visitor   FALSE   FALSE
## 765            1 Returning_Visitor   FALSE   FALSE
## 766            3 Returning_Visitor    TRUE   FALSE
## 767            3 Returning_Visitor   FALSE   FALSE
## 768            1 Returning_Visitor   FALSE   FALSE
## 769            2 Returning_Visitor   FALSE   FALSE
## 770            2 Returning_Visitor   FALSE   FALSE
## 771            6 Returning_Visitor    TRUE   FALSE
## 772            3 Returning_Visitor    TRUE   FALSE
## 773            2 Returning_Visitor   FALSE    TRUE
## 774            3       New_Visitor    TRUE   FALSE
## 776            3 Returning_Visitor   FALSE   FALSE
## 777            3 Returning_Visitor   FALSE   FALSE
## 778           13 Returning_Visitor    TRUE   FALSE
## 779            1 Returning_Visitor    TRUE   FALSE
## 780            2 Returning_Visitor   FALSE    TRUE
## 781            1 Returning_Visitor   FALSE   FALSE
## 782            9       New_Visitor    TRUE   FALSE
## 783            2       New_Visitor   FALSE   FALSE
## 784           10 Returning_Visitor   FALSE    TRUE
## 785            2 Returning_Visitor   FALSE   FALSE
## 786            3 Returning_Visitor   FALSE   FALSE
## 787            2 Returning_Visitor   FALSE   FALSE
## 788            2 Returning_Visitor    TRUE   FALSE
## 789            2 Returning_Visitor    TRUE   FALSE
## 790            1 Returning_Visitor   FALSE   FALSE
## 791            3 Returning_Visitor   FALSE   FALSE
## 792            1 Returning_Visitor   FALSE   FALSE
## 793            9 Returning_Visitor    TRUE   FALSE
## 794            8       New_Visitor   FALSE   FALSE
## 795            3 Returning_Visitor   FALSE   FALSE
## 796            1 Returning_Visitor    TRUE   FALSE
## 797           10 Returning_Visitor   FALSE   FALSE
## 798            3 Returning_Visitor   FALSE   FALSE
## 799           11 Returning_Visitor   FALSE   FALSE
## 800            8       New_Visitor   FALSE   FALSE
## 801            8       New_Visitor   FALSE   FALSE
## 802            8       New_Visitor   FALSE   FALSE
## 803            9 Returning_Visitor    TRUE    TRUE
## 804            1 Returning_Visitor   FALSE   FALSE
## 805            3 Returning_Visitor   FALSE   FALSE
## 806            3 Returning_Visitor   FALSE   FALSE
## 807            2 Returning_Visitor   FALSE   FALSE
## 808            3 Returning_Visitor   FALSE   FALSE
## 809            2       New_Visitor    TRUE   FALSE
## 810            2       New_Visitor   FALSE   FALSE
## 811            2 Returning_Visitor    TRUE    TRUE
## 812            3 Returning_Visitor    TRUE   FALSE
## 813            1 Returning_Visitor    TRUE   FALSE
## 814            1 Returning_Visitor   FALSE    TRUE
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## 815            1 Returning_Visitor   FALSE   FALSE
## 816            2       New_Visitor   FALSE   FALSE
## 817            2       New_Visitor    TRUE   FALSE
## 818           11 Returning_Visitor   FALSE   FALSE
## 819            1 Returning_Visitor   FALSE   FALSE
## 820            3 Returning_Visitor   FALSE   FALSE
## 821            1 Returning_Visitor   FALSE   FALSE
## 822            1 Returning_Visitor   FALSE   FALSE
## 823            1 Returning_Visitor   FALSE   FALSE
## 824            1 Returning_Visitor   FALSE   FALSE
## 825            3 Returning_Visitor   FALSE   FALSE
## 826            1 Returning_Visitor   FALSE   FALSE
## 827            3 Returning_Visitor   FALSE   FALSE
## 828            3 Returning_Visitor   FALSE   FALSE
## 829            1 Returning_Visitor    TRUE   FALSE
## 830            2 Returning_Visitor    TRUE   FALSE
## 831            6 Returning_Visitor   FALSE   FALSE
## 832            1 Returning_Visitor   FALSE   FALSE
## 833            3 Returning_Visitor   FALSE   FALSE
## 834            2       New_Visitor    TRUE   FALSE
## 835            8 Returning_Visitor    TRUE   FALSE
## 836           11       New_Visitor    TRUE   FALSE
## 837            2 Returning_Visitor    TRUE   FALSE
## 838            2 Returning_Visitor   FALSE    TRUE
## 839            3 Returning_Visitor    TRUE   FALSE
## 840           10 Returning_Visitor   FALSE   FALSE
## 841            9 Returning_Visitor    TRUE   FALSE
## 842            2 Returning_Visitor   FALSE   FALSE
## 843            2 Returning_Visitor    TRUE   FALSE
## 844            1 Returning_Visitor   FALSE   FALSE
## 845            1 Returning_Visitor   FALSE   FALSE
## 846            8       New_Visitor   FALSE    TRUE
## 847            2 Returning_Visitor   FALSE   FALSE
## 848           13 Returning_Visitor    TRUE   FALSE
## 849            2 Returning_Visitor   FALSE   FALSE
## 850            3 Returning_Visitor   FALSE   FALSE
## 851            1 Returning_Visitor   FALSE   FALSE
## 852            2 Returning_Visitor   FALSE   FALSE
## 853            1 Returning_Visitor    TRUE   FALSE
## 854            2 Returning_Visitor   FALSE    TRUE
## 855            2       New_Visitor   FALSE   FALSE
## 856            2 Returning_Visitor   FALSE   FALSE
## 857            1 Returning_Visitor   FALSE   FALSE
## 858            2 Returning_Visitor    TRUE   FALSE
## 859            8       New_Visitor   FALSE    TRUE
## 860            8 Returning_Visitor    TRUE   FALSE
## 861            2       New_Visitor   FALSE   FALSE
## 862            1 Returning_Visitor   FALSE   FALSE
## 863           10 Returning_Visitor   FALSE   FALSE
## 864           10       New_Visitor    TRUE    TRUE
## 865            1 Returning_Visitor   FALSE   FALSE
## 866            2 Returning_Visitor   FALSE   FALSE
## 867            3       New_Visitor    TRUE   FALSE
## 868           10 Returning_Visitor   FALSE   FALSE
```

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## 869            3 Returning_Visitor   FALSE   FALSE
## 870            2       New_Visitor   FALSE   FALSE
## 871            1 Returning_Visitor    TRUE   FALSE
## 872           10 Returning_Visitor   FALSE   FALSE
## 874            2 Returning_Visitor    TRUE   FALSE
## 875            2 Returning_Visitor    TRUE   FALSE
## 876            1 Returning_Visitor   FALSE   FALSE
## 877           13 Returning_Visitor    TRUE   FALSE
## 878            1 Returning_Visitor   FALSE   FALSE
## 879            8       New_Visitor    TRUE    TRUE
## 880            1 Returning_Visitor   FALSE   FALSE
## 881            1 Returning_Visitor   FALSE   FALSE
## 882            1 Returning_Visitor   FALSE   FALSE
## 883            3 Returning_Visitor   FALSE   FALSE
## 884            2       New_Visitor    TRUE   FALSE
## 885            2 Returning_Visitor   FALSE   FALSE
## 886            1 Returning_Visitor   FALSE   FALSE
## 887            1 Returning_Visitor   FALSE   FALSE
## 888            2       New_Visitor    TRUE   FALSE
## 889            1 Returning_Visitor   FALSE   FALSE
## 891            2 Returning_Visitor   FALSE   FALSE
## 892            1 Returning_Visitor   FALSE   FALSE
## 893            1 Returning_Visitor   FALSE   FALSE
## 894            1 Returning_Visitor   FALSE   FALSE
## 895            2 Returning_Visitor    TRUE   FALSE
## 896            1 Returning_Visitor   FALSE   FALSE
## 897            3 Returning_Visitor    TRUE    TRUE
## 898           11 Returning_Visitor   FALSE   FALSE
## 899            1 Returning_Visitor   FALSE   FALSE
## 900            1 Returning_Visitor   FALSE   FALSE
## 901            1 Returning_Visitor   FALSE   FALSE
## 902            1 Returning_Visitor   FALSE   FALSE
## 903            3 Returning_Visitor   FALSE   FALSE
## 904            2       New_Visitor    TRUE    TRUE
## 905            8       New_Visitor   FALSE   FALSE
## 906            1 Returning_Visitor    TRUE    TRUE
## 907            2 Returning_Visitor   FALSE   FALSE
## 908            9 Returning_Visitor    TRUE   FALSE
## 909            3 Returning_Visitor    TRUE   FALSE
## 910           10 Returning_Visitor   FALSE   FALSE
## 911            8       New_Visitor   FALSE   FALSE
## 912            1 Returning_Visitor    TRUE   FALSE
## 913            1 Returning_Visitor   FALSE   FALSE
## 914            2 Returning_Visitor   FALSE   FALSE
## 915            2 Returning_Visitor    TRUE   FALSE
## 916            2 Returning_Visitor    TRUE   FALSE
## 917            1 Returning_Visitor   FALSE   FALSE
## 918            6 Returning_Visitor    TRUE   FALSE
## 919            2 Returning_Visitor   FALSE   FALSE
## 920            2 Returning_Visitor   FALSE   FALSE
## 921            1 Returning_Visitor   FALSE   FALSE
## 922           10 Returning_Visitor   FALSE   FALSE
## 924            2       New_Visitor    TRUE   FALSE
## 925            2 Returning_Visitor   FALSE   FALSE
```

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## 926            1 Returning_Visitor   FALSE   FALSE
## 927            3 Returning_Visitor   FALSE   FALSE
## 928            2 Returning_Visitor   FALSE   FALSE
## 929            3 Returning_Visitor   FALSE   FALSE
## 930           10 Returning_Visitor   FALSE   FALSE
## 931           10 Returning_Visitor   FALSE   FALSE
## 932            1 Returning_Visitor   FALSE   FALSE
## 933            2       New_Visitor   FALSE   FALSE
## 934           10 Returning_Visitor   FALSE   FALSE
## 935            2       New_Visitor   FALSE   FALSE
## 936            2 Returning_Visitor    TRUE   FALSE
## 937            3 Returning_Visitor   FALSE   FALSE
## 938            8       New_Visitor   FALSE   FALSE
## 939            3 Returning_Visitor   FALSE   FALSE
## 940           10 Returning_Visitor   FALSE    TRUE
## 941            2 Returning_Visitor   FALSE   FALSE
## 942            2 Returning_Visitor   FALSE   FALSE
## 943            2 Returning_Visitor    TRUE   FALSE
## 944            1 Returning_Visitor   FALSE   FALSE
## 945            1       New_Visitor   FALSE   FALSE
## 946            9 Returning_Visitor    TRUE   FALSE
## 947            2       New_Visitor   FALSE   FALSE
## 949            3 Returning_Visitor   FALSE   FALSE
## 950            8       New_Visitor    TRUE   FALSE
## 951            1 Returning_Visitor   FALSE   FALSE
## 952            1 Returning_Visitor   FALSE   FALSE
## 953            1 Returning_Visitor   FALSE   FALSE
## 954           10 Returning_Visitor   FALSE   FALSE
## 955           10 Returning_Visitor   FALSE    TRUE
## 956            2 Returning_Visitor   FALSE   FALSE
## 957            3 Returning_Visitor   FALSE   FALSE
## 958            1 Returning_Visitor    TRUE   FALSE
## 959            3 Returning_Visitor   FALSE   FALSE
## 960           10 Returning_Visitor   FALSE   FALSE
## 961            3 Returning_Visitor    TRUE   FALSE
## 962            3       New_Visitor   FALSE   FALSE
## 963            2 Returning_Visitor    TRUE   FALSE
## 964            3 Returning_Visitor   FALSE   FALSE
## 965            2 Returning_Visitor   FALSE   FALSE
## 966            1 Returning_Visitor   FALSE   FALSE
## 967            1 Returning_Visitor   FALSE   FALSE
## 968            1 Returning_Visitor    TRUE   FALSE
## 969            1 Returning_Visitor    TRUE   FALSE
## 970            2 Returning_Visitor   FALSE   FALSE
## 971            9       New_Visitor   FALSE   FALSE
## 972            2 Returning_Visitor   FALSE   FALSE
## 973            2 Returning_Visitor   FALSE   FALSE
## 974            1 Returning_Visitor   FALSE   FALSE
## 976            2 Returning_Visitor   FALSE   FALSE
## 977            2 Returning_Visitor    TRUE   FALSE
## 978            2 Returning_Visitor   FALSE   FALSE
## 979            1 Returning_Visitor   FALSE   FALSE
## 980            8 Returning_Visitor   FALSE    TRUE
## 981            2 Returning_Visitor   FALSE   FALSE
```

```
## 982            1 Returning_Visitor   FALSE   FALSE
## 983            2 Returning_Visitor   FALSE   FALSE
## 984            1 Returning_Visitor   FALSE    TRUE
## 985            3       New_Visitor    TRUE   FALSE
## 986            3 Returning_Visitor   FALSE   FALSE
## 987            3       New_Visitor    TRUE   FALSE
## 988            1 Returning_Visitor    TRUE   FALSE
## 989            6 Returning_Visitor   FALSE   FALSE
## 990            1 Returning_Visitor   FALSE   FALSE
## 991            2 Returning_Visitor    TRUE   FALSE
## 992            2 Returning_Visitor    TRUE   FALSE
## 993            3 Returning_Visitor   FALSE   FALSE
## 994            9 Returning_Visitor    TRUE   FALSE
## 995            2 Returning_Visitor   FALSE   FALSE
## 996            3 Returning_Visitor   FALSE   FALSE
## 997            1 Returning_Visitor   FALSE   FALSE
## 998            1 Returning_Visitor   FALSE   FALSE
## 999            1 Returning_Visitor   FALSE   FALSE
## 1000           1 Returning_Visitor   FALSE   FALSE
## 1001           2 Returning_Visitor   FALSE   FALSE
## 1002          10 Returning_Visitor   FALSE   FALSE
## 1003           2       New_Visitor    TRUE   FALSE
## 1004          10       New_Visitor   FALSE   FALSE
## 1005          11 Returning_Visitor   FALSE   FALSE
## 1006           1 Returning_Visitor   FALSE   FALSE
## 1007           1 Returning_Visitor    TRUE   FALSE
## 1008           3 Returning_Visitor   FALSE   FALSE
## 1009           1 Returning_Visitor   FALSE   FALSE
## 1010           2       New_Visitor    TRUE   FALSE
## 1011           3 Returning_Visitor    TRUE   FALSE
## 1012           2       New_Visitor   FALSE   FALSE
## 1013           1 Returning_Visitor   FALSE   FALSE
## 1014          11 Returning_Visitor   FALSE   FALSE
## 1015          10 Returning_Visitor   FALSE   FALSE
## 1016          11       New_Visitor    TRUE   FALSE
## 1017           1 Returning_Visitor   FALSE   FALSE
## 1018           1 Returning_Visitor   FALSE   FALSE
## 1019           3 Returning_Visitor   FALSE   FALSE
## 1020           8       New_Visitor    TRUE   FALSE
## 1021           3 Returning_Visitor   FALSE   FALSE
## 1022           8 Returning_Visitor   FALSE   FALSE
## 1023           3 Returning_Visitor    TRUE   FALSE
## 1024           1 Returning_Visitor   FALSE   FALSE
## 1025           1 Returning_Visitor   FALSE   FALSE
## 1026          10 Returning_Visitor   FALSE   FALSE
## 1027           3 Returning_Visitor   FALSE   FALSE
## 1028           1 Returning_Visitor   FALSE   FALSE
## 1029           1 Returning_Visitor   FALSE   FALSE
## 1030           8       New_Visitor   FALSE    TRUE
## 1031          10 Returning_Visitor   FALSE   FALSE
## 1032           2 Returning_Visitor   FALSE   FALSE
## 1033           1 Returning_Visitor    TRUE    TRUE
## 1034           9 Returning_Visitor    TRUE   FALSE
## 1036           3 Returning_Visitor   FALSE   FALSE
```

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## 1037           2 Returning_Visitor   FALSE   FALSE
## 1038          13 Returning_Visitor    TRUE   FALSE
## 1039          10 Returning_Visitor   FALSE   FALSE
## 1040           1 Returning_Visitor   FALSE   FALSE
## 1041           1 Returning_Visitor    TRUE   FALSE
## 1042           3 Returning_Visitor    TRUE   FALSE
## 1043           2       New_Visitor    TRUE    TRUE
## 1044           1 Returning_Visitor   FALSE   FALSE
## 1045           2 Returning_Visitor   FALSE   FALSE
## 1046           3 Returning_Visitor   FALSE   FALSE
## 1047           2 Returning_Visitor   FALSE   FALSE
## 1048           1 Returning_Visitor   FALSE   FALSE
## 1049           2 Returning_Visitor   FALSE   FALSE
## 1050           2 Returning_Visitor    TRUE    TRUE
## 1051           2 Returning_Visitor    TRUE    TRUE
## 1052          10 Returning_Visitor   FALSE   FALSE
## 1053           1 Returning_Visitor   FALSE   FALSE
## 1054           2 Returning_Visitor    TRUE   FALSE
## 1055           3 Returning_Visitor    TRUE   FALSE
## 1056          10 Returning_Visitor   FALSE   FALSE
## 1057           2 Returning_Visitor   FALSE   FALSE
## 1058           1 Returning_Visitor   FALSE   FALSE
## 1059           9 Returning_Visitor    TRUE   FALSE
## 1060           1 Returning_Visitor   FALSE   FALSE
## 1061           1 Returning_Visitor   FALSE   FALSE
## 1062           3 Returning_Visitor   FALSE   FALSE
## 1063           2 Returning_Visitor    TRUE   FALSE
## 1064           3 Returning_Visitor    TRUE   FALSE
## 1065           1 Returning_Visitor   FALSE   FALSE
## 1067           2 Returning_Visitor   FALSE   FALSE
## 1068           2 Returning_Visitor   FALSE    TRUE
## 1069           6 Returning_Visitor   FALSE   FALSE
## 1070          10 Returning_Visitor   FALSE    TRUE
## 1071           3 Returning_Visitor   FALSE   FALSE
## 1072           1 Returning_Visitor   FALSE   FALSE
## 1073           3       New_Visitor    TRUE   FALSE
## 1074           3 Returning_Visitor   FALSE   FALSE
## 1075           1 Returning_Visitor   FALSE   FALSE
## 1076           1 Returning_Visitor   FALSE   FALSE
## 1077           3 Returning_Visitor    TRUE   FALSE
## 1078           1 Returning_Visitor   FALSE   FALSE
## 1079           6 Returning_Visitor   FALSE   FALSE
## 1080           3 Returning_Visitor   FALSE   FALSE
## 1081           1 Returning_Visitor   FALSE   FALSE
## 1082          10 Returning_Visitor   FALSE   FALSE
## 1083           3 Returning_Visitor    TRUE   FALSE
## 1084          10 Returning_Visitor   FALSE   FALSE
## 1085           3 Returning_Visitor   FALSE   FALSE
## 1086           2 Returning_Visitor   FALSE   FALSE
## 1087           1 Returning_Visitor    TRUE   FALSE
## 1088           1 Returning_Visitor   FALSE   FALSE
## 1089          11 Returning_Visitor    TRUE   FALSE
## 1090           2 Returning_Visitor   FALSE   FALSE
## 1091           1 Returning_Visitor   FALSE   FALSE
```

```
## 1092          2 Returning_Visitor   FALSE   FALSE
## 1093          1 Returning_Visitor   FALSE   FALSE
## 1094          1 Returning_Visitor   FALSE   FALSE
## 1095          2 Returning_Visitor   FALSE   FALSE
## 1096         11       New_Visitor   FALSE   FALSE
## 1097          8       New_Visitor    TRUE   FALSE
## 1098          1 Returning_Visitor   FALSE   FALSE
## 1099          1 Returning_Visitor   FALSE   FALSE
## 1100          2 Returning_Visitor   FALSE   FALSE
## 1101          3 Returning_Visitor    TRUE   FALSE
## 1102          3 Returning_Visitor   FALSE   FALSE
## 1103          1 Returning_Visitor    TRUE   FALSE
## 1104          3 Returning_Visitor    TRUE   FALSE
## 1105          3 Returning_Visitor   FALSE   FALSE
## 1106          2       New_Visitor    TRUE   FALSE
## 1107         10 Returning_Visitor    TRUE    TRUE
## 1108          1 Returning_Visitor    TRUE   FALSE
## 1109          1 Returning_Visitor   FALSE   FALSE
## 1110          1 Returning_Visitor   FALSE   FALSE
## 1111          2 Returning_Visitor   FALSE   FALSE
## 1112          2       New_Visitor   FALSE   FALSE
## 1113          2 Returning_Visitor   FALSE   FALSE
## 1114         10 Returning_Visitor   FALSE   FALSE
## 1115          3 Returning_Visitor   FALSE   FALSE
## 1116          2 Returning_Visitor    TRUE    TRUE
## 1117          1 Returning_Visitor   FALSE   FALSE
## 1118         10 Returning_Visitor   FALSE   FALSE
## 1119          2 Returning_Visitor   FALSE   FALSE
## 1121          3 Returning_Visitor   FALSE   FALSE
## 1122          2 Returning_Visitor    TRUE   FALSE
## 1123         10       New_Visitor   FALSE   FALSE
## 1124          1 Returning_Visitor   FALSE   FALSE
## 1125          1 Returning_Visitor   FALSE   FALSE
## 1126          2       New_Visitor   FALSE   FALSE
## 1127          2 Returning_Visitor   FALSE   FALSE
## 1128          9 Returning_Visitor   FALSE   FALSE
## 1129          1 Returning_Visitor   FALSE   FALSE
## 1130         10 Returning_Visitor   FALSE   FALSE
## 1131          2 Returning_Visitor   FALSE   FALSE
## 1132          2 Returning_Visitor   FALSE   FALSE
## 1138          1 Returning_Visitor   FALSE   FALSE
## 1139          6 Returning_Visitor   FALSE   FALSE
## 1140          3 Returning_Visitor   FALSE   FALSE
## 1141          2 Returning_Visitor    TRUE   FALSE
## 1142          8       New_Visitor    TRUE   FALSE
## 1143          1 Returning_Visitor   FALSE   FALSE
## 1144          1 Returning_Visitor   FALSE   FALSE
## 1145          6 Returning_Visitor   FALSE    TRUE
## 1146          1 Returning_Visitor   FALSE   FALSE
## 1147         13 Returning_Visitor   FALSE   FALSE
## 1148          1 Returning_Visitor   FALSE   FALSE
## 1149          2 Returning_Visitor   FALSE   FALSE
## 1150          1 Returning_Visitor   FALSE   FALSE
## 1151          1 Returning_Visitor    TRUE   FALSE
```

```
## 1152           3 Returning_Visitor   FALSE   FALSE
## 1153           9 Returning_Visitor    TRUE   FALSE
## 1154           1 Returning_Visitor    TRUE   FALSE
## 1155           9 Returning_Visitor    TRUE   FALSE
## 1156           1 Returning_Visitor   FALSE   FALSE
## 1157           1 Returning_Visitor   FALSE   FALSE
## 1158           2 Returning_Visitor   FALSE    TRUE
## 1159           3 Returning_Visitor    TRUE   FALSE
## 1160          10 Returning_Visitor   FALSE   FALSE
## 1161           9 Returning_Visitor    TRUE   FALSE
## 1162           2 Returning_Visitor   FALSE    TRUE
## 1163           1 Returning_Visitor   FALSE   FALSE
## 1164           1 Returning_Visitor   FALSE   FALSE
## 1165           2 Returning_Visitor   FALSE   FALSE
## 1166           3 Returning_Visitor   FALSE   FALSE
## 1167           2       New_Visitor   FALSE   FALSE
## 1168          10 Returning_Visitor   FALSE   FALSE
## 1169          10 Returning_Visitor   FALSE   FALSE
## 1170           3 Returning_Visitor   FALSE   FALSE
## 1172           2 Returning_Visitor   FALSE    TRUE
## 1173          10 Returning_Visitor   FALSE   FALSE
## 1174           2       New_Visitor    TRUE   FALSE
## 1175           2 Returning_Visitor   FALSE   FALSE
## 1176           2       New_Visitor   FALSE    TRUE
## 1178           2       New_Visitor   FALSE   FALSE
## 1179           2 Returning_Visitor   FALSE   FALSE
## 1180          10 Returning_Visitor   FALSE   FALSE
## 1181           2 Returning_Visitor   FALSE   FALSE
## 1182           1 Returning_Visitor   FALSE   FALSE
## 1183           8       New_Visitor   FALSE    TRUE
## 1184           1 Returning_Visitor    TRUE    TRUE
## 1185           2 Returning_Visitor    TRUE   FALSE
## 1186           1 Returning_Visitor   FALSE    TRUE
## 1187           2       New_Visitor    TRUE   FALSE
## 1188           1 Returning_Visitor   FALSE   FALSE
## 1189           8 Returning_Visitor   FALSE    TRUE
## 1190           6 Returning_Visitor    TRUE   FALSE
## 1191           8 Returning_Visitor   FALSE   FALSE
## 1192           2 Returning_Visitor   FALSE   FALSE
## 1193           2       New_Visitor   FALSE   FALSE
## 1194           2 Returning_Visitor   FALSE   FALSE
## 1195           3 Returning_Visitor   FALSE   FALSE
## 1196           2       New_Visitor   FALSE    TRUE
## 1197           2 Returning_Visitor   FALSE   FALSE
## 1198           1 Returning_Visitor    TRUE   FALSE
## 1199           8 Returning_Visitor   FALSE   FALSE
## 1200           1 Returning_Visitor   FALSE   FALSE
## 1201           8 Returning_Visitor   FALSE   FALSE
## 1202           2 Returning_Visitor   FALSE   FALSE
## 1203           2 Returning_Visitor    TRUE   FALSE
## 1204           1 Returning_Visitor   FALSE   FALSE
## 1205           1 Returning_Visitor   FALSE   FALSE
## 1206           3 Returning_Visitor   FALSE   FALSE
## 1207           3 Returning_Visitor   FALSE   FALSE
```

```
## 1208           2 Returning_Visitor   FALSE   FALSE
## 1209           2       New_Visitor   FALSE   FALSE
## 1210           2 Returning_Visitor   FALSE   FALSE
## 1211           3 Returning_Visitor    TRUE   FALSE
## 1212           2       New_Visitor   FALSE   FALSE
## 1213           2 Returning_Visitor   FALSE   FALSE
## 1216           3 Returning_Visitor   FALSE   FALSE
## 1217           7 Returning_Visitor   FALSE   FALSE
## 1218           2       New_Visitor    TRUE   FALSE
## 1219          10       New_Visitor   FALSE   FALSE
## 1220           2 Returning_Visitor    TRUE    TRUE
## 1221           2 Returning_Visitor   FALSE   FALSE
## 1222           2 Returning_Visitor    TRUE   FALSE
## 1223           3 Returning_Visitor    TRUE   FALSE
## 1224           2 Returning_Visitor   FALSE   FALSE
## 1225           2       New_Visitor    TRUE   FALSE
## 1226           1 Returning_Visitor   FALSE   FALSE
## 1227           2 Returning_Visitor   FALSE   FALSE
## 1228           1 Returning_Visitor   FALSE   FALSE
## 1229           2 Returning_Visitor   FALSE   FALSE
## 1230           1 Returning_Visitor   FALSE   FALSE
## 1231           3 Returning_Visitor   FALSE   FALSE
## 1232           2 Returning_Visitor   FALSE   FALSE
## 1233           1 Returning_Visitor    TRUE   FALSE
## 1234           8 Returning_Visitor    TRUE    TRUE
## 1235           3 Returning_Visitor    TRUE   FALSE
## 1236           1 Returning_Visitor    TRUE   FALSE
## 1237           2 Returning_Visitor   FALSE   FALSE
## 1238           3 Returning_Visitor   FALSE   FALSE
## 1239           3 Returning_Visitor    TRUE   FALSE
## 1240           1 Returning_Visitor   FALSE   FALSE
## 1241           1 Returning_Visitor   FALSE   FALSE
## 1242           2 Returning_Visitor   FALSE   FALSE
## 1243           3 Returning_Visitor   FALSE   FALSE
## 1244           3 Returning_Visitor   FALSE   FALSE
## 1245           3 Returning_Visitor    TRUE   FALSE
## 1246           1 Returning_Visitor   FALSE   FALSE
## 1247           1 Returning_Visitor   FALSE   FALSE
## 1248           1 Returning_Visitor   FALSE   FALSE
## 1249           3 Returning_Visitor   FALSE   FALSE
## 1250           1 Returning_Visitor   FALSE   FALSE
## 1251           1 Returning_Visitor   FALSE   FALSE
## 1252          10       New_Visitor   FALSE    TRUE
## 1253           1 Returning_Visitor   FALSE   FALSE
## 1254          10 Returning_Visitor   FALSE   FALSE
## 1255           1 Returning_Visitor   FALSE   FALSE
## 1256           9 Returning_Visitor    TRUE   FALSE
## 1257          10 Returning_Visitor   FALSE   FALSE
## 1258          10 Returning_Visitor   FALSE   FALSE
## 1259           2 Returning_Visitor   FALSE   FALSE
## 1260           1 Returning_Visitor   FALSE    TRUE
## 1261           1 Returning_Visitor   FALSE   FALSE
## 1262           1 Returning_Visitor   FALSE   FALSE
## 1263           1 Returning_Visitor   FALSE   FALSE
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## 1264          2 Returning_Visitor   FALSE   FALSE
## 1265          1 Returning_Visitor   FALSE   FALSE
## 1266          1 Returning_Visitor   FALSE   FALSE
## 1267          1 Returning_Visitor   FALSE   FALSE
## 1268         11       New_Visitor   FALSE   FALSE
## 1269          2       New_Visitor    TRUE   FALSE
## 1270         10 Returning_Visitor    TRUE   FALSE
## 1271          1 Returning_Visitor   FALSE   FALSE
## 1272          1 Returning_Visitor   FALSE   FALSE
## 1273          1 Returning_Visitor   FALSE   FALSE
## 1274          2       New_Visitor   FALSE   FALSE
## 1275          2 Returning_Visitor   FALSE   FALSE
## 1276          1 Returning_Visitor   FALSE   FALSE
## 1277          2 Returning_Visitor   FALSE   FALSE
## 1278          3 Returning_Visitor   FALSE   FALSE
## 1279          1 Returning_Visitor    TRUE   FALSE
## 1280          1 Returning_Visitor    TRUE   FALSE
## 1281          2       New_Visitor    TRUE   FALSE
## 1282          8 Returning_Visitor   FALSE   FALSE
## 1283          1 Returning_Visitor   FALSE   FALSE
## 1284          2 Returning_Visitor    TRUE    TRUE
## 1285          3       New_Visitor   FALSE   FALSE
## 1286          1 Returning_Visitor   FALSE   FALSE
## 1287         10 Returning_Visitor   FALSE   FALSE
## 1288          3 Returning_Visitor    TRUE   FALSE
## 1289          1 Returning_Visitor   FALSE   FALSE
## 1290          3 Returning_Visitor   FALSE   FALSE
## 1291          2 Returning_Visitor   FALSE   FALSE
## 1293          1 Returning_Visitor   FALSE   FALSE
## 1294          1 Returning_Visitor   FALSE   FALSE
## 1295          2 Returning_Visitor    TRUE   FALSE
## 1296          1 Returning_Visitor   FALSE   FALSE
## 1297         10 Returning_Visitor   FALSE   FALSE
## 1298         10 Returning_Visitor   FALSE   FALSE
## 1299          2 Returning_Visitor    TRUE    TRUE
## 1300          1 Returning_Visitor   FALSE   FALSE
## 1301          1 Returning_Visitor   FALSE   FALSE
## 1302          2 Returning_Visitor    TRUE   FALSE
## 1303          2 Returning_Visitor    TRUE   FALSE
## 1304          2       New_Visitor   FALSE   FALSE
## 1305          1 Returning_Visitor   FALSE    TRUE
## 1306          1 Returning_Visitor   FALSE   FALSE
## 1307          1 Returning_Visitor   FALSE   FALSE
## 1308          3 Returning_Visitor   FALSE   FALSE
## 1309          1 Returning_Visitor   FALSE   FALSE
## 1310          1 Returning_Visitor   FALSE   FALSE
## 1311          1 Returning_Visitor    TRUE   FALSE
## 1312          2       New_Visitor   FALSE   FALSE
## 1313          1 Returning_Visitor    TRUE   FALSE
## 1314          2 Returning_Visitor   FALSE   FALSE
## 1315          8 Returning_Visitor   FALSE   FALSE
## 1316          6 Returning_Visitor   FALSE    TRUE
## 1317         10 Returning_Visitor   FALSE   FALSE
## 1318          1 Returning_Visitor   FALSE   FALSE
```

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## 1319           2       New_Visitor   FALSE   FALSE
## 1320           3 Returning_Visitor    TRUE   FALSE
## 1321           1 Returning_Visitor   FALSE   FALSE
## 1322           2 Returning_Visitor    TRUE    TRUE
## 1323           2 Returning_Visitor    TRUE   FALSE
## 1324           8 Returning_Visitor   FALSE    TRUE
## 1325           3 Returning_Visitor    TRUE   FALSE
## 1327           2 Returning_Visitor   FALSE   FALSE
## 1328           3 Returning_Visitor    TRUE   FALSE
## 1329           8       New_Visitor   FALSE    TRUE
## 1330           2 Returning_Visitor   FALSE   FALSE
## 1331           2       New_Visitor   FALSE   FALSE
## 1332           3 Returning_Visitor   FALSE   FALSE
## 1333           3 Returning_Visitor    TRUE   FALSE
## 1334           2 Returning_Visitor   FALSE    TRUE
## 1335           2 Returning_Visitor   FALSE   FALSE
## 1336           8       New_Visitor   FALSE   FALSE
## 1337          10 Returning_Visitor   FALSE   FALSE
## 1338           2 Returning_Visitor   FALSE   FALSE
## 1339           3 Returning_Visitor    TRUE    TRUE
## 1340           2 Returning_Visitor    TRUE    TRUE
## 1341          10 Returning_Visitor    TRUE   FALSE
## 1342           1 Returning_Visitor   FALSE   FALSE
## 1343          10 Returning_Visitor   FALSE   FALSE
## 1344           3 Returning_Visitor    TRUE   FALSE
## 1345           3 Returning_Visitor    TRUE   FALSE
## 1346           3 Returning_Visitor    TRUE   FALSE
## 1347           1 Returning_Visitor   FALSE   FALSE
## 1348           3 Returning_Visitor   FALSE   FALSE
## 1349           1 Returning_Visitor   FALSE   FALSE
## 1350           6 Returning_Visitor   FALSE   FALSE
## 1351           1 Returning_Visitor   FALSE   FALSE
## 1352           2 Returning_Visitor    TRUE   FALSE
## 1353           3 Returning_Visitor   FALSE   FALSE
## 1354           2 Returning_Visitor    TRUE    TRUE
## 1355           2       New_Visitor   FALSE   FALSE
## 1356           2 Returning_Visitor   FALSE   FALSE
## 1358           2       New_Visitor    TRUE   FALSE
## 1359           1 Returning_Visitor   FALSE   FALSE
## 1360          10 Returning_Visitor   FALSE   FALSE
## 1361           1 Returning_Visitor   FALSE   FALSE
## 1362           1 Returning_Visitor   FALSE   FALSE
## 1363           8 Returning_Visitor   FALSE    TRUE
## 1364           1 Returning_Visitor   FALSE   FALSE
## 1365           3 Returning_Visitor   FALSE   FALSE
## 1366           1 Returning_Visitor   FALSE   FALSE
## 1368           1 Returning_Visitor   FALSE   FALSE
## 1369           2 Returning_Visitor   FALSE    TRUE
## 1370           3 Returning_Visitor    TRUE   FALSE
## 1371           1 Returning_Visitor   FALSE   FALSE
## 1372           1 Returning_Visitor   FALSE   FALSE
## 1373          11 Returning_Visitor    TRUE    TRUE
## 1374           1 Returning_Visitor   FALSE   FALSE
## 1375          10 Returning_Visitor   FALSE   FALSE
```

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## 1376           3 Returning_Visitor   FALSE   FALSE
## 1377           2 Returning_Visitor    TRUE   FALSE
## 1378           2 Returning_Visitor    TRUE   FALSE
## 1379           2 Returning_Visitor   FALSE   FALSE
## 1380           3 Returning_Visitor    TRUE   FALSE
## 1381           1 Returning_Visitor   FALSE   FALSE
## 1383           1 Returning_Visitor   FALSE   FALSE
## 1384           1 Returning_Visitor   FALSE   FALSE
## 1385           6 Returning_Visitor   FALSE   FALSE
## 1386           1 Returning_Visitor   FALSE   FALSE
## 1387           3 Returning_Visitor    TRUE   FALSE
## 1388           2       New_Visitor    TRUE   FALSE
## 1389           2 Returning_Visitor   FALSE    TRUE
## 1390           1 Returning_Visitor    TRUE   FALSE
## 1392           2 Returning_Visitor   FALSE   FALSE
## 1393           1 Returning_Visitor   FALSE   FALSE
## 1394           8       New_Visitor    TRUE   FALSE
## 1396          10 Returning_Visitor    TRUE   FALSE
## 1397           2       New_Visitor    TRUE   FALSE
## 1398           2 Returning_Visitor   FALSE    TRUE
## 1399           2       New_Visitor   FALSE   FALSE
## 1400           1 Returning_Visitor   FALSE   FALSE
## 1401           1 Returning_Visitor   FALSE   FALSE
## 1402           2       New_Visitor    TRUE   FALSE
## 1403           1 Returning_Visitor   FALSE   FALSE
## 1404           9       New_Visitor    TRUE   FALSE
## 1405          10       New_Visitor   FALSE   FALSE
## 1406           2       New_Visitor   FALSE   FALSE
## 1407           2       New_Visitor    TRUE   FALSE
## 1408           2 Returning_Visitor   FALSE   FALSE
## 1409           3 Returning_Visitor   FALSE   FALSE
## 1410           1 Returning_Visitor    TRUE   FALSE
## 1411           6 Returning_Visitor    TRUE   FALSE
## 1412           1 Returning_Visitor   FALSE   FALSE
## 1413           1 Returning_Visitor   FALSE   FALSE
## 1414           1 Returning_Visitor   FALSE    TRUE
## 1415          13 Returning_Visitor   FALSE   FALSE
## 1416           8 Returning_Visitor   FALSE   FALSE
## 1417           1 Returning_Visitor   FALSE   FALSE
## 1418          10 Returning_Visitor   FALSE   FALSE
## 1419          10 Returning_Visitor   FALSE   FALSE
## 1420           1 Returning_Visitor   FALSE   FALSE
## 1421           2 Returning_Visitor   FALSE   FALSE
## 1422           2 Returning_Visitor   FALSE   FALSE
## 1423           2 Returning_Visitor   FALSE   FALSE
## 1424           8 Returning_Visitor   FALSE    TRUE
## 1425           2       New_Visitor   FALSE   FALSE
## 1426           3       New_Visitor    TRUE   FALSE
## 1427           3 Returning_Visitor    TRUE   FALSE
## 1428           1 Returning_Visitor    TRUE   FALSE
## 1429           6 Returning_Visitor   FALSE    TRUE
## 1430           2 Returning_Visitor   FALSE   FALSE
## 1431           3 Returning_Visitor   FALSE   FALSE
## 1432           3 Returning_Visitor   FALSE   FALSE
```

```
## 1433           2       New_Visitor   FALSE    TRUE
## 1434           2       New_Visitor   FALSE   FALSE
## 1435           1 Returning_Visitor   FALSE   FALSE
## 1436           2       New_Visitor    TRUE    TRUE
## 1438           3 Returning_Visitor   FALSE   FALSE
## 1439           1 Returning_Visitor   FALSE   FALSE
## 1440           1 Returning_Visitor   FALSE   FALSE
## 1441           1 Returning_Visitor   FALSE   FALSE
## 1442          10 Returning_Visitor   FALSE   FALSE
## 1443          10 Returning_Visitor   FALSE   FALSE
## 1444           3 Returning_Visitor   FALSE   FALSE
## 1445           1 Returning_Visitor   FALSE   FALSE
## 1446           8       New_Visitor   FALSE   FALSE
## 1447           2 Returning_Visitor   FALSE   FALSE
## 1448           6 Returning_Visitor   FALSE   FALSE
## 1449           2 Returning_Visitor   FALSE   FALSE
## 1450           2 Returning_Visitor   FALSE   FALSE
## 1451           1 Returning_Visitor   FALSE   FALSE
## 1452           3 Returning_Visitor   FALSE   FALSE
## 1453           1 Returning_Visitor   FALSE   FALSE
## 1455           1 Returning_Visitor   FALSE   FALSE
## 1456           1 Returning_Visitor    TRUE   FALSE
## 1457           3 Returning_Visitor   FALSE   FALSE
## 1458           1 Returning_Visitor   FALSE   FALSE
## 1459           8 Returning_Visitor   FALSE   FALSE
## 1460           3 Returning_Visitor    TRUE   FALSE
## 1461           1 Returning_Visitor   FALSE   FALSE
## 1462           1 Returning_Visitor   FALSE   FALSE
## 1463           1 Returning_Visitor    TRUE   FALSE
## 1464           2 Returning_Visitor   FALSE    TRUE
## 1465           2       New_Visitor   FALSE   FALSE
## 1466           2       New_Visitor    TRUE   FALSE
## 1467           1 Returning_Visitor   FALSE    TRUE
## 1468           1 Returning_Visitor   FALSE   FALSE
## 1469          10 Returning_Visitor   FALSE   FALSE
## 1470           6 Returning_Visitor   FALSE   FALSE
## 1471           2 Returning_Visitor   FALSE    TRUE
## 1472           2       New_Visitor    TRUE   FALSE
## 1473           2 Returning_Visitor    TRUE   FALSE
## 1478           8 Returning_Visitor   FALSE   FALSE
## 1479           1 Returning_Visitor   FALSE   FALSE
## 1480           1 Returning_Visitor   FALSE   FALSE
## 1481           3 Returning_Visitor    TRUE   FALSE
## 1482          11 Returning_Visitor   FALSE   FALSE
## 1483           2 Returning_Visitor   FALSE   FALSE
## 1484           1 Returning_Visitor   FALSE   FALSE
## 1485           3 Returning_Visitor   FALSE   FALSE
## 1486           2 Returning_Visitor   FALSE   FALSE
## 1487          13 Returning_Visitor   FALSE   FALSE
## 1488           2 Returning_Visitor   FALSE   FALSE
## 1489           1 Returning_Visitor   FALSE   FALSE
## 1490           2 Returning_Visitor   FALSE   FALSE
## 1491           2 Returning_Visitor   FALSE    TRUE
## 1492           8       New_Visitor   FALSE    TRUE
```

```
## 1493           2 Returning_Visitor   FALSE   FALSE
## 1494           2 Returning_Visitor   FALSE   FALSE
## 1495           1 Returning_Visitor   FALSE   FALSE
## 1496           3 Returning_Visitor    TRUE   FALSE
## 1497           2 Returning_Visitor   FALSE   FALSE
## 1498           8       New_Visitor   FALSE   FALSE
## 1499           1 Returning_Visitor    TRUE   FALSE
## 1500           1 Returning_Visitor   FALSE   FALSE
## 1501           6 Returning_Visitor   FALSE   FALSE
## 1502           1 Returning_Visitor   FALSE   FALSE
## 1503           1 Returning_Visitor   FALSE   FALSE
## 1504           2 Returning_Visitor   FALSE   FALSE
## 1505           8 Returning_Visitor   FALSE   FALSE
## 1506          10 Returning_Visitor   FALSE   FALSE
## 1507           1 Returning_Visitor   FALSE   FALSE
## 1508           1 Returning_Visitor   FALSE   FALSE
## 1509           1 Returning_Visitor   FALSE   FALSE
## 1510           2 Returning_Visitor   FALSE   FALSE
## 1511           2 Returning_Visitor    TRUE   FALSE
## 1512           8       New_Visitor    TRUE    TRUE
## 1513           2 Returning_Visitor   FALSE    TRUE
## 1514           1 Returning_Visitor    TRUE   FALSE
## 1515          13 Returning_Visitor   FALSE   FALSE
## 1517           7 Returning_Visitor   FALSE    TRUE
## 1518           2 Returning_Visitor   FALSE   FALSE
## 1519           3 Returning_Visitor   FALSE   FALSE
## 1520           2 Returning_Visitor   FALSE    TRUE
## 1521           1 Returning_Visitor   FALSE   FALSE
## 1522           2 Returning_Visitor    TRUE   FALSE
## 1523          10 Returning_Visitor   FALSE   FALSE
## 1524           3 Returning_Visitor   FALSE   FALSE
## 1525          13 Returning_Visitor   FALSE   FALSE
## 1526           1 Returning_Visitor   FALSE   FALSE
## 1527           2 Returning_Visitor   FALSE   FALSE
## 1528           1 Returning_Visitor   FALSE   FALSE
## 1529           2 Returning_Visitor    TRUE   FALSE
## 1530          10 Returning_Visitor   FALSE    TRUE
## 1531          10 Returning_Visitor   FALSE   FALSE
## 1532           3 Returning_Visitor   FALSE   FALSE
## 1533           1 Returning_Visitor   FALSE   FALSE
## 1534           1 Returning_Visitor   FALSE   FALSE
## 1535           1 Returning_Visitor   FALSE   FALSE
## 1536           3 Returning_Visitor   FALSE   FALSE
## 1537           3 Returning_Visitor   FALSE   FALSE
## 1538           3       New_Visitor   FALSE   FALSE
## 1539          13 Returning_Visitor   FALSE   FALSE
## 1540           1 Returning_Visitor    TRUE   FALSE
## 1541          10 Returning_Visitor   FALSE   FALSE
## 1542           3 Returning_Visitor    TRUE   FALSE
## 1543           1 Returning_Visitor   FALSE   FALSE
## 1544           2 Returning_Visitor   FALSE   FALSE
## 1545           2 Returning_Visitor    TRUE   FALSE
## 1546           2       New_Visitor    TRUE   FALSE
## 1547           2 Returning_Visitor   FALSE   FALSE
```

```
## 1548          2       New_Visitor    TRUE   FALSE
## 1549          2 Returning_Visitor   FALSE   FALSE
## 1550         10 Returning_Visitor   FALSE   FALSE
## 1551          1 Returning_Visitor   FALSE   FALSE
## 1552          2 Returning_Visitor   FALSE   FALSE
## 1553          2 Returning_Visitor   FALSE    TRUE
## 1554          2 Returning_Visitor    TRUE   FALSE
## 1555          3 Returning_Visitor    TRUE   FALSE
## 1556          1 Returning_Visitor   FALSE   FALSE
## 1557          1 Returning_Visitor    TRUE   FALSE
## 1558          2 Returning_Visitor   FALSE   FALSE
## 1559          1 Returning_Visitor    TRUE   FALSE
## 1560          1 Returning_Visitor   FALSE   FALSE
## 1561          3 Returning_Visitor   FALSE   FALSE
## 1562          1 Returning_Visitor   FALSE   FALSE
## 1563          1 Returning_Visitor   FALSE   FALSE
## 1564          2       New_Visitor    TRUE   FALSE
## 1565          2       New_Visitor   FALSE    TRUE
## 1566          2 Returning_Visitor   FALSE   FALSE
## 1567          1       New_Visitor   FALSE    TRUE
## 1568          1 Returning_Visitor    TRUE   FALSE
## 1569          1 Returning_Visitor   FALSE   FALSE
## 1570          2 Returning_Visitor   FALSE   FALSE
## 1571          2 Returning_Visitor   FALSE   FALSE
## 1572          2 Returning_Visitor   FALSE    TRUE
## 1573          2 Returning_Visitor   FALSE    TRUE
## 1575          2 Returning_Visitor    TRUE   FALSE
## 1576          2 Returning_Visitor    TRUE   FALSE
## 1577          1 Returning_Visitor   FALSE   FALSE
## 1578          2       New_Visitor    TRUE   FALSE
## 1579          1 Returning_Visitor   FALSE   FALSE
## 1580          2       New_Visitor   FALSE   FALSE
## 1581         10 Returning_Visitor   FALSE   FALSE
## 1582          3 Returning_Visitor    TRUE   FALSE
## 1583         10 Returning_Visitor   FALSE    TRUE
## 1584          3 Returning_Visitor   FALSE   FALSE
## 1585          8       New_Visitor   FALSE   FALSE
## 1586          1 Returning_Visitor   FALSE   FALSE
## 1587          2 Returning_Visitor   FALSE    TRUE
## 1588          1 Returning_Visitor   FALSE   FALSE
## 1589          2 Returning_Visitor   FALSE   FALSE
## 1590          1 Returning_Visitor   FALSE   FALSE
## 1591          1 Returning_Visitor   FALSE   FALSE
## 1592          2 Returning_Visitor   FALSE    TRUE
## 1593          9       New_Visitor    TRUE   FALSE
## 1594          1 Returning_Visitor   FALSE   FALSE
## 1595          3 Returning_Visitor   FALSE   FALSE
## 1596          1 Returning_Visitor   FALSE   FALSE
## 1597          2 Returning_Visitor    TRUE   FALSE
## 1598          2 Returning_Visitor   FALSE   FALSE
## 1599         10 Returning_Visitor   FALSE   FALSE
## 1600          1 Returning_Visitor   FALSE   FALSE
## 1601          3 Returning_Visitor    TRUE   FALSE
## 1602          3 Returning_Visitor   FALSE   FALSE
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```
## 1603          10 Returning_Visitor   FALSE   FALSE
## 1604           1 Returning_Visitor   FALSE   FALSE
## 1605           2       New_Visitor   FALSE   FALSE
## 1606           2 Returning_Visitor   FALSE   FALSE
## 1607           1 Returning_Visitor   FALSE   FALSE
## 1608           1 Returning_Visitor   FALSE   FALSE
## 1610           1 Returning_Visitor    TRUE   FALSE
## 1611           1 Returning_Visitor   FALSE   FALSE
## 1612           1 Returning_Visitor   FALSE   FALSE
## 1613           3 Returning_Visitor    TRUE   FALSE
## 1614           3 Returning_Visitor    TRUE   FALSE
## 1615           3 Returning_Visitor   FALSE   FALSE
## 1616           6 Returning_Visitor   FALSE   FALSE
## 1617           1 Returning_Visitor   FALSE   FALSE
## 1618           8 Returning_Visitor   FALSE   FALSE
## 1619           8 Returning_Visitor   FALSE   FALSE
## 1620           1 Returning_Visitor   FALSE   FALSE
## 1621           2       New_Visitor   FALSE   FALSE
## 1622           3 Returning_Visitor    TRUE   FALSE
## 1623           2 Returning_Visitor   FALSE   FALSE
## 1624           1 Returning_Visitor   FALSE   FALSE
## 1625           1 Returning_Visitor    TRUE   FALSE
## 1626          13 Returning_Visitor   FALSE   FALSE
## 1627           1 Returning_Visitor    TRUE   FALSE
## 1628           1 Returning_Visitor   FALSE   FALSE
## 1629           1 Returning_Visitor   FALSE   FALSE
## 1630           1 Returning_Visitor   FALSE   FALSE
## 1631           1 Returning_Visitor   FALSE   FALSE
## 1632           3 Returning_Visitor    TRUE   FALSE
## 1633           3 Returning_Visitor   FALSE   FALSE
## 1634           1 Returning_Visitor   FALSE   FALSE
## 1635           3 Returning_Visitor   FALSE   FALSE
## 1636           3 Returning_Visitor   FALSE    TRUE
## 1637           1 Returning_Visitor    TRUE   FALSE
## 1638           9 Returning_Visitor    TRUE    TRUE
## 1639          10 Returning_Visitor   FALSE   FALSE
## 1640           1 Returning_Visitor    TRUE   FALSE
## 1641          11 Returning_Visitor    TRUE   FALSE
## 1642           3 Returning_Visitor   FALSE   FALSE
## 1643           1 Returning_Visitor   FALSE   FALSE
## 1644           2 Returning_Visitor   FALSE    TRUE
## 1645           1 Returning_Visitor   FALSE   FALSE
## 1646           3 Returning_Visitor   FALSE   FALSE
## 1647           6 Returning_Visitor   FALSE    TRUE
## 1648          10       New_Visitor   FALSE   FALSE
## 1649           2 Returning_Visitor   FALSE   FALSE
## 1650           1 Returning_Visitor   FALSE   FALSE
## 1651           1 Returning_Visitor   FALSE   FALSE
## 1652           1 Returning_Visitor   FALSE   FALSE
## 1653           1 Returning_Visitor    TRUE   FALSE
## 1654           3 Returning_Visitor   FALSE   FALSE
## 1655           2 Returning_Visitor   FALSE   FALSE
## 1656           1 Returning_Visitor   FALSE   FALSE
## 1657           2 Returning_Visitor   FALSE   FALSE
```

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## 1658           1 Returning_Visitor    TRUE   FALSE
## 1659          10 Returning_Visitor   FALSE   FALSE
## 1660          13 Returning_Visitor    TRUE   FALSE
## 1661           3 Returning_Visitor   FALSE   FALSE
## 1662           8 Returning_Visitor   FALSE   FALSE
## 1663           1 Returning_Visitor   FALSE   FALSE
## 1664           3 Returning_Visitor    TRUE   FALSE
## 1665           8       New_Visitor    TRUE    TRUE
## 1666           1 Returning_Visitor    TRUE   FALSE
## 1667           2 Returning_Visitor    TRUE    TRUE
## 1668           1 Returning_Visitor   FALSE   FALSE
## 1669           2 Returning_Visitor   FALSE    TRUE
## 1670           2       New_Visitor   FALSE   FALSE
## 1671           1 Returning_Visitor   FALSE   FALSE
## 1672           3 Returning_Visitor    TRUE   FALSE
## 1673           2       New_Visitor   FALSE    TRUE
## 1674           1 Returning_Visitor   FALSE   FALSE
## 1675           1 Returning_Visitor   FALSE   FALSE
## 1676           2 Returning_Visitor    TRUE   FALSE
## 1677           6 Returning_Visitor   FALSE   FALSE
## 1678          10       New_Visitor   FALSE   FALSE
## 1679           3 Returning_Visitor    TRUE   FALSE
## 1680           1 Returning_Visitor   FALSE   FALSE
## 1681           1 Returning_Visitor   FALSE   FALSE
## 1682           8       New_Visitor    TRUE   FALSE
## 1683           2 Returning_Visitor   FALSE   FALSE
## 1684           1 Returning_Visitor   FALSE   FALSE
## 1685           8       New_Visitor   FALSE   FALSE
## 1686           8       New_Visitor   FALSE   FALSE
## 1687           2 Returning_Visitor   FALSE   FALSE
## 1688           3 Returning_Visitor   FALSE   FALSE
## 1689           3 Returning_Visitor    TRUE   FALSE
## 1690           3 Returning_Visitor   FALSE   FALSE
## 1691           1 Returning_Visitor    TRUE   FALSE
## 1692           2 Returning_Visitor    TRUE   FALSE
## 1693           2 Returning_Visitor   FALSE   FALSE
## 1694           1 Returning_Visitor    TRUE   FALSE
## 1695           3 Returning_Visitor   FALSE   FALSE
## 1696           1 Returning_Visitor   FALSE   FALSE
## 1697          10 Returning_Visitor   FALSE    TRUE
## 1699           2 Returning_Visitor    TRUE   FALSE
## 1700           1 Returning_Visitor    TRUE   FALSE
## 1701           2 Returning_Visitor   FALSE   FALSE
## 1702           1 Returning_Visitor   FALSE   FALSE
## 1703           1 Returning_Visitor   FALSE   FALSE
## 1704           9       New_Visitor    TRUE   FALSE
## 1705          11 Returning_Visitor   FALSE   FALSE
## 1706           2       New_Visitor   FALSE   FALSE
## 1707           1 Returning_Visitor   FALSE   FALSE
## 1708           1 Returning_Visitor   FALSE   FALSE
## 1709           3 Returning_Visitor   FALSE   FALSE
## 1710           2 Returning_Visitor   FALSE   FALSE
## 1711           2       New_Visitor   FALSE   FALSE
## 1712           6 Returning_Visitor    TRUE   FALSE
```

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## 1713           1 Returning_Visitor    TRUE   FALSE
## 1714           3 Returning_Visitor    TRUE   FALSE
## 1715           2 Returning_Visitor   FALSE   FALSE
## 1716           1 Returning_Visitor   FALSE   FALSE
## 1717           1 Returning_Visitor   FALSE   FALSE
## 1718           1 Returning_Visitor   FALSE   FALSE
## 1719           1 Returning_Visitor   FALSE   FALSE
## 1720          11 Returning_Visitor   FALSE    TRUE
## 1721           1 Returning_Visitor   FALSE   FALSE
## 1722          10 Returning_Visitor   FALSE   FALSE
## 1723           2       New_Visitor   FALSE   FALSE
## 1724           8 Returning_Visitor   FALSE   FALSE
## 1725           9       New_Visitor    TRUE   FALSE
## 1726          13 Returning_Visitor   FALSE   FALSE
## 1727           1 Returning_Visitor   FALSE    TRUE
## 1728           2 Returning_Visitor   FALSE   FALSE
## 1729           2 Returning_Visitor   FALSE   FALSE
## 1730          10 Returning_Visitor   FALSE   FALSE
## 1731           1 Returning_Visitor   FALSE   FALSE
## 1732           1 Returning_Visitor    TRUE    TRUE
## 1733           2 Returning_Visitor   FALSE    TRUE
## 1734           1 Returning_Visitor   FALSE   FALSE
## 1735           2       New_Visitor   FALSE   FALSE
## 1736           1 Returning_Visitor   FALSE   FALSE
## 1737           2 Returning_Visitor    TRUE   FALSE
## 1738           9 Returning_Visitor    TRUE   FALSE
## 1739           2 Returning_Visitor   FALSE    TRUE
## 1740           1 Returning_Visitor   FALSE   FALSE
## 1741          10 Returning_Visitor   FALSE   FALSE
## 1742          10 Returning_Visitor   FALSE   FALSE
## 1743           3 Returning_Visitor   FALSE   FALSE
## 1744           2 Returning_Visitor   FALSE   FALSE
## 1745          13 Returning_Visitor    TRUE   FALSE
## 1746           1 Returning_Visitor    TRUE   FALSE
## 1747           1 Returning_Visitor   FALSE   FALSE
## 1748           8 Returning_Visitor    TRUE   FALSE
## 1749           1 Returning_Visitor   FALSE   FALSE
## 1750           1 Returning_Visitor   FALSE   FALSE
## 1751           1 Returning_Visitor   FALSE   FALSE
## 1752           2 Returning_Visitor   FALSE   FALSE
## 1753           3 Returning_Visitor    TRUE   FALSE
## 1754           3       New_Visitor   FALSE   FALSE
## 1755           2 Returning_Visitor    TRUE   FALSE
## 1756           8       New_Visitor   FALSE   FALSE
## 1757           2 Returning_Visitor   FALSE   FALSE
## 1758           9 Returning_Visitor    TRUE   FALSE
## 1759           3 Returning_Visitor   FALSE   FALSE
## 1760           2 Returning_Visitor    TRUE   FALSE
## 1761           3 Returning_Visitor   FALSE   FALSE
## 1762           2 Returning_Visitor   FALSE    TRUE
## 1763           2 Returning_Visitor   FALSE   FALSE
## 1764           3 Returning_Visitor   FALSE   FALSE
## 1765           1 Returning_Visitor   FALSE   FALSE
## 1766           2 Returning_Visitor    TRUE   FALSE
```

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## 1767           1 Returning_Visitor    TRUE   FALSE
## 1768           1 Returning_Visitor   FALSE   FALSE
## 1769           1 Returning_Visitor   FALSE   FALSE
## 1770           1 Returning_Visitor   FALSE   FALSE
## 1771           2 Returning_Visitor   FALSE   FALSE
## 1772           2       New_Visitor   FALSE   FALSE
## 1773           3 Returning_Visitor   FALSE   FALSE
## 1774           2 Returning_Visitor   FALSE   FALSE
## 1775           3 Returning_Visitor    TRUE    TRUE
## 1777          10 Returning_Visitor   FALSE   FALSE
## 1778           2 Returning_Visitor    TRUE    TRUE
## 1779           1 Returning_Visitor   FALSE   FALSE
## 1780           3 Returning_Visitor   FALSE   FALSE
## 1781           2 Returning_Visitor    TRUE    TRUE
## 1782           2 Returning_Visitor    TRUE    TRUE
## 1783           2 Returning_Visitor    TRUE   FALSE
## 1784           1 Returning_Visitor    TRUE   FALSE
## 1785           2 Returning_Visitor   FALSE   FALSE
## 1786           1 Returning_Visitor   FALSE   FALSE
## 1787           9 Returning_Visitor    TRUE    TRUE
## 1788           1 Returning_Visitor   FALSE    TRUE
## 1789          10 Returning_Visitor   FALSE   FALSE
## 1790           2 Returning_Visitor    TRUE   FALSE
## 1791           1 Returning_Visitor   FALSE   FALSE
## 1792           2       New_Visitor    TRUE   FALSE
## 1793           1 Returning_Visitor   FALSE   FALSE
## 1794           2 Returning_Visitor   FALSE   FALSE
## 1795           3 Returning_Visitor   FALSE   FALSE
## 1796          10 Returning_Visitor   FALSE   FALSE
## 1797           1 Returning_Visitor   FALSE   FALSE
## 1798           2 Returning_Visitor    TRUE   FALSE
## 1799           2       New_Visitor    TRUE   FALSE
## 1800           3 Returning_Visitor   FALSE   FALSE
## 1801           2       New_Visitor    TRUE   FALSE
## 1802           2 Returning_Visitor   FALSE   FALSE
## 1803           1 Returning_Visitor   FALSE   FALSE
## 1804           1 Returning_Visitor   FALSE   FALSE
## 1806           1 Returning_Visitor   FALSE   FALSE
## 1807           3 Returning_Visitor   FALSE   FALSE
## 1808           2 Returning_Visitor   FALSE   FALSE
## 1809           3 Returning_Visitor   FALSE   FALSE
## 1810           8       New_Visitor    TRUE   FALSE
## 1811           1 Returning_Visitor   FALSE   FALSE
## 1812          10 Returning_Visitor   FALSE   FALSE
## 1813           2       New_Visitor   FALSE   FALSE
## 1814           1 Returning_Visitor    TRUE   FALSE
## 1815           1 Returning_Visitor    TRUE   FALSE
## 1816           2 Returning_Visitor   FALSE   FALSE
## 1817          10 Returning_Visitor   FALSE   FALSE
## 1818           2 Returning_Visitor    TRUE   FALSE
## 1819           1 Returning_Visitor   FALSE   FALSE
## 1820           1 Returning_Visitor   FALSE   FALSE
## 1821           1 Returning_Visitor   FALSE   FALSE
## 1822           1 Returning_Visitor   FALSE   FALSE
```

```
## 1823          2       New_Visitor   FALSE   FALSE
## 1824          3 Returning_Visitor    TRUE   FALSE
## 1825          1 Returning_Visitor    TRUE    TRUE
## 1826          1 Returning_Visitor   FALSE   FALSE
## 1827         10 Returning_Visitor   FALSE   FALSE
## 1828          2       New_Visitor    TRUE   FALSE
## 1829          3 Returning_Visitor   FALSE   FALSE
## 1830          3 Returning_Visitor   FALSE   FALSE
## 1831          2 Returning_Visitor   FALSE   FALSE
## 1832          1 Returning_Visitor   FALSE   FALSE
## 1833         10 Returning_Visitor   FALSE   FALSE
## 1834          1 Returning_Visitor   FALSE   FALSE
## 1835          1 Returning_Visitor    TRUE   FALSE
## 1836          1 Returning_Visitor   FALSE   FALSE
## 1837          2 Returning_Visitor    TRUE   FALSE
## 1838          2 Returning_Visitor   FALSE   FALSE
## 1839         10 Returning_Visitor   FALSE   FALSE
## 1841          2       New_Visitor   FALSE   FALSE
## 1842          1 Returning_Visitor   FALSE   FALSE
## 1843          2 Returning_Visitor   FALSE    TRUE
## 1844          1 Returning_Visitor   FALSE   FALSE
## 1845          3 Returning_Visitor   FALSE   FALSE
## 1846          2       New_Visitor    TRUE   FALSE
## 1847          1 Returning_Visitor   FALSE   FALSE
## 1848          1 Returning_Visitor   FALSE   FALSE
## 1849          3 Returning_Visitor   FALSE   FALSE
## 1850          1 Returning_Visitor   FALSE   FALSE
## 1851          3 Returning_Visitor    TRUE   FALSE
## 1852          2 Returning_Visitor   FALSE   FALSE
## 1853          3       New_Visitor   FALSE   FALSE
## 1854          1 Returning_Visitor   FALSE   FALSE
## 1855          2 Returning_Visitor   FALSE   FALSE
## 1856          1 Returning_Visitor   FALSE   FALSE
## 1857          2 Returning_Visitor   FALSE    TRUE
## 1858          9 Returning_Visitor    TRUE   FALSE
## 1859          2 Returning_Visitor    TRUE   FALSE
## 1860          2 Returning_Visitor   FALSE   FALSE
## 1861          8       New_Visitor    TRUE    TRUE
## 1862          2 Returning_Visitor   FALSE   FALSE
## 1863          2 Returning_Visitor   FALSE   FALSE
## 1864         10 Returning_Visitor    TRUE   FALSE
## 1865          7       New_Visitor   FALSE   FALSE
## 1866          1 Returning_Visitor   FALSE   FALSE
## 1868         10 Returning_Visitor   FALSE   FALSE
## 1869          2       New_Visitor   FALSE   FALSE
## 1870          2 Returning_Visitor   FALSE   FALSE
## 1871          9       New_Visitor    TRUE   FALSE
## 1872          1 Returning_Visitor   FALSE   FALSE
## 1873          1 Returning_Visitor   FALSE   FALSE
## 1874          1 Returning_Visitor   FALSE   FALSE
## 1875          2 Returning_Visitor   FALSE   FALSE
## 1876         10 Returning_Visitor   FALSE   FALSE
## 1877          3 Returning_Visitor   FALSE   FALSE
## 1878          1 Returning_Visitor   FALSE   FALSE
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## 1879           1 Returning_Visitor    TRUE   FALSE
## 1880           3 Returning_Visitor   FALSE   FALSE
## 1881           3 Returning_Visitor   FALSE   FALSE
## 1882           2 Returning_Visitor   FALSE   FALSE
## 1883           1 Returning_Visitor   FALSE   FALSE
## 1884           3 Returning_Visitor   FALSE   FALSE
## 1885           2 Returning_Visitor   FALSE   FALSE
## 1886           2       New_Visitor   FALSE   FALSE
## 1887           1 Returning_Visitor   FALSE   FALSE
## 1888           2       New_Visitor   FALSE   FALSE
## 1889           6 Returning_Visitor   FALSE   FALSE
## 1890           3 Returning_Visitor    TRUE   FALSE
## 1891           2       New_Visitor   FALSE   FALSE
## 1892           3 Returning_Visitor    TRUE    TRUE
## 1893           2 Returning_Visitor    TRUE   FALSE
## 1894           1 Returning_Visitor   FALSE   FALSE
## 1895           2       New_Visitor   FALSE   FALSE
## 1896           3       New_Visitor   FALSE   FALSE
## 1897           1 Returning_Visitor   FALSE   FALSE
## 1898           2 Returning_Visitor   FALSE   FALSE
## 1899           1 Returning_Visitor   FALSE   FALSE
## 1900           1 Returning_Visitor    TRUE   FALSE
## 1901           1 Returning_Visitor   FALSE   FALSE
## 1902           1 Returning_Visitor    TRUE    TRUE
## 1903          10 Returning_Visitor   FALSE   FALSE
## 1904           8       New_Visitor   FALSE   FALSE
## 1905           2       New_Visitor    TRUE    TRUE
## 1906           3 Returning_Visitor   FALSE    TRUE
## 1907           2 Returning_Visitor   FALSE   FALSE
## 1908           3 Returning_Visitor   FALSE   FALSE
## 1909          10 Returning_Visitor    TRUE   FALSE
## 1910          10 Returning_Visitor   FALSE   FALSE
## 1911          13 Returning_Visitor   FALSE   FALSE
## 1912           1 Returning_Visitor    TRUE   FALSE
## 1913           8       New_Visitor    TRUE   FALSE
## 1914           8       New_Visitor   FALSE   FALSE
## 1915           1 Returning_Visitor   FALSE   FALSE
## 1916           1 Returning_Visitor   FALSE   FALSE
## 1917           2 Returning_Visitor    TRUE   FALSE
## 1918           2 Returning_Visitor   FALSE   FALSE
## 1919           2 Returning_Visitor    TRUE    TRUE
## 1920          10       New_Visitor   FALSE    TRUE
## 1921          10 Returning_Visitor   FALSE   FALSE
## 1922          11       New_Visitor   FALSE   FALSE
## 1923           1 Returning_Visitor   FALSE   FALSE
## 1924           2 Returning_Visitor   FALSE   FALSE
## 1925           3 Returning_Visitor   FALSE   FALSE
## 1927           2 Returning_Visitor   FALSE   FALSE
## 1928          10 Returning_Visitor   FALSE   FALSE
## 1929           2 Returning_Visitor    TRUE   FALSE
## 1930           2       New_Visitor   FALSE    TRUE
## 1931           3 Returning_Visitor   FALSE   FALSE
## 1932           3 Returning_Visitor   FALSE   FALSE
## 1933           2 Returning_Visitor   FALSE   FALSE
```

```
## 1935           2 Returning_Visitor   FALSE   FALSE
## 1936           2 Returning_Visitor    TRUE   FALSE
## 1937           2 Returning_Visitor    TRUE   FALSE
## 1938           3 Returning_Visitor   FALSE   FALSE
## 1939           1 Returning_Visitor   FALSE   FALSE
## 1940           2 Returning_Visitor    TRUE   FALSE
## 1941           1 Returning_Visitor   FALSE   FALSE
## 1942           2 Returning_Visitor   FALSE    TRUE
## 1943           2 Returning_Visitor   FALSE   FALSE
## 1944          10 Returning_Visitor   FALSE   FALSE
## 1945           2 Returning_Visitor    TRUE   FALSE
## 1946           8 Returning_Visitor   FALSE   FALSE
## 1947           3 Returning_Visitor   FALSE   FALSE
## 1948           2 Returning_Visitor   FALSE   FALSE
## 1949          13 Returning_Visitor   FALSE   FALSE
## 1951           3 Returning_Visitor   FALSE   FALSE
## 1952           3 Returning_Visitor   FALSE   FALSE
## 1953           1 Returning_Visitor   FALSE   FALSE
## 1954           3 Returning_Visitor   FALSE   FALSE
## 1955           2 Returning_Visitor    TRUE   FALSE
## 1956           1 Returning_Visitor   FALSE   FALSE
## 1957           9       New_Visitor    TRUE   FALSE
## 1958           8       New_Visitor    TRUE   FALSE
## 1959           3 Returning_Visitor    TRUE   FALSE
## 1960           2 Returning_Visitor   FALSE   FALSE
## 1961           2       New_Visitor   FALSE   FALSE
## 1962           3 Returning_Visitor    TRUE   FALSE
## 1963           2 Returning_Visitor   FALSE   FALSE
## 1964           2 Returning_Visitor    TRUE    TRUE
## 1965           1 Returning_Visitor   FALSE   FALSE
## 1966           1 Returning_Visitor   FALSE   FALSE
## 1967           1 Returning_Visitor   FALSE   FALSE
## 1968           1 Returning_Visitor   FALSE    TRUE
## 1969           1 Returning_Visitor   FALSE    TRUE
## 1970           6 Returning_Visitor   FALSE   FALSE
## 1971           2 Returning_Visitor    TRUE   FALSE
## 1972           3 Returning_Visitor   FALSE   FALSE
## 1973           2       New_Visitor    TRUE   FALSE
## 1974           1 Returning_Visitor    TRUE   FALSE
## 1975           3 Returning_Visitor   FALSE   FALSE
## 1976           1 Returning_Visitor   FALSE   FALSE
## 1977           1 Returning_Visitor   FALSE   FALSE
## 1978           3 Returning_Visitor    TRUE   FALSE
## 1979           1 Returning_Visitor   FALSE   FALSE
## 1980           2 Returning_Visitor   FALSE   FALSE
## 1981          10 Returning_Visitor   FALSE   FALSE
## 1982           2 Returning_Visitor    TRUE   FALSE
## 1983           3 Returning_Visitor   FALSE   FALSE
## 1984           8       New_Visitor   FALSE    TRUE
## 1985           1 Returning_Visitor   FALSE    TRUE
## 1986           2 Returning_Visitor   FALSE    TRUE
## 1987           2 Returning_Visitor   FALSE   FALSE
## 1988           1 Returning_Visitor   FALSE   FALSE
## 1989           2 Returning_Visitor   FALSE   FALSE
```

```
## 1990           2 Returning_Visitor   FALSE   FALSE
## 1991           2       New_Visitor   FALSE   FALSE
## 1992           1 Returning_Visitor   FALSE   FALSE
## 1993           2       New_Visitor   FALSE   FALSE
## 1994           9 Returning_Visitor    TRUE   FALSE
## 1995           2 Returning_Visitor   FALSE   FALSE
## 1996           1 Returning_Visitor   FALSE   FALSE
## 1997           2 Returning_Visitor   FALSE    TRUE
## 1998           3       New_Visitor    TRUE    TRUE
## 1999          10 Returning_Visitor   FALSE   FALSE
## 2000           1 Returning_Visitor   FALSE   FALSE
## 2001           2 Returning_Visitor    TRUE   FALSE
## 2002           2 Returning_Visitor    TRUE    TRUE
## 2003           2 Returning_Visitor    TRUE   FALSE
## 2004           1 Returning_Visitor   FALSE   FALSE
## 2005           2 Returning_Visitor   FALSE   FALSE
## 2006           3 Returning_Visitor   FALSE   FALSE
## 2007           2 Returning_Visitor   FALSE    TRUE
## 2008           2 Returning_Visitor   FALSE   FALSE
## 2009           2 Returning_Visitor   FALSE   FALSE
## 2010           3 Returning_Visitor    TRUE   FALSE
## 2011           2       New_Visitor    TRUE   FALSE
## 2012           2 Returning_Visitor   FALSE   FALSE
## 2013           2 Returning_Visitor   FALSE    TRUE
## 2014           3 Returning_Visitor   FALSE   FALSE
## 2015           1 Returning_Visitor   FALSE   FALSE
## 2016           2 Returning_Visitor   FALSE    TRUE
## 2017           2 Returning_Visitor   FALSE   FALSE
## 2018           2 Returning_Visitor   FALSE   FALSE
## 2019           2 Returning_Visitor    TRUE   FALSE
## 2020           9 Returning_Visitor    TRUE   FALSE
## 2021          10 Returning_Visitor   FALSE   FALSE
## 2022           2 Returning_Visitor   FALSE   FALSE
## 2023           2 Returning_Visitor    TRUE   FALSE
## 2024           3 Returning_Visitor    TRUE   FALSE
## 2025           2 Returning_Visitor   FALSE    TRUE
## 2026           2 Returning_Visitor   FALSE   FALSE
## 2027           3 Returning_Visitor    TRUE   FALSE
## 2028           1 Returning_Visitor   FALSE   FALSE
## 2029           1 Returning_Visitor   FALSE   FALSE
## 2030           1 Returning_Visitor   FALSE   FALSE
## 2031           3 Returning_Visitor   FALSE   FALSE
## 2032           2 Returning_Visitor   FALSE   FALSE
## 2033           2 Returning_Visitor   FALSE   FALSE
## 2034           3 Returning_Visitor   FALSE   FALSE
## 2035           2 Returning_Visitor   FALSE    TRUE
## 2036           1 Returning_Visitor   FALSE   FALSE
## 2037           3 Returning_Visitor   FALSE   FALSE
## 2041           1 Returning_Visitor   FALSE   FALSE
## 2042           1 Returning_Visitor   FALSE   FALSE
## 2043           1 Returning_Visitor   FALSE   FALSE
## 2044          10 Returning_Visitor   FALSE   FALSE
## 2045           2       New_Visitor    TRUE   FALSE
## 2046           2 Returning_Visitor    TRUE    TRUE
```

```
## 2047          6 Returning_Visitor   FALSE   FALSE
## 2048          1 Returning_Visitor   FALSE   FALSE
## 2049          1 Returning_Visitor   FALSE   FALSE
## 2050         10 Returning_Visitor   FALSE   FALSE
## 2051          1 Returning_Visitor   FALSE   FALSE
## 2052          1 Returning_Visitor   FALSE   FALSE
## 2053          3 Returning_Visitor   FALSE   FALSE
## 2054          1 Returning_Visitor   FALSE   FALSE
## 2055          2 Returning_Visitor   FALSE   FALSE
## 2056         10 Returning_Visitor   FALSE   FALSE
## 2059          2       New_Visitor   FALSE   FALSE
## 2060          1 Returning_Visitor   FALSE   FALSE
## 2061          3 Returning_Visitor   FALSE   FALSE
## 2062          3 Returning_Visitor   FALSE   FALSE
## 2063          3       New_Visitor    TRUE   FALSE
## 2064          2 Returning_Visitor   FALSE   FALSE
## 2065          2 Returning_Visitor   FALSE    TRUE
## 2066          2       New_Visitor    TRUE   FALSE
## 2067          1 Returning_Visitor   FALSE    TRUE
## 2068          2 Returning_Visitor   FALSE    TRUE
## 2069          1 Returning_Visitor   FALSE   FALSE
## 2070          1 Returning_Visitor   FALSE   FALSE
## 2071          1 Returning_Visitor   FALSE    TRUE
## 2072          1 Returning_Visitor   FALSE   FALSE
## 2073          2 Returning_Visitor    TRUE    TRUE
## 2074          2 Returning_Visitor   FALSE   FALSE
## 2075          2 Returning_Visitor   FALSE   FALSE
## 2076          2 Returning_Visitor   FALSE    TRUE
## 2077          1 Returning_Visitor   FALSE    TRUE
## 2078          8 Returning_Visitor   FALSE   FALSE
## 2079          3 Returning_Visitor   FALSE   FALSE
## 2080          2 Returning_Visitor   FALSE   FALSE
## 2081          2       New_Visitor    TRUE   FALSE
## 2082          3 Returning_Visitor   FALSE   FALSE
## 2083          2 Returning_Visitor   FALSE   FALSE
## 2084         10 Returning_Visitor   FALSE   FALSE
## 2085          2 Returning_Visitor    TRUE    TRUE
## 2086          2       New_Visitor    TRUE   FALSE
## 2087          2       New_Visitor   FALSE    TRUE
## 2088          3 Returning_Visitor    TRUE   FALSE
## 2089          3 Returning_Visitor   FALSE   FALSE
## 2090          3 Returning_Visitor    TRUE   FALSE
## 2091          1 Returning_Visitor    TRUE   FALSE
## 2092          4 Returning_Visitor   FALSE    TRUE
## 2093          2 Returning_Visitor   FALSE   FALSE
## 2094          6 Returning_Visitor   FALSE    TRUE
## 2095         13 Returning_Visitor   FALSE   FALSE
## 2096          6 Returning_Visitor   FALSE   FALSE
## 2097         13 Returning_Visitor   FALSE   FALSE
## 2098          3 Returning_Visitor   FALSE   FALSE
## 2099          2       New_Visitor   FALSE    TRUE
## 2100          4 Returning_Visitor   FALSE   FALSE
## 2101          2 Returning_Visitor   FALSE   FALSE
## 2102         13 Returning_Visitor   FALSE   FALSE
```

```
## 2103           3 Returning_Visitor    TRUE   FALSE
## 2104           2 Returning_Visitor   FALSE   FALSE
## 2105           3 Returning_Visitor   FALSE   FALSE
## 2106           3       New_Visitor   FALSE   FALSE
## 2107           6 Returning_Visitor   FALSE   FALSE
## 2108          15 Returning_Visitor   FALSE   FALSE
## 2109           5 Returning_Visitor   FALSE    TRUE
## 2110          13 Returning_Visitor   FALSE   FALSE
## 2111           4 Returning_Visitor   FALSE    TRUE
## 2112           2 Returning_Visitor   FALSE   FALSE
## 2113           6 Returning_Visitor    TRUE   FALSE
## 2114           3 Returning_Visitor   FALSE   FALSE
## 2115           3       New_Visitor   FALSE   FALSE
## 2116           2 Returning_Visitor   FALSE   FALSE
## 2117          13 Returning_Visitor   FALSE   FALSE
## 2118           3 Returning_Visitor   FALSE   FALSE
## 2119           4 Returning_Visitor   FALSE   FALSE
## 2120           3 Returning_Visitor    TRUE   FALSE
## 2121           4 Returning_Visitor   FALSE   FALSE
## 2122           3 Returning_Visitor   FALSE   FALSE
## 2123           3 Returning_Visitor   FALSE    TRUE
## 2124          18 Returning_Visitor    TRUE   FALSE
## 2125           3 Returning_Visitor   FALSE   FALSE
## 2126           2       New_Visitor   FALSE   FALSE
## 2127           3       New_Visitor    TRUE   FALSE
## 2128           2 Returning_Visitor   FALSE   FALSE
## 2129          13 Returning_Visitor   FALSE   FALSE
## 2130           1 Returning_Visitor   FALSE   FALSE
## 2131           3 Returning_Visitor   FALSE   FALSE
## 2132           4       New_Visitor    TRUE    TRUE
## 2133           4 Returning_Visitor    TRUE   FALSE
## 2134           4 Returning_Visitor    TRUE   FALSE
## 2135           6 Returning_Visitor   FALSE   FALSE
## 2136           2 Returning_Visitor   FALSE   FALSE
## 2137           2 Returning_Visitor   FALSE   FALSE
## 2138           4 Returning_Visitor   FALSE   FALSE
## 2139           4 Returning_Visitor   FALSE   FALSE
## 2140           3 Returning_Visitor   FALSE   FALSE
## 2141           4 Returning_Visitor    TRUE   FALSE
## 2142          13 Returning_Visitor   FALSE   FALSE
## 2143           3 Returning_Visitor    TRUE   FALSE
## 2144           2 Returning_Visitor   FALSE   FALSE
## 2145           3 Returning_Visitor   FALSE   FALSE
## 2146           6 Returning_Visitor   FALSE   FALSE
## 2147           2       New_Visitor    TRUE   FALSE
## 2148           2 Returning_Visitor   FALSE   FALSE
## 2149           6 Returning_Visitor   FALSE   FALSE
## 2150           1 Returning_Visitor   FALSE   FALSE
## 2151           4 Returning_Visitor   FALSE   FALSE
## 2152           3 Returning_Visitor   FALSE   FALSE
## 2153           2 Returning_Visitor    TRUE   FALSE
## 2154           1 Returning_Visitor   FALSE    TRUE
## 2155           2 Returning_Visitor   FALSE   FALSE
## 2156           3 Returning_Visitor   FALSE   FALSE
```

```
## 2157           3 Returning_Visitor   FALSE   FALSE
## 2158           1 Returning_Visitor    TRUE   FALSE
## 2159           3 Returning_Visitor   FALSE   FALSE
## 2160           3 Returning_Visitor   FALSE   FALSE
## 2161           1 Returning_Visitor   FALSE   FALSE
## 2162          11 Returning_Visitor   FALSE   FALSE
## 2163           2 Returning_Visitor    TRUE   FALSE
## 2164           6 Returning_Visitor   FALSE   FALSE
## 2165           4       New_Visitor   FALSE    TRUE
## 2166           4 Returning_Visitor    TRUE   FALSE
## 2167           3 Returning_Visitor   FALSE   FALSE
## 2168           4 Returning_Visitor    TRUE   FALSE
## 2169           4 Returning_Visitor    TRUE   FALSE
## 2170           2       New_Visitor    TRUE    TRUE
## 2171           4 Returning_Visitor   FALSE   FALSE
## 2172           4 Returning_Visitor   FALSE    TRUE
## 2173           1 Returning_Visitor   FALSE   FALSE
## 2174           4 Returning_Visitor   FALSE   FALSE
## 2175           4 Returning_Visitor    TRUE    TRUE
## 2176           3 Returning_Visitor   FALSE   FALSE
## 2177           5 Returning_Visitor   FALSE   FALSE
## 2178           3 Returning_Visitor   FALSE   FALSE
## 2179           4 Returning_Visitor   FALSE    TRUE
## 2180           3 Returning_Visitor   FALSE   FALSE
## 2181           1 Returning_Visitor   FALSE   FALSE
## 2182           2 Returning_Visitor   FALSE    TRUE
## 2183           1 Returning_Visitor   FALSE   FALSE
## 2184           3 Returning_Visitor   FALSE   FALSE
## 2185           2 Returning_Visitor   FALSE   FALSE
## 2186           2 Returning_Visitor    TRUE   FALSE
## 2187           4 Returning_Visitor   FALSE   FALSE
## 2188           2 Returning_Visitor    TRUE   FALSE
## 2189           2 Returning_Visitor   FALSE    TRUE
## 2190          13 Returning_Visitor    TRUE   FALSE
## 2191          13 Returning_Visitor   FALSE   FALSE
## 2192           3 Returning_Visitor   FALSE   FALSE
## 2193           1 Returning_Visitor   FALSE   FALSE
## 2194           2 Returning_Visitor   FALSE   FALSE
## 2195           1 Returning_Visitor   FALSE   FALSE
## 2196           4 Returning_Visitor   FALSE   FALSE
## 2197           3 Returning_Visitor   FALSE   FALSE
## 2198           1 Returning_Visitor   FALSE   FALSE
## 2199           4 Returning_Visitor   FALSE   FALSE
## 2200          15 Returning_Visitor    TRUE   FALSE
## 2201          13 Returning_Visitor   FALSE   FALSE
## 2202           3       New_Visitor   FALSE   FALSE
## 2203           4 Returning_Visitor   FALSE    TRUE
## 2204           1 Returning_Visitor   FALSE   FALSE
## 2205          13 Returning_Visitor    TRUE   FALSE
## 2206           2 Returning_Visitor   FALSE   FALSE
## 2207           1 Returning_Visitor   FALSE   FALSE
## 2208           1 Returning_Visitor   FALSE   FALSE
## 2209           5 Returning_Visitor   FALSE   FALSE
## 2210           3 Returning_Visitor    TRUE   FALSE
```

```
## 2211           3 Returning_Visitor   FALSE   FALSE
## 2212          14 Returning_Visitor   FALSE   FALSE
## 2213           2 Returning_Visitor    TRUE   FALSE
## 2214           4 Returning_Visitor    TRUE    TRUE
## 2215           4 Returning_Visitor   FALSE   FALSE
## 2216           4       New_Visitor    TRUE    TRUE
## 2217           4 Returning_Visitor    TRUE   FALSE
## 2218           2 Returning_Visitor   FALSE   FALSE
## 2219           1 Returning_Visitor   FALSE   FALSE
## 2220           3 Returning_Visitor   FALSE    TRUE
## 2221           1 Returning_Visitor   FALSE   FALSE
## 2222           2 Returning_Visitor    TRUE   FALSE
## 2223           4 Returning_Visitor   FALSE   FALSE
## 2224           3 Returning_Visitor   FALSE   FALSE
## 2225           6 Returning_Visitor   FALSE   FALSE
## 2226           4       New_Visitor   FALSE   FALSE
## 2227           3 Returning_Visitor   FALSE   FALSE
## 2228           2 Returning_Visitor   FALSE   FALSE
## 2229           4 Returning_Visitor   FALSE   FALSE
## 2230           4 Returning_Visitor   FALSE   FALSE
## 2231           6 Returning_Visitor   FALSE   FALSE
## 2232           1 Returning_Visitor   FALSE   FALSE
## 2233           2 Returning_Visitor   FALSE   FALSE
## 2234           3 Returning_Visitor   FALSE   FALSE
## 2235           3 Returning_Visitor   FALSE   FALSE
## 2237           1 Returning_Visitor   FALSE   FALSE
## 2238           3 Returning_Visitor   FALSE   FALSE
## 2239           6 Returning_Visitor   FALSE   FALSE
## 2240           3 Returning_Visitor   FALSE   FALSE
## 2241          11 Returning_Visitor    TRUE   FALSE
## 2242           3 Returning_Visitor   FALSE   FALSE
## 2243           2 Returning_Visitor   FALSE   FALSE
## 2244           4 Returning_Visitor    TRUE    TRUE
## 2245           4 Returning_Visitor   FALSE   FALSE
## 2246           3 Returning_Visitor    TRUE   FALSE
## 2247           1 Returning_Visitor    TRUE   FALSE
## 2248           4 Returning_Visitor    TRUE    TRUE
## 2249           4 Returning_Visitor    TRUE   FALSE
## 2250           6 Returning_Visitor   FALSE   FALSE
## 2251           3 Returning_Visitor   FALSE   FALSE
## 2252           1 Returning_Visitor   FALSE    TRUE
## 2253           1 Returning_Visitor   FALSE   FALSE
## 2254          11       New_Visitor   FALSE   FALSE
## 2255           3 Returning_Visitor   FALSE   FALSE
## 2256           4 Returning_Visitor    TRUE   FALSE
## 2257           4 Returning_Visitor   FALSE   FALSE
## 2258           3 Returning_Visitor    TRUE   FALSE
## 2259           4 Returning_Visitor   FALSE    TRUE
## 2260           3 Returning_Visitor    TRUE    TRUE
## 2261           4 Returning_Visitor   FALSE   FALSE
## 2262           2 Returning_Visitor   FALSE   FALSE
## 2263           2 Returning_Visitor    TRUE   FALSE
## 2264           1 Returning_Visitor   FALSE   FALSE
## 2265           4 Returning_Visitor    TRUE   FALSE
```

```
## 2266          3 Returning_Visitor   FALSE   FALSE
## 2267         13 Returning_Visitor   FALSE   FALSE
## 2268          4 Returning_Visitor    TRUE    TRUE
## 2269         13 Returning_Visitor   FALSE   FALSE
## 2270          4 Returning_Visitor    TRUE   FALSE
## 2271          1 Returning_Visitor   FALSE   FALSE
## 2272          6 Returning_Visitor   FALSE    TRUE
## 2273          1 Returning_Visitor   FALSE   FALSE
## 2274          1 Returning_Visitor    TRUE   FALSE
## 2275          1 Returning_Visitor   FALSE   FALSE
## 2276          3 Returning_Visitor   FALSE   FALSE
## 2277         13 Returning_Visitor   FALSE   FALSE
## 2278          1 Returning_Visitor   FALSE   FALSE
## 2279          4       New_Visitor   FALSE    TRUE
## 2280          6 Returning_Visitor   FALSE   FALSE
## 2281         11 Returning_Visitor   FALSE   FALSE
## 2282          4       New_Visitor   FALSE    TRUE
## 2283          1 Returning_Visitor   FALSE   FALSE
## 2284         13 Returning_Visitor   FALSE   FALSE
## 2285          4 Returning_Visitor   FALSE   FALSE
## 2286         13 Returning_Visitor   FALSE   FALSE
## 2287          4 Returning_Visitor   FALSE   FALSE
## 2288          3 Returning_Visitor   FALSE   FALSE
## 2289          1 Returning_Visitor    TRUE   FALSE
## 2290          4 Returning_Visitor   FALSE   FALSE
## 2291         13 Returning_Visitor   FALSE    TRUE
## 2292          3       New_Visitor   FALSE   FALSE
## 2293          1 Returning_Visitor   FALSE   FALSE
## 2294          1 Returning_Visitor   FALSE   FALSE
## 2295          2 Returning_Visitor   FALSE   FALSE
## 2296          1 Returning_Visitor   FALSE   FALSE
## 2297          6 Returning_Visitor   FALSE   FALSE
## 2298          2 Returning_Visitor   FALSE   FALSE
## 2299         13 Returning_Visitor   FALSE   FALSE
## 2300          3 Returning_Visitor   FALSE   FALSE
## 2301          2 Returning_Visitor   FALSE   FALSE
## 2302          4 Returning_Visitor   FALSE    TRUE
## 2303          2 Returning_Visitor   FALSE   FALSE
## 2304          4 Returning_Visitor   FALSE   FALSE
## 2305          4       New_Visitor   FALSE    TRUE
## 2306          2 Returning_Visitor    TRUE   FALSE
## 2307         13 Returning_Visitor   FALSE   FALSE
## 2308          2       New_Visitor    TRUE   FALSE
## 2309          1 Returning_Visitor   FALSE   FALSE
## 2310          2 Returning_Visitor   FALSE   FALSE
## 2311         13 Returning_Visitor   FALSE   FALSE
## 2312          6 Returning_Visitor   FALSE   FALSE
## 2313          6 Returning_Visitor    TRUE   FALSE
## 2314          2 Returning_Visitor    TRUE   FALSE
## 2315          3 Returning_Visitor   FALSE   FALSE
## 2316          2 Returning_Visitor    TRUE   FALSE
## 2317          1 Returning_Visitor    TRUE   FALSE
## 2318          3 Returning_Visitor   FALSE   FALSE
## 2319          4 Returning_Visitor   FALSE   FALSE
```

```
## 2320           3       New_Visitor   FALSE    TRUE
## 2321           2 Returning_Visitor    TRUE   FALSE
## 2322           4 Returning_Visitor   FALSE   FALSE
## 2323          13 Returning_Visitor    TRUE   FALSE
## 2324           6 Returning_Visitor   FALSE   FALSE
## 2325          15 Returning_Visitor   FALSE   FALSE
## 2326           1 Returning_Visitor   FALSE   FALSE
## 2327          13 Returning_Visitor   FALSE   FALSE
## 2328           4 Returning_Visitor   FALSE   FALSE
## 2329           3 Returning_Visitor   FALSE   FALSE
## 2330           1 Returning_Visitor    TRUE   FALSE
## 2331           3       New_Visitor   FALSE   FALSE
## 2332           3 Returning_Visitor   FALSE   FALSE
## 2333           5 Returning_Visitor   FALSE   FALSE
## 2334           1 Returning_Visitor    TRUE   FALSE
## 2335           6 Returning_Visitor   FALSE   FALSE
## 2336           2 Returning_Visitor   FALSE    TRUE
## 2337           4       New_Visitor   FALSE   FALSE
## 2338           4       New_Visitor   FALSE   FALSE
## 2339           3 Returning_Visitor    TRUE   FALSE
## 2340           2 Returning_Visitor   FALSE   FALSE
## 2341          11 Returning_Visitor   FALSE    TRUE
## 2342           2 Returning_Visitor   FALSE   FALSE
## 2343           2 Returning_Visitor   FALSE   FALSE
## 2344          15 Returning_Visitor   FALSE   FALSE
## 2345           2       New_Visitor    TRUE   FALSE
## 2346          13 Returning_Visitor    TRUE   FALSE
## 2347           2       New_Visitor   FALSE   FALSE
## 2348           6 Returning_Visitor   FALSE   FALSE
## 2349          13 Returning_Visitor   FALSE   FALSE
## 2350           2       New_Visitor   FALSE   FALSE
## 2351           3 Returning_Visitor   FALSE   FALSE
## 2352           6 Returning_Visitor   FALSE   FALSE
## 2353          13 Returning_Visitor   FALSE   FALSE
## 2354          13 Returning_Visitor   FALSE   FALSE
## 2355           1 Returning_Visitor   FALSE   FALSE
## 2356           4 Returning_Visitor   FALSE   FALSE
## 2357           5 Returning_Visitor   FALSE   FALSE
## 2358           1 Returning_Visitor   FALSE   FALSE
## 2359           3 Returning_Visitor    TRUE   FALSE
## 2360           4 Returning_Visitor   FALSE    TRUE
## 2361           4 Returning_Visitor   FALSE    TRUE
## 2362           1 Returning_Visitor   FALSE   FALSE
## 2363           3 Returning_Visitor   FALSE   FALSE
## 2364           3 Returning_Visitor   FALSE   FALSE
## 2365           1 Returning_Visitor   FALSE   FALSE
## 2366           1 Returning_Visitor   FALSE   FALSE
## 2367           2 Returning_Visitor   FALSE   FALSE
## 2368           2       New_Visitor    TRUE   FALSE
## 2369          11 Returning_Visitor   FALSE   FALSE
## 2370           2 Returning_Visitor   FALSE   FALSE
## 2371           2 Returning_Visitor   FALSE   FALSE
## 2372           4 Returning_Visitor   FALSE   FALSE
## 2373          13 Returning_Visitor    TRUE   FALSE
```

```
## 2374           4       New_Visitor    TRUE   FALSE
## 2375           2 Returning_Visitor   FALSE   FALSE
## 2376           4 Returning_Visitor   FALSE   FALSE
## 2377           3 Returning_Visitor   FALSE   FALSE
## 2378           3 Returning_Visitor   FALSE   FALSE
## 2379           1 Returning_Visitor   FALSE   FALSE
## 2380           2 Returning_Visitor   FALSE   FALSE
## 2381           3 Returning_Visitor    TRUE   FALSE
## 2382           3 Returning_Visitor   FALSE   FALSE
## 2383           2 Returning_Visitor   FALSE   FALSE
## 2384           3 Returning_Visitor   FALSE   FALSE
## 2385           4 Returning_Visitor   FALSE    TRUE
## 2386           1 Returning_Visitor   FALSE   FALSE
## 2387           6 Returning_Visitor   FALSE   FALSE
## 2388           1 Returning_Visitor   FALSE   FALSE
## 2389           2 Returning_Visitor   FALSE   FALSE
## 2390           1 Returning_Visitor   FALSE   FALSE
## 2391           2 Returning_Visitor   FALSE   FALSE
## 2392           4 Returning_Visitor   FALSE   FALSE
## 2393          11 Returning_Visitor   FALSE    TRUE
## 2394          13 Returning_Visitor   FALSE   FALSE
## 2395           2 Returning_Visitor   FALSE   FALSE
## 2396          11 Returning_Visitor    TRUE    TRUE
## 2397           4 Returning_Visitor   FALSE   FALSE
## 2398           4 Returning_Visitor   FALSE   FALSE
## 2399           4 Returning_Visitor    TRUE   FALSE
## 2400           1 Returning_Visitor    TRUE   FALSE
## 2401           1 Returning_Visitor   FALSE   FALSE
## 2402          13 Returning_Visitor   FALSE   FALSE
## 2403           1 Returning_Visitor   FALSE   FALSE
## 2404           4 Returning_Visitor   FALSE   FALSE
## 2405           3 Returning_Visitor   FALSE   FALSE
## 2406           5       New_Visitor    TRUE   FALSE
## 2407           3 Returning_Visitor    TRUE   FALSE
## 2408           3 Returning_Visitor    TRUE   FALSE
## 2409           6 Returning_Visitor   FALSE   FALSE
## 2410           5 Returning_Visitor   FALSE   FALSE
## 2411           3 Returning_Visitor   FALSE   FALSE
## 2412           2 Returning_Visitor   FALSE   FALSE
## 2413           2       New_Visitor    TRUE    TRUE
## 2414           2 Returning_Visitor   FALSE   FALSE
## 2415           3 Returning_Visitor   FALSE   FALSE
## 2416          11 Returning_Visitor    TRUE   FALSE
## 2417           2 Returning_Visitor    TRUE   FALSE
## 2418           1 Returning_Visitor   FALSE   FALSE
## 2419           3 Returning_Visitor   FALSE   FALSE
## 2420           3 Returning_Visitor    TRUE    TRUE
## 2421          15 Returning_Visitor    TRUE   FALSE
## 2422           1 Returning_Visitor   FALSE   FALSE
## 2423           2 Returning_Visitor   FALSE   FALSE
## 2424           3 Returning_Visitor   FALSE   FALSE
## 2425          19 Returning_Visitor   FALSE   FALSE
## 2426           4 Returning_Visitor   FALSE   FALSE
## 2427           2 Returning_Visitor   FALSE   FALSE
```

```
## 2428           6 Returning_Visitor   FALSE   FALSE
## 2429           3 Returning_Visitor   FALSE   FALSE
## 2430          13 Returning_Visitor   FALSE   FALSE
## 2431           1 Returning_Visitor   FALSE   FALSE
## 2432           4 Returning_Visitor   FALSE   FALSE
## 2433          13 Returning_Visitor   FALSE   FALSE
## 2434           3       New_Visitor   FALSE   FALSE
## 2435           6 Returning_Visitor   FALSE   FALSE
## 2436          13 Returning_Visitor   FALSE   FALSE
## 2437           1 Returning_Visitor   FALSE   FALSE
## 2438           4 Returning_Visitor   FALSE   FALSE
## 2439           3 Returning_Visitor   FALSE   FALSE
## 2440           2 Returning_Visitor   FALSE   FALSE
## 2441           4 Returning_Visitor   FALSE   FALSE
## 2442           4 Returning_Visitor   FALSE   FALSE
## 2443           2 Returning_Visitor   FALSE   FALSE
## 2444           5       New_Visitor   FALSE   FALSE
## 2445           3 Returning_Visitor   FALSE   FALSE
## 2446           2       New_Visitor   FALSE   FALSE
## 2447           3 Returning_Visitor   FALSE   FALSE
## 2448           4 Returning_Visitor    TRUE   FALSE
## 2449           4 Returning_Visitor   FALSE   FALSE
## 2450           2 Returning_Visitor    TRUE   FALSE
## 2451          13 Returning_Visitor   FALSE   FALSE
## 2452           3 Returning_Visitor   FALSE   FALSE
## 2453           2 Returning_Visitor   FALSE   FALSE
## 2454           6 Returning_Visitor    TRUE   FALSE
## 2455          11 Returning_Visitor   FALSE   FALSE
## 2456           4 Returning_Visitor    TRUE   FALSE
## 2457           3       New_Visitor   FALSE   FALSE
## 2458           1 Returning_Visitor   FALSE   FALSE
## 2459          13 Returning_Visitor   FALSE   FALSE
## 2460           1 Returning_Visitor    TRUE   FALSE
## 2461           4 Returning_Visitor   FALSE   FALSE
## 2462           6 Returning_Visitor    TRUE   FALSE
## 2463           4 Returning_Visitor   FALSE   FALSE
## 2464           3 Returning_Visitor   FALSE   FALSE
## 2465           6 Returning_Visitor    TRUE   FALSE
## 2466           2 Returning_Visitor   FALSE   FALSE
## 2467           2       New_Visitor   FALSE    TRUE
## 2468          11       New_Visitor   FALSE   FALSE
## 2469           2 Returning_Visitor   FALSE   FALSE
## 2470           3 Returning_Visitor   FALSE   FALSE
## 2471           3 Returning_Visitor   FALSE   FALSE
## 2472           2 Returning_Visitor   FALSE   FALSE
## 2473           2 Returning_Visitor   FALSE   FALSE
## 2474           4 Returning_Visitor    TRUE    TRUE
## 2475           3 Returning_Visitor   FALSE   FALSE
## 2476           3 Returning_Visitor   FALSE   FALSE
## 2477           2 Returning_Visitor   FALSE   FALSE
## 2478           4 Returning_Visitor   FALSE   FALSE
## 2479           4 Returning_Visitor   FALSE   FALSE
## 2480           2 Returning_Visitor   FALSE   FALSE
## 2481           4 Returning_Visitor    TRUE   FALSE
```

```
## 2482           6 Returning_Visitor   FALSE   FALSE
## 2483           2       New_Visitor   FALSE    TRUE
## 2484           2       New_Visitor    TRUE   FALSE
## 2485           4 Returning_Visitor    TRUE   FALSE
## 2486           2 Returning_Visitor    TRUE   FALSE
## 2487          13 Returning_Visitor    TRUE   FALSE
## 2488           4 Returning_Visitor   FALSE   FALSE
## 2489           2       New_Visitor    TRUE   FALSE
## 2490           6 Returning_Visitor   FALSE   FALSE
## 2491           1 Returning_Visitor   FALSE   FALSE
## 2492           3 Returning_Visitor   FALSE   FALSE
## 2493           3 Returning_Visitor   FALSE   FALSE
## 2494           1 Returning_Visitor   FALSE   FALSE
## 2495           1 Returning_Visitor   FALSE   FALSE
## 2496           6 Returning_Visitor   FALSE   FALSE
## 2497           4 Returning_Visitor   FALSE   FALSE
## 2498          11 Returning_Visitor    TRUE    TRUE
## 2499          13 Returning_Visitor   FALSE   FALSE
## 2500           4 Returning_Visitor   FALSE   FALSE
## 2501           2 Returning_Visitor    TRUE   FALSE
## 2502           2       New_Visitor    TRUE   FALSE
## 2503           2 Returning_Visitor    TRUE   FALSE
## 2504           4 Returning_Visitor   FALSE   FALSE
## 2505          13 Returning_Visitor   FALSE   FALSE
## 2506           4 Returning_Visitor   FALSE   FALSE
## 2507           3 Returning_Visitor   FALSE   FALSE
## 2508           4 Returning_Visitor   FALSE   FALSE
## 2509           6 Returning_Visitor   FALSE   FALSE
## 2510           3 Returning_Visitor   FALSE   FALSE
## 2511           2 Returning_Visitor   FALSE   FALSE
## 2512           3 Returning_Visitor   FALSE   FALSE
## 2513           3 Returning_Visitor   FALSE   FALSE
## 2514           2 Returning_Visitor   FALSE   FALSE
## 2515           2 Returning_Visitor   FALSE   FALSE
## 2516           3 Returning_Visitor    TRUE   FALSE
## 2517           3 Returning_Visitor   FALSE   FALSE
## 2518           4 Returning_Visitor   FALSE   FALSE
## 2519           3 Returning_Visitor   FALSE   FALSE
## 2520           4 Returning_Visitor   FALSE   FALSE
## 2521           3 Returning_Visitor   FALSE   FALSE
## 2522           3 Returning_Visitor   FALSE   FALSE
## 2523           4 Returning_Visitor   FALSE   FALSE
## 2524           3 Returning_Visitor   FALSE   FALSE
## 2525           3 Returning_Visitor   FALSE   FALSE
## 2526           4 Returning_Visitor   FALSE   FALSE
## 2527           1 Returning_Visitor   FALSE   FALSE
## 2528           3 Returning_Visitor   FALSE   FALSE
## 2529           3       New_Visitor   FALSE   FALSE
## 2530           4 Returning_Visitor   FALSE    TRUE
## 2531           2 Returning_Visitor   FALSE   FALSE
## 2532          13 Returning_Visitor   FALSE   FALSE
## 2533           6 Returning_Visitor    TRUE   FALSE
## 2534           3 Returning_Visitor   FALSE   FALSE
## 2535          13 Returning_Visitor    TRUE   FALSE
```

```
## 2536          11 Returning_Visitor   FALSE   FALSE
## 2537           4 Returning_Visitor   FALSE   FALSE
## 2538          11 Returning_Visitor   FALSE   FALSE
## 2539           3 Returning_Visitor   FALSE   FALSE
## 2540           2 Returning_Visitor   FALSE    TRUE
## 2541           4 Returning_Visitor   FALSE   FALSE
## 2542           2 Returning_Visitor   FALSE   FALSE
## 2543           1 Returning_Visitor   FALSE   FALSE
## 2544           4 Returning_Visitor    TRUE   FALSE
## 2545           4 Returning_Visitor   FALSE   FALSE
## 2546          13 Returning_Visitor   FALSE   FALSE
## 2547           4 Returning_Visitor    TRUE   FALSE
## 2548           3 Returning_Visitor   FALSE   FALSE
## 2549          13 Returning_Visitor   FALSE   FALSE
## 2550           1 Returning_Visitor   FALSE   FALSE
## 2551           4 Returning_Visitor   FALSE   FALSE
## 2552           3 Returning_Visitor    TRUE   FALSE
## 2553           4 Returning_Visitor   FALSE   FALSE
## 2554           2 Returning_Visitor   FALSE    TRUE
## 2555           1 Returning_Visitor   FALSE   FALSE
## 2556           5       New_Visitor    TRUE   FALSE
## 2557           1 Returning_Visitor   FALSE   FALSE
## 2558           2 Returning_Visitor   FALSE    TRUE
## 2559           2 Returning_Visitor   FALSE   FALSE
## 2560          11 Returning_Visitor   FALSE   FALSE
## 2561           5 Returning_Visitor   FALSE   FALSE
## 2562           1 Returning_Visitor   FALSE   FALSE
## 2563          13 Returning_Visitor   FALSE   FALSE
## 2564           1 Returning_Visitor   FALSE   FALSE
## 2565           6 Returning_Visitor   FALSE   FALSE
## 2566          13 Returning_Visitor   FALSE   FALSE
## 2567           1 Returning_Visitor   FALSE   FALSE
## 2568           3 Returning_Visitor   FALSE   FALSE
## 2569           2 Returning_Visitor    TRUE   FALSE
## 2570          13 Returning_Visitor   FALSE   FALSE
## 2571           2 Returning_Visitor    TRUE   FALSE
## 2572           4 Returning_Visitor   FALSE   FALSE
## 2573          15 Returning_Visitor    TRUE   FALSE
## 2574           1 Returning_Visitor    TRUE   FALSE
## 2575           4 Returning_Visitor   FALSE   FALSE
## 2576          16 Returning_Visitor   FALSE   FALSE
## 2577           3 Returning_Visitor   FALSE   FALSE
## 2578          11 Returning_Visitor   FALSE   FALSE
## 2579           3       New_Visitor   FALSE   FALSE
## 2580           1       New_Visitor   FALSE    TRUE
## 2581           4 Returning_Visitor   FALSE   FALSE
## 2582          13 Returning_Visitor   FALSE   FALSE
## 2583           2 Returning_Visitor   FALSE   FALSE
## 2584           2 Returning_Visitor   FALSE    TRUE
## 2585           2 Returning_Visitor   FALSE   FALSE
## 2586           1 Returning_Visitor   FALSE   FALSE
## 2587           3 Returning_Visitor    TRUE   FALSE
## 2588           4 Returning_Visitor   FALSE   FALSE
## 2589           3 Returning_Visitor   FALSE   FALSE
```

```
## 2590          2       New_Visitor   FALSE    TRUE
## 2591          2 Returning_Visitor   FALSE   FALSE
## 2592          2       New_Visitor   FALSE   FALSE
## 2593          1 Returning_Visitor   FALSE   FALSE
## 2594          1 Returning_Visitor   FALSE   FALSE
## 2595          3 Returning_Visitor   FALSE   FALSE
## 2596          6 Returning_Visitor   FALSE   FALSE
## 2597          3 Returning_Visitor   FALSE   FALSE
## 2598          3 Returning_Visitor   FALSE   FALSE
## 2599          2 Returning_Visitor    TRUE    TRUE
## 2600         11 Returning_Visitor    TRUE   FALSE
## 2601         13 Returning_Visitor   FALSE   FALSE
## 2602          1 Returning_Visitor   FALSE   FALSE
## 2603          4 Returning_Visitor    TRUE    TRUE
## 2604          7 Returning_Visitor    TRUE   FALSE
## 2605          4 Returning_Visitor    TRUE    TRUE
## 2606         13 Returning_Visitor   FALSE   FALSE
## 2607          2 Returning_Visitor   FALSE   FALSE
## 2608         13 Returning_Visitor   FALSE   FALSE
## 2609          3 Returning_Visitor   FALSE   FALSE
## 2610          3 Returning_Visitor    TRUE   FALSE
## 2611          6 Returning_Visitor    TRUE   FALSE
## 2612          4 Returning_Visitor   FALSE   FALSE
## 2613          4 Returning_Visitor    TRUE   FALSE
## 2614          4 Returning_Visitor   FALSE   FALSE
## 2615          2 Returning_Visitor   FALSE   FALSE
## 2616          3 Returning_Visitor   FALSE   FALSE
## 2617         15 Returning_Visitor    TRUE   FALSE
## 2618          2 Returning_Visitor    TRUE   FALSE
## 2619          4 Returning_Visitor   FALSE   FALSE
## 2620          4 Returning_Visitor   FALSE   FALSE
## 2621          3       New_Visitor   FALSE   FALSE
## 2623          2 Returning_Visitor   FALSE   FALSE
## 2624         11 Returning_Visitor   FALSE    TRUE
## 2625          2 Returning_Visitor   FALSE   FALSE
## 2626         13 Returning_Visitor   FALSE   FALSE
## 2627          3 Returning_Visitor   FALSE   FALSE
## 2628          2 Returning_Visitor   FALSE   FALSE
## 2629          7 Returning_Visitor   FALSE   FALSE
## 2630          4 Returning_Visitor    TRUE   FALSE
## 2631          1 Returning_Visitor    TRUE   FALSE
## 2632          2 Returning_Visitor   FALSE   FALSE
## 2633          2 Returning_Visitor   FALSE   FALSE
## 2634         13 Returning_Visitor   FALSE   FALSE
## 2635          5       New_Visitor   FALSE   FALSE
## 2636          3       New_Visitor   FALSE   FALSE
## 2637          1 Returning_Visitor    TRUE   FALSE
## 2638         13 Returning_Visitor   FALSE   FALSE
## 2639          6 Returning_Visitor   FALSE   FALSE
## 2640          2 Returning_Visitor    TRUE   FALSE
## 2641         17 Returning_Visitor    TRUE   FALSE
## 2642          1 Returning_Visitor   FALSE   FALSE
## 2643          4 Returning_Visitor   FALSE   FALSE
## 2644          4 Returning_Visitor   FALSE   FALSE
```

```
## 2645           3 Returning_Visitor    TRUE   FALSE
## 2646           1 Returning_Visitor   FALSE   FALSE
## 2647           3 Returning_Visitor   FALSE   FALSE
## 2648           3 Returning_Visitor   FALSE   FALSE
## 2649           1 Returning_Visitor   FALSE   FALSE
## 2650           1 Returning_Visitor   FALSE   FALSE
## 2651           2 Returning_Visitor   FALSE   FALSE
## 2652          13 Returning_Visitor   FALSE   FALSE
## 2653           2       New_Visitor   FALSE   FALSE
## 2654          13 Returning_Visitor    TRUE   FALSE
## 2655           2 Returning_Visitor   FALSE   FALSE
## 2656           1 Returning_Visitor   FALSE   FALSE
## 2657           4 Returning_Visitor   FALSE   FALSE
## 2658           3 Returning_Visitor    TRUE   FALSE
## 2659           5       New_Visitor   FALSE   FALSE
## 2660           2 Returning_Visitor   FALSE    TRUE
## 2661           4 Returning_Visitor    TRUE   FALSE
## 2662           4       New_Visitor   FALSE   FALSE
## 2663           3 Returning_Visitor   FALSE    TRUE
## 2664          13 Returning_Visitor   FALSE   FALSE
## 2665           2 Returning_Visitor   FALSE   FALSE
## 2666           5       New_Visitor   FALSE   FALSE
## 2667           1 Returning_Visitor    TRUE   FALSE
## 2668           2 Returning_Visitor   FALSE   FALSE
## 2669           2 Returning_Visitor   FALSE   FALSE
## 2670           2 Returning_Visitor    TRUE    TRUE
## 2671           1 Returning_Visitor    TRUE   FALSE
## 2672           6 Returning_Visitor   FALSE   FALSE
## 2673          13 Returning_Visitor   FALSE   FALSE
## 2674           2 Returning_Visitor   FALSE   FALSE
## 2675          14 Returning_Visitor    TRUE   FALSE
## 2676           4 Returning_Visitor   FALSE   FALSE
## 2677           6 Returning_Visitor   FALSE   FALSE
## 2678           3 Returning_Visitor   FALSE   FALSE
## 2679           4 Returning_Visitor    TRUE   FALSE
## 2680           3 Returning_Visitor   FALSE   FALSE
## 2681           5 Returning_Visitor   FALSE   FALSE
## 2682           3 Returning_Visitor   FALSE   FALSE
## 2683           4 Returning_Visitor   FALSE   FALSE
## 2684          18 Returning_Visitor    TRUE   FALSE
## 2685           3 Returning_Visitor   FALSE   FALSE
## 2686           3 Returning_Visitor   FALSE   FALSE
## 2687           6 Returning_Visitor   FALSE   FALSE
## 2688           2       New_Visitor   FALSE    TRUE
## 2689           2 Returning_Visitor    TRUE   FALSE
## 2690           2 Returning_Visitor    TRUE   FALSE
## 2691           4 Returning_Visitor   FALSE   FALSE
## 2692           3 Returning_Visitor   FALSE   FALSE
## 2693           5       New_Visitor   FALSE   FALSE
## 2694           1       New_Visitor    TRUE   FALSE
## 2695           3 Returning_Visitor   FALSE   FALSE
## 2696          19 Returning_Visitor   FALSE   FALSE
## 2697           6 Returning_Visitor   FALSE   FALSE
## 2698           3 Returning_Visitor   FALSE   FALSE
```

```
## 2699          2 Returning_Visitor   FALSE   FALSE
## 2700         18 Returning_Visitor   FALSE   FALSE
## 2701          3 Returning_Visitor   FALSE   FALSE
## 2702          4 Returning_Visitor   FALSE   FALSE
## 2703          3 Returning_Visitor   FALSE   FALSE
## 2704         19 Returning_Visitor   FALSE   FALSE
## 2705          3       New_Visitor   FALSE   FALSE
## 2706         13 Returning_Visitor   FALSE   FALSE
## 2707          3 Returning_Visitor    TRUE   FALSE
## 2708          3 Returning_Visitor   FALSE   FALSE
## 2709          6 Returning_Visitor   FALSE    TRUE
## 2710          1 Returning_Visitor   FALSE   FALSE
## 2711          2 Returning_Visitor   FALSE   FALSE
## 2712          4 Returning_Visitor   FALSE   FALSE
## 2713          1 Returning_Visitor   FALSE   FALSE
## 2714          1 Returning_Visitor   FALSE   FALSE
## 2715          1 Returning_Visitor   FALSE   FALSE
## 2716         13 Returning_Visitor   FALSE   FALSE
## 2717         11 Returning_Visitor   FALSE   FALSE
## 2718          2 Returning_Visitor   FALSE    TRUE
## 2719          2 Returning_Visitor   FALSE   FALSE
## 2720          3 Returning_Visitor   FALSE   FALSE
## 2721          2 Returning_Visitor   FALSE   FALSE
## 2722          4 Returning_Visitor    TRUE    TRUE
## 2723          4 Returning_Visitor   FALSE   FALSE
## 2724          3 Returning_Visitor   FALSE   FALSE
## 2725          4 Returning_Visitor   FALSE   FALSE
## 2726          5 Returning_Visitor   FALSE   FALSE
## 2727          2 Returning_Visitor    TRUE   FALSE
## 2728         11 Returning_Visitor   FALSE   FALSE
## 2729          4       New_Visitor   FALSE   FALSE
## 2730          2 Returning_Visitor   FALSE   FALSE
## 2731          4 Returning_Visitor   FALSE   FALSE
## 2732         14 Returning_Visitor    TRUE   FALSE
## 2733          3 Returning_Visitor   FALSE   FALSE
## 2734          3 Returning_Visitor   FALSE   FALSE
## 2735          2 Returning_Visitor   FALSE   FALSE
## 2736          2 Returning_Visitor   FALSE   FALSE
## 2737          6 Returning_Visitor   FALSE   FALSE
## 2738          2 Returning_Visitor   FALSE   FALSE
## 2739          3 Returning_Visitor   FALSE   FALSE
## 2741          2 Returning_Visitor    TRUE   FALSE
## 2742          4 Returning_Visitor   FALSE    TRUE
## 2743          3 Returning_Visitor   FALSE   FALSE
## 2744         11 Returning_Visitor    TRUE   FALSE
## 2745          4 Returning_Visitor   FALSE   FALSE
## 2746          1 Returning_Visitor    TRUE   FALSE
## 2747          4 Returning_Visitor   FALSE    TRUE
## 2748          4 Returning_Visitor   FALSE   FALSE
## 2749          4 Returning_Visitor    TRUE   FALSE
## 2750          2 Returning_Visitor   FALSE   FALSE
## 2751          4       New_Visitor   FALSE   FALSE
## 2752          3       New_Visitor   FALSE   FALSE
## 2753          4 Returning_Visitor   FALSE   FALSE
```

```
## 2755           3 Returning_Visitor   FALSE   FALSE
## 2756           3 Returning_Visitor    TRUE    TRUE
## 2757           3 Returning_Visitor   FALSE   FALSE
## 2758           2 Returning_Visitor   FALSE   FALSE
## 2759           3 Returning_Visitor   FALSE   FALSE
## 2760           4 Returning_Visitor   FALSE   FALSE
## 2761           3 Returning_Visitor   FALSE   FALSE
## 2762           3 Returning_Visitor   FALSE   FALSE
## 2763           6 Returning_Visitor   FALSE   FALSE
## 2764           3 Returning_Visitor    TRUE   FALSE
## 2765           4 Returning_Visitor   FALSE   FALSE
## 2766           3 Returning_Visitor   FALSE    TRUE
## 2767          11 Returning_Visitor    TRUE   FALSE
## 2768          20 Returning_Visitor    TRUE    TRUE
## 2769           3 Returning_Visitor    TRUE   FALSE
## 2770           5       New_Visitor   FALSE    TRUE
## 2771           1 Returning_Visitor    TRUE   FALSE
## 2772           6       New_Visitor    TRUE   FALSE
## 2773           3 Returning_Visitor   FALSE   FALSE
## 2774           6 Returning_Visitor    TRUE   FALSE
## 2775           1 Returning_Visitor   FALSE   FALSE
## 2776          19 Returning_Visitor   FALSE   FALSE
## 2777          20 Returning_Visitor   FALSE   FALSE
## 2778           4 Returning_Visitor   FALSE   FALSE
## 2779           3 Returning_Visitor   FALSE   FALSE
## 2780           2       New_Visitor    TRUE    TRUE
## 2781           2 Returning_Visitor   FALSE   FALSE
## 2782           1 Returning_Visitor   FALSE   FALSE
## 2783           2       New_Visitor    TRUE    TRUE
## 2784           2 Returning_Visitor    TRUE   FALSE
## 2785           4 Returning_Visitor   FALSE    TRUE
## 2786           1 Returning_Visitor   FALSE    TRUE
## 2787           2 Returning_Visitor   FALSE   FALSE
## 2788           2 Returning_Visitor   FALSE   FALSE
## 2789           4 Returning_Visitor   FALSE   FALSE
## 2790           4 Returning_Visitor   FALSE    TRUE
## 2791           6 Returning_Visitor   FALSE   FALSE
## 2792          13 Returning_Visitor   FALSE   FALSE
## 2793           1 Returning_Visitor   FALSE   FALSE
## 2794           3 Returning_Visitor   FALSE   FALSE
## 2795           2 Returning_Visitor   FALSE    TRUE
## 2796           3 Returning_Visitor   FALSE   FALSE
## 2797           3 Returning_Visitor   FALSE   FALSE
## 2798           3 Returning_Visitor   FALSE   FALSE
## 2799          13 Returning_Visitor   FALSE   FALSE
## 2800           1 Returning_Visitor   FALSE   FALSE
## 2801           6 Returning_Visitor   FALSE   FALSE
## 2802           4       New_Visitor   FALSE    TRUE
## 2803           1 Returning_Visitor   FALSE   FALSE
## 2804           4 Returning_Visitor   FALSE   FALSE
## 2805           3 Returning_Visitor   FALSE   FALSE
## 2806           2 Returning_Visitor    TRUE   FALSE
## 2807          13 Returning_Visitor   FALSE   FALSE
## 2808           4 Returning_Visitor   FALSE   FALSE
```

```
## 2809           6 Returning_Visitor   FALSE   FALSE
## 2810           6 Returning_Visitor   FALSE   FALSE
## 2811          13 Returning_Visitor   FALSE    TRUE
## 2812           3 Returning_Visitor   FALSE   FALSE
## 2813           1 Returning_Visitor   FALSE   FALSE
## 2814          13 Returning_Visitor   FALSE    TRUE
## 2815           6 Returning_Visitor   FALSE   FALSE
## 2816           4 Returning_Visitor   FALSE   FALSE
## 2817           2 Returning_Visitor   FALSE   FALSE
## 2818          14 Returning_Visitor   FALSE    TRUE
## 2819           1 Returning_Visitor   FALSE   FALSE
## 2820           4 Returning_Visitor   FALSE   FALSE
## 2821           4 Returning_Visitor   FALSE   FALSE
## 2822           6 Returning_Visitor   FALSE   FALSE
## 2823           3       New_Visitor   FALSE   FALSE
## 2824           1 Returning_Visitor   FALSE   FALSE
## 2825           2 Returning_Visitor   FALSE   FALSE
## 2826           2 Returning_Visitor   FALSE   FALSE
## 2827           1 Returning_Visitor   FALSE   FALSE
## 2828           2 Returning_Visitor   FALSE   FALSE
## 2829           6       New_Visitor   FALSE   FALSE
## 2830           2       New_Visitor    TRUE    TRUE
## 2831           4 Returning_Visitor   FALSE   FALSE
## 2832           4 Returning_Visitor   FALSE   FALSE
## 2833           1 Returning_Visitor   FALSE   FALSE
## 2834           3 Returning_Visitor   FALSE   FALSE
## 2835          16       New_Visitor   FALSE   FALSE
## 2836           4 Returning_Visitor   FALSE   FALSE
## 2837           2 Returning_Visitor    TRUE   FALSE
## 2838          11 Returning_Visitor   FALSE    TRUE
## 2839           4 Returning_Visitor    TRUE   FALSE
## 2840          13 Returning_Visitor   FALSE   FALSE
## 2841           4 Returning_Visitor   FALSE   FALSE
## 2842           2 Returning_Visitor   FALSE   FALSE
## 2843           4 Returning_Visitor   FALSE    TRUE
## 2844           1 Returning_Visitor   FALSE   FALSE
## 2845           5 Returning_Visitor   FALSE   FALSE
## 2846           4 Returning_Visitor    TRUE   FALSE
## 2847           2 Returning_Visitor   FALSE   FALSE
## 2848           3       New_Visitor   FALSE   FALSE
## 2849          14 Returning_Visitor   FALSE   FALSE
## 2850           3 Returning_Visitor   FALSE   FALSE
## 2851           4 Returning_Visitor    TRUE   FALSE
## 2852           2 Returning_Visitor   FALSE   FALSE
## 2853           1 Returning_Visitor    TRUE   FALSE
## 2854           4 Returning_Visitor   FALSE   FALSE
## 2855           2 Returning_Visitor   FALSE   FALSE
## 2856          19 Returning_Visitor   FALSE   FALSE
## 2857           4       New_Visitor    TRUE   FALSE
## 2858           1 Returning_Visitor   FALSE   FALSE
## 2859           1 Returning_Visitor   FALSE   FALSE
## 2860           3 Returning_Visitor   FALSE   FALSE
## 2861           4 Returning_Visitor   FALSE    TRUE
## 2862           3 Returning_Visitor   FALSE   FALSE
```

```
## 2863           3 Returning_Visitor    TRUE   FALSE
## 2864           3 Returning_Visitor   FALSE   FALSE
## 2865           3 Returning_Visitor   FALSE   FALSE
## 2866           4 Returning_Visitor   FALSE   FALSE
## 2867           2       New_Visitor    TRUE   FALSE
## 2868           2 Returning_Visitor   FALSE   FALSE
## 2869           3 Returning_Visitor   FALSE   FALSE
## 2870           4 Returning_Visitor   FALSE   FALSE
## 2871          13 Returning_Visitor   FALSE   FALSE
## 2872           4 Returning_Visitor    TRUE   FALSE
## 2873           3 Returning_Visitor   FALSE   FALSE
## 2874           2       New_Visitor    TRUE    TRUE
## 2875          13 Returning_Visitor   FALSE   FALSE
## 2876           1 Returning_Visitor    TRUE   FALSE
## 2877           6 Returning_Visitor    TRUE   FALSE
## 2878          13 Returning_Visitor    TRUE   FALSE
## 2879           3 Returning_Visitor   FALSE   FALSE
## 2880           4 Returning_Visitor    TRUE   FALSE
## 2881          13 Returning_Visitor   FALSE   FALSE
## 2882           2       New_Visitor   FALSE   FALSE
## 2883          13 Returning_Visitor   FALSE   FALSE
## 2884          13 Returning_Visitor   FALSE   FALSE
## 2885           4       New_Visitor   FALSE    TRUE
## 2886           3 Returning_Visitor   FALSE   FALSE
## 2887           2 Returning_Visitor   FALSE   FALSE
## 2888           2       New_Visitor    TRUE   FALSE
## 2889           2 Returning_Visitor   FALSE   FALSE
## 2890          13 Returning_Visitor   FALSE   FALSE
## 2891           4 Returning_Visitor   FALSE   FALSE
## 2892           2       New_Visitor   FALSE   FALSE
## 2893           4 Returning_Visitor    TRUE   FALSE
## 2894           2 Returning_Visitor   FALSE   FALSE
## 2895           2 Returning_Visitor    TRUE   FALSE
## 2896           1 Returning_Visitor   FALSE   FALSE
## 2897          13 Returning_Visitor   FALSE   FALSE
## 2898           4 Returning_Visitor   FALSE   FALSE
## 2899           2 Returning_Visitor   FALSE   FALSE
## 2900           2 Returning_Visitor   FALSE   FALSE
## 2901           1 Returning_Visitor   FALSE   FALSE
## 2902           6 Returning_Visitor   FALSE    TRUE
## 2903           2 Returning_Visitor    TRUE    TRUE
## 2904           4 Returning_Visitor   FALSE   FALSE
## 2905           3 Returning_Visitor   FALSE   FALSE
## 2906           4 Returning_Visitor    TRUE    TRUE
## 2907           3 Returning_Visitor   FALSE   FALSE
## 2908           1 Returning_Visitor    TRUE   FALSE
## 2909           6 Returning_Visitor   FALSE   FALSE
## 2910           6 Returning_Visitor    TRUE   FALSE
## 2911          11 Returning_Visitor    TRUE   FALSE
## 2912           1 Returning_Visitor   FALSE   FALSE
## 2913           2 Returning_Visitor    TRUE   FALSE
## 2914           4 Returning_Visitor   FALSE    TRUE
## 2915           2 Returning_Visitor   FALSE   FALSE
## 2916           1 Returning_Visitor   FALSE   FALSE
```

```
## 2917           3 Returning_Visitor   FALSE   FALSE
## 2918           3 Returning_Visitor   FALSE   FALSE
## 2919           2       New_Visitor   FALSE   FALSE
## 2920           1 Returning_Visitor   FALSE   FALSE
## 2921          11 Returning_Visitor   FALSE   FALSE
## 2922          13 Returning_Visitor   FALSE   FALSE
## 2923           4 Returning_Visitor   FALSE   FALSE
## 2924           6 Returning_Visitor   FALSE   FALSE
## 2925           4 Returning_Visitor    TRUE   FALSE
## 2926           2 Returning_Visitor    TRUE    TRUE
## 2927           3 Returning_Visitor   FALSE   FALSE
## 2928           2       New_Visitor   FALSE    TRUE
## 2929           6 Returning_Visitor   FALSE   FALSE
## 2930           1 Returning_Visitor    TRUE   FALSE
## 2931           2       New_Visitor   FALSE   FALSE
## 2932           6 Returning_Visitor    TRUE   FALSE
## 2933           4 Returning_Visitor   FALSE    TRUE
## 2934           2       New_Visitor   FALSE   FALSE
## 2935           2 Returning_Visitor    TRUE   FALSE
## 2936           2       New_Visitor   FALSE   FALSE
## 2937           1 Returning_Visitor   FALSE   FALSE
## 2938           1 Returning_Visitor   FALSE   FALSE
## 2939           3 Returning_Visitor    TRUE   FALSE
## 2940           1 Returning_Visitor   FALSE   FALSE
## 2941           2 Returning_Visitor   FALSE   FALSE
## 2942           4 Returning_Visitor    TRUE   FALSE
## 2943           4       New_Visitor    TRUE    TRUE
## 2944           4 Returning_Visitor   FALSE   FALSE
## 2945           2 Returning_Visitor   FALSE   FALSE
## 2946           2 Returning_Visitor    TRUE   FALSE
## 2947           6 Returning_Visitor   FALSE   FALSE
## 2948           1 Returning_Visitor   FALSE   FALSE
## 2949           3 Returning_Visitor   FALSE   FALSE
## 2950           3 Returning_Visitor   FALSE   FALSE
## 2951           4 Returning_Visitor   FALSE    TRUE
## 2952           2 Returning_Visitor   FALSE   FALSE
## 2953           2 Returning_Visitor   FALSE   FALSE
## 2954           3 Returning_Visitor   FALSE   FALSE
## 2955           1 Returning_Visitor   FALSE   FALSE
## 2956           5 Returning_Visitor   FALSE   FALSE
## 2957           4 Returning_Visitor   FALSE   FALSE
## 2958           4 Returning_Visitor   FALSE   FALSE
## 2959           2 Returning_Visitor    TRUE   FALSE
## 2960           3 Returning_Visitor   FALSE   FALSE
## 2961           2 Returning_Visitor   FALSE   FALSE
## 2962           1 Returning_Visitor   FALSE   FALSE
## 2963           5 Returning_Visitor    TRUE   FALSE
## 2964           3 Returning_Visitor   FALSE   FALSE
## 2965           6 Returning_Visitor    TRUE   FALSE
## 2966           1 Returning_Visitor    TRUE   FALSE
## 2967           4 Returning_Visitor    TRUE   FALSE
## 2968           4       New_Visitor    TRUE   FALSE
## 2969           5       New_Visitor   FALSE    TRUE
## 2970           2 Returning_Visitor    TRUE   FALSE
```

```
## 2971          11 Returning_Visitor    TRUE   FALSE
## 2972           3 Returning_Visitor   FALSE   FALSE
## 2973           1 Returning_Visitor   FALSE   FALSE
## 2974           6 Returning_Visitor    TRUE   FALSE
## 2975           6 Returning_Visitor   FALSE   FALSE
## 2976           6 Returning_Visitor   FALSE    TRUE
## 2977          13 Returning_Visitor    TRUE   FALSE
## 2978          13 Returning_Visitor   FALSE   FALSE
## 2979           1 Returning_Visitor   FALSE   FALSE
## 2980           4 Returning_Visitor    TRUE   FALSE
## 2981           3 Returning_Visitor   FALSE   FALSE
## 2982          13 Returning_Visitor   FALSE   FALSE
## 2983           2 Returning_Visitor    TRUE   FALSE
## 2984           3 Returning_Visitor    TRUE   FALSE
## 2985           3 Returning_Visitor    TRUE   FALSE
## 2986           6 Returning_Visitor    TRUE   FALSE
## 2987           6 Returning_Visitor   FALSE   FALSE
## 2988           4 Returning_Visitor   FALSE   FALSE
## 2989           3 Returning_Visitor   FALSE   FALSE
## 2990           1 Returning_Visitor   FALSE   FALSE
## 2991           2 Returning_Visitor   FALSE    TRUE
## 2992           1 Returning_Visitor   FALSE   FALSE
## 2993           3 Returning_Visitor   FALSE   FALSE
## 2994           1 Returning_Visitor    TRUE    TRUE
## 2995          15       New_Visitor    TRUE   FALSE
## 2996           1 Returning_Visitor   FALSE   FALSE
## 2997          13 Returning_Visitor   FALSE   FALSE
## 2998           3 Returning_Visitor   FALSE   FALSE
## 2999           2 Returning_Visitor   FALSE   FALSE
## 3000           1 Returning_Visitor    TRUE   FALSE
## 3001           4 Returning_Visitor   FALSE   FALSE
## 3002           2 Returning_Visitor   FALSE   FALSE
## 3003          13 Returning_Visitor    TRUE   FALSE
## 3004           6 Returning_Visitor   FALSE   FALSE
## 3005           6 Returning_Visitor   FALSE   FALSE
## 3006           3 Returning_Visitor   FALSE   FALSE
## 3007           3       New_Visitor   FALSE   FALSE
## 3008           3 Returning_Visitor   FALSE   FALSE
## 3009           3 Returning_Visitor   FALSE   FALSE
## 3010           3 Returning_Visitor   FALSE   FALSE
## 3011           4 Returning_Visitor   FALSE   FALSE
## 3012           3 Returning_Visitor    TRUE   FALSE
## 3013          13 Returning_Visitor   FALSE   FALSE
## 3014           1 Returning_Visitor   FALSE   FALSE
## 3015           1 Returning_Visitor   FALSE    TRUE
## 3016           4 Returning_Visitor   FALSE   FALSE
## 3017           2       New_Visitor    TRUE   FALSE
## 3018           5       New_Visitor   FALSE   FALSE
## 3019           1 Returning_Visitor    TRUE   FALSE
## 3020           4 Returning_Visitor   FALSE   FALSE
## 3021           1 Returning_Visitor   FALSE   FALSE
## 3022           1 Returning_Visitor    TRUE    TRUE
## 3023           1 Returning_Visitor   FALSE   FALSE
## 3024           1 Returning_Visitor   FALSE   FALSE
```

```
## 3025           6       New_Visitor   FALSE   FALSE
## 3026           2 Returning_Visitor   FALSE   FALSE
## 3027           1 Returning_Visitor   FALSE   FALSE
## 3028           1 Returning_Visitor   FALSE   FALSE
## 3029           4       New_Visitor    TRUE   FALSE
## 3030           5 Returning_Visitor   FALSE    TRUE
## 3031           2 Returning_Visitor   FALSE   FALSE
## 3032           3 Returning_Visitor   FALSE   FALSE
## 3033          13 Returning_Visitor   FALSE   FALSE
## 3034           2 Returning_Visitor   FALSE   FALSE
## 3035           2 Returning_Visitor   FALSE   FALSE
## 3036          11       New_Visitor   FALSE   FALSE
## 3037           4 Returning_Visitor   FALSE   FALSE
## 3038           3 Returning_Visitor   FALSE    TRUE
## 3039           1 Returning_Visitor   FALSE   FALSE
## 3040           2 Returning_Visitor   FALSE   FALSE
## 3041           3 Returning_Visitor   FALSE    TRUE
## 3042           2 Returning_Visitor   FALSE   FALSE
## 3043           3 Returning_Visitor   FALSE   FALSE
## 3044           2 Returning_Visitor   FALSE   FALSE
## 3045           3 Returning_Visitor    TRUE   FALSE
## 3046           5       New_Visitor   FALSE   FALSE
## 3047          13 Returning_Visitor   FALSE   FALSE
## 3048           3 Returning_Visitor   FALSE   FALSE
## 3049           4 Returning_Visitor    TRUE   FALSE
## 3050           6 Returning_Visitor    TRUE   FALSE
## 3051           3 Returning_Visitor   FALSE   FALSE
## 3052           5       New_Visitor   FALSE   FALSE
## 3053           2 Returning_Visitor    TRUE   FALSE
## 3054           4 Returning_Visitor   FALSE   FALSE
## 3055           2 Returning_Visitor   FALSE   FALSE
## 3056           2 Returning_Visitor   FALSE   FALSE
## 3057           3 Returning_Visitor   FALSE   FALSE
## 3058           4 Returning_Visitor   FALSE   FALSE
## 3059           4 Returning_Visitor   FALSE   FALSE
## 3060           2 Returning_Visitor   FALSE   FALSE
## 3061           1 Returning_Visitor   FALSE   FALSE
## 3062           3 Returning_Visitor   FALSE   FALSE
## 3063           4 Returning_Visitor   FALSE   FALSE
## 3064           2 Returning_Visitor    TRUE   FALSE
## 3065           5       New_Visitor   FALSE    TRUE
## 3066          13 Returning_Visitor   FALSE   FALSE
## 3067           3       New_Visitor    TRUE   FALSE
## 3068           1 Returning_Visitor    TRUE   FALSE
## 3069           1 Returning_Visitor   FALSE   FALSE
## 3070           3 Returning_Visitor   FALSE   FALSE
## 3071           2       New_Visitor   FALSE   FALSE
## 3072          13 Returning_Visitor   FALSE   FALSE
## 3073           3 Returning_Visitor   FALSE   FALSE
## 3074           3 Returning_Visitor   FALSE   FALSE
## 3075          11       New_Visitor   FALSE   FALSE
## 3076          11 Returning_Visitor   FALSE   FALSE
## 3077           1 Returning_Visitor   FALSE    TRUE
## 3078           2 Returning_Visitor   FALSE   FALSE
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## 3079           4 Returning_Visitor   FALSE   FALSE
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## 3081           4 Returning_Visitor   FALSE   FALSE
## 3082           2       New_Visitor   FALSE   FALSE
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## 3084           3 Returning_Visitor   FALSE   FALSE
## 3085           4 Returning_Visitor   FALSE   FALSE
## 3086           3 Returning_Visitor    TRUE   FALSE
## 3087          13 Returning_Visitor   FALSE   FALSE
## 3088           1 Returning_Visitor   FALSE   FALSE
## 3089          11 Returning_Visitor    TRUE   FALSE
## 3090           4 Returning_Visitor    TRUE   FALSE
## 3091           1 Returning_Visitor   FALSE   FALSE
## 3092           4 Returning_Visitor    TRUE   FALSE
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## 3094           2 Returning_Visitor   FALSE   FALSE
## 3095           2 Returning_Visitor   FALSE    TRUE
## 3096          13 Returning_Visitor   FALSE   FALSE
## 3097           3 Returning_Visitor   FALSE   FALSE
## 3098           3 Returning_Visitor   FALSE   FALSE
## 3099           1 Returning_Visitor   FALSE   FALSE
## 3100           1 Returning_Visitor   FALSE   FALSE
## 3101          13 Returning_Visitor   FALSE   FALSE
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## 3104           4 Returning_Visitor   FALSE   FALSE
## 3105           4 Returning_Visitor   FALSE   FALSE
## 3106           2 Returning_Visitor   FALSE   FALSE
## 3107           3 Returning_Visitor    TRUE   FALSE
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## 3109           3 Returning_Visitor   FALSE   FALSE
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## 3111           2 Returning_Visitor   FALSE    TRUE
## 3112          13 Returning_Visitor    TRUE   FALSE
## 3113           3 Returning_Visitor   FALSE   FALSE
## 3114           4 Returning_Visitor    TRUE   FALSE
## 3115           5 Returning_Visitor    TRUE   FALSE
## 3116           2 Returning_Visitor   FALSE   FALSE
## 3117           6       New_Visitor   FALSE   FALSE
## 3118          11 Returning_Visitor    TRUE   FALSE
## 3119          13 Returning_Visitor   FALSE   FALSE
## 3120          13 Returning_Visitor   FALSE   FALSE
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## 3122           3 Returning_Visitor   FALSE   FALSE
## 3123           2 Returning_Visitor   FALSE   FALSE
## 3124           2       New_Visitor    TRUE   FALSE
## 3125           6 Returning_Visitor   FALSE   FALSE
## 3126           4 Returning_Visitor   FALSE   FALSE
## 3127           3 Returning_Visitor   FALSE   FALSE
## 3128           2 Returning_Visitor    TRUE   FALSE
## 3129           1 Returning_Visitor   FALSE   FALSE
## 3130           4 Returning_Visitor    TRUE    TRUE
## 3131           4 Returning_Visitor    TRUE    TRUE
## 3132           3 Returning_Visitor    TRUE   FALSE
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## 3133          3 Returning_Visitor   FALSE   FALSE
## 3134          6 Returning_Visitor   FALSE    TRUE
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## 3136          3 Returning_Visitor   FALSE   FALSE
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## 3138         15 Returning_Visitor   FALSE   FALSE
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## 3140          4 Returning_Visitor    TRUE   FALSE
## 3141          6 Returning_Visitor    TRUE   FALSE
## 3142         11 Returning_Visitor   FALSE   FALSE
## 3143          6 Returning_Visitor   FALSE   FALSE
## 3144          1 Returning_Visitor   FALSE   FALSE
## 3145         13       New_Visitor   FALSE   FALSE
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## 3147          2 Returning_Visitor   FALSE   FALSE
## 3148          2 Returning_Visitor   FALSE   FALSE
## 3149          2       New_Visitor   FALSE   FALSE
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## 3151         15 Returning_Visitor    TRUE   FALSE
## 3152         13 Returning_Visitor   FALSE   FALSE
## 3153          2 Returning_Visitor   FALSE   FALSE
## 3154          4 Returning_Visitor   FALSE    TRUE
## 3155          4 Returning_Visitor    TRUE   FALSE
## 3156          3       New_Visitor   FALSE   FALSE
## 3157         13 Returning_Visitor   FALSE   FALSE
## 3158          3 Returning_Visitor    TRUE   FALSE
## 3159          4 Returning_Visitor   FALSE   FALSE
## 3160         11 Returning_Visitor    TRUE   FALSE
## 3161         19       New_Visitor    TRUE   FALSE
## 3162          6 Returning_Visitor   FALSE   FALSE
## 3163          2       New_Visitor   FALSE   FALSE
## 3164          3 Returning_Visitor    TRUE   FALSE
## 3165          3 Returning_Visitor   FALSE    TRUE
## 3166          4 Returning_Visitor   FALSE   FALSE
## 3167         13 Returning_Visitor    TRUE   FALSE
## 3168          3 Returning_Visitor   FALSE   FALSE
## 3169          4       New_Visitor    TRUE   FALSE
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## 3171          6 Returning_Visitor   FALSE   FALSE
## 3172          2       New_Visitor   FALSE    TRUE
## 3173          2       New_Visitor    TRUE   FALSE
## 3174          2 Returning_Visitor   FALSE   FALSE
## 3175          4 Returning_Visitor   FALSE   FALSE
## 3176         13 Returning_Visitor   FALSE   FALSE
## 3177          3 Returning_Visitor   FALSE   FALSE
## 3178          4       New_Visitor   FALSE   FALSE
## 3179          4 Returning_Visitor   FALSE   FALSE
## 3180          4 Returning_Visitor   FALSE   FALSE
## 3181         13 Returning_Visitor   FALSE   FALSE
## 3182          3 Returning_Visitor   FALSE   FALSE
## 3183         13 Returning_Visitor   FALSE   FALSE
## 3184          3 Returning_Visitor   FALSE   FALSE
## 3185          3 Returning_Visitor   FALSE    TRUE
## 3186          3 Returning_Visitor   FALSE   FALSE
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## 3187          4 Returning_Visitor   FALSE   FALSE
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## 3190          4 Returning_Visitor    TRUE   FALSE
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## 3192          2 Returning_Visitor   FALSE   FALSE
## 3193          4 Returning_Visitor   FALSE   FALSE
## 3194          2 Returning_Visitor   FALSE    TRUE
## 3195          1 Returning_Visitor   FALSE    TRUE
## 3196          4 Returning_Visitor   FALSE   FALSE
## 3197          2 Returning_Visitor   FALSE   FALSE
## 3198          2       New_Visitor   FALSE   FALSE
## 3199          3 Returning_Visitor   FALSE   FALSE
## 3200         13 Returning_Visitor   FALSE   FALSE
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## 3204          4 Returning_Visitor   FALSE   FALSE
## 3205          3 Returning_Visitor   FALSE   FALSE
## 3206          5       New_Visitor   FALSE   FALSE
## 3207          4 Returning_Visitor    TRUE   FALSE
## 3208          5 Returning_Visitor   FALSE   FALSE
## 3209          5 Returning_Visitor   FALSE   FALSE
## 3210          1 Returning_Visitor   FALSE   FALSE
## 3211          2 Returning_Visitor   FALSE   FALSE
## 3212          4 Returning_Visitor    TRUE   FALSE
## 3213          6 Returning_Visitor   FALSE   FALSE
## 3214          6 Returning_Visitor   FALSE   FALSE
## 3215          2 Returning_Visitor   FALSE   FALSE
## 3216          1 Returning_Visitor   FALSE   FALSE
## 3217          4 Returning_Visitor   FALSE   FALSE
## 3218          2 Returning_Visitor   FALSE   FALSE
## 3219          1 Returning_Visitor   FALSE   FALSE
## 3220          2 Returning_Visitor    TRUE    TRUE
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## 3222          6 Returning_Visitor    TRUE   FALSE
## 3223         13 Returning_Visitor   FALSE   FALSE
## 3224          2 Returning_Visitor   FALSE   FALSE
## 3225          1 Returning_Visitor   FALSE   FALSE
## 3226          4 Returning_Visitor   FALSE   FALSE
## 3227         13 Returning_Visitor   FALSE   FALSE
## 3228          3 Returning_Visitor   FALSE   FALSE
## 3229          2 Returning_Visitor   FALSE   FALSE
## 3230          1 Returning_Visitor   FALSE   FALSE
## 3231          1 Returning_Visitor   FALSE   FALSE
## 3233          4 Returning_Visitor    TRUE   FALSE
## 3234          3 Returning_Visitor   FALSE   FALSE
## 3235          4 Returning_Visitor   FALSE   FALSE
## 3236          3 Returning_Visitor    TRUE   FALSE
## 3237          4 Returning_Visitor   FALSE   FALSE
## 3238          2       New_Visitor   FALSE   FALSE
## 3239          3 Returning_Visitor    TRUE   FALSE
## 3240          2 Returning_Visitor   FALSE   FALSE
## 3241          2 Returning_Visitor   FALSE    TRUE
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## 3242          4 Returning_Visitor   FALSE   FALSE
## 3243          4 Returning_Visitor   FALSE   FALSE
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## 3245          3 Returning_Visitor   FALSE   FALSE
## 3246          4 Returning_Visitor   FALSE   FALSE
## 3247          6 Returning_Visitor   FALSE   FALSE
## 3248          2 Returning_Visitor   FALSE   FALSE
## 3249          6 Returning_Visitor   FALSE   FALSE
## 3250          6 Returning_Visitor    TRUE   FALSE
## 3251          3 Returning_Visitor    TRUE   FALSE
## 3252          1 Returning_Visitor   FALSE   FALSE
## 3253          4 Returning_Visitor    TRUE   FALSE
## 3254          5 Returning_Visitor    TRUE   FALSE
## 3255          4 Returning_Visitor   FALSE   FALSE
## 3256          3 Returning_Visitor   FALSE   FALSE
## 3257          4 Returning_Visitor   FALSE   FALSE
## 3258         13 Returning_Visitor   FALSE   FALSE
## 3259          4 Returning_Visitor   FALSE   FALSE
## 3260          2 Returning_Visitor   FALSE   FALSE
## 3261          2 Returning_Visitor    TRUE   FALSE
## 3262          4 Returning_Visitor   FALSE   FALSE
## 3263          4 Returning_Visitor   FALSE   FALSE
## 3264          6 Returning_Visitor   FALSE   FALSE
## 3265          3 Returning_Visitor   FALSE   FALSE
## 3266          3 Returning_Visitor   FALSE   FALSE
## 3267          3 Returning_Visitor   FALSE   FALSE
## 3268          2 Returning_Visitor   FALSE   FALSE
## 3269          4 Returning_Visitor   FALSE   FALSE
## 3270          4 Returning_Visitor   FALSE   FALSE
## 3271         11 Returning_Visitor   FALSE   FALSE
## 3272          2 Returning_Visitor   FALSE   FALSE
## 3274          1 Returning_Visitor   FALSE   FALSE
## 3275          3 Returning_Visitor   FALSE   FALSE
## 3276          1 Returning_Visitor   FALSE   FALSE
## 3277          1 Returning_Visitor    TRUE   FALSE
## 3278          2 Returning_Visitor   FALSE   FALSE
## 3279          3 Returning_Visitor   FALSE   FALSE
## 3280          1 Returning_Visitor   FALSE   FALSE
## 3281          4 Returning_Visitor   FALSE   FALSE
## 3283         13 Returning_Visitor   FALSE   FALSE
## 3284          6 Returning_Visitor   FALSE   FALSE
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## 3286         13 Returning_Visitor   FALSE   FALSE
## 3287          4 Returning_Visitor   FALSE   FALSE
## 3288          6 Returning_Visitor   FALSE   FALSE
## 3289          2 Returning_Visitor   FALSE   FALSE
## 3290          3 Returning_Visitor    TRUE   FALSE
## 3291          2 Returning_Visitor   FALSE   FALSE
## 3292          6 Returning_Visitor   FALSE   FALSE
## 3293          3 Returning_Visitor   FALSE   FALSE
## 3294          2 Returning_Visitor   FALSE    TRUE
## 3295          1 Returning_Visitor   FALSE   FALSE
## 3296         13 Returning_Visitor   FALSE   FALSE
## 3297          4 Returning_Visitor   FALSE   FALSE
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## 3301           2 Returning_Visitor   FALSE   FALSE
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## 3303           4 Returning_Visitor   FALSE   FALSE
## 3304          11 Returning_Visitor    TRUE   FALSE
## 3305           2 Returning_Visitor    TRUE   FALSE
## 3306          13 Returning_Visitor   FALSE   FALSE
## 3307           2 Returning_Visitor   FALSE   FALSE
## 3308           6 Returning_Visitor    TRUE    TRUE
## 3309           6 Returning_Visitor    TRUE   FALSE
## 3310           4 Returning_Visitor   FALSE   FALSE
## 3311           1 Returning_Visitor   FALSE   FALSE
## 3312           1 Returning_Visitor   FALSE   FALSE
## 3313           2       New_Visitor   FALSE    TRUE
## 3314           6 Returning_Visitor   FALSE   FALSE
## 3315           4 Returning_Visitor    TRUE   FALSE
## 3316           4       New_Visitor    TRUE   FALSE
## 3317           4 Returning_Visitor   FALSE   FALSE
## 3318           5       New_Visitor   FALSE    TRUE
## 3319           2 Returning_Visitor   FALSE   FALSE
## 3320           1 Returning_Visitor   FALSE   FALSE
## 3321           2 Returning_Visitor    TRUE    TRUE
## 3322           2 Returning_Visitor    TRUE   FALSE
## 3323           4 Returning_Visitor    TRUE   FALSE
## 3324           1 Returning_Visitor   FALSE   FALSE
## 3325          11       New_Visitor    TRUE   FALSE
## 3326           3 Returning_Visitor   FALSE   FALSE
## 3327           4 Returning_Visitor   FALSE   FALSE
## 3328           3 Returning_Visitor   FALSE   FALSE
## 3329          13 Returning_Visitor    TRUE   FALSE
## 3330           6 Returning_Visitor   FALSE   FALSE
## 3331           3 Returning_Visitor   FALSE   FALSE
## 3332           3 Returning_Visitor   FALSE   FALSE
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## 3334           4 Returning_Visitor   FALSE   FALSE
## 3335           4 Returning_Visitor   FALSE   FALSE
## 3336           3 Returning_Visitor   FALSE   FALSE
## 3337           5       New_Visitor   FALSE   FALSE
## 3338           2       New_Visitor    TRUE   FALSE
## 3339           2       New_Visitor   FALSE    TRUE
## 3340           2 Returning_Visitor   FALSE   FALSE
## 3341           4 Returning_Visitor    TRUE    TRUE
## 3342           2 Returning_Visitor   FALSE    TRUE
## 3343          11 Returning_Visitor    TRUE   FALSE
## 3344           4 Returning_Visitor   FALSE   FALSE
## 3345           4 Returning_Visitor   FALSE   FALSE
## 3346           2 Returning_Visitor    TRUE    TRUE
## 3347           4 Returning_Visitor   FALSE   FALSE
## 3348           3 Returning_Visitor   FALSE   FALSE
## 3349          13 Returning_Visitor   FALSE   FALSE
## 3350          13 Returning_Visitor   FALSE   FALSE
## 3351           3 Returning_Visitor   FALSE   FALSE
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## 3352           3 Returning_Visitor   FALSE   FALSE
## 3353           2 Returning_Visitor   FALSE   FALSE
## 3354           4 Returning_Visitor   FALSE   FALSE
## 3355           4 Returning_Visitor    TRUE   FALSE
## 3356           2 Returning_Visitor   FALSE    TRUE
## 3357          15 Returning_Visitor   FALSE   FALSE
## 3358           4 Returning_Visitor   FALSE   FALSE
## 3359           4 Returning_Visitor    TRUE   FALSE
## 3360           6 Returning_Visitor    TRUE   FALSE
## 3361           3 Returning_Visitor   FALSE    TRUE
## 3362          13 Returning_Visitor   FALSE   FALSE
## 3363           3 Returning_Visitor   FALSE   FALSE
## 3364           4 Returning_Visitor    TRUE   FALSE
## 3365           2 Returning_Visitor   FALSE   FALSE
## 3366          13 Returning_Visitor   FALSE   FALSE
## 3367           4       New_Visitor   FALSE   FALSE
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## 3369           4 Returning_Visitor   FALSE   FALSE
## 3370           4 Returning_Visitor   FALSE   FALSE
## 3371           2 Returning_Visitor    TRUE   FALSE
## 3372           2 Returning_Visitor    TRUE   FALSE
## 3373           2       New_Visitor    TRUE   FALSE
## 3374           4 Returning_Visitor    TRUE    TRUE
## 3375           2 Returning_Visitor   FALSE   FALSE
## 3376           4 Returning_Visitor    TRUE   FALSE
## 3377          13 Returning_Visitor   FALSE   FALSE
## 3378           3 Returning_Visitor   FALSE    TRUE
## 3379           6 Returning_Visitor   FALSE   FALSE
## 3380           4 Returning_Visitor   FALSE   FALSE
## 3381           3 Returning_Visitor   FALSE    TRUE
## 3382           4       New_Visitor   FALSE    TRUE
## 3383           3 Returning_Visitor   FALSE   FALSE
## 3384           3 Returning_Visitor   FALSE   FALSE
## 3385           1 Returning_Visitor   FALSE   FALSE
## 3386           1 Returning_Visitor   FALSE   FALSE
## 3387           3 Returning_Visitor   FALSE   FALSE
## 3388           4 Returning_Visitor    TRUE   FALSE
## 3389           6 Returning_Visitor   FALSE   FALSE
## 3390           4 Returning_Visitor   FALSE   FALSE
## 3391           2 Returning_Visitor   FALSE   FALSE
## 3392           3 Returning_Visitor   FALSE   FALSE
## 3393           1 Returning_Visitor   FALSE   FALSE
## 3394           4 Returning_Visitor   FALSE    TRUE
## 3395           3 Returning_Visitor   FALSE   FALSE
## 3396           2 Returning_Visitor   FALSE   FALSE
## 3397           2       New_Visitor   FALSE   FALSE
## 3398           6 Returning_Visitor   FALSE    TRUE
## 3399           3 Returning_Visitor    TRUE    TRUE
## 3400           2 Returning_Visitor    TRUE   FALSE
## 3401           3 Returning_Visitor   FALSE   FALSE
## 3402           4 Returning_Visitor   FALSE   FALSE
## 3403           2 Returning_Visitor   FALSE   FALSE
## 3404           4 Returning_Visitor   FALSE   FALSE
## 3405           3       New_Visitor   FALSE    TRUE
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## 3407          13 Returning_Visitor   FALSE   FALSE
## 3408           2 Returning_Visitor    TRUE   FALSE
## 3409           5 Returning_Visitor    TRUE   FALSE
## 3410          13 Returning_Visitor   FALSE   FALSE
## 3411           4 Returning_Visitor   FALSE   FALSE
## 3412           4 Returning_Visitor   FALSE   FALSE
## 3413           4 Returning_Visitor    TRUE   FALSE
## 3414           3 Returning_Visitor   FALSE   FALSE
## 3415           3 Returning_Visitor   FALSE   FALSE
## 3416           1 Returning_Visitor   FALSE   FALSE
## 3417           3 Returning_Visitor   FALSE   FALSE
## 3418           1 Returning_Visitor   FALSE   FALSE
## 3419           3 Returning_Visitor   FALSE   FALSE
## 3420           2 Returning_Visitor   FALSE   FALSE
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## 3422           2 Returning_Visitor   FALSE   FALSE
## 3423           2 Returning_Visitor   FALSE   FALSE
## 3424           2       New_Visitor   FALSE   FALSE
## 3425           4 Returning_Visitor   FALSE   FALSE
## 3426           3 Returning_Visitor   FALSE    TRUE
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## 3428           2 Returning_Visitor    TRUE   FALSE
## 3429           1 Returning_Visitor   FALSE   FALSE
## 3430           3 Returning_Visitor   FALSE   FALSE
## 3431           1 Returning_Visitor   FALSE    TRUE
## 3432          13 Returning_Visitor   FALSE   FALSE
## 3433          11 Returning_Visitor   FALSE   FALSE
## 3434           1 Returning_Visitor   FALSE   FALSE
## 3435          13 Returning_Visitor   FALSE   FALSE
## 3436           2 Returning_Visitor   FALSE    TRUE
## 3437           6 Returning_Visitor   FALSE   FALSE
## 3438           3 Returning_Visitor   FALSE   FALSE
## 3439          13 Returning_Visitor   FALSE   FALSE
## 3440           1 Returning_Visitor   FALSE   FALSE
## 3441           6 Returning_Visitor   FALSE   FALSE
## 3442           4 Returning_Visitor    TRUE   FALSE
## 3443           2 Returning_Visitor   FALSE   FALSE
## 3444           1 Returning_Visitor   FALSE   FALSE
## 3445           2 Returning_Visitor   FALSE   FALSE
## 3446           3 Returning_Visitor   FALSE   FALSE
## 3447           3 Returning_Visitor   FALSE   FALSE
## 3448          13 Returning_Visitor   FALSE   FALSE
## 3449           2 Returning_Visitor   FALSE   FALSE
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## 3452           4 Returning_Visitor   FALSE   FALSE
## 3453           2 Returning_Visitor   FALSE   FALSE
## 3454           6 Returning_Visitor   FALSE   FALSE
## 3455           4 Returning_Visitor    TRUE   FALSE
## 3456          13 Returning_Visitor    TRUE   FALSE
## 3457          13 Returning_Visitor   FALSE   FALSE
## 3458           2       New_Visitor   FALSE   FALSE
## 3459           2 Returning_Visitor   FALSE   FALSE
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## 3462          13 Returning_Visitor   FALSE   FALSE
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## 3466          13 Returning_Visitor   FALSE   FALSE
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## 3470           4 Returning_Visitor    TRUE   FALSE
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## 3472           2       New_Visitor    TRUE   FALSE
## 3473           4 Returning_Visitor   FALSE   FALSE
## 3474           4 Returning_Visitor   FALSE   FALSE
## 3475           3 Returning_Visitor   FALSE   FALSE
## 3476           1 Returning_Visitor   FALSE   FALSE
## 3477           4       New_Visitor   FALSE   FALSE
## 3478           2 Returning_Visitor   FALSE   FALSE
## 3479           3 Returning_Visitor   FALSE   FALSE
## 3480           4 Returning_Visitor   FALSE   FALSE
## 3481          13 Returning_Visitor   FALSE   FALSE
## 3482           5       New_Visitor   FALSE   FALSE
## 3483           4 Returning_Visitor    TRUE   FALSE
## 3484           4 Returning_Visitor    TRUE   FALSE
## 3485           3 Returning_Visitor   FALSE   FALSE
## 3486           6 Returning_Visitor   FALSE   FALSE
## 3487           4 Returning_Visitor    TRUE   FALSE
## 3488           5 Returning_Visitor   FALSE   FALSE
## 3489           3       New_Visitor   FALSE    TRUE
## 3490           4 Returning_Visitor   FALSE   FALSE
## 3491           3 Returning_Visitor   FALSE   FALSE
## 3492           1 Returning_Visitor   FALSE   FALSE
## 3493           2 Returning_Visitor    TRUE   FALSE
## 3494          11       New_Visitor   FALSE   FALSE
## 3495           2 Returning_Visitor   FALSE   FALSE
## 3496           4 Returning_Visitor   FALSE   FALSE
## 3497           3 Returning_Visitor   FALSE   FALSE
## 3498          13 Returning_Visitor   FALSE   FALSE
## 3499          13 Returning_Visitor   FALSE   FALSE
## 3500          11 Returning_Visitor    TRUE   FALSE
## 3501           4 Returning_Visitor    TRUE   FALSE
## 3502           4 Returning_Visitor   FALSE   FALSE
## 3503          13 Returning_Visitor   FALSE   FALSE
## 3504           6 Returning_Visitor    TRUE   FALSE
## 3505           1 Returning_Visitor    TRUE   FALSE
## 3506           2 Returning_Visitor   FALSE    TRUE
## 3507           4 Returning_Visitor    TRUE   FALSE
## 3508           6       New_Visitor    TRUE   FALSE
## 3509           2 Returning_Visitor   FALSE   FALSE
## 3510           2 Returning_Visitor   FALSE   FALSE
## 3511           2 Returning_Visitor    TRUE   FALSE
## 3512           4 Returning_Visitor   FALSE   FALSE
## 3513           2 Returning_Visitor   FALSE    TRUE
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## 3516           2       New_Visitor   FALSE   FALSE
## 3517           4 Returning_Visitor    TRUE   FALSE
## 3518           4 Returning_Visitor   FALSE   FALSE
## 3519           5       New_Visitor    TRUE   FALSE
## 3520          13 Returning_Visitor   FALSE   FALSE
## 3521           3 Returning_Visitor   FALSE   FALSE
## 3522          13 Returning_Visitor   FALSE   FALSE
## 3523           3 Returning_Visitor   FALSE   FALSE
## 3524           2 Returning_Visitor   FALSE   FALSE
## 3525           1 Returning_Visitor    TRUE    TRUE
## 3526           2 Returning_Visitor   FALSE    TRUE
## 3527           4 Returning_Visitor   FALSE   FALSE
## 3528           3 Returning_Visitor   FALSE   FALSE
## 3529           6 Returning_Visitor   FALSE   FALSE
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## 3532           6 Returning_Visitor    TRUE   FALSE
## 3533           2 Returning_Visitor   FALSE   FALSE
## 3534           1 Returning_Visitor   FALSE   FALSE
## 3535           2       New_Visitor   FALSE   FALSE
## 3536           3 Returning_Visitor   FALSE   FALSE
## 3537           5 Returning_Visitor    TRUE   FALSE
## 3538           3 Returning_Visitor   FALSE    TRUE
## 3539           6 Returning_Visitor    TRUE   FALSE
## 3540           3 Returning_Visitor   FALSE   FALSE
## 3541           3 Returning_Visitor   FALSE   FALSE
## 3542          13 Returning_Visitor    TRUE   FALSE
## 3543           4 Returning_Visitor   FALSE   FALSE
## 3544           3 Returning_Visitor   FALSE   FALSE
## 3545          13 Returning_Visitor   FALSE    TRUE
## 3546          13 Returning_Visitor   FALSE   FALSE
## 3547           4       New_Visitor   FALSE    TRUE
## 3548           1 Returning_Visitor   FALSE   FALSE
## 3549           2 Returning_Visitor    TRUE    TRUE
## 3550           4 Returning_Visitor   FALSE   FALSE
## 3551          13 Returning_Visitor   FALSE   FALSE
## 3552           4 Returning_Visitor   FALSE    TRUE
## 3553           3 Returning_Visitor   FALSE   FALSE
## 3554           4 Returning_Visitor    TRUE   FALSE
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## 3556           2 Returning_Visitor    TRUE   FALSE
## 3557           3 Returning_Visitor   FALSE   FALSE
## 3558           6 Returning_Visitor   FALSE   FALSE
## 3559          13 Returning_Visitor   FALSE   FALSE
## 3560           6 Returning_Visitor   FALSE   FALSE
## 3561           3 Returning_Visitor   FALSE   FALSE
## 3562           4 Returning_Visitor   FALSE   FALSE
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## 3564           2 Returning_Visitor   FALSE   FALSE
## 3565           3 Returning_Visitor   FALSE   FALSE
## 3566           2 Returning_Visitor    TRUE   FALSE
## 3567           2 Returning_Visitor    TRUE   FALSE
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## 3569           3 Returning_Visitor   FALSE   FALSE
## 3570           6 Returning_Visitor   FALSE   FALSE
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## 3574           3 Returning_Visitor   FALSE   FALSE
## 3575           3       New_Visitor   FALSE   FALSE
## 3576           6 Returning_Visitor   FALSE   FALSE
## 3577           1 Returning_Visitor    TRUE   FALSE
## 3579           1 Returning_Visitor   FALSE   FALSE
## 3580          11 Returning_Visitor   FALSE   FALSE
## 3581          11 Returning_Visitor   FALSE   FALSE
## 3582          19 Returning_Visitor    TRUE    TRUE
## 3583           2 Returning_Visitor   FALSE    TRUE
## 3584           3 Returning_Visitor   FALSE   FALSE
## 3585           1 Returning_Visitor   FALSE   FALSE
## 3586           4       New_Visitor    TRUE   FALSE
## 3587           1 Returning_Visitor   FALSE   FALSE
## 3588           2 Returning_Visitor   FALSE   FALSE
## 3589           2       New_Visitor   FALSE    TRUE
## 3590          15 Returning_Visitor   FALSE   FALSE
## 3591          13 Returning_Visitor   FALSE   FALSE
## 3592           4 Returning_Visitor   FALSE   FALSE
## 3593           2 Returning_Visitor   FALSE   FALSE
## 3594           4 Returning_Visitor   FALSE   FALSE
## 3595           2 Returning_Visitor   FALSE    TRUE
## 3596           3 Returning_Visitor   FALSE   FALSE
## 3597           2 Returning_Visitor    TRUE   FALSE
## 3598           4 Returning_Visitor    TRUE   FALSE
## 3599           3 Returning_Visitor    TRUE   FALSE
## 3600           1 Returning_Visitor   FALSE   FALSE
## 3601           2 Returning_Visitor   FALSE   FALSE
## 3602           2 Returning_Visitor   FALSE   FALSE
## 3603          14 Returning_Visitor    TRUE    TRUE
## 3604           3 Returning_Visitor    TRUE   FALSE
## 3605           3 Returning_Visitor    TRUE   FALSE
## 3606          13 Returning_Visitor   FALSE   FALSE
## 3607           3 Returning_Visitor   FALSE   FALSE
## 3608           3 Returning_Visitor   FALSE   FALSE
## 3609           3 Returning_Visitor    TRUE   FALSE
## 3610          13 Returning_Visitor   FALSE   FALSE
## 3611           3 Returning_Visitor   FALSE   FALSE
## 3612           2 Returning_Visitor   FALSE   FALSE
## 3613           1 Returning_Visitor   FALSE   FALSE
## 3614           2 Returning_Visitor   FALSE    TRUE
## 3615           4 Returning_Visitor   FALSE   FALSE
## 3616           4 Returning_Visitor   FALSE   FALSE
## 3617           3 Returning_Visitor   FALSE   FALSE
## 3618          13 Returning_Visitor   FALSE   FALSE
## 3619           4       New_Visitor    TRUE   FALSE
## 3620           3 Returning_Visitor   FALSE   FALSE
## 3621           4 Returning_Visitor   FALSE   FALSE
## 3622           3 Returning_Visitor   FALSE   FALSE
```

```
## 3623           2 Returning_Visitor    TRUE   FALSE
## 3624           4 Returning_Visitor    TRUE   FALSE
## 3625           1 Returning_Visitor   FALSE   FALSE
## 3626           3 Returning_Visitor    TRUE   FALSE
## 3627           2       New_Visitor   FALSE   FALSE
## 3628           2 Returning_Visitor    TRUE   FALSE
## 3629           1 Returning_Visitor   FALSE   FALSE
## 3630           6 Returning_Visitor    TRUE   FALSE
## 3631           4 Returning_Visitor   FALSE   FALSE
## 3632           1 Returning_Visitor    TRUE   FALSE
## 3633          13 Returning_Visitor   FALSE   FALSE
## 3634           5       New_Visitor   FALSE   FALSE
## 3635           5 Returning_Visitor   FALSE    TRUE
## 3636           1 Returning_Visitor   FALSE   FALSE
## 3637           2 Returning_Visitor    TRUE   FALSE
## 3638           1 Returning_Visitor   FALSE   FALSE
## 3639           3 Returning_Visitor   FALSE   FALSE
## 3640          13 Returning_Visitor   FALSE   FALSE
## 3641           1 Returning_Visitor   FALSE   FALSE
## 3642           3 Returning_Visitor   FALSE   FALSE
## 3643           4 Returning_Visitor    TRUE   FALSE
## 3644           6 Returning_Visitor   FALSE   FALSE
## 3645           2       New_Visitor   FALSE   FALSE
## 3646          13 Returning_Visitor   FALSE   FALSE
## 3647           4 Returning_Visitor   FALSE   FALSE
## 3648           2       New_Visitor   FALSE   FALSE
## 3649           4 Returning_Visitor   FALSE   FALSE
## 3650          13 Returning_Visitor   FALSE   FALSE
## 3652           3 Returning_Visitor   FALSE   FALSE
## 3653           3 Returning_Visitor   FALSE   FALSE
## 3654          13 Returning_Visitor   FALSE   FALSE
## 3655           5       New_Visitor   FALSE   FALSE
## 3656           3 Returning_Visitor   FALSE   FALSE
## 3657           3 Returning_Visitor   FALSE   FALSE
## 3658           1 Returning_Visitor   FALSE   FALSE
## 3659           4 Returning_Visitor    TRUE   FALSE
## 3660           4 Returning_Visitor   FALSE   FALSE
## 3661           6 Returning_Visitor   FALSE   FALSE
## 3662           3 Returning_Visitor   FALSE   FALSE
## 3663           3 Returning_Visitor   FALSE   FALSE
## 3665           2 Returning_Visitor   FALSE    TRUE
## 3666          18 Returning_Visitor    TRUE   FALSE
## 3667           3 Returning_Visitor   FALSE   FALSE
## 3668           4       New_Visitor    TRUE   FALSE
## 3669           6 Returning_Visitor   FALSE   FALSE
## 3670           2 Returning_Visitor    TRUE   FALSE
## 3671           3 Returning_Visitor   FALSE   FALSE
## 3672           4 Returning_Visitor   FALSE   FALSE
## 3673           3 Returning_Visitor    TRUE   FALSE
## 3674           2 Returning_Visitor   FALSE   FALSE
## 3675           3       New_Visitor   FALSE   FALSE
## 3676           1 Returning_Visitor   FALSE   FALSE
## 3677           4 Returning_Visitor    TRUE    TRUE
## 3678          13 Returning_Visitor   FALSE   FALSE
```

```
## 3679          2 Returning_Visitor   FALSE   FALSE
## 3680          4 Returning_Visitor   FALSE   FALSE
## 3681          1 Returning_Visitor   FALSE   FALSE
## 3682          2 Returning_Visitor   FALSE   FALSE
## 3683          2 Returning_Visitor    TRUE   FALSE
## 3684         13 Returning_Visitor   FALSE   FALSE
## 3685          4 Returning_Visitor   FALSE   FALSE
## 3686          3 Returning_Visitor   FALSE   FALSE
## 3687          4       New_Visitor   FALSE   FALSE
## 3688          3 Returning_Visitor   FALSE   FALSE
## 3689          4 Returning_Visitor   FALSE    TRUE
## 3690          3 Returning_Visitor   FALSE   FALSE
## 3691          2 Returning_Visitor   FALSE   FALSE
## 3692          4 Returning_Visitor   FALSE   FALSE
## 3693          3 Returning_Visitor   FALSE   FALSE
## 3694          1 Returning_Visitor   FALSE   FALSE
## 3695          2 Returning_Visitor    TRUE   FALSE
## 3696          5       New_Visitor   FALSE   FALSE
## 3697          3 Returning_Visitor   FALSE   FALSE
## 3698          3 Returning_Visitor   FALSE   FALSE
## 3699          3 Returning_Visitor   FALSE   FALSE
## 3700          2 Returning_Visitor   FALSE   FALSE
## 3701          3 Returning_Visitor   FALSE   FALSE
## 3702          4 Returning_Visitor   FALSE   FALSE
## 3703          2       New_Visitor   FALSE    TRUE
## 3704          2 Returning_Visitor    TRUE   FALSE
## 3705          6 Returning_Visitor   FALSE   FALSE
## 3706          3 Returning_Visitor   FALSE   FALSE
## 3707         13 Returning_Visitor   FALSE   FALSE
## 3708          2 Returning_Visitor   FALSE   FALSE
## 3709          4 Returning_Visitor   FALSE   FALSE
## 3710          4 Returning_Visitor   FALSE   FALSE
## 3711          1 Returning_Visitor    TRUE   FALSE
## 3712          2       New_Visitor   FALSE   FALSE
## 3713          2 Returning_Visitor   FALSE   FALSE
## 3714          6 Returning_Visitor   FALSE   FALSE
## 3715          1 Returning_Visitor   FALSE    TRUE
## 3716          3 Returning_Visitor   FALSE   FALSE
## 3717          4 Returning_Visitor   FALSE   FALSE
## 3718          4 Returning_Visitor   FALSE   FALSE
## 3719          1 Returning_Visitor   FALSE   FALSE
## 3720         11 Returning_Visitor    TRUE   FALSE
## 3721          3 Returning_Visitor   FALSE   FALSE
## 3723          2 Returning_Visitor   FALSE   FALSE
## 3724          3 Returning_Visitor    TRUE   FALSE
## 3725          6 Returning_Visitor   FALSE   FALSE
## 3726          4 Returning_Visitor   FALSE   FALSE
## 3727          3 Returning_Visitor   FALSE   FALSE
## 3728          3 Returning_Visitor    TRUE   FALSE
## 3729          6 Returning_Visitor   FALSE   FALSE
## 3730          6 Returning_Visitor   FALSE   FALSE
## 3731          6 Returning_Visitor   FALSE   FALSE
## 3732          4 Returning_Visitor   FALSE   FALSE
## 3733          1 Returning_Visitor   FALSE   FALSE
```

```
## 3734           1 Returning_Visitor   FALSE   FALSE
## 3735           1 Returning_Visitor   FALSE   FALSE
## 3736           6 Returning_Visitor   FALSE   FALSE
## 3737           1 Returning_Visitor   FALSE   FALSE
## 3738           3 Returning_Visitor   FALSE   FALSE
## 3739           3 Returning_Visitor    TRUE   FALSE
## 3740          13 Returning_Visitor   FALSE   FALSE
## 3741           1 Returning_Visitor   FALSE   FALSE
## 3742           5 Returning_Visitor    TRUE    TRUE
## 3743           1 Returning_Visitor   FALSE   FALSE
## 3744          13 Returning_Visitor   FALSE   FALSE
## 3745           4 Returning_Visitor    TRUE   FALSE
## 3746           2 Returning_Visitor   FALSE   FALSE
## 3747          20 Returning_Visitor   FALSE   FALSE
## 3748          13       New_Visitor   FALSE   FALSE
## 3749          18 Returning_Visitor   FALSE   FALSE
## 3750           6 Returning_Visitor   FALSE   FALSE
## 3751           2       New_Visitor   FALSE   FALSE
## 3752           6 Returning_Visitor   FALSE   FALSE
## 3753          13 Returning_Visitor   FALSE   FALSE
## 3754           4 Returning_Visitor    TRUE   FALSE
## 3755           2 Returning_Visitor   FALSE   FALSE
## 3756           6 Returning_Visitor   FALSE   FALSE
## 3757           4 Returning_Visitor   FALSE   FALSE
## 3758           3 Returning_Visitor    TRUE   FALSE
## 3759           4       New_Visitor    TRUE   FALSE
## 3760           6 Returning_Visitor    TRUE   FALSE
## 3761           6 Returning_Visitor   FALSE   FALSE
## 3762           1 Returning_Visitor   FALSE   FALSE
## 3763           3 Returning_Visitor   FALSE   FALSE
## 3764           3 Returning_Visitor   FALSE   FALSE
## 3765           2 Returning_Visitor    TRUE   FALSE
## 3766           2 Returning_Visitor   FALSE   FALSE
## 3767           2 Returning_Visitor   FALSE   FALSE
## 3768           1 Returning_Visitor   FALSE   FALSE
## 3769           4 Returning_Visitor    TRUE   FALSE
## 3770           1 Returning_Visitor   FALSE   FALSE
## 3771           1 Returning_Visitor    TRUE   FALSE
## 3772           1 Returning_Visitor   FALSE   FALSE
## 3773           3 Returning_Visitor   FALSE    TRUE
## 3774           4 Returning_Visitor   FALSE   FALSE
## 3775           3 Returning_Visitor   FALSE   FALSE
## 3776           4 Returning_Visitor   FALSE   FALSE
## 3777           4 Returning_Visitor   FALSE   FALSE
## 3778           1 Returning_Visitor   FALSE   FALSE
## 3779           2       New_Visitor   FALSE    TRUE
## 3780           4 Returning_Visitor    TRUE    TRUE
## 3781           2 Returning_Visitor   FALSE   FALSE
## 3782           5 Returning_Visitor    TRUE   FALSE
## 3783          15 Returning_Visitor    TRUE   FALSE
## 3784          13 Returning_Visitor   FALSE   FALSE
## 3785           4 Returning_Visitor    TRUE   FALSE
## 3786          13 Returning_Visitor   FALSE   FALSE
## 3787           2       New_Visitor    TRUE   FALSE
```

```
## 3788           3 Returning_Visitor   FALSE   FALSE
## 3789           2 Returning_Visitor   FALSE   FALSE
## 3790           3 Returning_Visitor   FALSE   FALSE
## 3791          13 Returning_Visitor   FALSE   FALSE
## 3792           3 Returning_Visitor    TRUE   FALSE
## 3793           3 Returning_Visitor   FALSE   FALSE
## 3794           4 Returning_Visitor    TRUE   FALSE
## 3795          13 Returning_Visitor   FALSE   FALSE
## 3796           3 Returning_Visitor   FALSE   FALSE
## 3797           3 Returning_Visitor    TRUE   FALSE
## 3798           3       New_Visitor   FALSE    TRUE
## 3799           2       New_Visitor   FALSE   FALSE
## 3800           2 Returning_Visitor   FALSE    TRUE
## 3801           4       New_Visitor   FALSE   FALSE
## 3802           4 Returning_Visitor   FALSE   FALSE
## 3803           2 Returning_Visitor   FALSE   FALSE
## 3804           3 Returning_Visitor   FALSE   FALSE
## 3805           3 Returning_Visitor   FALSE   FALSE
## 3806           4 Returning_Visitor   FALSE   FALSE
## 3807          13 Returning_Visitor   FALSE   FALSE
## 3808           1 Returning_Visitor   FALSE   FALSE
## 3809           2 Returning_Visitor   FALSE   FALSE
## 3810           2 Returning_Visitor   FALSE   FALSE
## 3811           2 Returning_Visitor    TRUE   FALSE
## 3812           3 Returning_Visitor    TRUE   FALSE
## 3813           7 Returning_Visitor   FALSE   FALSE
## 3814           3 Returning_Visitor   FALSE   FALSE
## 3815           1 Returning_Visitor   FALSE   FALSE
## 3816           3       New_Visitor   FALSE   FALSE
## 3817          13 Returning_Visitor   FALSE   FALSE
## 3818           4 Returning_Visitor    TRUE    TRUE
## 3819           2 Returning_Visitor    TRUE   FALSE
## 3820           2 Returning_Visitor   FALSE   FALSE
## 3821           1 Returning_Visitor    TRUE   FALSE
## 3822           4 Returning_Visitor    TRUE   FALSE
## 3823           2 Returning_Visitor   FALSE   FALSE
## 3824           4       New_Visitor   FALSE   FALSE
## 3825           2 Returning_Visitor   FALSE   FALSE
## 3826           2 Returning_Visitor   FALSE    TRUE
## 3827           2 Returning_Visitor   FALSE   FALSE
## 3828           4 Returning_Visitor   FALSE   FALSE
## 3829          13 Returning_Visitor   FALSE   FALSE
## 3830           3 Returning_Visitor   FALSE   FALSE
## 3831           4 Returning_Visitor   FALSE   FALSE
## 3832           1 Returning_Visitor   FALSE   FALSE
## 3833           6 Returning_Visitor   FALSE   FALSE
## 3834           3 Returning_Visitor   FALSE   FALSE
## 3835          18       New_Visitor   FALSE   FALSE
## 3836           3 Returning_Visitor   FALSE   FALSE
## 3837           3 Returning_Visitor   FALSE   FALSE
## 3838           2 Returning_Visitor   FALSE   FALSE
## 3839           4 Returning_Visitor   FALSE   FALSE
## 3840           3 Returning_Visitor   FALSE   FALSE
## 3841          11 Returning_Visitor   FALSE   FALSE
```

```
## 3842          13 Returning_Visitor    TRUE   FALSE
## 3843           1 Returning_Visitor    TRUE   FALSE
## 3844           4 Returning_Visitor   FALSE   FALSE
## 3845           3 Returning_Visitor   FALSE   FALSE
## 3846           3 Returning_Visitor   FALSE   FALSE
## 3847           4 Returning_Visitor   FALSE   FALSE
## 3848           4 Returning_Visitor    TRUE   FALSE
## 3849           3 Returning_Visitor   FALSE   FALSE
## 3850           1 Returning_Visitor   FALSE   FALSE
## 3851          19 Returning_Visitor    TRUE   FALSE
## 3852           1 Returning_Visitor   FALSE   FALSE
## 3853           6 Returning_Visitor   FALSE   FALSE
## 3854           2 Returning_Visitor    TRUE   FALSE
## 3855          13 Returning_Visitor   FALSE   FALSE
## 3856           6 Returning_Visitor   FALSE   FALSE
## 3857           3 Returning_Visitor   FALSE   FALSE
## 3858           4 Returning_Visitor   FALSE   FALSE
## 3859           3 Returning_Visitor   FALSE   FALSE
## 3860           2 Returning_Visitor   FALSE   FALSE
## 3861           1 Returning_Visitor   FALSE   FALSE
## 3862           3 Returning_Visitor   FALSE   FALSE
## 3863           3 Returning_Visitor   FALSE   FALSE
## 3864           4 Returning_Visitor   FALSE   FALSE
## 3865           2 Returning_Visitor   FALSE    TRUE
## 3866           4 Returning_Visitor    TRUE   FALSE
## 3867          13 Returning_Visitor   FALSE   FALSE
## 3868           6 Returning_Visitor    TRUE   FALSE
## 3869           1 Returning_Visitor   FALSE   FALSE
## 3870           1 Returning_Visitor    TRUE    TRUE
## 3871           4 Returning_Visitor   FALSE   FALSE
## 3872           3 Returning_Visitor   FALSE   FALSE
## 3873          13 Returning_Visitor   FALSE   FALSE
## 3874           2 Returning_Visitor   FALSE   FALSE
## 3875           6 Returning_Visitor    TRUE   FALSE
## 3876           3 Returning_Visitor   FALSE   FALSE
## 3877           3 Returning_Visitor   FALSE    TRUE
## 3878           4 Returning_Visitor   FALSE   FALSE
## 3879           1 Returning_Visitor   FALSE   FALSE
## 3880           4 Returning_Visitor   FALSE   FALSE
## 3881           4 Returning_Visitor    TRUE   FALSE
## 3882           2 Returning_Visitor   FALSE   FALSE
## 3883          13 Returning_Visitor   FALSE   FALSE
## 3884           2 Returning_Visitor    TRUE   FALSE
## 3885           2 Returning_Visitor    TRUE   FALSE
## 3886          15 Returning_Visitor   FALSE   FALSE
## 3887           3 Returning_Visitor   FALSE   FALSE
## 3888           4 Returning_Visitor    TRUE   FALSE
## 3889           7 Returning_Visitor   FALSE   FALSE
## 3890          13 Returning_Visitor   FALSE   FALSE
## 3891           3 Returning_Visitor   FALSE   FALSE
## 3893           1 Returning_Visitor   FALSE   FALSE
## 3894           3 Returning_Visitor    TRUE   FALSE
## 3895          13 Returning_Visitor   FALSE   FALSE
## 3896           2       New_Visitor   FALSE    TRUE
```

```
## 3897           4 Returning_Visitor    TRUE    TRUE
## 3898           3 Returning_Visitor   FALSE   FALSE
## 3899           2 Returning_Visitor   FALSE    TRUE
## 3900           2       New_Visitor    TRUE    TRUE
## 3901           2 Returning_Visitor    TRUE   FALSE
## 3902           3 Returning_Visitor   FALSE   FALSE
## 3903           4 Returning_Visitor   FALSE   FALSE
## 3904           3 Returning_Visitor   FALSE   FALSE
## 3905           6 Returning_Visitor   FALSE   FALSE
## 3906           2 Returning_Visitor    TRUE   FALSE
## 3907          11       New_Visitor   FALSE   FALSE
## 3908           2 Returning_Visitor   FALSE   FALSE
## 3909           4 Returning_Visitor   FALSE   FALSE
## 3910           1 Returning_Visitor    TRUE   FALSE
## 3911           3 Returning_Visitor   FALSE   FALSE
## 3912           1 Returning_Visitor   FALSE   FALSE
## 3913           1 Returning_Visitor    TRUE   FALSE
## 3914           4 Returning_Visitor    TRUE   FALSE
## 3915           3       New_Visitor   FALSE   FALSE
## 3916           6 Returning_Visitor   FALSE   FALSE
## 3917          15 Returning_Visitor    TRUE   FALSE
## 3918           3 Returning_Visitor   FALSE    TRUE
## 3919           3 Returning_Visitor    TRUE   FALSE
## 3920           4 Returning_Visitor    TRUE   FALSE
## 3921           1 Returning_Visitor   FALSE    TRUE
## 3922           3 Returning_Visitor   FALSE   FALSE
## 3923           6 Returning_Visitor   FALSE   FALSE
## 3924           2 Returning_Visitor    TRUE   FALSE
## 3925           4 Returning_Visitor   FALSE   FALSE
## 3926           6 Returning_Visitor    TRUE   FALSE
## 3927           1 Returning_Visitor    TRUE   FALSE
## 3928           1 Returning_Visitor   FALSE   FALSE
## 3929           1 Returning_Visitor    TRUE   FALSE
## 3930           2 Returning_Visitor    TRUE   FALSE
## 3931           3 Returning_Visitor   FALSE   FALSE
## 3932          13 Returning_Visitor   FALSE   FALSE
## 3933           1 Returning_Visitor    TRUE   FALSE
## 3934           4 Returning_Visitor    TRUE   FALSE
## 3935           6 Returning_Visitor   FALSE    TRUE
## 3936           6 Returning_Visitor   FALSE   FALSE
## 3937           4 Returning_Visitor   FALSE   FALSE
## 3938           6 Returning_Visitor   FALSE   FALSE
## 3939           2 Returning_Visitor   FALSE   FALSE
## 3940           2 Returning_Visitor   FALSE   FALSE
## 3941           4 Returning_Visitor    TRUE   FALSE
## 3942           3 Returning_Visitor   FALSE   FALSE
## 3943           1 Returning_Visitor   FALSE   FALSE
## 3944           6 Returning_Visitor   FALSE   FALSE
## 3945           3 Returning_Visitor   FALSE    TRUE
## 3946           4 Returning_Visitor   FALSE   FALSE
## 3947           2 Returning_Visitor   FALSE   FALSE
## 3948           4 Returning_Visitor   FALSE    TRUE
## 3949           2 Returning_Visitor   FALSE   FALSE
## 3950          19 Returning_Visitor   FALSE   FALSE
```

```
## 3951           1 Returning_Visitor    TRUE   FALSE
## 3952           4       New_Visitor   FALSE    TRUE
## 3953           2 Returning_Visitor   FALSE   FALSE
## 3954           2 Returning_Visitor    TRUE   FALSE
## 3955           6 Returning_Visitor   FALSE   FALSE
## 3956           5       New_Visitor   FALSE   FALSE
## 3957           3 Returning_Visitor   FALSE   FALSE
## 3958           3 Returning_Visitor    TRUE   FALSE
## 3959           4       New_Visitor   FALSE    TRUE
## 3960           3 Returning_Visitor   FALSE   FALSE
## 3961           4 Returning_Visitor   FALSE   FALSE
## 3962           6 Returning_Visitor    TRUE   FALSE
## 3963           1 Returning_Visitor   FALSE   FALSE
## 3964           2 Returning_Visitor   FALSE   FALSE
## 3965           3       New_Visitor   FALSE   FALSE
## 3966           1 Returning_Visitor    TRUE   FALSE
## 3967           2 Returning_Visitor   FALSE    TRUE
## 3968          13 Returning_Visitor   FALSE    TRUE
## 3969          15 Returning_Visitor   FALSE   FALSE
## 3970           2 Returning_Visitor    TRUE    TRUE
## 3971           3 Returning_Visitor   FALSE   FALSE
## 3972           1 Returning_Visitor   FALSE   FALSE
## 3973           3 Returning_Visitor   FALSE   FALSE
## 3974           4 Returning_Visitor   FALSE   FALSE
## 3975          11 Returning_Visitor   FALSE   FALSE
## 3976           4 Returning_Visitor   FALSE   FALSE
## 3977           4 Returning_Visitor   FALSE   FALSE
## 3978           2 Returning_Visitor   FALSE   FALSE
## 3979           4 Returning_Visitor   FALSE    TRUE
## 3980           1 Returning_Visitor   FALSE   FALSE
## 3981           2 Returning_Visitor   FALSE   FALSE
## 3982           4 Returning_Visitor   FALSE   FALSE
## 3983           3 Returning_Visitor   FALSE   FALSE
## 3984           1 Returning_Visitor   FALSE   FALSE
## 3985           3 Returning_Visitor   FALSE   FALSE
## 3986           4 Returning_Visitor    TRUE   FALSE
## 3987           2 Returning_Visitor   FALSE   FALSE
## 3988          13 Returning_Visitor   FALSE   FALSE
## 3989           2       New_Visitor   FALSE   FALSE
## 3990           1 Returning_Visitor   FALSE   FALSE
## 3991           4 Returning_Visitor   FALSE   FALSE
## 3992           2 Returning_Visitor   FALSE   FALSE
## 3993           2 Returning_Visitor   FALSE   FALSE
## 3994           2 Returning_Visitor   FALSE   FALSE
## 3995           6 Returning_Visitor   FALSE   FALSE
## 3996           4 Returning_Visitor    TRUE   FALSE
## 3997           1 Returning_Visitor    TRUE   FALSE
## 3998           4       New_Visitor   FALSE   FALSE
## 3999           4 Returning_Visitor   FALSE   FALSE
## 4000           2       New_Visitor   FALSE   FALSE
## 4001           4 Returning_Visitor   FALSE   FALSE
## 4002           3 Returning_Visitor   FALSE   FALSE
## 4003           4       New_Visitor   FALSE    TRUE
## 4004           4 Returning_Visitor   FALSE   FALSE
```

```
## 4005           2 Returning_Visitor    TRUE   FALSE
## 4006           4 Returning_Visitor    TRUE    TRUE
## 4007           2       New_Visitor    TRUE    TRUE
## 4008           3 Returning_Visitor   FALSE   FALSE
## 4009           1 Returning_Visitor   FALSE   FALSE
## 4010           3 Returning_Visitor   FALSE   FALSE
## 4011           2 Returning_Visitor   FALSE   FALSE
## 4012           1 Returning_Visitor   FALSE   FALSE
## 4013           4       New_Visitor   FALSE    TRUE
## 4014           3 Returning_Visitor   FALSE   FALSE
## 4015           3 Returning_Visitor    TRUE   FALSE
## 4016           5 Returning_Visitor   FALSE   FALSE
## 4017           1 Returning_Visitor   FALSE   FALSE
## 4018           5       New_Visitor   FALSE   FALSE
## 4019          13 Returning_Visitor   FALSE   FALSE
## 4020           3 Returning_Visitor   FALSE   FALSE
## 4021           4 Returning_Visitor   FALSE   FALSE
## 4022           3 Returning_Visitor   FALSE   FALSE
## 4023          13 Returning_Visitor   FALSE   FALSE
## 4024           2 Returning_Visitor    TRUE   FALSE
## 4025          13 Returning_Visitor   FALSE   FALSE
## 4026           2 Returning_Visitor   FALSE   FALSE
## 4027           4 Returning_Visitor    TRUE   FALSE
## 4028           2 Returning_Visitor   FALSE   FALSE
## 4029           4 Returning_Visitor   FALSE   FALSE
## 4030           4 Returning_Visitor   FALSE   FALSE
## 4031          13 Returning_Visitor   FALSE   FALSE
## 4032           3 Returning_Visitor    TRUE    TRUE
## 4033           4 Returning_Visitor    TRUE   FALSE
## 4034           2 Returning_Visitor    TRUE   FALSE
## 4035           3       New_Visitor    TRUE   FALSE
## 4036          13 Returning_Visitor   FALSE   FALSE
## 4037           1 Returning_Visitor   FALSE   FALSE
## 4038           4 Returning_Visitor    TRUE   FALSE
## 4039           6 Returning_Visitor    TRUE   FALSE
## 4040          13 Returning_Visitor   FALSE   FALSE
## 4041           6 Returning_Visitor   FALSE   FALSE
## 4042          13 Returning_Visitor   FALSE   FALSE
## 4043           4 Returning_Visitor   FALSE   FALSE
## 4044          13 Returning_Visitor   FALSE    TRUE
## 4045           2 Returning_Visitor    TRUE   FALSE
## 4046           1 Returning_Visitor   FALSE   FALSE
## 4047           2 Returning_Visitor    TRUE   FALSE
## 4048           3 Returning_Visitor   FALSE   FALSE
## 4049          11 Returning_Visitor    TRUE    TRUE
## 4050           2 Returning_Visitor   FALSE    TRUE
## 4051           2       New_Visitor    TRUE    TRUE
## 4052           2 Returning_Visitor   FALSE   FALSE
## 4053           4 Returning_Visitor   FALSE   FALSE
## 4054           4 Returning_Visitor    TRUE   FALSE
## 4055           3 Returning_Visitor    TRUE   FALSE
## 4056           2 Returning_Visitor   FALSE   FALSE
## 4057           1 Returning_Visitor   FALSE   FALSE
## 4058          13 Returning_Visitor   FALSE   FALSE
```

```
## 4059          4 Returning_Visitor   FALSE   FALSE
## 4060         13 Returning_Visitor   FALSE   FALSE
## 4061          3 Returning_Visitor   FALSE   FALSE
## 4062         13 Returning_Visitor   FALSE   FALSE
## 4063          4 Returning_Visitor    TRUE   FALSE
## 4064          3 Returning_Visitor   FALSE   FALSE
## 4065          3 Returning_Visitor    TRUE   FALSE
## 4066          2       New_Visitor   FALSE   FALSE
## 4067          1 Returning_Visitor   FALSE   FALSE
## 4068          3 Returning_Visitor   FALSE   FALSE
## 4069          2       New_Visitor   FALSE    TRUE
## 4070          2       New_Visitor   FALSE    TRUE
## 4071          2 Returning_Visitor    TRUE    TRUE
## 4072          3 Returning_Visitor   FALSE   FALSE
## 4073         13 Returning_Visitor   FALSE    TRUE
## 4074         13 Returning_Visitor   FALSE   FALSE
## 4075          2 Returning_Visitor   FALSE   FALSE
## 4076          2 Returning_Visitor   FALSE   FALSE
## 4077          3 Returning_Visitor   FALSE   FALSE
## 4078          4 Returning_Visitor   FALSE   FALSE
## 4079          7 Returning_Visitor    TRUE   FALSE
## 4080          3 Returning_Visitor    TRUE   FALSE
## 4081         13 Returning_Visitor   FALSE   FALSE
## 4082          3       New_Visitor   FALSE   FALSE
## 4083          5 Returning_Visitor   FALSE   FALSE
## 4084          6 Returning_Visitor   FALSE   FALSE
## 4085          4 Returning_Visitor   FALSE   FALSE
## 4086          3 Returning_Visitor   FALSE   FALSE
## 4087          3 Returning_Visitor   FALSE   FALSE
## 4088         13 Returning_Visitor   FALSE   FALSE
## 4089          3 Returning_Visitor   FALSE   FALSE
## 4090          4 Returning_Visitor    TRUE   FALSE
## 4091         13 Returning_Visitor   FALSE   FALSE
## 4092          3 Returning_Visitor   FALSE   FALSE
## 4093          6 Returning_Visitor   FALSE   FALSE
## 4094          5       New_Visitor    TRUE   FALSE
## 4095          2 Returning_Visitor   FALSE   FALSE
## 4096         13 Returning_Visitor   FALSE   FALSE
## 4097          4       New_Visitor   FALSE    TRUE
## 4098          1 Returning_Visitor    TRUE   FALSE
## 4099          1 Returning_Visitor   FALSE   FALSE
## 4100          1 Returning_Visitor    TRUE   FALSE
## 4101         20 Returning_Visitor   FALSE   FALSE
## 4102          3 Returning_Visitor   FALSE   FALSE
## 4103         11 Returning_Visitor   FALSE   FALSE
## 4104         13 Returning_Visitor   FALSE   FALSE
## 4105          4 Returning_Visitor   FALSE   FALSE
## 4106          4 Returning_Visitor   FALSE   FALSE
## 4107         13 Returning_Visitor   FALSE   FALSE
## 4108          3 Returning_Visitor   FALSE   FALSE
## 4109          2 Returning_Visitor   FALSE   FALSE
## 4110          6 Returning_Visitor   FALSE   FALSE
## 4111          1 Returning_Visitor   FALSE   FALSE
## 4112          2       New_Visitor   FALSE   FALSE
```

```
## 4113           4 Returning_Visitor   FALSE    TRUE
## 4114           3 Returning_Visitor   FALSE   FALSE
## 4115           3 Returning_Visitor   FALSE   FALSE
## 4116           4 Returning_Visitor   FALSE   FALSE
## 4117           2 Returning_Visitor    TRUE   FALSE
## 4118           5 Returning_Visitor   FALSE   FALSE
## 4119          11 Returning_Visitor   FALSE   FALSE
## 4120           4 Returning_Visitor   FALSE   FALSE
## 4121           6 Returning_Visitor   FALSE   FALSE
## 4122           3 Returning_Visitor   FALSE   FALSE
## 4123           4 Returning_Visitor   FALSE    TRUE
## 4124           3 Returning_Visitor   FALSE   FALSE
## 4125           1 Returning_Visitor   FALSE    TRUE
## 4126           3 Returning_Visitor   FALSE   FALSE
## 4127           3 Returning_Visitor   FALSE   FALSE
## 4128           2 Returning_Visitor   FALSE    TRUE
## 4129           1 Returning_Visitor   FALSE   FALSE
## 4130           2 Returning_Visitor   FALSE   FALSE
## 4131           3 Returning_Visitor   FALSE    TRUE
## 4132           2 Returning_Visitor   FALSE   FALSE
## 4133           2 Returning_Visitor   FALSE   FALSE
## 4134           2 Returning_Visitor    TRUE   FALSE
## 4135           5       New_Visitor   FALSE    TRUE
## 4136           4 Returning_Visitor   FALSE   FALSE
## 4137           3 Returning_Visitor   FALSE   FALSE
## 4138          13 Returning_Visitor   FALSE   FALSE
## 4139           3 Returning_Visitor   FALSE   FALSE
## 4140           3 Returning_Visitor   FALSE   FALSE
## 4141          13 Returning_Visitor   FALSE   FALSE
## 4142           2 Returning_Visitor    TRUE   FALSE
## 4143           1 Returning_Visitor   FALSE   FALSE
## 4144           4 Returning_Visitor   FALSE   FALSE
## 4145           1 Returning_Visitor   FALSE   FALSE
## 4146           2 Returning_Visitor   FALSE   FALSE
## 4147           1 Returning_Visitor    TRUE   FALSE
## 4148           2 Returning_Visitor   FALSE    TRUE
## 4149           4 Returning_Visitor    TRUE   FALSE
## 4150           6 Returning_Visitor    TRUE   FALSE
## 4151           2 Returning_Visitor   FALSE   FALSE
## 4152           3 Returning_Visitor   FALSE   FALSE
## 4153          13 Returning_Visitor   FALSE   FALSE
## 4154           4 Returning_Visitor   FALSE   FALSE
## 4155           2       New_Visitor   FALSE   FALSE
## 4156           2 Returning_Visitor   FALSE   FALSE
## 4157           1 Returning_Visitor    TRUE   FALSE
## 4158           4 Returning_Visitor   FALSE   FALSE
## 4159          20 Returning_Visitor   FALSE   FALSE
## 4160           4 Returning_Visitor   FALSE   FALSE
## 4161           4 Returning_Visitor    TRUE    TRUE
## 4162          13 Returning_Visitor   FALSE   FALSE
## 4163          11 Returning_Visitor    TRUE   FALSE
## 4165           2 Returning_Visitor   FALSE   FALSE
## 4166          13 Returning_Visitor   FALSE   FALSE
## 4167           4 Returning_Visitor   FALSE   FALSE
```

```
## 4168          11 Returning_Visitor   FALSE   FALSE
## 4169           3 Returning_Visitor   FALSE   FALSE
## 4170           2       New_Visitor    TRUE   FALSE
## 4171          13 Returning_Visitor   FALSE   FALSE
## 4172           6 Returning_Visitor   FALSE   FALSE
## 4173           3 Returning_Visitor   FALSE   FALSE
## 4174           4 Returning_Visitor   FALSE   FALSE
## 4175           4 Returning_Visitor   FALSE   FALSE
## 4176           4 Returning_Visitor    TRUE   FALSE
## 4177          13 Returning_Visitor   FALSE   FALSE
## 4178           3 Returning_Visitor   FALSE   FALSE
## 4179           1 Returning_Visitor    TRUE   FALSE
## 4180           2       New_Visitor   FALSE   FALSE
## 4181           4 Returning_Visitor    TRUE   FALSE
## 4182           4 Returning_Visitor   FALSE   FALSE
## 4184           6 Returning_Visitor    TRUE    TRUE
## 4185           4 Returning_Visitor    TRUE    TRUE
## 4186           4       New_Visitor    TRUE    TRUE
## 4187          19 Returning_Visitor    TRUE   FALSE
## 4188           3 Returning_Visitor   FALSE   FALSE
## 4189          13 Returning_Visitor   FALSE   FALSE
## 4190           4 Returning_Visitor   FALSE   FALSE
## 4191           4 Returning_Visitor   FALSE   FALSE
## 4192           4 Returning_Visitor    TRUE   FALSE
## 4193           3 Returning_Visitor   FALSE   FALSE
## 4194           1 Returning_Visitor   FALSE   FALSE
## 4195           2 Returning_Visitor   FALSE   FALSE
## 4196           3 Returning_Visitor   FALSE   FALSE
## 4197           3 Returning_Visitor   FALSE   FALSE
## 4198           3       New_Visitor   FALSE   FALSE
## 4199           2       New_Visitor   FALSE   FALSE
## 4200           3 Returning_Visitor   FALSE   FALSE
## 4201           3 Returning_Visitor   FALSE   FALSE
## 4202          15 Returning_Visitor   FALSE   FALSE
## 4203           2 Returning_Visitor   FALSE   FALSE
## 4204           4 Returning_Visitor   FALSE   FALSE
## 4205           4 Returning_Visitor    TRUE   FALSE
## 4206           2 Returning_Visitor   FALSE   FALSE
## 4207           1 Returning_Visitor    TRUE   FALSE
## 4208           2 Returning_Visitor   FALSE   FALSE
## 4209           3 Returning_Visitor   FALSE   FALSE
## 4210           3 Returning_Visitor   FALSE   FALSE
## 4211           3       New_Visitor   FALSE   FALSE
## 4212           2 Returning_Visitor   FALSE   FALSE
## 4213           4 Returning_Visitor   FALSE   FALSE
## 4214           2 Returning_Visitor   FALSE   FALSE
## 4215           4 Returning_Visitor   FALSE   FALSE
## 4216           2 Returning_Visitor   FALSE   FALSE
## 4217           1 Returning_Visitor   FALSE   FALSE
## 4218           3 Returning_Visitor   FALSE   FALSE
## 4219           3       New_Visitor   FALSE   FALSE
## 4220           1 Returning_Visitor    TRUE   FALSE
## 4221           2 Returning_Visitor   FALSE   FALSE
## 4222           3 Returning_Visitor   FALSE   FALSE
```

```
## 4223           2       New_Visitor    TRUE    TRUE
## 4224           3 Returning_Visitor   FALSE   FALSE
## 4225           3 Returning_Visitor   FALSE   FALSE
## 4226          13 Returning_Visitor    TRUE   FALSE
## 4227           4 Returning_Visitor   FALSE   FALSE
## 4228           1 Returning_Visitor   FALSE   FALSE
## 4229           1 Returning_Visitor    TRUE   FALSE
## 4230           1 Returning_Visitor   FALSE    TRUE
## 4231           3 Returning_Visitor   FALSE   FALSE
## 4233           4 Returning_Visitor   FALSE    TRUE
## 4234          13 Returning_Visitor   FALSE   FALSE
## 4235           2 Returning_Visitor   FALSE   FALSE
## 4236           2 Returning_Visitor   FALSE   FALSE
## 4237           2 Returning_Visitor   FALSE   FALSE
## 4238           4 Returning_Visitor    TRUE   FALSE
## 4239           3 Returning_Visitor   FALSE   FALSE
## 4240           2 Returning_Visitor   FALSE   FALSE
## 4241           3 Returning_Visitor   FALSE   FALSE
## 4242           3 Returning_Visitor   FALSE   FALSE
## 4243           4 Returning_Visitor   FALSE   FALSE
## 4244           4 Returning_Visitor   FALSE   FALSE
## 4245           2 Returning_Visitor   FALSE   FALSE
## 4246           1 Returning_Visitor    TRUE   FALSE
## 4247           3       New_Visitor   FALSE   FALSE
## 4248           4 Returning_Visitor   FALSE    TRUE
## 4249           2 Returning_Visitor   FALSE   FALSE
## 4250           2       New_Visitor   FALSE    TRUE
## 4251          13 Returning_Visitor   FALSE   FALSE
## 4252           2       New_Visitor   FALSE   FALSE
## 4253          13 Returning_Visitor   FALSE   FALSE
## 4254          19 Returning_Visitor    TRUE   FALSE
## 4255          13 Returning_Visitor   FALSE   FALSE
## 4256          13 Returning_Visitor   FALSE   FALSE
## 4257           6 Returning_Visitor   FALSE   FALSE
## 4258          13 Returning_Visitor   FALSE   FALSE
## 4259           5       New_Visitor    TRUE   FALSE
## 4260           3 Returning_Visitor   FALSE    TRUE
## 4261           6 Returning_Visitor   FALSE   FALSE
## 4262           4 Returning_Visitor    TRUE   FALSE
## 4263           4 Returning_Visitor   FALSE   FALSE
## 4264           2 Returning_Visitor   FALSE   FALSE
## 4265           3 Returning_Visitor   FALSE   FALSE
## 4266           2 Returning_Visitor   FALSE   FALSE
## 4267           4       New_Visitor    TRUE   FALSE
## 4268           4 Returning_Visitor    TRUE   FALSE
## 4269           3 Returning_Visitor   FALSE   FALSE
## 4270           4 Returning_Visitor   FALSE   FALSE
## 4271           4 Returning_Visitor   FALSE   FALSE
## 4272           4 Returning_Visitor   FALSE    TRUE
## 4273           6 Returning_Visitor    TRUE   FALSE
## 4274          13 Returning_Visitor   FALSE   FALSE
## 4275          13 Returning_Visitor   FALSE   FALSE
## 4276           1 Returning_Visitor   FALSE   FALSE
## 4277          15 Returning_Visitor   FALSE   FALSE
```

```
## 4278            2       New_Visitor    TRUE    TRUE
## 4279            2 Returning_Visitor   FALSE   FALSE
## 4280            2 Returning_Visitor   FALSE   FALSE
## 4281            5 Returning_Visitor    TRUE   FALSE
## 4282           13 Returning_Visitor   FALSE   FALSE
## 4283            5       New_Visitor    TRUE    TRUE
## 4284            2       New_Visitor   FALSE   FALSE
## 4285            3 Returning_Visitor   FALSE   FALSE
## 4286            4 Returning_Visitor   FALSE   FALSE
## 4287            4 Returning_Visitor    TRUE   FALSE
## 4288            3 Returning_Visitor   FALSE   FALSE
## 4289           18 Returning_Visitor    TRUE   FALSE
## 4290            1 Returning_Visitor    TRUE   FALSE
## 4291            1 Returning_Visitor   FALSE   FALSE
## 4292           13 Returning_Visitor   FALSE   FALSE
## 4293            4 Returning_Visitor    TRUE   FALSE
## 4294            4       New_Visitor   FALSE    TRUE
## 4295           13 Returning_Visitor   FALSE   FALSE
## 4296            3 Returning_Visitor   FALSE   FALSE
## 4297            3 Returning_Visitor   FALSE   FALSE
## 4298            2 Returning_Visitor   FALSE   FALSE
## 4299            4 Returning_Visitor   FALSE   FALSE
## 4300            2 Returning_Visitor   FALSE   FALSE
## 4301            3       New_Visitor   FALSE   FALSE
## 4302            2 Returning_Visitor   FALSE   FALSE
## 4303            6 Returning_Visitor   FALSE   FALSE
## 4304            5       New_Visitor    TRUE    TRUE
## 4305            4 Returning_Visitor    TRUE   FALSE
## 4306           13 Returning_Visitor   FALSE   FALSE
## 4307            2 Returning_Visitor    TRUE   FALSE
## 4308            3 Returning_Visitor   FALSE    TRUE
## 4309            6 Returning_Visitor   FALSE    TRUE
## 4310            4 Returning_Visitor    TRUE   FALSE
## 4311            1 Returning_Visitor    TRUE   FALSE
## 4312            1 Returning_Visitor   FALSE   FALSE
## 4313            2 Returning_Visitor   FALSE   FALSE
## 4314            1 Returning_Visitor   FALSE    TRUE
## 4315            3 Returning_Visitor   FALSE   FALSE
## 4316            2 Returning_Visitor    TRUE   FALSE
## 4317            1 Returning_Visitor   FALSE    TRUE
## 4318            6 Returning_Visitor   FALSE   FALSE
## 4319            3 Returning_Visitor   FALSE    TRUE
## 4320           11 Returning_Visitor   FALSE   FALSE
## 4321            1 Returning_Visitor   FALSE   FALSE
## 4322            2 Returning_Visitor   FALSE   FALSE
## 4323            4       New_Visitor    TRUE   FALSE
## 4324            4 Returning_Visitor   FALSE   FALSE
## 4325            2 Returning_Visitor   FALSE   FALSE
## 4326            4 Returning_Visitor    TRUE   FALSE
## 4327           13 Returning_Visitor   FALSE    TRUE
## 4328            3 Returning_Visitor   FALSE   FALSE
## 4329           13 Returning_Visitor    TRUE   FALSE
## 4330           13 Returning_Visitor   FALSE   FALSE
## 4331            3 Returning_Visitor   FALSE   FALSE
```

```
## 4332          13 Returning_Visitor   FALSE   FALSE
## 4333           2       New_Visitor    TRUE   FALSE
## 4334           2 Returning_Visitor   FALSE   FALSE
## 4335          13 Returning_Visitor   FALSE   FALSE
## 4336           3 Returning_Visitor   FALSE   FALSE
## 4337           1 Returning_Visitor   FALSE   FALSE
## 4338           1 Returning_Visitor   FALSE   FALSE
## 4339          19 Returning_Visitor   FALSE   FALSE
## 4340           2       New_Visitor   FALSE    TRUE
## 4341           4 Returning_Visitor   FALSE   FALSE
## 4342           4 Returning_Visitor   FALSE    TRUE
## 4343           4 Returning_Visitor   FALSE   FALSE
## 4345           4 Returning_Visitor    TRUE   FALSE
## 4346           2 Returning_Visitor   FALSE   FALSE
## 4347           2 Returning_Visitor   FALSE   FALSE
## 4348           4 Returning_Visitor   FALSE   FALSE
## 4349           2 Returning_Visitor   FALSE   FALSE
## 4350          13 Returning_Visitor   FALSE   FALSE
## 4351           1 Returning_Visitor    TRUE   FALSE
## 4352           2 Returning_Visitor    TRUE   FALSE
## 4353           2 Returning_Visitor    TRUE   FALSE
## 4354           2 Returning_Visitor   FALSE   FALSE
## 4355           3 Returning_Visitor   FALSE   FALSE
## 4356           4 Returning_Visitor   FALSE   FALSE
## 4357           1 Returning_Visitor   FALSE   FALSE
## 4358           2 Returning_Visitor    TRUE   FALSE
## 4359           3 Returning_Visitor   FALSE    TRUE
## 4360           2 Returning_Visitor   FALSE   FALSE
## 4361           2       New_Visitor   FALSE    TRUE
## 4362           4 Returning_Visitor   FALSE   FALSE
## 4363           2       New_Visitor   FALSE   FALSE
## 4364           3 Returning_Visitor   FALSE   FALSE
## 4365          13 Returning_Visitor   FALSE   FALSE
## 4366           1 Returning_Visitor   FALSE   FALSE
## 4367           4 Returning_Visitor    TRUE   FALSE
## 4368           3 Returning_Visitor   FALSE   FALSE
## 4369           2       New_Visitor   FALSE   FALSE
## 4370           4 Returning_Visitor   FALSE   FALSE
## 4371           4 Returning_Visitor   FALSE    TRUE
## 4372           6 Returning_Visitor   FALSE   FALSE
## 4373           2 Returning_Visitor   FALSE    TRUE
## 4374           6 Returning_Visitor   FALSE   FALSE
## 4376           1 Returning_Visitor   FALSE   FALSE
## 4377           3 Returning_Visitor   FALSE   FALSE
## 4378          11 Returning_Visitor   FALSE   FALSE
## 4379           2 Returning_Visitor   FALSE   FALSE
## 4380           5       New_Visitor   FALSE   FALSE
## 4381           4 Returning_Visitor    TRUE   FALSE
## 4382           6 Returning_Visitor   FALSE   FALSE
## 4383           3 Returning_Visitor    TRUE   FALSE
## 4384           4 Returning_Visitor   FALSE   FALSE
## 4385           2 Returning_Visitor   FALSE   FALSE
## 4386           4 Returning_Visitor   FALSE   FALSE
## 4387           2 Returning_Visitor   FALSE   FALSE
```

```
## 4388          19 Returning_Visitor   FALSE   FALSE
## 4389           4 Returning_Visitor   FALSE   FALSE
## 4390           5 Returning_Visitor   FALSE   FALSE
## 4391           3 Returning_Visitor   FALSE   FALSE
## 4392           4 Returning_Visitor   FALSE   FALSE
## 4393           4 Returning_Visitor   FALSE   FALSE
## 4394          11       New_Visitor   FALSE   FALSE
## 4395          18 Returning_Visitor   FALSE   FALSE
## 4396           4 Returning_Visitor   FALSE   FALSE
## 4397           1 Returning_Visitor   FALSE    TRUE
## 4398           4 Returning_Visitor    TRUE   FALSE
## 4399           2 Returning_Visitor   FALSE   FALSE
## 4400           3 Returning_Visitor   FALSE   FALSE
## 4401           4 Returning_Visitor   FALSE   FALSE
## 4402           2 Returning_Visitor   FALSE   FALSE
## 4403           1 Returning_Visitor   FALSE   FALSE
## 4405           4       New_Visitor    TRUE   FALSE
## 4406           2 Returning_Visitor    TRUE   FALSE
## 4407           4 Returning_Visitor   FALSE   FALSE
## 4408          13 Returning_Visitor   FALSE    TRUE
## 4409           6       New_Visitor   FALSE   FALSE
## 4410          13 Returning_Visitor   FALSE   FALSE
## 4411          13 Returning_Visitor    TRUE   FALSE
## 4412           4 Returning_Visitor   FALSE   FALSE
## 4413           2 Returning_Visitor   FALSE   FALSE
## 4414           2       New_Visitor   FALSE   FALSE
## 4415           2 Returning_Visitor   FALSE   FALSE
## 4416           3 Returning_Visitor   FALSE   FALSE
## 4417           1 Returning_Visitor    TRUE   FALSE
## 4418           5       New_Visitor   FALSE   FALSE
## 4419           2 Returning_Visitor   FALSE   FALSE
## 4420          13 Returning_Visitor   FALSE   FALSE
## 4421           3 Returning_Visitor   FALSE   FALSE
## 4422           3 Returning_Visitor   FALSE   FALSE
## 4423          11 Returning_Visitor   FALSE   FALSE
## 4424           3 Returning_Visitor   FALSE   FALSE
## 4425           4 Returning_Visitor   FALSE   FALSE
## 4426           4 Returning_Visitor    TRUE   FALSE
## 4428           1 Returning_Visitor   FALSE   FALSE
## 4429           4 Returning_Visitor   FALSE   FALSE
## 4430          13 Returning_Visitor   FALSE   FALSE
## 4431           3       New_Visitor   FALSE   FALSE
## 4432           2 Returning_Visitor   FALSE    TRUE
## 4433          13 Returning_Visitor   FALSE   FALSE
## 4434           5       New_Visitor   FALSE   FALSE
## 4435           2 Returning_Visitor   FALSE   FALSE
## 4436          20 Returning_Visitor   FALSE    TRUE
## 4437           1 Returning_Visitor   FALSE    TRUE
## 4438           4 Returning_Visitor   FALSE   FALSE
## 4439           6       New_Visitor   FALSE   FALSE
## 4440           6 Returning_Visitor   FALSE   FALSE
## 4441          15 Returning_Visitor    TRUE   FALSE
## 4442          11 Returning_Visitor   FALSE   FALSE
## 4443           4       New_Visitor    TRUE    TRUE
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```
## 4444           4 Returning_Visitor   FALSE   FALSE
## 4445           6 Returning_Visitor   FALSE    TRUE
## 4446           1 Returning_Visitor   FALSE   FALSE
## 4447           3 Returning_Visitor    TRUE   FALSE
## 4448           2 Returning_Visitor   FALSE    TRUE
## 4449           1 Returning_Visitor   FALSE   FALSE
## 4450           3 Returning_Visitor   FALSE    TRUE
## 4451           5 Returning_Visitor    TRUE   FALSE
## 4452           3 Returning_Visitor   FALSE   FALSE
## 4453           6 Returning_Visitor   FALSE   FALSE
## 4454           4       New_Visitor   FALSE   FALSE
## 4455           3 Returning_Visitor   FALSE   FALSE
## 4456           4 Returning_Visitor    TRUE   FALSE
## 4457           3 Returning_Visitor    TRUE   FALSE
## 4458           6 Returning_Visitor   FALSE   FALSE
## 4459           2 Returning_Visitor   FALSE    TRUE
## 4460          13 Returning_Visitor   FALSE   FALSE
## 4461          13 Returning_Visitor   FALSE   FALSE
## 4462           6 Returning_Visitor    TRUE   FALSE
## 4463           6 Returning_Visitor   FALSE   FALSE
## 4465           4 Returning_Visitor   FALSE   FALSE
## 4466           4 Returning_Visitor    TRUE    TRUE
## 4467           3 Returning_Visitor   FALSE   FALSE
## 4468           3 Returning_Visitor    TRUE   FALSE
## 4469           2 Returning_Visitor    TRUE   FALSE
## 4470           2 Returning_Visitor   FALSE   FALSE
## 4471           1 Returning_Visitor    TRUE   FALSE
## 4472           3 Returning_Visitor   FALSE   FALSE
## 4473           1 Returning_Visitor    TRUE   FALSE
## 4474           4 Returning_Visitor    TRUE   FALSE
## 4475           2 Returning_Visitor   FALSE   FALSE
## 4476           4 Returning_Visitor   FALSE    TRUE
## 4477           3 Returning_Visitor   FALSE   FALSE
## 4478           3 Returning_Visitor   FALSE   FALSE
## 4479           4 Returning_Visitor    TRUE   FALSE
## 4480          13 Returning_Visitor   FALSE   FALSE
## 4481          19 Returning_Visitor   FALSE   FALSE
## 4482           4 Returning_Visitor   FALSE   FALSE
## 4483           3 Returning_Visitor   FALSE   FALSE
## 4484          19 Returning_Visitor   FALSE   FALSE
## 4485           2       New_Visitor   FALSE   FALSE
## 4486           6 Returning_Visitor   FALSE    TRUE
## 4487           3 Returning_Visitor   FALSE   FALSE
## 4488           2 Returning_Visitor   FALSE   FALSE
## 4489           1 Returning_Visitor   FALSE    TRUE
## 4491           4 Returning_Visitor   FALSE   FALSE
## 4492           4 Returning_Visitor   FALSE   FALSE
## 4493           1 Returning_Visitor   FALSE   FALSE
## 4494           4 Returning_Visitor   FALSE    TRUE
## 4495           3 Returning_Visitor   FALSE   FALSE
## 4496           3 Returning_Visitor    TRUE   FALSE
## 4497           2 Returning_Visitor   FALSE   FALSE
## 4498           1 Returning_Visitor   FALSE   FALSE
## 4499           3 Returning_Visitor   FALSE   FALSE
```

```
## 4500           1 Returning_Visitor   FALSE   FALSE
## 4501           4 Returning_Visitor    TRUE   FALSE
## 4502           1 Returning_Visitor    TRUE   FALSE
## 4503           7 Returning_Visitor    TRUE   FALSE
## 4504          11 Returning_Visitor   FALSE   FALSE
## 4505           1 Returning_Visitor   FALSE    TRUE
## 4506           2 Returning_Visitor   FALSE   FALSE
## 4507           3 Returning_Visitor   FALSE   FALSE
## 4508           6 Returning_Visitor   FALSE   FALSE
## 4509           3       New_Visitor    TRUE   FALSE
## 4510           1 Returning_Visitor   FALSE   FALSE
## 4511           2 Returning_Visitor   FALSE    TRUE
## 4512           3 Returning_Visitor   FALSE   FALSE
## 4513           2 Returning_Visitor   FALSE   FALSE
## 4514           6 Returning_Visitor   FALSE   FALSE
## 4515           4 Returning_Visitor   FALSE   FALSE
## 4516          13 Returning_Visitor   FALSE    TRUE
## 4517          13 Returning_Visitor   FALSE   FALSE
## 4518           1 Returning_Visitor   FALSE   FALSE
## 4519          13 Returning_Visitor   FALSE   FALSE
## 4520           4 Returning_Visitor   FALSE    TRUE
## 4521           2 Returning_Visitor   FALSE   FALSE
## 4522           2 Returning_Visitor   FALSE   FALSE
## 4523           3 Returning_Visitor   FALSE   FALSE
## 4524           2       New_Visitor   FALSE    TRUE
## 4525          11 Returning_Visitor   FALSE   FALSE
## 4526           6 Returning_Visitor   FALSE   FALSE
## 4527           3 Returning_Visitor   FALSE   FALSE
## 4528           4 Returning_Visitor    TRUE   FALSE
## 4529           2 Returning_Visitor   FALSE   FALSE
## 4530           3       New_Visitor   FALSE    TRUE
## 4531           6 Returning_Visitor   FALSE   FALSE
## 4532           2       New_Visitor    TRUE   FALSE
## 4533           4 Returning_Visitor   FALSE   FALSE
## 4534          13 Returning_Visitor   FALSE   FALSE
## 4535           4 Returning_Visitor   FALSE   FALSE
## 4536           3 Returning_Visitor   FALSE   FALSE
## 4537           2 Returning_Visitor   FALSE   FALSE
## 4538           4 Returning_Visitor   FALSE   FALSE
## 4539           6 Returning_Visitor   FALSE   FALSE
## 4540           3       New_Visitor   FALSE   FALSE
## 4541           4 Returning_Visitor    TRUE   FALSE
## 4542           3 Returning_Visitor   FALSE   FALSE
## 4543          15       New_Visitor    TRUE   FALSE
## 4544           2       New_Visitor   FALSE   FALSE
## 4545           1 Returning_Visitor   FALSE   FALSE
## 4546           3 Returning_Visitor   FALSE   FALSE
## 4547           6 Returning_Visitor   FALSE    TRUE
## 4548           5 Returning_Visitor   FALSE   FALSE
## 4549           4 Returning_Visitor   FALSE    TRUE
## 4550           1 Returning_Visitor   FALSE   FALSE
## 4551           4 Returning_Visitor   FALSE   FALSE
## 4552           3 Returning_Visitor   FALSE   FALSE
## 4554           6 Returning_Visitor   FALSE   FALSE
```

```
## 4555          18 Returning_Visitor   FALSE   FALSE
## 4556           1 Returning_Visitor   FALSE   FALSE
## 4557           2 Returning_Visitor    TRUE   FALSE
## 4558           2 Returning_Visitor    TRUE   FALSE
## 4559           2 Returning_Visitor   FALSE    TRUE
## 4560          20 Returning_Visitor   FALSE   FALSE
## 4561           1 Returning_Visitor    TRUE    TRUE
## 4562           3 Returning_Visitor   FALSE   FALSE
## 4563           6 Returning_Visitor   FALSE   FALSE
## 4564           4 Returning_Visitor    TRUE   FALSE
## 4565           4 Returning_Visitor    TRUE    TRUE
## 4566           4 Returning_Visitor    TRUE   FALSE
## 4567           4 Returning_Visitor   FALSE   FALSE
## 4568           5 Returning_Visitor   FALSE   FALSE
## 4569           1 Returning_Visitor    TRUE   FALSE
## 4570           3 Returning_Visitor   FALSE   FALSE
## 4571           4 Returning_Visitor    TRUE   FALSE
## 4572           2 Returning_Visitor   FALSE   FALSE
## 4573           3 Returning_Visitor   FALSE   FALSE
## 4574           3 Returning_Visitor   FALSE   FALSE
## 4575           2 Returning_Visitor   FALSE   FALSE
## 4576          13 Returning_Visitor   FALSE   FALSE
## 4577           6 Returning_Visitor   FALSE   FALSE
## 4578           4 Returning_Visitor   FALSE   FALSE
## 4579           3 Returning_Visitor   FALSE   FALSE
## 4580           4 Returning_Visitor   FALSE   FALSE
## 4581           4 Returning_Visitor   FALSE   FALSE
## 4582           3 Returning_Visitor   FALSE   FALSE
## 4583           4 Returning_Visitor   FALSE   FALSE
## 4584           4 Returning_Visitor   FALSE   FALSE
## 4585           4 Returning_Visitor   FALSE   FALSE
## 4586           2       New_Visitor   FALSE   FALSE
## 4587          13 Returning_Visitor   FALSE   FALSE
## 4588           2 Returning_Visitor   FALSE   FALSE
## 4589           3 Returning_Visitor    TRUE   FALSE
## 4590          13 Returning_Visitor   FALSE   FALSE
## 4591           1 Returning_Visitor   FALSE   FALSE
## 4592           1 Returning_Visitor   FALSE    TRUE
## 4593           4       New_Visitor   FALSE   FALSE
## 4594           2       New_Visitor   FALSE   FALSE
## 4595           3 Returning_Visitor    TRUE   FALSE
## 4596           4       New_Visitor   FALSE   FALSE
## 4597           3 Returning_Visitor   FALSE   FALSE
## 4598           4 Returning_Visitor   FALSE   FALSE
## 4599           5 Returning_Visitor   FALSE    TRUE
## 4600           5       New_Visitor   FALSE   FALSE
## 4601           2 Returning_Visitor   FALSE   FALSE
## 4602           1 Returning_Visitor    TRUE   FALSE
## 4603           4       New_Visitor   FALSE   FALSE
## 4604          11       New_Visitor    TRUE   FALSE
## 4605           4 Returning_Visitor   FALSE   FALSE
## 4606           6 Returning_Visitor   FALSE   FALSE
## 4607           4 Returning_Visitor   FALSE   FALSE
## 4608           4 Returning_Visitor   FALSE   FALSE
```

```
## 4609           4 Returning_Visitor   FALSE   FALSE
## 4610          13 Returning_Visitor   FALSE   FALSE
## 4611           4 Returning_Visitor   FALSE   FALSE
## 4612           4 Returning_Visitor    TRUE   FALSE
## 4613           3 Returning_Visitor   FALSE   FALSE
## 4614          13 Returning_Visitor   FALSE   FALSE
## 4615           2 Returning_Visitor   FALSE   FALSE
## 4616           3 Returning_Visitor    TRUE   FALSE
## 4617           3 Returning_Visitor   FALSE   FALSE
## 4618           5 Returning_Visitor   FALSE   FALSE
## 4619           3 Returning_Visitor   FALSE   FALSE
## 4620          13 Returning_Visitor   FALSE   FALSE
## 4621          13 Returning_Visitor   FALSE   FALSE
## 4622           2 Returning_Visitor   FALSE   FALSE
## 4623           2 Returning_Visitor    TRUE   FALSE
## 4624           3 Returning_Visitor    TRUE    TRUE
## 4625           2 Returning_Visitor   FALSE   FALSE
## 4626          13 Returning_Visitor   FALSE   FALSE
## 4627           4 Returning_Visitor   FALSE   FALSE
## 4628           4 Returning_Visitor   FALSE   FALSE
## 4629           4 Returning_Visitor   FALSE   FALSE
## 4630           1 Returning_Visitor    TRUE   FALSE
## 4631           5       New_Visitor   FALSE   FALSE
## 4632           3 Returning_Visitor   FALSE   FALSE
## 4633           2 Returning_Visitor   FALSE    TRUE
## 4634           4 Returning_Visitor    TRUE   FALSE
## 4635           2 Returning_Visitor   FALSE   FALSE
## 4636           4 Returning_Visitor    TRUE   FALSE
## 4637           3 Returning_Visitor   FALSE   FALSE
## 4638           3 Returning_Visitor   FALSE   FALSE
## 4639           6 Returning_Visitor   FALSE   FALSE
## 4640           1 Returning_Visitor    TRUE   FALSE
## 4641           4 Returning_Visitor    TRUE   FALSE
## 4642           4 Returning_Visitor   FALSE   FALSE
## 4643           4 Returning_Visitor   FALSE   FALSE
## 4644          14       New_Visitor    TRUE   FALSE
## 4645           1 Returning_Visitor   FALSE   FALSE
## 4646           3       New_Visitor   FALSE   FALSE
## 4647           4 Returning_Visitor    TRUE   FALSE
## 4648           3 Returning_Visitor    TRUE   FALSE
## 4649           6 Returning_Visitor   FALSE   FALSE
## 4650           4 Returning_Visitor   FALSE   FALSE
## 4651           4 Returning_Visitor    TRUE   FALSE
## 4652           2 Returning_Visitor   FALSE   FALSE
## 4653           3 Returning_Visitor    TRUE   FALSE
## 4654          13 Returning_Visitor   FALSE   FALSE
## 4655          13 Returning_Visitor   FALSE   FALSE
## 4656           2 Returning_Visitor   FALSE   FALSE
## 4657           4 Returning_Visitor    TRUE    TRUE
## 4658           2       New_Visitor    TRUE    TRUE
## 4659           6 Returning_Visitor   FALSE   FALSE
## 4660           2       New_Visitor    TRUE    TRUE
## 4661           4 Returning_Visitor   FALSE   FALSE
## 4662           3 Returning_Visitor   FALSE   FALSE
```

```
## 4663           1 Returning_Visitor   FALSE   FALSE
## 4664           5       New_Visitor    TRUE   FALSE
## 4665           4 Returning_Visitor   FALSE   FALSE
## 4666           2 Returning_Visitor   FALSE   FALSE
## 4667           6 Returning_Visitor    TRUE   FALSE
## 4668           4 Returning_Visitor   FALSE   FALSE
## 4669           2 Returning_Visitor   FALSE   FALSE
## 4670           1 Returning_Visitor   FALSE   FALSE
## 4671           3 Returning_Visitor    TRUE   FALSE
## 4672           4 Returning_Visitor   FALSE   FALSE
## 4673          20 Returning_Visitor   FALSE   FALSE
## 4674           3 Returning_Visitor   FALSE   FALSE
## 4675          20 Returning_Visitor    TRUE   FALSE
## 4676           4 Returning_Visitor   FALSE   FALSE
## 4677           1 Returning_Visitor   FALSE   FALSE
## 4678           4 Returning_Visitor   FALSE   FALSE
## 4679           4 Returning_Visitor    TRUE   FALSE
## 4680           6 Returning_Visitor   FALSE    TRUE
## 4681           6 Returning_Visitor   FALSE   FALSE
## 4682           4 Returning_Visitor   FALSE   FALSE
## 4683          13 Returning_Visitor   FALSE   FALSE
## 4684           5       New_Visitor    TRUE   FALSE
## 4685           3 Returning_Visitor   FALSE   FALSE
## 4686           3 Returning_Visitor   FALSE   FALSE
## 4687           4 Returning_Visitor   FALSE   FALSE
## 4688           4 Returning_Visitor   FALSE   FALSE
## 4689           1 Returning_Visitor   FALSE   FALSE
## 4690           6 Returning_Visitor   FALSE   FALSE
## 4691           3 Returning_Visitor   FALSE   FALSE
## 4692           1 Returning_Visitor   FALSE   FALSE
## 4693           3 Returning_Visitor   FALSE   FALSE
## 4694           3 Returning_Visitor   FALSE   FALSE
## 4695           4 Returning_Visitor    TRUE   FALSE
## 4696           6 Returning_Visitor   FALSE   FALSE
## 4697           3 Returning_Visitor   FALSE   FALSE
## 4698           4 Returning_Visitor   FALSE   FALSE
## 4699           2 Returning_Visitor   FALSE   FALSE
## 4700          13 Returning_Visitor   FALSE   FALSE
## 4701          13 Returning_Visitor    TRUE    TRUE
## 4702           2 Returning_Visitor   FALSE   FALSE
## 4703           3 Returning_Visitor   FALSE    TRUE
## 4704           3 Returning_Visitor   FALSE   FALSE
## 4705           2 Returning_Visitor   FALSE   FALSE
## 4706           1 Returning_Visitor   FALSE   FALSE
## 4707           2 Returning_Visitor    TRUE    TRUE
## 4708           6 Returning_Visitor   FALSE   FALSE
## 4709           3       New_Visitor    TRUE   FALSE
## 4710          13 Returning_Visitor   FALSE   FALSE
## 4711          11       New_Visitor    TRUE   FALSE
## 4712           4 Returning_Visitor   FALSE   FALSE
## 4713           2 Returning_Visitor    TRUE   FALSE
## 4714           2 Returning_Visitor   FALSE   FALSE
## 4715           5 Returning_Visitor   FALSE   FALSE
## 4716           1 Returning_Visitor   FALSE   FALSE
```

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## 4717           4       New_Visitor    TRUE   FALSE
## 4718           5 Returning_Visitor   FALSE   FALSE
## 4719          13 Returning_Visitor   FALSE   FALSE
## 4720           4 Returning_Visitor   FALSE   FALSE
## 4721           2 Returning_Visitor   FALSE   FALSE
## 4722           6 Returning_Visitor   FALSE   FALSE
## 4723           5 Returning_Visitor   FALSE   FALSE
## 4724           3 Returning_Visitor   FALSE   FALSE
## 4725           3 Returning_Visitor   FALSE   FALSE
## 4726           3 Returning_Visitor   FALSE   FALSE
## 4727           3 Returning_Visitor   FALSE   FALSE
## 4728           1 Returning_Visitor   FALSE   FALSE
## 4729           4 Returning_Visitor   FALSE   FALSE
## 4730           1 Returning_Visitor   FALSE   FALSE
## 4731           3 Returning_Visitor   FALSE   FALSE
## 4732           4 Returning_Visitor   FALSE   FALSE
## 4733           2       New_Visitor   FALSE   FALSE
## 4734           6 Returning_Visitor   FALSE   FALSE
## 4735           2 Returning_Visitor   FALSE   FALSE
## 4736           3 Returning_Visitor   FALSE   FALSE
## 4737           3 Returning_Visitor   FALSE   FALSE
## 4738           3 Returning_Visitor   FALSE   FALSE
## 4739           2 Returning_Visitor    TRUE   FALSE
## 4740           4 Returning_Visitor   FALSE   FALSE
## 4741           3       New_Visitor   FALSE   FALSE
## 4742           3 Returning_Visitor   FALSE   FALSE
## 4743           2 Returning_Visitor    TRUE   FALSE
## 4744          13 Returning_Visitor   FALSE   FALSE
## 4745           6 Returning_Visitor   FALSE   FALSE
## 4746           4 Returning_Visitor   FALSE   FALSE
## 4747           2 Returning_Visitor   FALSE   FALSE
## 4748           6 Returning_Visitor   FALSE   FALSE
## 4749           4 Returning_Visitor   FALSE   FALSE
## 4750           2 Returning_Visitor   FALSE   FALSE
## 4751           4 Returning_Visitor    TRUE    TRUE
## 4752          11 Returning_Visitor   FALSE   FALSE
## 4753           6 Returning_Visitor   FALSE   FALSE
## 4754           3 Returning_Visitor   FALSE   FALSE
## 4755           4 Returning_Visitor    TRUE   FALSE
## 4756           2 Returning_Visitor   FALSE   FALSE
## 4757           4 Returning_Visitor   FALSE   FALSE
## 4758           3 Returning_Visitor   FALSE   FALSE
## 4759           3 Returning_Visitor   FALSE   FALSE
## 4760           4 Returning_Visitor   FALSE   FALSE
## 4761           2 Returning_Visitor    TRUE   FALSE
## 4762           2 Returning_Visitor   FALSE    TRUE
## 4763           4 Returning_Visitor   FALSE   FALSE
## 4764           4 Returning_Visitor    TRUE   FALSE
## 4765           4 Returning_Visitor   FALSE    TRUE
## 4766           3 Returning_Visitor   FALSE   FALSE
## 4767           4 Returning_Visitor   FALSE   FALSE
## 4768           4 Returning_Visitor    TRUE   FALSE
## 4769           2 Returning_Visitor   FALSE   FALSE
## 4770           4 Returning_Visitor    TRUE   FALSE
```

```
## 4771           2       New_Visitor   FALSE   FALSE
## 4772           2 Returning_Visitor    TRUE   FALSE
## 4773           3 Returning_Visitor   FALSE   FALSE
## 4774           1 Returning_Visitor    TRUE   FALSE
## 4775           2 Returning_Visitor   FALSE   FALSE
## 4776           4       New_Visitor   FALSE   FALSE
## 4777           5       New_Visitor   FALSE    TRUE
## 4778           1 Returning_Visitor   FALSE   FALSE
## 4779           2 Returning_Visitor   FALSE   FALSE
## 4780           1 Returning_Visitor   FALSE   FALSE
## 4781           2 Returning_Visitor   FALSE   FALSE
## 4782           1 Returning_Visitor   FALSE   FALSE
## 4783           3 Returning_Visitor   FALSE   FALSE
## 4784           2 Returning_Visitor   FALSE   FALSE
## 4785           1 Returning_Visitor   FALSE   FALSE
## 4786          11 Returning_Visitor   FALSE   FALSE
## 4787           2 Returning_Visitor   FALSE   FALSE
## 4788           3 Returning_Visitor   FALSE   FALSE
## 4789          13 Returning_Visitor    TRUE   FALSE
## 4790           2       New_Visitor   FALSE   FALSE
## 4791           2       New_Visitor   FALSE    TRUE
## 4792           3 Returning_Visitor    TRUE   FALSE
## 4793           1 Returning_Visitor   FALSE   FALSE
## 4794           6 Returning_Visitor    TRUE    TRUE
## 4795           2 Returning_Visitor   FALSE   FALSE
## 4796           6 Returning_Visitor    TRUE   FALSE
## 4797           1 Returning_Visitor   FALSE   FALSE
## 4798           3 Returning_Visitor   FALSE   FALSE
## 4799           3 Returning_Visitor   FALSE   FALSE
## 4800           6 Returning_Visitor   FALSE   FALSE
## 4801           2 Returning_Visitor   FALSE    TRUE
## 4802           6 Returning_Visitor    TRUE   FALSE
## 4803          13 Returning_Visitor   FALSE   FALSE
## 4804          13 Returning_Visitor   FALSE   FALSE
## 4805          13 Returning_Visitor   FALSE   FALSE
## 4806           2 Returning_Visitor    TRUE   FALSE
## 4807           4 Returning_Visitor   FALSE   FALSE
## 4808           4 Returning_Visitor    TRUE   FALSE
## 4809           4       New_Visitor    TRUE    TRUE
## 4810           2       New_Visitor   FALSE   FALSE
## 4811           3 Returning_Visitor   FALSE   FALSE
## 4812          13 Returning_Visitor   FALSE   FALSE
## 4813           4 Returning_Visitor    TRUE   FALSE
## 4814           3 Returning_Visitor    TRUE   FALSE
## 4815           3 Returning_Visitor    TRUE   FALSE
## 4816           2 Returning_Visitor   FALSE   FALSE
## 4817          11 Returning_Visitor   FALSE   FALSE
## 4819           1 Returning_Visitor   FALSE   FALSE
## 4820           4 Returning_Visitor   FALSE   FALSE
## 4821           2 Returning_Visitor   FALSE   FALSE
## 4822           6 Returning_Visitor   FALSE   FALSE
## 4823           4 Returning_Visitor    TRUE   FALSE
## 4824           2 Returning_Visitor   FALSE   FALSE
## 4825          11 Returning_Visitor    TRUE   FALSE
```

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## 4826          13 Returning_Visitor   FALSE   FALSE
## 4827           5       New_Visitor   FALSE   FALSE
## 4828           2       New_Visitor   FALSE   FALSE
## 4829          13 Returning_Visitor   FALSE   FALSE
## 4830          13 Returning_Visitor   FALSE   FALSE
## 4831           1 Returning_Visitor   FALSE   FALSE
## 4832           3 Returning_Visitor   FALSE   FALSE
## 4833           4 Returning_Visitor   FALSE   FALSE
## 4834           2 Returning_Visitor   FALSE   FALSE
## 4835           2 Returning_Visitor   FALSE   FALSE
## 4836          13 Returning_Visitor   FALSE   FALSE
## 4837           3 Returning_Visitor    TRUE   FALSE
## 4838           5       New_Visitor   FALSE   FALSE
## 4839           3 Returning_Visitor   FALSE   FALSE
## 4840           2 Returning_Visitor   FALSE   FALSE
## 4841           4 Returning_Visitor   FALSE   FALSE
## 4842           3 Returning_Visitor   FALSE    TRUE
## 4843          13 Returning_Visitor   FALSE   FALSE
## 4844           2 Returning_Visitor    TRUE   FALSE
## 4845           4 Returning_Visitor    TRUE   FALSE
## 4846           4 Returning_Visitor   FALSE   FALSE
## 4847           6 Returning_Visitor    TRUE   FALSE
## 4848          13 Returning_Visitor   FALSE   FALSE
## 4849           2 Returning_Visitor   FALSE   FALSE
## 4850           1 Returning_Visitor   FALSE   FALSE
## 4851           2 Returning_Visitor   FALSE   FALSE
## 4852           6 Returning_Visitor   FALSE   FALSE
## 4853           2       New_Visitor   FALSE   FALSE
## 4854           1 Returning_Visitor   FALSE   FALSE
## 4855           2 Returning_Visitor   FALSE   FALSE
## 4856           3 Returning_Visitor   FALSE   FALSE
## 4857           4       New_Visitor   FALSE   FALSE
## 4858           3 Returning_Visitor   FALSE   FALSE
## 4859          19 Returning_Visitor   FALSE   FALSE
## 4860           4 Returning_Visitor   FALSE   FALSE
## 4861           6 Returning_Visitor   FALSE   FALSE
## 4862           3 Returning_Visitor   FALSE   FALSE
## 4863           3 Returning_Visitor   FALSE   FALSE
## 4864          13 Returning_Visitor   FALSE   FALSE
## 4865          13 Returning_Visitor   FALSE   FALSE
## 4866           5       New_Visitor   FALSE    TRUE
## 4867           4 Returning_Visitor    TRUE   FALSE
## 4868           2 Returning_Visitor    TRUE   FALSE
## 4869           4 Returning_Visitor   FALSE   FALSE
## 4870          13 Returning_Visitor   FALSE   FALSE
## 4871           6 Returning_Visitor   FALSE   FALSE
## 4872          15 Returning_Visitor    TRUE   FALSE
## 4873           7 Returning_Visitor   FALSE   FALSE
## 4874           3 Returning_Visitor   FALSE   FALSE
## 4875           5 Returning_Visitor    TRUE    TRUE
## 4876           4 Returning_Visitor    TRUE   FALSE
## 4877           3 Returning_Visitor   FALSE   FALSE
## 4878          13 Returning_Visitor   FALSE   FALSE
## 4879           3 Returning_Visitor   FALSE    TRUE
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## 4880           4 Returning_Visitor   FALSE   FALSE
## 4881           1 Returning_Visitor   FALSE   FALSE
## 4882          13 Returning_Visitor   FALSE   FALSE
## 4883           1 Returning_Visitor   FALSE   FALSE
## 4885           4 Returning_Visitor    TRUE   FALSE
## 4886           1 Returning_Visitor   FALSE   FALSE
## 4887           1 Returning_Visitor    TRUE   FALSE
## 4888           3 Returning_Visitor   FALSE   FALSE
## 4889           6       New_Visitor   FALSE   FALSE
## 4890           4 Returning_Visitor   FALSE    TRUE
## 4891           4 Returning_Visitor   FALSE   FALSE
## 4892           4 Returning_Visitor    TRUE   FALSE
## 4893           2       New_Visitor    TRUE   FALSE
## 4894           2 Returning_Visitor   FALSE   FALSE
## 4895           2 Returning_Visitor   FALSE   FALSE
## 4896           3 Returning_Visitor   FALSE   FALSE
## 4897           2 Returning_Visitor   FALSE   FALSE
## 4898           2 Returning_Visitor   FALSE   FALSE
## 4899           4 Returning_Visitor    TRUE   FALSE
## 4900           5       New_Visitor    TRUE   FALSE
## 4901           2 Returning_Visitor   FALSE   FALSE
## 4902           3 Returning_Visitor    TRUE    TRUE
## 4903           4 Returning_Visitor   FALSE    TRUE
## 4904           4 Returning_Visitor   FALSE   FALSE
## 4905           3 Returning_Visitor    TRUE   FALSE
## 4906          13 Returning_Visitor   FALSE   FALSE
## 4907           3 Returning_Visitor   FALSE   FALSE
## 4908           3 Returning_Visitor   FALSE   FALSE
## 4909           2 Returning_Visitor   FALSE   FALSE
## 4910           4 Returning_Visitor   FALSE   FALSE
## 4911           4 Returning_Visitor   FALSE   FALSE
## 4912           1 Returning_Visitor   FALSE   FALSE
## 4913           2 Returning_Visitor   FALSE   FALSE
## 4915           1 Returning_Visitor    TRUE   FALSE
## 4916           3 Returning_Visitor   FALSE   FALSE
## 4917           2 Returning_Visitor   FALSE   FALSE
## 4918           1 Returning_Visitor   FALSE   FALSE
## 4919           3 Returning_Visitor   FALSE   FALSE
## 4920          13 Returning_Visitor   FALSE   FALSE
## 4921           4 Returning_Visitor   FALSE    TRUE
## 4922          11       New_Visitor   FALSE   FALSE
## 4923           6 Returning_Visitor    TRUE    TRUE
## 4924           3 Returning_Visitor   FALSE   FALSE
## 4925           3 Returning_Visitor   FALSE   FALSE
## 4926           3 Returning_Visitor   FALSE   FALSE
## 4927           6 Returning_Visitor    TRUE   FALSE
## 4928           6 Returning_Visitor   FALSE   FALSE
## 4929           2 Returning_Visitor   FALSE    TRUE
## 4930           3 Returning_Visitor   FALSE   FALSE
## 4931           3 Returning_Visitor   FALSE   FALSE
## 4932           1 Returning_Visitor   FALSE   FALSE
## 4933           4 Returning_Visitor   FALSE    TRUE
## 4934           6 Returning_Visitor   FALSE   FALSE
## 4935           2 Returning_Visitor   FALSE   FALSE
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## 4936          1 Returning_Visitor   FALSE   FALSE
## 4937          2 Returning_Visitor   FALSE   FALSE
## 4938          4 Returning_Visitor   FALSE   FALSE
## 4939          2 Returning_Visitor   FALSE   FALSE
## 4940          2       New_Visitor    TRUE   FALSE
## 4941          4 Returning_Visitor   FALSE   FALSE
## 4942          4       New_Visitor   FALSE    TRUE
## 4943          2 Returning_Visitor   FALSE   FALSE
## 4944          4 Returning_Visitor   FALSE   FALSE
## 4945          4 Returning_Visitor    TRUE    TRUE
## 4946          4       New_Visitor   FALSE    TRUE
## 4947          4 Returning_Visitor    TRUE   FALSE
## 4948          4 Returning_Visitor   FALSE   FALSE
## 4949          4 Returning_Visitor   FALSE   FALSE
## 4950          4 Returning_Visitor   FALSE   FALSE
## 4951          4 Returning_Visitor   FALSE   FALSE
## 4952          6 Returning_Visitor   FALSE   FALSE
## 4953          2 Returning_Visitor   FALSE   FALSE
## 4954          3 Returning_Visitor    TRUE    TRUE
## 4955         13 Returning_Visitor   FALSE   FALSE
## 4956          3 Returning_Visitor   FALSE   FALSE
## 4957          3 Returning_Visitor   FALSE   FALSE
## 4958         11 Returning_Visitor   FALSE   FALSE
## 4959          4 Returning_Visitor   FALSE   FALSE
## 4960          3 Returning_Visitor   FALSE   FALSE
## 4961          4 Returning_Visitor   FALSE    TRUE
## 4962          3 Returning_Visitor   FALSE   FALSE
## 4963          3 Returning_Visitor   FALSE   FALSE
## 4964         13 Returning_Visitor   FALSE   FALSE
## 4965          4 Returning_Visitor   FALSE   FALSE
## 4966          2       New_Visitor   FALSE   FALSE
## 4967          3 Returning_Visitor   FALSE   FALSE
## 4968          2 Returning_Visitor    TRUE   FALSE
## 4969          2 Returning_Visitor   FALSE   FALSE
## 4970          1 Returning_Visitor    TRUE   FALSE
## 4971          2 Returning_Visitor   FALSE   FALSE
## 4972          4 Returning_Visitor   FALSE   FALSE
## 4973          3 Returning_Visitor   FALSE   FALSE
## 4974         13 Returning_Visitor   FALSE   FALSE
## 4975          1 Returning_Visitor   FALSE   FALSE
## 4976          4 Returning_Visitor   FALSE    TRUE
## 4977          2 Returning_Visitor   FALSE   FALSE
## 4978          2 Returning_Visitor    TRUE   FALSE
## 4979          6 Returning_Visitor   FALSE   FALSE
## 4980          1 Returning_Visitor   FALSE   FALSE
## 4981          6 Returning_Visitor   FALSE   FALSE
## 4982          4 Returning_Visitor   FALSE   FALSE
## 4983          3 Returning_Visitor   FALSE   FALSE
## 4984          4 Returning_Visitor   FALSE   FALSE
## 4985          2 Returning_Visitor   FALSE   FALSE
## 4986          2 Returning_Visitor   FALSE   FALSE
## 4987          4 Returning_Visitor   FALSE    TRUE
## 4988          3 Returning_Visitor   FALSE   FALSE
## 4989          3 Returning_Visitor   FALSE   FALSE
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## 4990           3 Returning_Visitor   FALSE   FALSE
## 4991           2 Returning_Visitor   FALSE   FALSE
## 4992          13 Returning_Visitor   FALSE   FALSE
## 4993           4 Returning_Visitor   FALSE   FALSE
## 4994           4 Returning_Visitor   FALSE   FALSE
## 4995           3       New_Visitor   FALSE   FALSE
## 4996           3 Returning_Visitor   FALSE   FALSE
## 4997           2       New_Visitor   FALSE    TRUE
## 4998           3 Returning_Visitor   FALSE   FALSE
## 4999           3       New_Visitor   FALSE    TRUE
## 5000          11 Returning_Visitor   FALSE   FALSE
## 5001           4 Returning_Visitor   FALSE   FALSE
## 5002           3 Returning_Visitor   FALSE   FALSE
## 5003           3 Returning_Visitor   FALSE   FALSE
## 5004           3 Returning_Visitor    TRUE   FALSE
## 5005           6 Returning_Visitor   FALSE   FALSE
## 5006           3       New_Visitor   FALSE    TRUE
## 5007           3 Returning_Visitor    TRUE   FALSE
## 5008           2 Returning_Visitor    TRUE   FALSE
## 5009           3 Returning_Visitor   FALSE   FALSE
## 5010           2 Returning_Visitor   FALSE   FALSE
## 5011          11 Returning_Visitor   FALSE   FALSE
## 5012          13 Returning_Visitor   FALSE   FALSE
## 5013           6 Returning_Visitor   FALSE   FALSE
## 5014           2 Returning_Visitor   FALSE   FALSE
## 5015           2 Returning_Visitor   FALSE   FALSE
## 5016          13 Returning_Visitor   FALSE   FALSE
## 5017           5 Returning_Visitor   FALSE   FALSE
## 5018           4 Returning_Visitor   FALSE   FALSE
## 5019           6 Returning_Visitor   FALSE    TRUE
## 5020           5       New_Visitor   FALSE   FALSE
## 5021           3 Returning_Visitor   FALSE   FALSE
## 5022           2       New_Visitor    TRUE   FALSE
## 5023           3 Returning_Visitor   FALSE    TRUE
## 5024           5 Returning_Visitor   FALSE    TRUE
## 5025           2 Returning_Visitor    TRUE   FALSE
## 5026           1 Returning_Visitor   FALSE   FALSE
## 5027           6 Returning_Visitor   FALSE   FALSE
## 5028           6 Returning_Visitor    TRUE   FALSE
## 5029           3 Returning_Visitor   FALSE   FALSE
## 5030           2       New_Visitor   FALSE    TRUE
## 5031           4 Returning_Visitor   FALSE   FALSE
## 5032           2 Returning_Visitor    TRUE   FALSE
## 5033           2 Returning_Visitor   FALSE    TRUE
## 5034           3 Returning_Visitor   FALSE   FALSE
## 5035           2       New_Visitor   FALSE    TRUE
## 5036           4 Returning_Visitor   FALSE   FALSE
## 5037           1 Returning_Visitor   FALSE   FALSE
## 5038           2 Returning_Visitor   FALSE   FALSE
## 5040           3 Returning_Visitor    TRUE   FALSE
## 5041           3       New_Visitor   FALSE   FALSE
## 5042           6 Returning_Visitor   FALSE   FALSE
## 5043           5 Returning_Visitor   FALSE   FALSE
## 5045           4 Returning_Visitor   FALSE   FALSE
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```
## 5046           6 Returning_Visitor   FALSE   FALSE
## 5047           4 Returning_Visitor   FALSE   FALSE
## 5048           1 Returning_Visitor   FALSE   FALSE
## 5049           2 Returning_Visitor   FALSE   FALSE
## 5050          15 Returning_Visitor   FALSE   FALSE
## 5051           2 Returning_Visitor   FALSE   FALSE
## 5052           1 Returning_Visitor   FALSE   FALSE
## 5053           1 Returning_Visitor    TRUE   FALSE
## 5054           2 Returning_Visitor    TRUE   FALSE
## 5055          13 Returning_Visitor   FALSE   FALSE
## 5056           4 Returning_Visitor    TRUE   FALSE
## 5058          11 Returning_Visitor   FALSE    TRUE
## 5059           1 Returning_Visitor   FALSE   FALSE
## 5060          13 Returning_Visitor   FALSE   FALSE
## 5061           2 Returning_Visitor   FALSE   FALSE
## 5062           3 Returning_Visitor   FALSE   FALSE
## 5063          13 Returning_Visitor   FALSE   FALSE
## 5064           3 Returning_Visitor   FALSE   FALSE
## 5065           3 Returning_Visitor   FALSE   FALSE
## 5066           1 Returning_Visitor   FALSE   FALSE
## 5067           2       New_Visitor   FALSE   FALSE
## 5068           4 Returning_Visitor   FALSE   FALSE
## 5069          11       New_Visitor    TRUE    TRUE
## 5070           6 Returning_Visitor   FALSE   FALSE
## 5071           4 Returning_Visitor   FALSE   FALSE
## 5072           4 Returning_Visitor   FALSE   FALSE
## 5073           4 Returning_Visitor   FALSE   FALSE
## 5074          13 Returning_Visitor   FALSE   FALSE
## 5075           3 Returning_Visitor   FALSE   FALSE
## 5076           6 Returning_Visitor   FALSE   FALSE
## 5077           3 Returning_Visitor   FALSE   FALSE
## 5078          19 Returning_Visitor   FALSE   FALSE
## 5079           1 Returning_Visitor   FALSE   FALSE
## 5080           2 Returning_Visitor   FALSE   FALSE
## 5081           2 Returning_Visitor   FALSE   FALSE
## 5082           1 Returning_Visitor   FALSE   FALSE
## 5083           4 Returning_Visitor    TRUE    TRUE
## 5084           4 Returning_Visitor   FALSE   FALSE
## 5085           3 Returning_Visitor   FALSE   FALSE
## 5086          11 Returning_Visitor   FALSE   FALSE
## 5087           4 Returning_Visitor   FALSE   FALSE
## 5088          13 Returning_Visitor   FALSE   FALSE
## 5089           5 Returning_Visitor    TRUE   FALSE
## 5090           2 Returning_Visitor   FALSE   FALSE
## 5091           1 Returning_Visitor    TRUE   FALSE
## 5092          11       New_Visitor   FALSE   FALSE
## 5093          13 Returning_Visitor   FALSE   FALSE
## 5094           2 Returning_Visitor   FALSE   FALSE
## 5095           2 Returning_Visitor    TRUE   FALSE
## 5096          20 Returning_Visitor   FALSE   FALSE
## 5097           3 Returning_Visitor   FALSE   FALSE
## 5098           3 Returning_Visitor   FALSE   FALSE
## 5099           4 Returning_Visitor   FALSE   FALSE
## 5100           3 Returning_Visitor   FALSE   FALSE
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```
## 5101           2 Returning_Visitor   FALSE    TRUE
## 5102           4 Returning_Visitor   FALSE   FALSE
## 5103           1 Returning_Visitor   FALSE   FALSE
## 5104           4 Returning_Visitor   FALSE   FALSE
## 5105           1 Returning_Visitor   FALSE   FALSE
## 5106           3 Returning_Visitor   FALSE   FALSE
## 5107           3 Returning_Visitor   FALSE   FALSE
## 5108           1 Returning_Visitor   FALSE   FALSE
## 5109           3 Returning_Visitor   FALSE   FALSE
## 5110           3 Returning_Visitor   FALSE   FALSE
## 5111           2 Returning_Visitor   FALSE   FALSE
## 5112           2 Returning_Visitor   FALSE   FALSE
## 5113           2 Returning_Visitor   FALSE   FALSE
## 5114           2 Returning_Visitor    TRUE   FALSE
## 5115          13 Returning_Visitor   FALSE   FALSE
## 5116          11 Returning_Visitor   FALSE   FALSE
## 5117           3 Returning_Visitor   FALSE   FALSE
## 5118           6 Returning_Visitor   FALSE   FALSE
## 5120           2 Returning_Visitor   FALSE   FALSE
## 5121          20 Returning_Visitor   FALSE   FALSE
## 5122          11 Returning_Visitor    TRUE   FALSE
## 5123           6 Returning_Visitor   FALSE   FALSE
## 5124           4 Returning_Visitor   FALSE    TRUE
## 5125           4 Returning_Visitor   FALSE   FALSE
## 5126           1 Returning_Visitor   FALSE   FALSE
## 5127           2 Returning_Visitor   FALSE   FALSE
## 5128           6 Returning_Visitor   FALSE   FALSE
## 5129           2 Returning_Visitor    TRUE   FALSE
## 5130          13 Returning_Visitor   FALSE   FALSE
## 5131           4 Returning_Visitor   FALSE   FALSE
## 5132           4 Returning_Visitor    TRUE   FALSE
## 5133           2       New_Visitor   FALSE   FALSE
## 5134           3 Returning_Visitor   FALSE   FALSE
## 5135           2 Returning_Visitor   FALSE   FALSE
## 5136           2 Returning_Visitor   FALSE   FALSE
## 5137           3 Returning_Visitor   FALSE   FALSE
## 5138          13 Returning_Visitor   FALSE   FALSE
## 5139          13 Returning_Visitor   FALSE   FALSE
## 5140           3       New_Visitor   FALSE   FALSE
## 5141           4 Returning_Visitor    TRUE   FALSE
## 5142           4 Returning_Visitor   FALSE    TRUE
## 5143           2       New_Visitor   FALSE    TRUE
## 5144           4 Returning_Visitor   FALSE   FALSE
## 5145           4 Returning_Visitor   FALSE   FALSE
## 5146           6 Returning_Visitor   FALSE    TRUE
## 5147           3       New_Visitor   FALSE   FALSE
## 5148           6 Returning_Visitor    TRUE   FALSE
## 5149           2 Returning_Visitor    TRUE   FALSE
## 5150           4 Returning_Visitor    TRUE   FALSE
## 5151           1 Returning_Visitor   FALSE   FALSE
## 5152           6       New_Visitor   FALSE   FALSE
## 5153          14 Returning_Visitor    TRUE   FALSE
## 5154           1 Returning_Visitor   FALSE   FALSE
## 5155           3 Returning_Visitor   FALSE   FALSE
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## 5156          4 Returning_Visitor    TRUE   FALSE
## 5157         13 Returning_Visitor   FALSE   FALSE
## 5158         13 Returning_Visitor   FALSE   FALSE
## 5159          2 Returning_Visitor   FALSE   FALSE
## 5160          2 Returning_Visitor   FALSE   FALSE
## 5161         13 Returning_Visitor   FALSE   FALSE
## 5162         13 Returning_Visitor   FALSE   FALSE
## 5163          1 Returning_Visitor   FALSE   FALSE
## 5164          3 Returning_Visitor   FALSE   FALSE
## 5165         13 Returning_Visitor   FALSE   FALSE
## 5166          2 Returning_Visitor   FALSE   FALSE
## 5167          3 Returning_Visitor   FALSE    TRUE
## 5168          6 Returning_Visitor   FALSE   FALSE
## 5169          4 Returning_Visitor   FALSE   FALSE
## 5170         13 Returning_Visitor   FALSE   FALSE
## 5171          3 Returning_Visitor   FALSE   FALSE
## 5172          2       New_Visitor    TRUE   FALSE
## 5173          4 Returning_Visitor   FALSE   FALSE
## 5174          1 Returning_Visitor    TRUE   FALSE
## 5175          4 Returning_Visitor   FALSE    TRUE
## 5176          1 Returning_Visitor   FALSE   FALSE
## 5177          3 Returning_Visitor   FALSE   FALSE
## 5178         13 Returning_Visitor   FALSE   FALSE
## 5179          4 Returning_Visitor   FALSE   FALSE
## 5180          2 Returning_Visitor    TRUE   FALSE
## 5181          6 Returning_Visitor    TRUE   FALSE
## 5182          4 Returning_Visitor    TRUE   FALSE
## 5183          2 Returning_Visitor   FALSE   FALSE
## 5184          2       New_Visitor    TRUE   FALSE
## 5185          6 Returning_Visitor    TRUE   FALSE
## 5186          4 Returning_Visitor   FALSE   FALSE
## 5187         14 Returning_Visitor   FALSE   FALSE
## 5188          1 Returning_Visitor   FALSE   FALSE
## 5189          2       New_Visitor   FALSE    TRUE
## 5190          3 Returning_Visitor   FALSE   FALSE
## 5191          6 Returning_Visitor    TRUE    TRUE
## 5192          1 Returning_Visitor    TRUE    TRUE
## 5193          4 Returning_Visitor   FALSE   FALSE
## 5194          2 Returning_Visitor    TRUE   FALSE
## 5195          4 Returning_Visitor   FALSE   FALSE
## 5196          4 Returning_Visitor    TRUE   FALSE
## 5197          3 Returning_Visitor   FALSE   FALSE
## 5198          1 Returning_Visitor   FALSE   FALSE
## 5201          6 Returning_Visitor   FALSE   FALSE
## 5202          6 Returning_Visitor   FALSE   FALSE
## 5203          2 Returning_Visitor    TRUE   FALSE
## 5204          3 Returning_Visitor   FALSE   FALSE
## 5205          4 Returning_Visitor    TRUE   FALSE
## 5206          2 Returning_Visitor   FALSE    TRUE
## 5207          2 Returning_Visitor   FALSE    TRUE
## 5208          3 Returning_Visitor   FALSE   FALSE
## 5209          2 Returning_Visitor    TRUE    TRUE
## 5210         13 Returning_Visitor   FALSE   FALSE
## 5211          2 Returning_Visitor   FALSE   FALSE
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## 5212           3 Returning_Visitor   FALSE   FALSE
## 5213           1 Returning_Visitor   FALSE   FALSE
## 5214           6 Returning_Visitor   FALSE   FALSE
## 5215           6 Returning_Visitor   FALSE   FALSE
## 5216           2       New_Visitor   FALSE    TRUE
## 5217           2       New_Visitor   FALSE   FALSE
## 5218           2 Returning_Visitor   FALSE   FALSE
## 5219           5 Returning_Visitor   FALSE   FALSE
## 5220           4       New_Visitor   FALSE   FALSE
## 5221           6 Returning_Visitor    TRUE   FALSE
## 5222           2       New_Visitor   FALSE   FALSE
## 5223           4 Returning_Visitor    TRUE   FALSE
## 5224           4 Returning_Visitor   FALSE   FALSE
## 5225           1 Returning_Visitor   FALSE   FALSE
## 5226          18 Returning_Visitor   FALSE   FALSE
## 5227           2 Returning_Visitor   FALSE   FALSE
## 5228           4 Returning_Visitor   FALSE   FALSE
## 5229           1 Returning_Visitor   FALSE   FALSE
## 5230           3 Returning_Visitor   FALSE   FALSE
## 5231           3 Returning_Visitor   FALSE   FALSE
## 5232           3 Returning_Visitor   FALSE   FALSE
## 5233           3 Returning_Visitor   FALSE   FALSE
## 5234           4 Returning_Visitor   FALSE    TRUE
## 5235           3 Returning_Visitor   FALSE   FALSE
## 5236           4       New_Visitor   FALSE   FALSE
## 5237           1 Returning_Visitor    TRUE   FALSE
## 5238           1 Returning_Visitor   FALSE   FALSE
## 5239           4 Returning_Visitor    TRUE   FALSE
## 5240           3 Returning_Visitor   FALSE   FALSE
## 5241           1 Returning_Visitor   FALSE   FALSE
## 5242           2 Returning_Visitor   FALSE   FALSE
## 5243           2 Returning_Visitor   FALSE    TRUE
## 5244           6 Returning_Visitor    TRUE   FALSE
## 5245          13 Returning_Visitor   FALSE   FALSE
## 5246           4 Returning_Visitor    TRUE   FALSE
## 5247           1 Returning_Visitor    TRUE   FALSE
## 5248           4 Returning_Visitor   FALSE   FALSE
## 5249           2 Returning_Visitor   FALSE    TRUE
## 5250           3       New_Visitor   FALSE   FALSE
## 5251           1 Returning_Visitor   FALSE   FALSE
## 5252           3 Returning_Visitor   FALSE   FALSE
## 5253           6 Returning_Visitor   FALSE   FALSE
## 5254           2 Returning_Visitor   FALSE   FALSE
## 5256           3 Returning_Visitor   FALSE   FALSE
## 5257           6 Returning_Visitor   FALSE   FALSE
## 5258           3 Returning_Visitor    TRUE   FALSE
## 5259          13 Returning_Visitor   FALSE   FALSE
## 5260           3 Returning_Visitor   FALSE   FALSE
## 5261           4       New_Visitor   FALSE    TRUE
## 5262           1 Returning_Visitor    TRUE   FALSE
## 5263           2 Returning_Visitor    TRUE   FALSE
## 5264           2 Returning_Visitor    TRUE   FALSE
## 5265          13 Returning_Visitor   FALSE   FALSE
## 5266           1 Returning_Visitor    TRUE   FALSE
```

```
## 5267           2 Returning_Visitor   FALSE   FALSE
## 5268           2       New_Visitor   FALSE   FALSE
## 5269           3 Returning_Visitor   FALSE   FALSE
## 5270           3 Returning_Visitor   FALSE   FALSE
## 5271           3 Returning_Visitor   FALSE   FALSE
## 5272          15 Returning_Visitor    TRUE   FALSE
## 5273           2       New_Visitor    TRUE   FALSE
## 5274           3 Returning_Visitor   FALSE   FALSE
## 5275          11 Returning_Visitor   FALSE   FALSE
## 5276           6 Returning_Visitor   FALSE   FALSE
## 5278           1 Returning_Visitor    TRUE    TRUE
## 5279           3 Returning_Visitor   FALSE   FALSE
## 5280           1 Returning_Visitor   FALSE   FALSE
## 5281           4 Returning_Visitor    TRUE    TRUE
## 5282          11 Returning_Visitor    TRUE   FALSE
## 5283           4 Returning_Visitor   FALSE   FALSE
## 5284           3 Returning_Visitor   FALSE   FALSE
## 5285           2 Returning_Visitor   FALSE   FALSE
## 5286           4 Returning_Visitor    TRUE   FALSE
## 5288           3 Returning_Visitor   FALSE    TRUE
## 5289           3 Returning_Visitor   FALSE   FALSE
## 5290           4       New_Visitor    TRUE    TRUE
## 5291           1 Returning_Visitor   FALSE   FALSE
## 5292           3 Returning_Visitor   FALSE   FALSE
## 5293          13 Returning_Visitor   FALSE   FALSE
## 5294           4 Returning_Visitor    TRUE   FALSE
## 5295           2 Returning_Visitor   FALSE   FALSE
## 5296           3 Returning_Visitor   FALSE    TRUE
## 5297          14 Returning_Visitor    TRUE   FALSE
## 5298          11 Returning_Visitor   FALSE   FALSE
## 5299           3 Returning_Visitor   FALSE   FALSE
## 5300           3 Returning_Visitor    TRUE   FALSE
## 5301           2 Returning_Visitor   FALSE   FALSE
## 5302           2 Returning_Visitor    TRUE   FALSE
## 5303           2 Returning_Visitor   FALSE   FALSE
## 5304           3 Returning_Visitor   FALSE   FALSE
## 5305           5       New_Visitor   FALSE   FALSE
## 5306           3 Returning_Visitor    TRUE   FALSE
## 5307           3 Returning_Visitor   FALSE   FALSE
## 5308          13 Returning_Visitor   FALSE   FALSE
## 5309          13       New_Visitor   FALSE   FALSE
## 5310           4 Returning_Visitor    TRUE   FALSE
## 5311           3 Returning_Visitor   FALSE   FALSE
## 5312           3 Returning_Visitor   FALSE   FALSE
## 5313           1 Returning_Visitor   FALSE   FALSE
## 5314           4 Returning_Visitor   FALSE   FALSE
## 5315           6 Returning_Visitor   FALSE   FALSE
## 5316           2 Returning_Visitor   FALSE   FALSE
## 5317           2 Returning_Visitor   FALSE   FALSE
## 5318           4 Returning_Visitor   FALSE   FALSE
## 5319           1 Returning_Visitor   FALSE    TRUE
## 5320           4 Returning_Visitor   FALSE   FALSE
## 5321           3 Returning_Visitor   FALSE   FALSE
## 5322           3 Returning_Visitor    TRUE   FALSE
```

```
## 5323          4 Returning_Visitor   FALSE   FALSE
## 5324          4 Returning_Visitor   FALSE   FALSE
## 5325          4 Returning_Visitor   FALSE   FALSE
## 5326          1 Returning_Visitor   FALSE   FALSE
## 5327          3 Returning_Visitor   FALSE   FALSE
## 5328          2 Returning_Visitor   FALSE   FALSE
## 5329         20 Returning_Visitor    TRUE   FALSE
## 5330          2 Returning_Visitor   FALSE   FALSE
## 5331         13 Returning_Visitor    TRUE   FALSE
## 5332          3 Returning_Visitor   FALSE   FALSE
## 5333          3 Returning_Visitor   FALSE   FALSE
## 5334          1 Returning_Visitor   FALSE   FALSE
## 5335         13 Returning_Visitor   FALSE   FALSE
## 5336         13 Returning_Visitor   FALSE   FALSE
## 5337          3 Returning_Visitor   FALSE   FALSE
## 5338          4 Returning_Visitor    TRUE   FALSE
## 5339          4 Returning_Visitor    TRUE    TRUE
## 5340          4 Returning_Visitor   FALSE   FALSE
## 5341         13 Returning_Visitor   FALSE   FALSE
## 5342          1 Returning_Visitor   FALSE   FALSE
## 5343          4 Returning_Visitor    TRUE   FALSE
## 5344         13 Returning_Visitor    TRUE   FALSE
## 5345          1 Returning_Visitor   FALSE   FALSE
## 5346         20 Returning_Visitor   FALSE   FALSE
## 5347          2       New_Visitor   FALSE   FALSE
## 5348         13 Returning_Visitor   FALSE   FALSE
## 5349          2 Returning_Visitor    TRUE   FALSE
## 5350          4 Returning_Visitor   FALSE   FALSE
## 5351         15 Returning_Visitor   FALSE   FALSE
## 5352          3 Returning_Visitor    TRUE   FALSE
## 5353          2 Returning_Visitor   FALSE   FALSE
## 5354          2 Returning_Visitor    TRUE   FALSE
## 5355          6 Returning_Visitor   FALSE   FALSE
## 5357          3 Returning_Visitor   FALSE   FALSE
## 5358          3 Returning_Visitor   FALSE   FALSE
## 5359          2 Returning_Visitor   FALSE   FALSE
## 5360         13 Returning_Visitor   FALSE   FALSE
## 5361          2 Returning_Visitor    TRUE   FALSE
## 5362          2 Returning_Visitor   FALSE   FALSE
## 5363          4 Returning_Visitor   FALSE   FALSE
## 5364         13 Returning_Visitor   FALSE   FALSE
## 5365          2       New_Visitor   FALSE   FALSE
## 5366          2 Returning_Visitor   FALSE    TRUE
## 5367          4 Returning_Visitor   FALSE   FALSE
## 5368          2 Returning_Visitor   FALSE   FALSE
## 5369          1 Returning_Visitor   FALSE   FALSE
## 5370          6 Returning_Visitor   FALSE   FALSE
## 5371          4 Returning_Visitor   FALSE   FALSE
## 5372          4 Returning_Visitor    TRUE   FALSE
## 5373          3 Returning_Visitor   FALSE   FALSE
## 5374          6 Returning_Visitor    TRUE   FALSE
## 5375          2 Returning_Visitor   FALSE    TRUE
## 5376          2 Returning_Visitor   FALSE   FALSE
## 5377          2 Returning_Visitor   FALSE   FALSE
```

```
## 5378          15 Returning_Visitor   FALSE   FALSE
## 5379          13 Returning_Visitor   FALSE   FALSE
## 5380           3 Returning_Visitor   FALSE   FALSE
## 5381           1 Returning_Visitor   FALSE   FALSE
## 5382          13 Returning_Visitor   FALSE   FALSE
## 5383           2 Returning_Visitor   FALSE   FALSE
## 5384           1 Returning_Visitor   FALSE   FALSE
## 5385           3 Returning_Visitor   FALSE   FALSE
## 5386           6       New_Visitor   FALSE    TRUE
## 5387          13 Returning_Visitor   FALSE   FALSE
## 5388           3 Returning_Visitor   FALSE   FALSE
## 5389           3 Returning_Visitor   FALSE   FALSE
## 5390           3       New_Visitor   FALSE    TRUE
## 5391           4 Returning_Visitor   FALSE   FALSE
## 5392           1 Returning_Visitor   FALSE    TRUE
## 5393           3 Returning_Visitor   FALSE   FALSE
## 5394           2 Returning_Visitor   FALSE    TRUE
## 5395           2 Returning_Visitor    TRUE    TRUE
## 5396           4 Returning_Visitor   FALSE   FALSE
## 5397           2       New_Visitor   FALSE   FALSE
## 5398           4 Returning_Visitor   FALSE    TRUE
## 5399           2 Returning_Visitor   FALSE   FALSE
## 5400           4 Returning_Visitor   FALSE    TRUE
## 5401           4 Returning_Visitor   FALSE   FALSE
## 5402           2 Returning_Visitor   FALSE    TRUE
## 5403           6 Returning_Visitor   FALSE   FALSE
## 5404           2 Returning_Visitor    TRUE   FALSE
## 5405           2 Returning_Visitor   FALSE   FALSE
## 5406          13 Returning_Visitor   FALSE   FALSE
## 5407           1 Returning_Visitor    TRUE   FALSE
## 5409          11 Returning_Visitor   FALSE   FALSE
## 5410           3 Returning_Visitor   FALSE   FALSE
## 5411           2 Returning_Visitor   FALSE    TRUE
## 5412           3 Returning_Visitor    TRUE   FALSE
## 5413           4 Returning_Visitor   FALSE   FALSE
## 5414           3 Returning_Visitor   FALSE   FALSE
## 5415          13 Returning_Visitor   FALSE   FALSE
## 5416           3 Returning_Visitor   FALSE   FALSE
## 5417          13 Returning_Visitor   FALSE   FALSE
## 5418           2 Returning_Visitor   FALSE   FALSE
## 5419           6 Returning_Visitor   FALSE   FALSE
## 5420           6 Returning_Visitor   FALSE   FALSE
## 5421           4 Returning_Visitor   FALSE   FALSE
## 5422           4 Returning_Visitor   FALSE   FALSE
## 5423           3 Returning_Visitor   FALSE   FALSE
## 5424           2 Returning_Visitor   FALSE    TRUE
## 5425           3 Returning_Visitor   FALSE   FALSE
## 5426           1 Returning_Visitor   FALSE   FALSE
## 5427          13 Returning_Visitor   FALSE   FALSE
## 5428           1 Returning_Visitor   FALSE   FALSE
## 5429           5       New_Visitor   FALSE   FALSE
## 5430           1 Returning_Visitor    TRUE   FALSE
## 5431           3 Returning_Visitor   FALSE   FALSE
## 5432           6 Returning_Visitor    TRUE   FALSE
```

```
## 5433          13 Returning_Visitor   FALSE   FALSE
## 5434           4 Returning_Visitor   FALSE   FALSE
## 5435           6 Returning_Visitor   FALSE   FALSE
## 5436           4 Returning_Visitor   FALSE    TRUE
## 5437           6 Returning_Visitor   FALSE   FALSE
## 5438           2       New_Visitor   FALSE    TRUE
## 5439           3 Returning_Visitor    TRUE    TRUE
## 5440           2 Returning_Visitor   FALSE   FALSE
## 5441           4 Returning_Visitor   FALSE   FALSE
## 5442           1 Returning_Visitor    TRUE    TRUE
## 5443           3 Returning_Visitor   FALSE   FALSE
## 5444           1 Returning_Visitor   FALSE    TRUE
## 5445           3       New_Visitor   FALSE   FALSE
## 5446           3 Returning_Visitor   FALSE   FALSE
## 5447           2 Returning_Visitor    TRUE   FALSE
## 5448           2 Returning_Visitor   FALSE   FALSE
## 5449           2 Returning_Visitor   FALSE   FALSE
## 5450           2       New_Visitor   FALSE   FALSE
## 5451           2 Returning_Visitor   FALSE   FALSE
## 5452           3 Returning_Visitor   FALSE   FALSE
## 5453           3 Returning_Visitor   FALSE   FALSE
## 5454           2 Returning_Visitor   FALSE   FALSE
## 5455          13 Returning_Visitor   FALSE   FALSE
## 5456           5 Returning_Visitor   FALSE   FALSE
## 5457           1       New_Visitor   FALSE   FALSE
## 5458           3       New_Visitor   FALSE    TRUE
## 5459          11       New_Visitor   FALSE    TRUE
## 5460           1 Returning_Visitor   FALSE   FALSE
## 5461          13 Returning_Visitor   FALSE    TRUE
## 5462           2       New_Visitor   FALSE   FALSE
## 5463           3 Returning_Visitor    TRUE   FALSE
## 5464           2       New_Visitor    TRUE   FALSE
## 5465           4 Returning_Visitor    TRUE    TRUE
## 5466           1 Returning_Visitor    TRUE   FALSE
## 5467           1 Returning_Visitor   FALSE   FALSE
## 5468           1 Returning_Visitor   FALSE   FALSE
## 5469           3 Returning_Visitor   FALSE   FALSE
## 5470           2 Returning_Visitor   FALSE   FALSE
## 5471           4 Returning_Visitor   FALSE   FALSE
## 5472           4 Returning_Visitor   FALSE   FALSE
## 5473           5       New_Visitor   FALSE   FALSE
## 5474           1 Returning_Visitor   FALSE   FALSE
## 5475           5       New_Visitor   FALSE    TRUE
## 5476           1 Returning_Visitor   FALSE    TRUE
## 5477           2 Returning_Visitor    TRUE   FALSE
## 5478           2 Returning_Visitor   FALSE   FALSE
## 5479           4 Returning_Visitor    TRUE   FALSE
## 5480           2 Returning_Visitor   FALSE    TRUE
## 5481           4 Returning_Visitor   FALSE    TRUE
## 5482           4 Returning_Visitor   FALSE   FALSE
## 5483           1 Returning_Visitor    TRUE   FALSE
## 5484           1 Returning_Visitor   FALSE    TRUE
## 5485           2 Returning_Visitor    TRUE   FALSE
## 5486           3 Returning_Visitor   FALSE   FALSE
```

```
## 5487           1 Returning_Visitor   FALSE   FALSE
## 5488           5       New_Visitor    TRUE   FALSE
## 5489           2 Returning_Visitor   FALSE   FALSE
## 5490           3 Returning_Visitor   FALSE   FALSE
## 5491           4 Returning_Visitor   FALSE    TRUE
## 5492           2       New_Visitor   FALSE    TRUE
## 5493           2       New_Visitor   FALSE   FALSE
## 5494           3 Returning_Visitor   FALSE   FALSE
## 5495           2 Returning_Visitor   FALSE    TRUE
## 5496          20       New_Visitor   FALSE   FALSE
## 5497           4       New_Visitor   FALSE    TRUE
## 5498           2 Returning_Visitor   FALSE   FALSE
## 5499           1 Returning_Visitor    TRUE   FALSE
## 5500           2 Returning_Visitor   FALSE   FALSE
## 5501           2 Returning_Visitor   FALSE   FALSE
## 5502           2 Returning_Visitor   FALSE   FALSE
## 5503           1 Returning_Visitor   FALSE   FALSE
## 5504           1 Returning_Visitor   FALSE   FALSE
## 5505           1 Returning_Visitor    TRUE   FALSE
## 5506           4 Returning_Visitor   FALSE   FALSE
## 5507           2       New_Visitor    TRUE   FALSE
## 5508           3       New_Visitor   FALSE    TRUE
## 5509           5 Returning_Visitor   FALSE   FALSE
## 5510          13 Returning_Visitor    TRUE    TRUE
## 5511           2       New_Visitor    TRUE   FALSE
## 5512           4       New_Visitor    TRUE   FALSE
## 5513           1 Returning_Visitor   FALSE   FALSE
## 5514           4 Returning_Visitor   FALSE    TRUE
## 5515           1 Returning_Visitor   FALSE    TRUE
## 5516           4 Returning_Visitor   FALSE   FALSE
## 5517           3       New_Visitor   FALSE    TRUE
## 5518           4 Returning_Visitor    TRUE   FALSE
## 5519           1 Returning_Visitor    TRUE   FALSE
## 5520           1 Returning_Visitor   FALSE   FALSE
## 5521           1 Returning_Visitor   FALSE   FALSE
## 5522           1 Returning_Visitor   FALSE   FALSE
## 5523           4 Returning_Visitor    TRUE   FALSE
## 5524           3 Returning_Visitor   FALSE   FALSE
## 5525           2       New_Visitor   FALSE    TRUE
## 5526           6 Returning_Visitor   FALSE   FALSE
## 5527          13 Returning_Visitor   FALSE   FALSE
## 5528           1 Returning_Visitor    TRUE   FALSE
## 5529          13 Returning_Visitor   FALSE   FALSE
## 5530           1 Returning_Visitor   FALSE   FALSE
## 5531           2 Returning_Visitor   FALSE   FALSE
## 5532           6 Returning_Visitor   FALSE   FALSE
## 5533           2       New_Visitor    TRUE   FALSE
## 5534           2 Returning_Visitor   FALSE   FALSE
## 5535           3       New_Visitor   FALSE   FALSE
## 5536           2 Returning_Visitor   FALSE   FALSE
## 5537           3 Returning_Visitor    TRUE   FALSE
## 5538           5       New_Visitor    TRUE   FALSE
## 5539           3       New_Visitor   FALSE   FALSE
## 5540           2       New_Visitor    TRUE   FALSE
```

```
## 5541           4 Returning_Visitor   FALSE   FALSE
## 5542           2 Returning_Visitor   FALSE   FALSE
## 5543           2       New_Visitor   FALSE   FALSE
## 5544           1       New_Visitor    TRUE   FALSE
## 5545          13 Returning_Visitor   FALSE   FALSE
## 5546           4       New_Visitor    TRUE   FALSE
## 5547           2 Returning_Visitor   FALSE   FALSE
## 5548           1 Returning_Visitor   FALSE   FALSE
## 5549          20 Returning_Visitor    TRUE   FALSE
## 5550           2       New_Visitor   FALSE    TRUE
## 5551           1 Returning_Visitor   FALSE   FALSE
## 5552           1 Returning_Visitor    TRUE   FALSE
## 5553           1 Returning_Visitor   FALSE   FALSE
## 5554           1 Returning_Visitor   FALSE   FALSE
## 5555          20 Returning_Visitor   FALSE    TRUE
## 5556           7 Returning_Visitor   FALSE    TRUE
## 5557           2       New_Visitor   FALSE    TRUE
## 5558           3 Returning_Visitor   FALSE   FALSE
## 5559           3       New_Visitor   FALSE   FALSE
## 5560           3 Returning_Visitor   FALSE   FALSE
## 5561           2 Returning_Visitor   FALSE    TRUE
## 5562           1 Returning_Visitor    TRUE    TRUE
## 5563           1 Returning_Visitor   FALSE   FALSE
## 5564           1 Returning_Visitor    TRUE    TRUE
## 5565           3 Returning_Visitor   FALSE   FALSE
## 5566           4       New_Visitor   FALSE   FALSE
## 5567           4 Returning_Visitor   FALSE   FALSE
## 5568           1 Returning_Visitor    TRUE   FALSE
## 5569           2 Returning_Visitor    TRUE   FALSE
## 5570          20 Returning_Visitor   FALSE   FALSE
## 5571           4       New_Visitor   FALSE   FALSE
## 5572           1 Returning_Visitor   FALSE    TRUE
## 5573           4 Returning_Visitor    TRUE   FALSE
## 5574           3 Returning_Visitor   FALSE   FALSE
## 5575           3 Returning_Visitor   FALSE   FALSE
## 5576           4 Returning_Visitor   FALSE   FALSE
## 5577           5       New_Visitor    TRUE   FALSE
## 5578           2       New_Visitor   FALSE   FALSE
## 5579           3 Returning_Visitor   FALSE   FALSE
## 5580           4 Returning_Visitor   FALSE   FALSE
## 5581           5       New_Visitor   FALSE    TRUE
## 5582           3 Returning_Visitor   FALSE   FALSE
## 5583          13 Returning_Visitor   FALSE   FALSE
## 5584           1 Returning_Visitor   FALSE   FALSE
## 5585           2 Returning_Visitor   FALSE    TRUE
## 5586           1 Returning_Visitor   FALSE   FALSE
## 5587           4 Returning_Visitor   FALSE    TRUE
## 5588           4 Returning_Visitor   FALSE   FALSE
## 5589           1 Returning_Visitor   FALSE   FALSE
## 5590          11 Returning_Visitor   FALSE   FALSE
## 5591           1 Returning_Visitor    TRUE   FALSE
## 5592           3 Returning_Visitor   FALSE   FALSE
## 5593          13 Returning_Visitor    TRUE    TRUE
## 5594          20 Returning_Visitor   FALSE    TRUE
```

```
## 5595           2 Returning_Visitor   FALSE   FALSE
## 5596           1 Returning_Visitor   FALSE   FALSE
## 5597           1 Returning_Visitor   FALSE    TRUE
## 5598           1 Returning_Visitor   FALSE   FALSE
## 5599           2       New_Visitor    TRUE   FALSE
## 5600          13 Returning_Visitor   FALSE   FALSE
## 5601           2 Returning_Visitor   FALSE   FALSE
## 5602          13 Returning_Visitor   FALSE   FALSE
## 5603           2 Returning_Visitor    TRUE    TRUE
## 5604           5 Returning_Visitor   FALSE   FALSE
## 5605           5       New_Visitor    TRUE   FALSE
## 5606           1 Returning_Visitor    TRUE   FALSE
## 5607           4 Returning_Visitor   FALSE   FALSE
## 5608           1 Returning_Visitor   FALSE   FALSE
## 5609          13 Returning_Visitor   FALSE   FALSE
## 5610           2       New_Visitor   FALSE   FALSE
## 5611           2       New_Visitor   FALSE   FALSE
## 5612           1 Returning_Visitor   FALSE   FALSE
## 5613           3 Returning_Visitor   FALSE   FALSE
## 5614           5 Returning_Visitor   FALSE   FALSE
## 5615           3 Returning_Visitor    TRUE   FALSE
## 5616           1 Returning_Visitor   FALSE   FALSE
## 5617           2       New_Visitor   FALSE   FALSE
## 5618          13 Returning_Visitor   FALSE   FALSE
## 5619           2 Returning_Visitor   FALSE   FALSE
## 5620           1 Returning_Visitor    TRUE    TRUE
## 5621           1 Returning_Visitor   FALSE   FALSE
## 5622           4 Returning_Visitor   FALSE   FALSE
## 5623           2 Returning_Visitor    TRUE    TRUE
## 5624           4 Returning_Visitor   FALSE    TRUE
## 5625           4 Returning_Visitor   FALSE   FALSE
## 5626          20 Returning_Visitor    TRUE    TRUE
## 5627           2       New_Visitor   FALSE    TRUE
## 5628           2       New_Visitor   FALSE   FALSE
## 5629           4 Returning_Visitor   FALSE   FALSE
## 5630           4 Returning_Visitor    TRUE   FALSE
## 5631           2       New_Visitor    TRUE   FALSE
## 5632           4 Returning_Visitor    TRUE   FALSE
## 5633           1 Returning_Visitor   FALSE   FALSE
## 5634           3 Returning_Visitor   FALSE   FALSE
## 5635           3 Returning_Visitor    TRUE   FALSE
## 5636           4 Returning_Visitor    TRUE    TRUE
## 5637           1 Returning_Visitor   FALSE   FALSE
## 5638           2 Returning_Visitor   FALSE   FALSE
## 5639           1 Returning_Visitor    TRUE   FALSE
## 5640           3 Returning_Visitor   FALSE   FALSE
## 5641           2       New_Visitor    TRUE   FALSE
## 5642          13 Returning_Visitor   FALSE   FALSE
## 5643           3 Returning_Visitor   FALSE   FALSE
## 5644           2       New_Visitor    TRUE   FALSE
## 5645           2 Returning_Visitor   FALSE    TRUE
## 5646           2       New_Visitor    TRUE   FALSE
## 5647           1 Returning_Visitor   FALSE   FALSE
##  [ reached 'max' / getOption("max.print") -- omitted 6644 rows ]
```

```r
#Checking if the duplicated rows have been removed.
duplicated <- df3[duplicated(df3),]
```

d.) Normalizing the dataframe

Our dataframe had a few negative values and these would negatively affect our modelling. We therefore need to normalize our dataset in order to change the values of numeric columns in the dataset to a common scale, without distorting differences in the ranges of values. We'll only normalize the 3 columns with negative values.

```r
#Creating a function for normalization of our data
normalize <- function(x) {
return ((x - min(x)) / (max(x) - min(x)))
}
#Normalizing the 3 columns
df3$Administrative_Duration<-normalize(df3$Administrative_Duration)
df3$Informational_Duration<-normalize(df3$Informational_Duration)
df3$ProductRelated_Duration<-normalize(df3$ProductRelated_Duration)
```

```r
#Checking if the negative values in the dataframe have been normalized
df3[df3[,6] < 0,]
```

```
##  [1] Administrative          Administrative_Duration Informational
##  [4] Informational_Duration  ProductRelated          ProductRelated_Duration
##  [7] BounceRates             ExitRates               PageValues
## [10] SpecialDay              Month                   OperatingSystems
## [13] Browser                 Region                  TrafficType
## [16] VisitorType             Weekend                 Revenue
## <0 rows> (or 0-length row.names)
```

```r
#Checking the dimension of our new dataframe
dim(df3)
```

```
## [1] 12199    18
```

Our new data frame has no duplicates, no missing data, has 0 negative values in the columns and has 12,199 rows and 18 columns, 10 of which are numerical and 8 categorical.

8. Exploratory Data Analysis

a.) Univariate Analysis

i.) Measures of Central Tendency

We'll get the minimum, maximum, median, mean, 1st and 3rd quantile of each column by printing the summary statistics of the dataset.

```r
# Summary statistics of the dataframe
(summary(df3))
```

```
##  Administrative  Administrative_Duration Informational
##  Min.   : 0.00   Min.   :0.0000000       Min.   : 0.0000
##  1st Qu.: 0.00   1st Qu.:0.0002941       1st Qu.: 0.0000
##  Median : 1.00   Median :0.0029414       Median : 0.0000
##  Mean   : 2.34   Mean   :0.0243201       Mean   : 0.5088
##  3rd Qu.: 4.00   3rd Qu.:0.0281638       3rd Qu.: 0.0000
##  Max.   :27.00   Max.   :1.0000000       Max.   :24.0000
##
##  Informational_Duration ProductRelated   ProductRelated_Duration
##  Min.   :0.0000000      Min.   :  0.00   Min.   :0.000000
##  1st Qu.:0.0003921      1st Qu.:  8.00   1st Qu.:0.003042
##  Median :0.0003921      Median : 18.00   Median :0.009543
##  Mean   :0.0140518      Mean   : 32.06   Mean   :0.018891
##  3rd Qu.:0.0003921      3rd Qu.: 38.00   3rd Qu.:0.023112
##  Max.   :1.0000000      Max.   :705.00   Max.   :1.000000
##
##   BounceRates        ExitRates         PageValues        SpecialDay
##  Min.   :0.00000   Min.   :0.00000   Min.   :  0.000   Min.   :0.00000
##  1st Qu.:0.00000   1st Qu.:0.01422   1st Qu.:  0.000   1st Qu.:0.00000
##  Median :0.00293   Median :0.02500   Median :  0.000   Median :0.00000
##  Mean   :0.02045   Mean   :0.04150   Mean   :  5.952   Mean   :0.06197
##  3rd Qu.:0.01667   3rd Qu.:0.04848   3rd Qu.:  0.000   3rd Qu.:0.00000
##  Max.   :0.20000   Max.   :0.20000   Max.   :361.764   Max.   :1.00000
##
##      Month      OperatingSystems    Browser         Region      TrafficType
##  May    :3328   2      :6536     2      :7878   1      :4711   2      :3907
##  Nov    :2983   1      :2548     1      :2426   3      :2382   1      :2383
##  Mar    :1853   3      :2530     4      : 730   4      :1168   3      :2017
##  Dec    :1706   4      : 478     5      : 466   2      :1127   4      :1066
##  Oct    : 549   8      :  75     6      : 174   6      : 800   13     : 728
##  Sep    : 448   6      :  19     10     : 163   7      : 758   10     : 450
##  (Other):1332   (Other):  13     (Other): 362   (Other):1253   (Other):1648
##             VisitorType     Weekend      Revenue
##  New_Visitor      : 1693   FALSE:9343   FALSE:10291
##  Other            :   81   TRUE :2856   TRUE : 1908
##  Returning_Visitor:10425
##
##
##
##
```

The above output shows the minimum, maximum, median, mean, 1st and 3rd quantile of each column.

We'll now get the mode of our columns by creating a function to calculate the mode.

```r
#Getting the mode
#Creating a function to calculate the mode
getmode <- function(v){
  uniqv <- unique(v)
  uniqv[which.max(tabulate(match(v,uniqv)))]
}
#Getting the mode of each continous variable
getmode(df3$Administrative)
```

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

```r
getmode(df3$Administrative_Duration)
```

```
## [1] 0.0002941393
```

```r
getmode(df3$Informational)
```

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

```r
getmode(df3$Informational_Duration)
```

```
## [1] 0.0003920992
```

```r
getmode(df3$ProductRelated)
```

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

```r
getmode(df3$ProductRelated_Duration)
```

```
## [1] 1.563122e-05
```

```r
getmode(df3$BounceRates)
```

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

```r
getmode(df3$ExitRates)
```

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

```r
getmode(df3$PageValues)
```

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

```r
getmode(df3$SpecialDay)
```

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

The above output is the mode of each numerical column. The mode of most numerical columns is 0 except the Duration(time spent on each site), Exit Rates which has a mode of 0.2 and the Product Related which has a mode of 1.

This implies that most of the visitors did not visit different types of pages during a session hence the total time spent on these pages is 0 except for the product related page.

Majority percentage of the visitors who enter the site then they exit the website to a different website is 0.2 i.e. the majority exit rate is 0.2

ii.) Measures of Dispersion

```r
#Finding the Range of numerical variables
range(df3$Administrative, na.rm=TRUE)
```

```
## [1]  0 27
```

```r
max(df3$Administrative, na.rm=TRUE) - min(df3$Administrative, na.rm=TRUE)
```

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

```r
range(df3$Administrative_Duration, na.rm=TRUE)
```

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

```r
max(df3$Administrative_Duration, na.rm=TRUE) - min(df3$Administrative_Duration, na.rm=TRUE)
```

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

```r
range(df3$Informational, na.rm=TRUE)
```

```
## [1]  0 24
```

```r
max(df3$Informational, na.rm=TRUE) - min(df3$Informational, na.rm=TRUE)
```

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

```r
range(df3$Informational_Duration, na.rm=TRUE)
```

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

```r
max(df3$Informational_Duration, na.rm=TRUE) - min(df3$Informational_Duration, na.rm=TRUE)
```

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

```r
range(df3$ProductRelated, na.rm=TRUE)
```

```
## [1]   0 705
```

```r
max(df3$ProductRelated, na.rm=TRUE) - min(df3$ProductRelated, na.rm=TRUE)
```

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

```r
range(df3$ProductRelated_Duration, na.rm=TRUE)
```

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

```r
max(df3$ProductRelated_Duration, na.rm=TRUE) - min(df3$ProductRelated_Duration, na.rm=TRUE)
```

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

```r
range(df3$BounceRates, na.rm=TRUE)
```

```
## [1] 0.0 0.2
```

```r
max(df3$BounceRates, na.rm=TRUE) - min(df3$BounceRates, na.rm=TRUE)
```

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

```r
range(df3$ExitRates, na.rm=TRUE)
```

```
## [1] 0.0 0.2
```

```r
max(df3$ExitRates, na.rm=TRUE) - min(df3$ExitRates, na.rm=TRUE)
```

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

```r
range(df3$PageValues, na.rm=TRUE)
```

```
## [1]   0.0000 361.7637
```

```r
max(df3$PageValues, na.rm=TRUE) - min(df3$PageValues, na.rm=TRUE)
```

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

```r
range(df3$SpecialDay, na.rm=TRUE)
```

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

```r
max(df3$SpecialDay, na.rm=TRUE) - min(df3$SpecialDay, na.rm=TRUE)
```

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

The range of each numerical value is as listed below:

- Administrative is 27 with a maximum of 27 and minimum of 0.
- Administrative Duration is 1 with a maximum of 1 and minimum of 0.
- Informational is 24 with a maximum of 24 and minimum of 0.
- Informational Duration 1 is with a maximum of 1 and minimum of 0.
- Product Related is 705 with a maximum of 705 and minimum of 0.

- Product Related Duration is 1 with a maximum of 1 and minimum of 0.
- Bounce Rates is 0.2 with a maximum of 0.2 and minimum of 0.0.
- Exit Rates is 0.2 with a maximum of 0.0 and minimum of 0.2.
- Page Values is 361.7637 with a maximum of 361.7637 and minimum of 0.
- Special Day is 1 with a maximum of 0 and minimum of 1.

```r
#Finding the Interquartile Range
quantile(df3$Administrative, na.rm=TRUE)
```

```
##   0%  25%  50%  75% 100%
##    0    0    1    4   27
```

```r
quantile(df3$Administrative_Duration, na.rm=TRUE)
```

```
##           0%          25%          50%          75%         100%
## 0.0000000000 0.0002941393 0.0029413927 0.0281638356 1.0000000000
```

```r
quantile(df3$Informational, na.rm=TRUE)
```

```
##   0%  25%  50%  75% 100%
##    0    0    0    0   24
```

```r
quantile(df3$Informational_Duration, na.rm=TRUE)
```

```
##           0%          25%          50%          75%         100%
## 0.0000000000 0.0003920992 0.0003920992 0.0003920992 1.0000000000
```

```r
quantile(df3$ProductRelated, na.rm=TRUE)
```

```
##   0%  25%  50%  75% 100%
##    0    8   18   38  705
```

```r
quantile(df3$ProductRelated_Duration, na.rm=TRUE)
```

```
##          0%         25%         50%         75%        100%
## 0.000000000 0.003041575 0.009543513 0.023111775 1.000000000
```

```r
quantile(df3$BounceRates, na.rm=TRUE)
```

```
##          0%         25%         50%         75%        100%
## 0.000000000 0.000000000 0.002930403 0.016666667 0.200000000
```

```r
quantile(df3$ExitRates, na.rm=TRUE)
```

```
##         0%        25%        50%        75%       100%
## 0.00000000 0.01422258 0.02500000 0.04848485 0.20000000
```

```r
quantile(df3$PageValues, na.rm=TRUE)
```

```
##       0%      25%      50%      75%     100%
##   0.0000   0.0000   0.0000   0.0000 361.7637
```

```r
quantile(df3$SpecialDay, na.rm=TRUE)
```

```
##   0%  25%  50%  75% 100%
##    0    0    0    0    1
```

The above output gives the quantiles of each of the numeric columns.

```r
#Finding the Standard Deviation
sd(df3$Administrative, na.rm=TRUE)
```

```
## [1] 3.330851
```

```r
sd(df3$Administrative_Duration, na.rm=TRUE)
```

```
## [1] 0.05221801
```

```r
sd(df3$Informational, na.rm=TRUE)
```

```
## [1] 1.275817
```

```r
sd(df3$Informational_Duration, na.rm=TRUE)
```

```
## [1] 0.05546576
```

```r
sd(df3$ProductRelated, na.rm=TRUE)
```

```
## [1] 44.60091
```

```r
sd(df3$ProductRelated_Duration, na.rm=TRUE)
```

```
## [1] 0.03001081
```

```r
sd(df3$BounceRates, na.rm=TRUE)
```

```
## [1] 0.0454025
```

```r
sd(df3$ExitRates, na.rm=TRUE)
```

```
## [1] 0.04624716
```

```r
sd(df3$PageValues, na.rm=TRUE)
```

```
## [1] 18.65779
```

```r
sd(df3$SpecialDay, na.rm=TRUE)
```

```
## [1] 0.1997106
```

```r
#Finding the Variance
var(df3$Administrative, na.rm=TRUE)
```

```
## [1] 11.09457
```

```r
var(df3$Administrative_Duration, na.rm=TRUE)
```

```
## [1] 0.00272672
```

```r
var(df3$Informational, na.rm=TRUE)
```

```
## [1] 1.62771
```

```r
var(df3$Informational_Duration, na.rm=TRUE)
```

```
## [1] 0.003076451
```

```r
var(df3$ProductRelated, na.rm=TRUE)
```

```
## [1] 1989.241
```

```r
var(df3$ProductRelated_Duration, na.rm=TRUE)
```

```
## [1] 0.0009006489
```

```r
var(df3$BounceRates, na.rm=TRUE)
```

```
## [1] 0.002061387
```

```r
var(df3$ExitRates, na.rm=TRUE)
```

```
## [1] 0.0021388
```

```r
var(df3$PageValues, na.rm=TRUE)
```

```
## [1] 348.1132
```

```r
var(df3$SpecialDay, na.rm=TRUE)
```

```
## [1] 0.03988432
```

```r
#Finding the Skewness
skewness(df3$Administrative, na.rm=TRUE)
```

```
## [1] 1.946248
```

```r
skewness(df3$Administrative_Duration, na.rm=TRUE)
```

```
## [1] 5.59021
```

```r
skewness(df3$Informational, na.rm=TRUE)
```

```
## [1] 4.013451
```

```r
skewness(df3$Informational_Duration, na.rm=TRUE)
```

```
## [1] 7.537435
```

```r
skewness(df3$ProductRelated, na.rm=TRUE)
```

```
## [1] 4.332134
```

```r
skewness(df3$ProductRelated_Duration, na.rm=TRUE)
```

```
## [1] 7.251403
```

```r
skewness(df3$BounceRates, na.rm=TRUE)
```

```
## [1] 3.152874
```

```r
skewness(df3$ExitRates, na.rm=TRUE)
```

```
## [1] 2.233125
```

```r
skewness(df3$PageValues, na.rm=TRUE)
```

```
## [1] 6.348663
```

```r
skewness(df3$SpecialDay, na.rm=TRUE)
```

```
## [1] 3.284481
```

```r
#Finding the Kurtosis
kurtosis(df3$Administrative, na.rm=TRUE)
```

```
## [1] 7.636106
```

```r
kurtosis(df3$Administrative_Duration, na.rm=TRUE)
```

```
## [1] 53.09389
```

```r
kurtosis(df3$Informational, na.rm=TRUE)
```

```
## [1] 29.64254
```

```r
kurtosis(df3$Informational_Duration, na.rm=TRUE)
```

```
## [1] 78.46409
```

```r
kurtosis(df3$ProductRelated, na.rm=TRUE)
```

```
## [1] 34.04903
```

```r
kurtosis(df3$ProductRelated_Duration, na.rm=TRUE)
```

```
## [1] 139.5908
```

```r
kurtosis(df3$BounceRates, na.rm=TRUE)
```

```
## [1] 12.25506
```

```r
kurtosis(df3$ExitRates, na.rm=TRUE)
```

```
## [1] 7.624252
```

```r
kurtosis(df3$PageValues, na.rm=TRUE)
```

```
## [1] 67.94031
```

```r
kurtosis(df3$SpecialDay, na.rm=TRUE)
```

```
## [1] 12.78605
```

- The standard deviation, variance, skewness and kurtosis of each numeric variable is as listed in the above outputs.
- All the numeric variables are positively skewed implying their mean is greater than their mode.
- The kurtosis of each of the numeric variable is greater than zero. This implies that our dataframe has outliers as we had seen in the boxplots plotted. The ProductRelated_Duration has a very high kurtosis implying that this column is heavy without outliers.

iii.) Histograms

We'll plot histograms of each of the numerical data types to see their distribution.

```
#Plotting a histogram for the first 6 numerical variables
par(mfrow=c(3,3))
hist(df$Administrative, main = "Histogram of Administrative", xlab = "Administrative" ,col = "darkblue")
hist(df$Administrative_Duration, main = "Histogram of Administrative Duration", xlab = "Administrative D
hist(df$Informational, main = "Histogram of Informational", xlab = "Informational", col = "violet")
hist(df$Informational_Duration, main = "Histogram of Informational Duration", xlab = "Informational Dura
hist(df$ProductRelated, main = "Histogram of Product Related", xlab = "Product Related", col = "green")
hist(df$ProductRelated_Duration, main = "Histogram of Product Related Duration", xlab = "Product Relate
```

```
#Plotting a histogram for the remaining numerical variables
par(mfrow=c(2,2))
hist(df$BounceRates, main = "Histogram of Bounce Rates", xlab = "Bounce Rates" ,col = "chocolate4")
hist(df$ExitRates, main = "Histogram of Exit Rates", xlab = "Exit Rates", col = "tomato")
hist(df$PageValues, main = "Histogram of Page Values", xlab = "Page Values", col = "sienna1")
hist(df$SpecialDay, main = "Histogram of Special Days", xlab = "Special Day", col = "orange")
```

All the numerical variables are rightly skewed showing instances of unimodal distribution in our dataset.

iv.) Barplots

We'll plot barplots of each of the categorical data types to see their distribution as well.

```
#Plotting a barplot for the first four categorical variables
par(mfrow=c(2,2))
barplot(sort(table(df3$Month),decreasing=T))
barplot(sort(table(df3$OperatingSystems),decreasing=T))
barplot(sort(table(df3$Browser),decreasing=T))
barplot(sort(table(df3$Region),decreasing=T))
```

```r
#Plotting a barplot for the remaining categorical variables
par(mfrow=c(2,2))
barplot(sort(table(df3$TrafficType),decreasing=T))
barplot(sort(table(df3$VisitorType),decreasing=T))
barplot(sort(table(df3$Weekend),decreasing=T))
barplot(sort(table(df3$Revenue),decreasing=T))
```

* Majority of the data is from May, uses operating system 2, browser 2, traffic type 2, are returning visitors to the site and do not give revenue.

b.) Bivariate Analysis

i.) Boxplots

We'll plot boxplots to visualize how each variable contribute to the revenue of the brand.

```
#Plotting boxplots
par(mfrow=c(3,2))
plot(Administrative ~ Revenue , data = df3, col="darkblue")
plot(Administrative_Duration ~ Revenue , data = df3, col="darkblue")
plot(Informational ~ Revenue , data = df3, col="darkblue")
plot(Informational_Duration ~ Revenue , data = df3, col="darkblue")
plot(ProductRelated ~ Revenue , data = df3, col="darkblue")
plot(ProductRelated_Duration ~ Revenue , data = df3, col="darkblue")
```

```
par(mfrow=c(2,2))
plot(BounceRates ~ Revenue , data = df3, col="darkblue")
plot(ExitRates ~ Revenue , data = df3, col="darkblue")
plot(PageValues ~ Revenue , data = df3, col="darkblue")
plot(SpecialDay ~ Revenue , data = df3, col="darkblue")
```

```r
#Plotting boxplots
par(mfrow=c(2,2))
plot(Month ~ Revenue , data = df3, col="darkblue")
plot(OperatingSystems ~ Revenue , data = df3, col="darkblue")
plot(Browser ~ Revenue , data = df3, col="darkblue")
plot(Region ~ Revenue , data = df3, col="darkblue")
```

```
par(mfrow=c(3,2))
plot(TrafficType ~ Revenue , data = df3, col="darkblue")
plot(VisitorType ~ Revenue , data = df3, col="darkblue")
plot(Weekend ~ Revenue , data = df3, col="darkblue")
```

Majority of the variables do not contribute to the revenue as much, most have false in their revenues.

ii.) Barplots

We'll plot bar plots to visualize how the numeric variables are distributed amongst the months.

```
library(ggplot2)
ggplot(data = df3, aes(x = Month, y = Administrative)) + geom_col(aes(fill = Month))
```

```
library(ggplot2)
ggplot(data = df3, aes(x = Month, y = Informational)) + geom_col(aes(fill = Month))
```

```
library(ggplot2)
ggplot(data = df3, aes(x = Month, y = ProductRelated)) + geom_col(aes(fill = Month))
```

The month of November seems to be the month where most Numeric variables are distributed. This is followed by May and February is the least.

iii.) Correlation

The correlation of each numeric variable will help in understanding the association of these random variables.

```
correlation <- round(cor(select_if(df3, is.numeric)), 2)
head(correlation)
```

```
##                         Administrative Administrative_Duration Informational
## Administrative                    1.00                    0.60          0.38
## Administrative_Duration           0.60                    1.00          0.30
## Informational                     0.38                    0.30          1.00
## Informational_Duration            0.25                    0.24          0.62
## ProductRelated                    0.43                    0.29          0.37
## ProductRelated_Duration           0.37                    0.35          0.39
##                         Informational_Duration ProductRelated
## Administrative                            0.25           0.43
## Administrative_Duration                   0.24           0.29
## Informational                             0.62           0.37
## Informational_Duration                    1.00           0.28
## ProductRelated                            0.28           1.00
## ProductRelated_Duration                   0.35           0.86
##                         ProductRelated_Duration BounceRates ExitRates
## Administrative                             0.37       -0.21     -0.31
```

```
## Administrative_Duration                    0.35       -0.14     -0.20
## Informational                              0.39       -0.11     -0.16
## Informational_Duration                     0.35       -0.07     -0.10
## ProductRelated                             0.86       -0.19     -0.29
## ProductRelated_Duration                    1.00       -0.17     -0.25
##                          PageValues SpecialDay
## Administrative                0.10      -0.10
## Administrative_Duration       0.07      -0.07
## Informational                 0.05      -0.05
## Informational_Duration        0.03      -0.03
## ProductRelated                0.05      -0.03
## ProductRelated_Duration       0.05      -0.04
```

Most variables are positively correlated with each other excpet the Bounce Rates and Special Day hich are negatively correlated with all the oter variables.

We'll plot a heatmap to visualize the correlation matrix of our numeric variables.

```
ggcorrplot(correlation, hc.order = T)
```

9. Implementing the Solution

Here we'll perform clustering stating insights drawn from your analysis and visualizations.

Upon implementation, we'll provide comparisons between the approaches i.e. K-Means clustering vs Hierarchical clustering highlighting the strengths and limitations of each approach in the context of our analysis.

We'll first encode categorical features before modelling our data.

a.) Encoding categorical variables

We'll encode our categorical variables using one-hot (dummy) encoding which is applied to the features, creating a binary column for each category level and returning a sparse matrix. In each dummy variable, the label "1" will represent the existence of the level in the variable, while the label "0" will represent its non-existence.

```
library(caret)
```

```
## Loading required package: lattice
```

```
##
## Attaching package: 'caret'
```

```
## The following object is masked from 'package:purrr':
##
##     lift
```

```
df3.new<- df3[,c(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17)]
df3.class<- df3[,"Revenue"]
#creating a full set of dummy variables.
dmy <- dummyVars(" ~ .", data = df3.new, fullRank = T)
df4 <- data.frame(predict(dmy, newdata = df3.new))
 #Viewing the structure of our now encoded dataset
str(df4)
```

```
## 'data.frame':    12199 obs. of  68 variables:
##  $ Administrative               : num  0 0 0 0 0 0 0 1 0 0 ...
##  $ Administrative_Duration      : num  0.000294 0.000294 0 0.000294 0.000294 ...
##  $ Informational                : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Informational_Duration       : num  0.000392 0.000392 0 0.000392 0.000392 ...
##  $ ProductRelated               : num  1 2 1 2 10 19 1 1 2 3 ...
##  $ ProductRelated_Duration      : num  1.56e-05 1.02e-03 0.00 5.73e-05 9.82e-03 ...
##  $ BounceRates                  : num  0.2 0 0.2 0.05 0.02 ...
##  $ ExitRates                    : num  0.2 0.1 0.2 0.14 0.05 ...
##  $ PageValues                   : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ SpecialDay                   : num  0 0 0 0 0 0 0.4 0 0.8 0.4 ...
##  $ Month.Dec                    : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Month.Feb                    : num  1 1 1 1 1 1 1 1 1 1 ...
##  $ Month.Jul                    : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Month.June                   : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Month.Mar                    : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Month.May                    : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Month.Nov                    : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Month.Oct                    : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Month.Sep                    : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ OperatingSystems.2           : num  0 1 0 0 0 1 1 0 1 1 ...
##  $ OperatingSystems.3           : num  0 0 0 1 1 0 0 0 0 0 ...
##  $ OperatingSystems.4           : num  0 0 1 0 0 0 0 0 0 0 ...
```

```
##  $ OperatingSystems.5           : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ OperatingSystems.6           : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ OperatingSystems.7           : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ OperatingSystems.8           : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Browser.2                    : num  0 1 0 1 0 1 0 1 1 0 ...
##  $ Browser.3                    : num  0 0 0 0 1 0 0 0 0 0 ...
##  $ Browser.4                    : num  0 0 0 0 0 0 1 0 0 1 ...
##  $ Browser.5                    : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Browser.6                    : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Browser.7                    : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Browser.8                    : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Browser.9                    : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Browser.10                   : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Browser.11                   : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Browser.12                   : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Browser.13                   : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Region.2                     : num  0 0 0 1 0 0 0 0 1 0 ...
##  $ Region.3                     : num  0 0 0 0 0 0 1 0 0 0 ...
##  $ Region.4                     : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Region.5                     : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Region.6                     : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Region.7                     : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Region.8                     : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ Region.9                     : num  0 0 1 0 0 0 0 0 0 0 ...
##  $ TrafficType.2                : num  0 1 0 0 0 0 0 0 0 1 ...
##  $ TrafficType.3                : num  0 0 1 0 0 1 1 0 1 0 ...
##  $ TrafficType.4                : num  0 0 0 1 1 0 0 0 0 0 ...
##  $ TrafficType.5                : num  0 0 0 0 0 0 0 1 0 0 ...
##  $ TrafficType.6                : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.7                : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.8                : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.9                : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.10               : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.11               : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.12               : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.13               : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.14               : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.15               : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.16               : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.17               : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.18               : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.19               : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ TrafficType.20               : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ VisitorType.Other            : num  0 0 0 0 0 0 0 0 0 0 ...
##  $ VisitorType.Returning_Visitor: num  1 1 1 1 1 1 1 1 1 1 ...
##  $ Weekend.TRUE                 : num  0 0 0 0 1 0 0 1 0 0 ...
```

b.) K-Means Clustering

Here, we'll perform K-Means clustering but before that we'll first find the optimal number of clusters to sue in our clustering

```r
#Finding the optimal number of clusters using the Average Silhouette Method
library(cluster)
library(factoextra)
```

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

```r
fviz_nbclust(df4, kmeans, method = "silhouette")
```

2 is the optimal number of clusters, therefore, we'll use 2 as our k.

```r
#Computing k-means with k = 2
set.seed(123)
result <- kmeans(df4, 2)
#Previewing the no. of records in each cluster
result$size
```

```
## [1] 11211   988
```

```r
# Getting the value of cluster center datapoint value(2 centers for k=2)
result$centers
```

```
##   Administrative Administrative_Duration Informational Informational_Duration
## 1       2.022032              0.02145295     0.3991615             0.01074667
## 2       5.948381              0.05685366     1.7530364             0.05155554
```

```
##   ProductRelated ProductRelated_Duration BounceRates  ExitRates PageValues
## 1       21.89912               0.0132176 0.021728309 0.04352682   5.843768
## 2      147.33806               0.0832613 0.005904499 0.01846159   7.186305
##   SpecialDay Month.Dec   Month.Feb  Month.Jul Month.June  Month.Mar Month.May
## 1 0.06313442 0.1422710 0.016055660 0.03434127 0.02274552 0.16251895 0.2820444
## 2 0.04878543 0.1123482 0.002024291 0.04757085 0.03036437 0.03137652 0.1680162
##   Month.Nov  Month.Oct  Month.Sep OperatingSystems.2 OperatingSystems.3
## 1 0.2237981 0.04513424 0.03710641          0.5223441          0.2117563
## 2 0.4797571 0.04352227 0.03238866          0.6882591          0.1578947
##   OperatingSystems.4 OperatingSystems.5 OperatingSystems.6 OperatingSystems.7
## 1         0.03906877       0.0005351887        0.001605566       0.0006243868
## 2         0.04048583       0.0000000000        0.001012146       0.0000000000
##   OperatingSystems.8 Browser.2   Browser.3  Browser.4  Browser.5  Browser.6
## 1        0.006600660 0.6345553 0.009276603 0.06074391 0.03844438 0.01462849
## 2        0.001012146 0.7732794 0.001012146 0.04959514 0.03542510 0.01012146
##     Browser.7   Browser.8    Browser.9 Browser.10   Browser.11   Browser.12
## 1 0.004103113 0.011952547 8.919811e-05 0.01329052 0.0005351887 0.0008919811
## 2 0.003036437 0.001012146 0.000000e+00 0.01417004 0.0000000000 0.0000000000
##    Browser.13   Region.2  Region.3   Region.4   Region.5   Region.6   Region.7
## 1 0.004905896 0.09347962 0.1958790 0.09606636 0.02622424 0.06743377 0.06279547
## 2 0.001012146 0.07995951 0.1882591 0.09210526 0.02327935 0.04453441 0.05465587
##     Region.8   Region.9 TrafficType.2 TrafficType.3 TrafficType.4 TrafficType.5
## 1 0.03585764 0.04192311     0.3119258     0.1691196    0.09026849    0.02256712
## 2 0.02935223 0.03542510     0.4149798     0.1224696    0.05465587    0.00708502
##   TrafficType.6 TrafficType.7 TrafficType.8 TrafficType.9 TrafficType.10
## 1    0.03639283   0.003389528    0.02916778   0.003657122     0.03621443
## 2    0.03542510   0.002024291    0.01619433   0.000000000     0.04453441
##   TrafficType.11 TrafficType.12 TrafficType.13 TrafficType.14 TrafficType.15
## 1     0.02096156   8.919811e-05     0.05869236   0.0009811792    0.003121934
## 2     0.01214575   0.000000e+00     0.07085020   0.0020242915    0.001012146
##   TrafficType.16 TrafficType.17 TrafficType.18 TrafficType.19 TrafficType.20
## 1   0.0002675943   8.919811e-05   0.0008919811    0.001427170    0.016769244
## 2   0.0000000000   0.000000e+00   0.0000000000    0.001012146    0.005060729
##   VisitorType.Other VisitorType.Returning_Visitor Weekend.TRUE
## 1       0.007135849                      0.8436357    0.2335206
## 2       0.001012146                      0.9787449    0.2408907
```

```
#Getting the cluster vector that shows the cluster where each record falls
result$cluster
```

```
##     1     2     3     4     5     6     7     8     9    10    11    12    13
##     1     1     1     1     1     1     1     1     1     1     1     1     1
##    14    15    16    17    18    19    20    21    22    23    24    25    26
##     1     1     1     1     1     1     1     1     1     1     1     1     1
##    27    28    29    30    31    32    33    34    35    36    37    38    39
##     1     1     1     1     1     1     1     1     1     1     1     1     1
##    40    41    42    43    44    45    46    47    48    49    50    51    52
##     1     1     1     1     1     1     1     1     1     1     1     1     1
##    53    54    55    56    57    58    59    60    61    62    63    64    65
##     1     1     1     1     1     1     1     1     1     1     1     1     1
##    66    67    68    69    70    71    72    73    74    75    76    77    78
##     1     2     1     1     1     1     1     1     1     1     1     1     1
##    79    80    81    82    83    84    85    86    87    88    89    90    91
##     1     1     1     1     1     1     1     1     1     1     1     1     1
```

```
##  92  93  94  95  96  97  98  99 100 101 102 103 104
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 105 106 107 108 109 110 111 112 113 114 115 116 117
##   1   1   1   1   1   2   1   1   1   1   1   1   1
## 118 119 120 121 122 123 124 125 126 127 128 129 130
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 131 132 133 134 135 136 137 138 139 140 141 142 143
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 144 145 146 147 148 149 150 151 152 153 154 155 156
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 157 158 160 161 162 163 164 165 166 167 168 169 170
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 171 172 173 174 175 176 177 178 180 181 182 183 184
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 185 186 187 188 189 190 191 192 193 194 195 196 197
##   1   1   1   2   1   1   1   1   1   1   1   2   1
## 198 199 200 201 202 203 204 205 206 207 208 209 210
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 211 212 213 214 215 216 217 218 219 220 221 222 223
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 224 225 226 227 228 229 230 231 232 233 234 235 236
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 237 238 239 240 241 242 243 244 245 246 247 248 249
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 250 251 252 253 254 255 256 257 258 259 260 261 262
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 263 264 265 266 267 268 269 270 271 272 273 274 275
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 276 277 278 279 280 281 282 283 284 285 286 287 288
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 289 290 291 292 293 294 295 296 297 298 299 300 301
##   2   1   1   1   1   1   1   1   1   1   1   1   1
## 302 303 304 305 306 307 308 309 310 311 312 313 314
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 315 316 317 318 319 320 321 322 323 324 325 326 327
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 328 329 330 331 332 333 334 335 336 337 338 339 340
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 341 342 343 344 345 346 347 348 349 350 351 352 353
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 354 355 356 357 358 359 360 361 362 363 364 365 366
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 367 368 369 370 371 372 373 374 375 376 377 378 379
##   1   2   1   1   1   1   1   1   1   1   1   1   1
## 380 381 382 383 384 385 386 387 388 389 390 391 392
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 393 394 395 396 397 398 399 400 401 402 403 404 405
##   1   1   1   1   1   2   1   1   1   1   1   1   1
## 406 407 408 409 410 411 412 413 414 415 416 417 418
##   1   1   1   1   1   1   1   1   1   1   1   1   1
## 420 421 422 423 424 425 426 427 428 429 430 431 432
##   1   1   1   1   1   2   1   1   1   1   1   1   1
## 433 434 435 436 437 438 439 440 441 442 443 444 445
##   1   1   1   1   1   1   1   1   1   1   1   1   1
```

```
##  446  447  448  449  450  451  452  453  454  455  456  458  459
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  460  461  462  463  464  465  466  467  468  469  470  471  472
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  473  474  475  476  477  478  479  480  481  482  483  485  486
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  487  488  489  490  491  492  493  494  495  496  497  498  499
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  500  501  502  503  504  505  506  507  508  509  510  511  512
##    1    1    1    1    1    1    1    1    1    1    1    2    1
##  514  515  516  517  518  519  520  521  522  523  524  525  526
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  527  528  529  530  531  532  533  534  535  536  537  538  539
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  540  541  542  543  544  545  546  547  548  549  550  551  552
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  553  554  556  557  558  559  560  561  562  563  564  565  566
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  567  568  569  570  571  572  573  574  575  576  577  578  579
##    1    1    1    1    1    1    1    1    1    2    1    1    1
##  580  581  582  583  584  585  586  587  588  589  591  592  593
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  594  595  596  597  598  599  600  601  602  603  604  605  606
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  607  608  609  610  611  612  613  614  615  616  617  618  619
##    1    1    1    1    1    2    1    1    1    1    1    1    1
##  620  621  622  623  624  625  626  627  628  629  630  631  632
##    2    1    1    1    1    1    1    1    1    1    1    1    1
##  633  634  635  636  637  638  639  640  641  642  643  644  645
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  646  647  648  649  650  651  652  653  654  655  656  657  658
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  659  661  662  663  664  665  666  667  668  669  670  671  672
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  673  674  675  676  677  678  679  680  681  682  683  684  685
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  686  687  688  689  690  691  692  693  694  695  696  697  698
##    1    1    1    1    1    1    1    1    1    1    1    2    1
##  699  700  701  702  703  704  705  706  707  708  709  710  711
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  712  713  714  715  716  717  718  719  720  721  722  723  724
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  725  726  727  728  729  730  731  732  733  734  735  736  737
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  738  739  740  741  742  743  744  745  746  747  748  749  750
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  751  752  753  754  755  756  757  758  759  760  761  762  763
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  764  765  766  767  768  769  770  771  772  773  774  776  777
##    1    1    1    1    1    1    2    1    1    1    1    1    1
##  778  779  780  781  782  783  784  785  786  787  788  789  790
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  791  792  793  794  795  796  797  798  799  800  801  802  803
##    1    1    1    1    1    1    1    1    1    2    1    1    1
```

```
##  804  805  806  807  808  809  810  811  812  813  814  815  816
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  817  818  819  820  821  822  823  824  825  826  827  828  829
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  830  831  832  833  834  835  836  837  838  839  840  841  842
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  843  844  845  846  847  848  849  850  851  852  853  854  855
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  856  857  858  859  860  861  862  863  864  865  866  867  868
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  869  870  871  872  874  875  876  877  878  879  880  881  882
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  883  884  885  886  887  888  889  891  892  893  894  895  896
##    1    1    2    1    1    1    1    1    1    1    1    1    1
##  897  898  899  900  901  902  903  904  905  906  907  908  909
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  910  911  912  913  914  915  916  917  918  919  920  921  922
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  924  925  926  927  928  929  930  931  932  933  934  935  936
##    1    2    1    1    1    1    1    1    1    1    1    1    1
##  937  938  939  940  941  942  943  944  945  946  947  949  950
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  951  952  953  954  955  956  957  958  959  960  961  962  963
##    1    1    2    1    1    1    1    1    1    1    1    1    1
##  964  965  966  967  968  969  970  971  972  973  974  976  977
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  978  979  980  981  982  983  984  985  986  987  988  989  990
##    1    1    2    1    1    1    1    1    1    1    1    1    1
##  991  992  993  994  995  996  997  998  999 1000 1001 1002 1003
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1030 1031 1032 1033 1034 1036 1037 1038 1039 1040 1041 1042 1043
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1057 1058 1059 1060 1061 1062 1063 1064 1065 1067 1068 1069 1070
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109
##    1    1    1    1    1    1    2    1    1    1    1    1    1
## 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1121 1122 1123
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1124 1125 1126 1127 1128 1129 1130 1131 1132 1138 1139 1140 1141
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154
##    1    1    1    1    1    2    1    1    1    1    1    1    1
## 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167
##    1    1    1    1    1    1    1    1    1    1    1    1    1
```

```
## 1168 1169 1170 1172 1173 1174 1175 1176 1178 1179 1180 1181 1182
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1209 1210 1211 1212 1213 1216 1217 1218 1219 1220 1221 1222 1223
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234 1235 1236
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1287 1288
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1289 1290 1291 1293 1294 1295 1296 1297 1298 1299 1300 1301 1302
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1327 1328 1329
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1356 1358 1359 1360 1361 1362 1363 1364 1365 1366 1368 1369 1370
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1383 1384
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1385 1386 1387 1388 1389 1390 1392 1393 1394 1396 1397 1398 1399
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1438 1439
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1440 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1453 1455 1456 1457 1458 1459 1460 1461 1462 1463 1464 1465 1466
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1467 1468 1469 1470 1471 1472 1473 1478 1479 1480 1481 1482 1483
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1484 1485 1486 1487 1488 1489 1490 1491 1492 1493 1494 1495 1496
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1497 1498 1499 1500 1501 1502 1503 1504 1505 1506 1507 1508 1509
##    1    1    1    2    1    1    1    1    1    1    1    1    1
## 1510 1511 1512 1513 1514 1515 1517 1518 1519 1520 1521 1522 1523
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1524 1525 1526 1527 1528 1529 1530 1531 1532 1533 1534 1535 1536
##    1    1    1    1    1    1    1    1    1    1    1    1    1
```

```
## 1537 1538 1539 1540 1541 1542 1543 1544 1545 1546 1547 1548 1549
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1550 1551 1552 1553 1554 1555 1556 1557 1558 1559 1560 1561 1562
##    1    1    1    1    1    2    1    2    1    1    1    1    1
## 1563 1564 1565 1566 1567 1568 1569 1570 1571 1572 1573 1575 1576
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1577 1578 1579 1580 1581 1582 1583 1584 1585 1586 1587 1588 1589
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1590 1591 1592 1593 1594 1595 1596 1597 1598 1599 1600 1601 1602
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1603 1604 1605 1606 1607 1608 1610 1611 1612 1613 1614 1615 1616
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1617 1618 1619 1620 1621 1622 1623 1624 1625 1626 1627 1628 1629
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1630 1631 1632 1633 1634 1635 1636 1637 1638 1639 1640 1641 1642
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1643 1644 1645 1646 1647 1648 1649 1650 1651 1652 1653 1654 1655
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1656 1657 1658 1659 1660 1661 1662 1663 1664 1665 1666 1667 1668
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1669 1670 1671 1672 1673 1674 1675 1676 1677 1678 1679 1680 1681
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1682 1683 1684 1685 1686 1687 1688 1689 1690 1691 1692 1693 1694
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1695 1696 1697 1699 1700 1701 1702 1703 1704 1705 1706 1707 1708
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1709 1710 1711 1712 1713 1714 1715 1716 1717 1718 1719 1720 1721
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1722 1723 1724 1725 1726 1727 1728 1729 1730 1731 1732 1733 1734
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1735 1736 1737 1738 1739 1740 1741 1742 1743 1744 1745 1746 1747
##    1    1    1    1    1    1    1    1    1    2    1    1    1
## 1748 1749 1750 1751 1752 1753 1754 1755 1756 1757 1758 1759 1760
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1761 1762 1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1774 1775 1777 1778 1779 1780 1781 1782 1783 1784 1785 1786 1787
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1788 1789 1790 1791 1792 1793 1794 1795 1796 1797 1798 1799 1800
##    1    1    1    1    1    1    2    1    1    1    1    1    1
## 1801 1802 1803 1804 1806 1807 1808 1809 1810 1811 1812 1813 1814
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1815 1816 1817 1818 1819 1820 1821 1822 1823 1824 1825 1826 1827
##    1    1    1    1    1    1    1    1    1    1    1    2    1
## 1828 1829 1830 1831 1832 1833 1834 1835 1836 1837 1838 1839 1841
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1842 1843 1844 1845 1846 1847 1848 1849 1850 1851 1852 1853 1854
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1855 1856 1857 1858 1859 1860 1861 1862 1863 1864 1865 1866 1868
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880 1881
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894
##    1    1    1    1    1    1    1    1    1    1    1    1    1
```

```
## 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1921 1922 1923 1924 1925 1927 1928 1929 1930 1931 1932 1933 1935
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1949 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001
##    1    1    1    1    1    1    1    2    1    1    1    1    1
## 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2041 2042 2043
##    1    1    1    1    1    2    1    1    1    1    1    1    1
## 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056
##    1    1    2    1    1    1    1    1    2    1    1    1    1
## 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084
##    1    1    2    1    1    1    1    1    1    1    1    1    1
## 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097
##    1    1    1    1    1    1    1    1    1    2    1    1    2
## 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201
##    1    1    2    1    1    1    1    1    1    1    1    1    1
## 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2228 2229 2230 2231 2232 2233 2234 2235 2237 2238 2239 2240 2241
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254
##    1    1    1    1    1    1    1    1    1    1    1    1    1
```

```
## 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267
##    2    1    2    1    1    1    1    1    2    1    1    1    1
## 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293
##    1    1    1    1    2    1    1    1    1    1    2    1    1
## 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410
##    1    1    1    1    1    1    1    1    1    1    1    2    1
## 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423
##    1    1    1    1    2    2    1    1    1    1    1    1    1
## 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462
##    1    1    1    1    1    1    1    1    2    1    1    1    2
## 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475
##    1    1    2    1    1    1    1    1    1    1    1    1    1
## 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488
##    1    1    1    1    1    1    1    1    1    2    1    1    1
## 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527
##    1    1    1    1    1    1    1    1    1    1    1    2    1
## 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566
##    1    1    1    1    1    1    1    2    1    1    1    2    1
## 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579
##    1    1    2    1    1    1    1    1    1    1    1    1    1
## 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592
##    1    1    1    1    1    1    1    1    1    1    1    2    1
## 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605
##    1    1    1    1    1    1    1    2    1    1    1    1    1
```

```
## 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2619 2620 2621 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658
##    2    1    1    1    1    1    1    1    1    1    1    1    1
## 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736
##    1    1    2    1    1    1    1    1    1    1    1    1    1
## 2737 2738 2739 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2751 2752 2753 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777
##    1    1    1    1    1    1    1    1    1    1    1    1    2
## 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2817 2818 2819 2820 2821 2822 2823 2824 2825 2826 2827 2828 2829
##    1    1    1    1    1    2    1    1    2    2    1    1    1
## 2830 2831 2832 2833 2834 2835 2836 2837 2838 2839 2840 2841 2842
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2843 2844 2845 2846 2847 2848 2849 2850 2851 2852 2853 2854 2855
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2856 2857 2858 2859 2860 2861 2862 2863 2864 2865 2866 2867 2868
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2869 2870 2871 2872 2873 2874 2875 2876 2877 2878 2879 2880 2881
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 2882 2883 2884 2885 2886 2887 2888 2889 2890 2891 2892 2893 2894
##    1    1    1    1    1    2    1    1    1    2    1    1    1
## 2895 2896 2897 2898 2899 2900 2901 2902 2903 2904 2905 2906 2907
##    1    1    1    1    1    1    1    1    2    1    1    1    1
## 2908 2909 2910 2911 2912 2913 2914 2915 2916 2917 2918 2919 2920
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2921 2922 2923 2924 2925 2926 2927 2928 2929 2930 2931 2932 2933
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 2934 2935 2936 2937 2938 2939 2940 2941 2942 2943 2944 2945 2946
##    1    1    1    1    1    1    2    1    2    1    1    1    1
## 2947 2948 2949 2950 2951 2952 2953 2954 2955 2956 2957 2958 2959
##    1    1    1    1    1    1    1    1    1    1    1    1    1
```

```
## 2960 2961 2962 2963 2964 2965 2966 2967 2968 2969 2970 2971 2972
##    1    1    1    1    1    1    1    1    1    1    2    2    1
## 2973 2974 2975 2976 2977 2978 2979 2980 2981 2982 2983 2984 2985
##    1    1    1    1    1    1    1    1    1    1    1    1    2
## 2986 2987 2988 2989 2990 2991 2992 2993 2994 2995 2996 2997 2998
##    1    1    1    2    1    1    1    1    1    1    1    1    1
## 2999 3000 3001 3002 3003 3004 3005 3006 3007 3008 3009 3010 3011
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3012 3013 3014 3015 3016 3017 3018 3019 3020 3021 3022 3023 3024
##    1    1    1    1    1    1    1    1    1    1    2    2    1
## 3025 3026 3027 3028 3029 3030 3031 3032 3033 3034 3035 3036 3037
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3038 3039 3040 3041 3042 3043 3044 3045 3046 3047 3048 3049 3050
##    1    1    1    1    2    1    1    1    1    1    1    1    1
## 3051 3052 3053 3054 3055 3056 3057 3058 3059 3060 3061 3062 3063
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3064 3065 3066 3067 3068 3069 3070 3071 3072 3073 3074 3075 3076
##    1    1    1    1    1    1    1    1    1    1    1    1    2
## 3077 3078 3079 3080 3081 3082 3083 3084 3085 3086 3087 3088 3089
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3090 3091 3092 3093 3094 3095 3096 3097 3098 3099 3100 3101 3102
##    1    1    2    2    1    1    1    1    1    1    1    1    1
## 3103 3104 3105 3106 3107 3108 3109 3110 3111 3112 3113 3114 3115
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3116 3117 3118 3119 3120 3121 3122 3123 3124 3125 3126 3127 3128
##    1    1    1    1    1    1    1    1    1    1    1    1    2
## 3129 3130 3131 3132 3133 3134 3135 3136 3137 3138 3139 3140 3141
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3142 3143 3144 3145 3146 3147 3148 3149 3150 3151 3152 3153 3154
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3155 3156 3157 3158 3159 3160 3161 3162 3163 3164 3165 3166 3167
##    1    1    2    1    1    1    1    1    2    1    2    1    1
## 3168 3169 3170 3171 3172 3173 3174 3175 3176 3177 3178 3179 3180
##    1    1    1    1    1    1    1    1    1    2    1    1    2
## 3181 3182 3183 3184 3185 3186 3187 3188 3189 3190 3191 3192 3193
##    1    1    1    1    1    2    1    1    1    1    1    2    1
## 3194 3195 3196 3197 3198 3199 3200 3201 3202 3203 3204 3205 3206
##    1    1    1    1    1    1    1    2    1    2    1    1    1
## 3207 3208 3209 3210 3211 3212 3213 3214 3215 3216 3217 3218 3219
##    1    1    1    1    1    1    1    1    1    2    1    1    1
## 3220 3221 3222 3223 3224 3225 3226 3227 3228 3229 3230 3231 3233
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3234 3235 3236 3237 3238 3239 3240 3241 3242 3243 3244 3245 3246
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3247 3248 3249 3250 3251 3252 3253 3254 3255 3256 3257 3258 3259
##    1    1    1    1    1    1    1    2    2    1    1    1    1
## 3260 3261 3262 3263 3264 3265 3266 3267 3268 3269 3270 3271 3272
##    1    1    1    1    2    1    1    2    1    1    1    1    1
## 3274 3275 3276 3277 3278 3279 3280 3281 3283 3284 3285 3286 3287
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3288 3289 3290 3291 3292 3293 3294 3295 3296 3297 3298 3299 3300
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3301 3302 3303 3304 3305 3306 3307 3308 3309 3310 3311 3312 3313
##    1    1    1    1    1    1    1    1    2    1    1    1    1
```

```
## 3314 3315 3316 3317 3318 3319 3320 3321 3322 3323 3324 3325 3326
##    2    1    1    1    1    1    1    1    1    1    1    1    1
## 3327 3328 3329 3330 3331 3332 3333 3334 3335 3336 3337 3338 3339
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3340 3341 3342 3343 3344 3345 3346 3347 3348 3349 3350 3351 3352
##    1    1    1    1    1    1    1    1    1    2    1    1    1
## 3353 3354 3355 3356 3357 3358 3359 3360 3361 3362 3363 3364 3365
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3366 3367 3368 3369 3370 3371 3372 3373 3374 3375 3376 3377 3378
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3379 3380 3381 3382 3383 3384 3385 3386 3387 3388 3389 3390 3391
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3392 3393 3394 3395 3396 3397 3398 3399 3400 3401 3402 3403 3404
##    1    1    1    1    1    1    2    1    1    1    1    1    1
## 3405 3406 3407 3408 3409 3410 3411 3412 3413 3414 3415 3416 3417
##    1    2    1    2    1    1    1    1    2    1    1    1    1
## 3418 3419 3420 3421 3422 3423 3424 3425 3426 3427 3428 3429 3430
##    1    1    1    1    2    1    1    1    1    1    1    1    1
## 3431 3432 3433 3434 3435 3436 3437 3438 3439 3440 3441 3442 3443
##    1    1    1    1    1    1    1    1    1    2    1    1    1
## 3444 3445 3446 3447 3448 3449 3450 3451 3452 3453 3454 3455 3456
##    1    1    1    1    1    1    1    1    1    1    2    1    2
## 3457 3458 3459 3460 3461 3462 3463 3464 3465 3466 3467 3468 3469
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3470 3471 3472 3473 3474 3475 3476 3477 3478 3479 3480 3481 3482
##    1    1    1    1    1    1    1    1    1    2    1    1    1
## 3483 3484 3485 3486 3487 3488 3489 3490 3491 3492 3493 3494 3495
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3496 3497 3498 3499 3500 3501 3502 3503 3504 3505 3506 3507 3508
##    1    1    1    1    1    1    1    1    2    1    1    1    1
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##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 3574 3575 3576 3577 3579 3580 3581 3582 3583 3584 3585 3586 3587
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3588 3589 3590 3591 3592 3593 3594 3595 3596 3597 3598 3599 3600
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## 3601 3602 3603 3604 3605 3606 3607 3608 3609 3610 3611 3612 3613
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## 3627 3628 3629 3630 3631 3632 3633 3634 3635 3636 3637 3638 3639
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##    1    1    1    1    1    1    1    1    1    1    1    1    1
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## 3694 3695 3696 3697 3698 3699 3700 3701 3702 3703 3704 3705 3706
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## 3707 3708 3709 3710 3711 3712 3713 3714 3715 3716 3717 3718 3719
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 3720 3721 3723 3724 3725 3726 3727 3728 3729 3730 3731 3732 3733
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## 3734 3735 3736 3737 3738 3739 3740 3741 3742 3743 3744 3745 3746
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## 3747 3748 3749 3750 3751 3752 3753 3754 3755 3756 3757 3758 3759
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## 3760 3761 3762 3763 3764 3765 3766 3767 3768 3769 3770 3771 3772
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## 3825 3826 3827 3828 3829 3830 3831 3832 3833 3834 3835 3836 3837
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## 3969 3970 3971 3972 3973 3974 3975 3976 3977 3978 3979 3980 3981
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## 3982 3983 3984 3985 3986 3987 3988 3989 3990 3991 3992 3993 3994
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```

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## 4047 4048 4049 4050 4051 4052 4053 4054 4055 4056 4057 4058 4059
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##    1    2    1    2    1    1    1    1    1    1    1    1    1
## 4073 4074 4075 4076 4077 4078 4079 4080 4081 4082 4083 4084 4085
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 4086 4087 4088 4089 4090 4091 4092 4093 4094 4095 4096 4097 4098
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##    1    1    1    1    1    1    1    1    1    1    1    1    1
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## 4323 4324 4325 4326 4327 4328 4329 4330 4331 4332 4333 4334 4335
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 4336 4337 4338 4339 4340 4341 4342 4343 4345 4346 4347 4348 4349
##    1    1    1    1    1    1    1    1    1    1    1    1    1
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## 4363 4364 4365 4366 4367 4368 4369 4370 4371 4372 4373 4374 4376
##    1    1    1    1    1    1    1    1    1    1    1    1    1
```

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## 4417 4418 4419 4420 4421 4422 4423 4424 4425 4426 4428 4429 4430
##    1    1    1    2    1    1    1    1    1    1    1    1    1
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## 4457 4458 4459 4460 4461 4462 4463 4465 4466 4467 4468 4469 4470
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##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 4511 4512 4513 4514 4515 4516 4517 4518 4519 4520 4521 4522 4523
##    1    1    1    1    1    1    2    1    1    1    1    2    1
## 4524 4525 4526 4527 4528 4529 4530 4531 4532 4533 4534 4535 4536
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 4537 4538 4539 4540 4541 4542 4543 4544 4545 4546 4547 4548 4549
##    1    1    1    1    2    1    1    1    1    1    1    1    1
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## 4616 4617 4618 4619 4620 4621 4622 4623 4624 4625 4626 4627 4628
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## 4681 4682 4683 4684 4685 4686 4687 4688 4689 4690 4691 4692 4693
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 4694 4695 4696 4697 4698 4699 4700 4701 4702 4703 4704 4705 4706
##    1    1    1    1    1    1    1    2    1    1    1    1    1
## 4707 4708 4709 4710 4711 4712 4713 4714 4715 4716 4717 4718 4719
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 4720 4721 4722 4723 4724 4725 4726 4727 4728 4729 4730 4731 4732
##    1    1    1    1    1    1    1    1    1    1    1    1    1
```

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## 4733 4734 4735 4736 4737 4738 4739 4740 4741 4742 4743 4744 4745
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## 4772 4773 4774 4775 4776 4777 4778 4779 4780 4781 4782 4783 4784
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## 4785 4786 4787 4788 4789 4790 4791 4792 4793 4794 4795 4796 4797
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##    1    1    1    1    1    1    1    1    1    2    2    1    1
## 4825 4826 4827 4828 4829 4830 4831 4832 4833 4834 4835 4836 4837
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##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 4918 4919 4920 4921 4922 4923 4924 4925 4926 4927 4928 4929 4930
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## 4983 4984 4985 4986 4987 4988 4989 4990 4991 4992 4993 4994 4995
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## 5009 5010 5011 5012 5013 5014 5015 5016 5017 5018 5019 5020 5021
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 5022 5023 5024 5025 5026 5027 5028 5029 5030 5031 5032 5033 5034
##    1    1    1    1    1    1    1    2    1    1    1    1    1
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## 5064 5065 5066 5067 5068 5069 5070 5071 5072 5073 5074 5075 5076
##    1    1    1    1    2    1    1    1    1    1    1    1    1
## 5077 5078 5079 5080 5081 5082 5083 5084 5085 5086 5087 5088 5089
##    1    1    1    1    1    2    1    1    1    1    1    1    1
```

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##    1    1    1    1    1    1    1    1    1    1    1    1    1
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##    1    1    1    1    2    1    1    1    1    1    1    1    1
## 5249 5250 5251 5252 5253 5254 5256 5257 5258 5259 5260 5261 5262
##    1    1    1    1    1    2    1    1    1    1    1    1    2
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## 5317 5318 5319 5320 5321 5322 5323 5324 5325 5326 5327 5328 5329
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## 5330 5331 5332 5333 5334 5335 5336 5337 5338 5339 5340 5341 5342
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 5343 5344 5345 5346 5347 5348 5349 5350 5351 5352 5353 5354 5355
##    1    1    1    2    1    1    1    1    1    1    1    1    1
## 5357 5358 5359 5360 5361 5362 5363 5364 5365 5366 5367 5368 5369
##    1    1    1    1    1    1    1    1    1    1    1    1    2
## 5370 5371 5372 5373 5374 5375 5376 5377 5378 5379 5380 5381 5382
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 5383 5384 5385 5386 5387 5388 5389 5390 5391 5392 5393 5394 5395
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 5396 5397 5398 5399 5400 5401 5402 5403 5404 5405 5406 5407 5409
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 5410 5411 5412 5413 5414 5415 5416 5417 5418 5419 5420 5421 5422
##    1    2    1    1    1    1    1    1    1    1    2    1    1
## 5423 5424 5425 5426 5427 5428 5429 5430 5431 5432 5433 5434 5435
##    1    1    1    2    1    1    1    1    1    1    1    1    1
## 5436 5437 5438 5439 5440 5441 5442 5443 5444 5445 5446 5447 5448
##    1    1    1    1    1    1    1    1    1    1    1    1    1
```

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## 5449 5450 5451 5452 5453 5454 5455 5456 5457 5458 5459 5460 5461
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## 5462 5463 5464 5465 5466 5467 5468 5469 5470 5471 5472 5473 5474
##    1    1    1    1    1    1    1    2    1    1    1    1    2
## 5475 5476 5477 5478 5479 5480 5481 5482 5483 5484 5485 5486 5487
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 5488 5489 5490 5491 5492 5493 5494 5495 5496 5497 5498 5499 5500
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 5501 5502 5503 5504 5505 5506 5507 5508 5509 5510 5511 5512 5513
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 5514 5515 5516 5517 5518 5519 5520 5521 5522 5523 5524 5525 5526
##    2    1    1    1    1    1    1    1    1    1    2    1    1
## 5527 5528 5529 5530 5531 5532 5533 5534 5535 5536 5537 5538 5539
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 5540 5541 5542 5543 5544 5545 5546 5547 5548 5549 5550 5551 5552
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 5553 5554 5555 5556 5557 5558 5559 5560 5561 5562 5563 5564 5565
##    1    1    1    2    1    1    1    1    1    1    1    1    1
## 5566 5567 5568 5569 5570 5571 5572 5573 5574 5575 5576 5577 5578
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 5579 5580 5581 5582 5583 5584 5585 5586 5587 5588 5589 5590 5591
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## 5605 5606 5607 5608 5609 5610 5611 5612 5613 5614 5615 5616 5617
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 5618 5619 5620 5621 5622 5623 5624 5625 5626 5627 5628 5629 5630
##    2    1    1    1    1    1    1    1    1    1    1    1    1
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## 5683 5684 5685 5686 5687 5688 5689 5690 5691 5692 5693 5694 5695
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## 5709 5710 5711 5712 5713 5714 5715 5716 5717 5718 5719 5720 5721
##    1    1    1    1    2    1    1    1    1    1    1    1    1
## 5722 5723 5724 5725 5726 5727 5728 5729 5730 5731 5732 5733 5734
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## 5735 5736 5737 5738 5739 5740 5741 5742 5743 5744 5745 5746 5747
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## 5748 5749 5750 5751 5752 5753 5754 5755 5756 5757 5758 5759 5760
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## 5761 5762 5763 5764 5765 5766 5767 5768 5769 5770 5771 5772 5773
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## 5774 5775 5776 5777 5778 5779 5780 5781 5782 5783 5784 5785 5786
##    1    1    1    1    1    1    1    2    1    1    1    1    1
## 5787 5788 5789 5790 5791 5792 5793 5794 5795 5796 5797 5798 5799
##    1    1    1    1    1    1    1    1    1    1    1    1    1
```

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## 5800 5801 5802 5803 5804 5805 5806 5807 5808 5809 5810 5811 5812
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## 5813 5814 5815 5816 5817 5818 5819 5820 5821 5822 5823 5824 5825
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 5826 5827 5828 5829 5830 5831 5832 5833 5834 5835 5836 5837 5838
##    1    1    1    1    2    1    1    1    1    1    1    2    1
## 5839 5840 5841 5842 5843 5844 5845 5846 5847 5848 5849 5850 5851
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## 5878 5879 5880 5881 5882 5883 5884 5885 5886 5887 5888 5889 5890
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## 5891 5892 5893 5894 5895 5896 5897 5898 5899 5900 5901 5902 5903
##    1    2    1    2    1    1    1    1    1    1    1    1    1
## 5904 5905 5906 5907 5908 5909 5910 5911 5912 5913 5914 5915 5916
##    1    1    1    1    1    1    1    1    1    1    1    2    1
## 5917 5918 5919 5920 5921 5922 5923 5924 5925 5926 5927 5928 5929
##    2    2    1    1    1    1    1    1    1    1    1    1    1
## 5930 5931 5932 5933 5934 5935 5936 5937 5938 5939 5940 5941 5942
##    1    1    1    1    1    1    1    1    1    1    1    1    1
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## 5956 5957 5958 5959 5960 5961 5962 5963 5964 5965 5966 5967 5968
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## 5969 5970 5971 5972 5973 5974 5975 5976 5977 5978 5979 5980 5981
##    1    1    1    2    1    1    1    1    1    1    1    1    1
## 5982 5983 5984 5985 5986 5987 5988 5989 5990 5991 5992 5993 5994
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## 5995 5996 5997 5998 5999 6000 6001 6002 6003 6004 6005 6006 6007
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## 6021 6022 6023 6024 6025 6026 6027 6028 6029 6030 6031 6032 6033
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 6034 6035 6036 6037 6038 6039 6040 6041 6042 6043 6044 6045 6046
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## 6073 6074 6075 6076 6077 6078 6079 6080 6081 6082 6083 6084 6085
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## 6086 6087 6088 6089 6090 6091 6092 6093 6094 6095 6096 6097 6098
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 6099 6100 6101 6102 6103 6104 6105 6106 6107 6108 6109 6110 6111
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## 6112 6113 6114 6115 6116 6117 6118 6119 6120 6121 6122 6123 6124
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 6125 6126 6127 6128 6129 6130 6131 6132 6133 6134 6135 6136 6137
##    1    1    1    1    1    1    1    1    1    1    1    1    2
## 6138 6139 6140 6141 6142 6143 6144 6145 6146 6147 6148 6149 6150
##    1    1    1    1    1    1    1    2    2    1    1    1    1
```

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## 6151 6152 6153 6154 6155 6156 6157 6158 6159 6160 6161 6162 6163
##    1    1    2    1    1    1    1    1    1    1    1    2    1
## 6164 6165 6166 6167 6168 6169 6170 6171 6172 6173 6174 6175 6176
##    1    1    2    1    2    1    1    2    1    1    1    1    1
## 6177 6178 6179 6180 6181 6182 6183 6184 6185 6186 6187 6188 6189
##    1    1    1    1    2    1    1    1    1    1    1    1    1
## 6190 6191 6192 6193 6194 6195 6196 6197 6198 6199 6200 6201 6202
##    1    1    1    1    1    2    1    1    2    1    2    1    1
## 6203 6204 6205 6206 6207 6208 6209 6210 6211 6212 6213 6214 6215
##    1    1    1    1    1    1    1    1    2    1    1    1    1
## 6216 6217 6218 6219 6220 6221 6222 6223 6224 6225 6226 6227 6228
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 6229 6230 6231 6232 6233 6234 6235 6236 6237 6238 6239 6240 6241
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 6242 6243 6244 6245 6246 6247 6248 6249 6250 6251 6252 6253 6254
##    2    1    1    1    1    1    1    2    1    1    1    1    1
## 6255 6256 6257 6258 6259 6260 6261 6262 6263 6264 6265 6266 6267
##    1    1    1    1    1    1    1    1    2    1    1    1    1
## 6268 6269 6270 6271 6272 6273 6274 6275 6276 6277 6278 6279 6280
##    1    1    1    1    2    1    1    1    1    1    1    2    1
## 6281 6282 6283 6284 6285 6286 6287 6288 6289 6290 6291 6292 6293
##    1    1    1    1    2    1    1    1    1    1    1    1    1
## 6294 6295 6296 6297 6298 6299 6300 6301 6302 6303 6304 6305 6306
##    1    1    1    2    1    1    1    1    2    1    2    1    1
## 6307 6308 6309 6310 6311 6312 6313 6314 6315 6316 6317 6318 6319
##    1    1    1    1    1    2    1    1    1    1    1    1    1
## 6320 6321 6322 6323 6324 6325 6326 6327 6328 6329 6330 6331 6332
##    1    1    1    2    1    1    1    1    1    1    1    2    1
## 6333 6334 6335 6336 6337 6338 6339 6340 6341 6342 6343 6344 6345
##    1    1    1    2    1    2    1    1    1    1    1    1    1
## 6346 6347 6348 6349 6350 6351 6352 6353 6354 6355 6356 6357 6358
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##    1    1    1    1    2    1    1    1    1    1    1    1    1
## 6372 6373 6374 6375 6376 6377 6378 6379 6380 6381 6382 6383 6384
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 6385 6386 6387 6388 6389 6390 6391 6392 6393 6394 6395 6396 6397
##    1    1    1    1    1    2    1    1    1    1    1    1    1
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##    1    1    1    1    1    1    2    1    1    1    1    1    1
## 6411 6412 6413 6414 6415 6416 6417 6418 6419 6420 6421 6422 6423
##    1    1    1    1    1    1    1    1    1    1    1    2    2
## 6424 6425 6426 6427 6428 6429 6430 6431 6432 6433 6434 6435 6436
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 6437 6438 6439 6440 6441 6442 6443 6444 6445 6446 6447 6448 6449
##    1    1    1    1    1    1    1    2    2    1    1    1    1
## 6450 6451 6452 6453 6454 6455 6456 6457 6458 6459 6460 6461 6462
##    1    1    1    2    1    2    1    1    1    1    1    1    1
## 6463 6464 6465 6466 6467 6468 6469 6470 6471 6472 6473 6474 6475
##    2    1    1    1    1    2    1    1    1    1    1    2    2
## 6476 6477 6478 6479 6480 6481 6482 6483 6484 6485 6486 6487 6488
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 6489 6490 6491 6492 6493 6494 6495 6496 6497 6498 6499 6500 6501
##    2    1    2    1    1    1    1    1    1    1    1    1    1
```

```
## 6502 6503 6504 6505 6506 6507 6508 6509 6510 6511 6512 6513 6514
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## 6515 6516 6517 6518 6519 6520 6521 6522 6523 6524 6525 6526 6527
##    1    1    1    1    1    2    1    1    1    1    1    1    1
## 6528 6529 6530 6531 6532 6533 6534 6535 6536 6537 6538 6539 6540
##    1    1    1    1    1    1    1    2    1    1    1    1    1
## 6541 6542 6543 6544 6545 6546 6547 6548 6549 6550 6551 6552 6553
##    1    1    1    1    1    2    1    1    1    1    2    1    1
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##    1    1    1    1    2    1    2    1    1    1    1    1    1
## 6567 6568 6569 6570 6571 6572 6573 6574 6575 6576 6577 6578 6579
##    1    1    1    1    1    1    1    1    2    1    1    1    1
## 6580 6581 6582 6583 6584 6585 6586 6587 6588 6589 6590 6591 6592
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## 6593 6594 6595 6596 6597 6598 6599 6600 6601 6602 6603 6604 6605
##    2    1    1    1    2    1    1    1    1    2    1    2    1
## 6606 6607 6608 6609 6610 6611 6612 6613 6614 6615 6616 6617 6618
##    1    1    2    1    1    1    1    1    1    1    1    2    1
## 6619 6620 6621 6622 6623 6624 6625 6626 6627 6628 6629 6630 6631
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## 6632 6633 6634 6635 6636 6637 6638 6639 6640 6641 6642 6643 6644
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## 6658 6659 6660 6661 6662 6663 6664 6665 6666 6667 6668 6669 6670
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## 6671 6672 6673 6674 6675 6676 6677 6678 6679 6680 6681 6682 6683
##    1    1    1    1    2    1    1    1    1    1    1    1    1
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##    1    2    1    1    1    1    2    1    1    1    1    1    2
## 6697 6698 6699 6700 6701 6702 6703 6704 6705 6706 6707 6708 6709
##    1    1    1    1    1    1    1    1    1    2    1    1    2
## 6710 6711 6712 6713 6714 6715 6716 6717 6718 6719 6720 6721 6722
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 6723 6724 6725 6726 6727 6728 6729 6730 6731 6732 6733 6734 6735
##    1    1    1    1    1    2    1    1    1    1    1    1    1
## 6736 6737 6738 6739 6740 6741 6742 6743 6744 6745 6746 6747 6748
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## 6749 6750 6751 6752 6753 6754 6755 6756 6757 6758 6759 6760 6761
##    1    1    1    1    2    1    1    1    2    2    1    1    1
## 6762 6763 6764 6765 6766 6767 6768 6769 6770 6771 6772 6773 6774
##    1    2    1    1    1    1    1    1    1    2    1    1    1
## 6775 6776 6777 6778 6779 6780 6781 6782 6783 6784 6785 6786 6787
##    1    1    2    1    1    2    1    1    1    1    1    1    1
## 6788 6789 6790 6791 6792 6793 6794 6795 6796 6797 6798 6799 6800
##    2    1    1    1    1    1    2    1    1    1    2    1    1
## 6801 6802 6803 6804 6805 6806 6807 6808 6809 6810 6811 6812 6813
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 6814 6815 6816 6817 6818 6819 6820 6821 6822 6823 6824 6825 6826
##    1    1    1    1    1    1    2    2    1    1    1    2    1
## 6827 6828 6829 6830 6831 6832 6833 6834 6835 6836 6837 6838 6839
##    1    1    1    1    1    1    1    1    2    1    1    1    1
## 6840 6841 6842 6843 6844 6845 6846 6847 6848 6849 6850 6851 6852
##    1    1    1    1    1    1    1    1    1    1    1    1    1
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## 6853 6854 6855 6856 6857 6858 6859 6860 6861 6862 6863 6864 6865
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## 6892 6893 6894 6895 6896 6897 6898 6899 6900 6901 6902 6903 6904
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## 6905 6906 6907 6908 6909 6910 6911 6912 6913 6914 6915 6916 6917
##    1    1    1    1    1    1    2    1    1    1    1    1    1
## 6918 6919 6920 6921 6922 6923 6924 6925 6926 6927 6928 6929 6931
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## 6932 6933 6934 6935 6936 6937 6938 6939 6940 6941 6942 6943 6944
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## 6971 6972 6973 6974 6975 6976 6977 6978 6979 6980 6981 6982 6983
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## 6984 6985 6986 6987 6988 6989 6990 6991 6992 6993 6994 6995 6996
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##    1    2    2    1    1    1    1    1    1    1    1    1    1
## 7010 7011 7012 7013 7014 7015 7016 7017 7018 7019 7020 7021 7022
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7023 7024 7025 7026 7027 7028 7029 7030 7031 7032 7033 7034 7035
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7036 7037 7038 7039 7040 7041 7042 7043 7044 7045 7046 7047 7048
##    1    2    1    1    2    1    1    1    1    1    1    1    1
## 7049 7050 7051 7052 7053 7054 7055 7056 7057 7058 7059 7060 7061
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7062 7063 7064 7065 7066 7067 7068 7069 7070 7071 7072 7073 7074
##    1    1    2    2    1    1    1    1    1    1    1    1    2
## 7075 7076 7077 7078 7079 7080 7081 7082 7083 7084 7085 7086 7087
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7088 7089 7090 7091 7092 7093 7094 7095 7096 7097 7098 7099 7100
##    1    1    2    1    1    1    1    2    1    1    1    1    1
## 7101 7102 7103 7104 7105 7106 7107 7108 7109 7110 7111 7112 7113
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7114 7115 7116 7117 7118 7119 7120 7121 7122 7123 7124 7125 7126
##    1    1    1    1    1    1    1    1    2    1    1    1    1
## 7127 7128 7129 7130 7131 7132 7133 7134 7135 7136 7137 7138 7139
##    1    1    2    1    1    1    1    1    1    1    1    1    1
## 7140 7141 7142 7143 7144 7145 7146 7147 7148 7149 7150 7151 7153
##    1    2    1    1    1    1    2    1    1    1    1    1    1
## 7154 7155 7156 7157 7158 7159 7160 7161 7162 7163 7164 7165 7166
##    1    1    1    1    1    1    1    1    1    1    1    2    1
## 7167 7168 7169 7170 7171 7172 7173 7174 7175 7176 7177 7178 7179
##    1    1    1    1    1    1    1    1    1    1    1    2    1
## 7180 7181 7182 7183 7184 7185 7186 7187 7188 7189 7190 7191 7192
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7193 7194 7195 7196 7197 7198 7199 7200 7201 7202 7203 7204 7205
##    1    1    1    1    1    2    2    1    1    1    1    1    1
```

```
## 7206 7207 7208 7209 7210 7211 7212 7213 7214 7215 7216 7217 7218
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 7219 7220 7221 7222 7223 7224 7225 7226 7227 7228 7229 7230 7231
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7232 7233 7234 7235 7236 7237 7238 7239 7240 7241 7242 7243 7244
##    1    1    1    1    1    1    1    1    2    2    1    1    2
## 7245 7246 7247 7248 7249 7250 7251 7252 7253 7254 7255 7256 7257
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 7258 7259 7260 7261 7262 7263 7264 7265 7266 7267 7268 7269 7270
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7271 7272 7273 7274 7275 7276 7277 7278 7279 7280 7281 7282 7283
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7284 7285 7286 7287 7288 7289 7290 7291 7292 7293 7294 7295 7296
##    1    1    1    1    1    1    1    2    1    2    1    1    1
## 7297 7298 7299 7300 7301 7302 7303 7304 7305 7306 7307 7308 7309
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7310 7311 7312 7313 7314 7315 7316 7317 7318 7319 7320 7321 7322
##    1    1    1    1    1    1    1    1    1    1    1    1    2
## 7323 7324 7325 7326 7327 7328 7329 7330 7331 7332 7333 7334 7335
##    1    1    1    1    2    1    1    1    1    1    1    1    1
## 7336 7337 7338 7339 7340 7341 7342 7343 7344 7345 7346 7347 7348
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7349 7350 7351 7352 7353 7354 7355 7356 7357 7358 7359 7360 7361
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 7362 7363 7364 7365 7366 7367 7368 7369 7370 7371 7372 7373 7374
##    1    2    1    1    1    1    1    1    1    2    1    1    1
## 7375 7376 7377 7378 7379 7380 7381 7382 7383 7384 7385 7386 7387
##    1    1    1    2    1    1    1    1    1    1    1    1    1
## 7388 7389 7390 7391 7392 7393 7394 7395 7396 7397 7398 7399 7400
##    2    1    1    1    1    1    1    1    1    1    1    1    1
## 7401 7402 7403 7404 7405 7406 7407 7408 7409 7410 7411 7412 7413
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7414 7415 7416 7417 7418 7419 7420 7421 7422 7423 7424 7425 7426
##    1    2    1    1    1    1    1    1    1    1    1    2    1
## 7427 7428 7429 7430 7431 7432 7433 7434 7435 7436 7437 7438 7439
##    1    1    1    1    1    1    2    1    1    1    1    1    1
## 7440 7441 7442 7443 7444 7445 7446 7447 7448 7449 7450 7451 7452
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7453 7454 7455 7456 7457 7458 7459 7460 7461 7462 7463 7464 7465
##    1    1    1    1    1    2    1    1    1    1    1    1    1
## 7466 7467 7468 7469 7470 7471 7472 7473 7474 7475 7476 7477 7478
##    1    1    1    1    1    1    1    1    1    2    1    1    1
## 7479 7480 7481 7482 7483 7484 7485 7486 7487 7488 7489 7490 7491
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7492 7493 7494 7495 7496 7497 7498 7499 7500 7501 7502 7503 7504
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7505 7506 7507 7508 7509 7510 7511 7512 7513 7514 7515 7516 7517
##    2    1    1    1    1    1    1    1    1    1    1    1    1
## 7518 7519 7520 7521 7522 7523 7524 7525 7526 7527 7528 7529 7530
##    1    1    1    1    1    1    2    1    1    1    1    1    1
## 7531 7532 7533 7534 7535 7536 7537 7538 7539 7540 7541 7542 7543
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7544 7545 7546 7547 7548 7549 7550 7551 7552 7553 7554 7555 7556
##    1    1    1    1    1    1    1    1    1    1    1    1    1
```

```
## 7557 7558 7559 7560 7561 7562 7563 7564 7565 7566 7567 7568 7569
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 7570 7571 7572 7573 7574 7575 7576 7577 7578 7579 7580 7581 7582
##    1    1    1    1    1    2    1    1    2    1    1    1    1
## 7583 7584 7585 7586 7587 7588 7589 7590 7591 7592 7593 7594 7595
##    1    1    1    1    1    1    1    2    1    1    1    1    1
## 7596 7597 7598 7599 7600 7601 7602 7603 7604 7605 7606 7607 7608
##    1    1    1    1    1    1    1    1    2    1    1    1    1
## 7609 7610 7611 7612 7613 7614 7615 7616 7617 7618 7619 7620 7621
##    1    1    1    2    1    1    1    1    2    1    1    1    2
## 7622 7623 7624 7625 7626 7627 7628 7629 7630 7631 7632 7633 7634
##    1    1    1    1    2    1    1    1    1    1    1    1    1
## 7635 7637 7638 7639 7640 7641 7642 7643 7644 7645 7646 7647 7648
##    1    1    1    1    1    1    1    1    2    1    1    1    1
## 7649 7650 7651 7652 7653 7654 7655 7656 7657 7658 7659 7660 7661
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7662 7663 7664 7665 7666 7667 7668 7669 7670 7671 7672 7673 7674
##    1    2    1    1    1    1    1    1    2    1    1    1    1
## 7675 7676 7677 7678 7679 7680 7681 7682 7683 7684 7685 7686 7687
##    1    1    1    1    1    2    1    1    1    1    1    1    1
## 7688 7689 7690 7691 7692 7693 7694 7695 7696 7697 7698 7699 7700
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7701 7702 7703 7704 7705 7706 7707 7708 7709 7710 7711 7712 7713
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7714 7715 7716 7717 7718 7719 7720 7721 7722 7723 7724 7725 7726
##    1    1    1    1    1    1    2    1    1    1    1    1    1
## 7727 7728 7729 7730 7731 7732 7733 7734 7735 7736 7737 7738 7739
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7740 7741 7742 7743 7744 7745 7746 7747 7748 7749 7750 7751 7752
##    1    1    1    1    1    1    1    2    1    1    1    1    1
## 7753 7754 7755 7756 7757 7758 7759 7760 7761 7762 7763 7764 7765
##    1    1    1    1    1    1    1    1    1    1    1    2    1
## 7766 7767 7768 7769 7770 7771 7772 7773 7774 7775 7776 7777 7778
##    1    1    1    2    2    2    1    1    1    1    1    1    1
## 7779 7780 7781 7782 7783 7784 7785 7786 7787 7788 7789 7790 7791
##    1    1    2    1    1    1    1    1    1    1    1    1    1
## 7792 7793 7794 7795 7796 7797 7798 7799 7800 7801 7802 7803 7804
##    1    1    1    1    1    1    1    2    1    1    2    1    1
## 7805 7806 7807 7808 7809 7810 7811 7812 7813 7814 7815 7816 7817
##    1    1    1    2    2    1    1    1    1    1    1    1    1
## 7818 7819 7820 7821 7822 7823 7824 7825 7826 7827 7828 7829 7830
##    1    1    1    1    1    1    1    2    1    1    1    2    1
## 7831 7832 7833 7834 7835 7836 7837 7838 7839 7840 7841 7842 7843
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7844 7845 7846 7847 7848 7849 7850 7851 7852 7853 7854 7855 7856
##    1    1    1    1    1    1    1    2    1    1    1    1    1
## 7857 7858 7859 7860 7861 7862 7863 7864 7865 7866 7867 7868 7869
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 7870 7871 7872 7873 7874 7875 7876 7877 7878 7879 7880 7881 7882
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7883 7884 7885 7886 7887 7888 7889 7890 7891 7892 7893 7894 7895
##    1    1    1    1    1    1    1    1    1    1    2    2    1
## 7896 7897 7898 7899 7900 7901 7902 7903 7904 7905 7906 7907 7908
##    1    2    1    1    1    2    1    1    1    1    1    1    1
```

```
## 7909 7910 7911 7912 7913 7914 7915 7916 7917 7918 7919 7920 7921
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7922 7923 7924 7925 7926 7927 7928 7929 7930 7931 7932 7933 7934
##    1    1    1    1    2    1    1    1    1    2    1    1    1
## 7935 7936 7937 7938 7939 7940 7941 7942 7943 7944 7945 7946 7947
##    1    1    1    2    2    1    1    1    1    1    1    1    1
## 7948 7949 7950 7951 7952 7953 7954 7955 7956 7957 7958 7959 7960
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7961 7962 7963 7964 7965 7966 7967 7968 7969 7970 7971 7972 7973
##    1    1    1    1    2    1    1    1    1    1    1    1    1
## 7974 7975 7976 7977 7978 7979 7980 7981 7982 7983 7984 7985 7986
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 7987 7988 7989 7990 7991 7992 7993 7994 7995 7996 7997 7998 7999
##    1    1    1    1    1    2    1    1    1    1    1    1    1
## 8000 8001 8002 8003 8004 8005 8006 8007 8008 8009 8010 8011 8012
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 8013 8014 8015 8016 8017 8018 8019 8020 8021 8022 8023 8024 8025
##    1    1    1    1    1    2    1    1    1    1    1    1    1
## 8026 8027 8028 8029 8030 8031 8032 8033 8034 8035 8036 8037 8038
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 8039 8040 8041 8042 8043 8044 8045 8046 8047 8048 8049 8050 8051
##    1    1    1    1    1    1    1    1    1    1    1    1    2
## 8052 8053 8054 8055 8056 8057 8058 8059 8060 8061 8062 8063 8064
##    2    1    1    1    1    1    1    1    1    1    1    1    1
## 8065 8066 8067 8068 8069 8070 8071 8072 8073 8074 8075 8076 8077
##    1    1    2    1    1    1    1    2    1    1    1    1    2
## 8078 8079 8080 8081 8082 8083 8084 8085 8086 8087 8088 8089 8090
##    1    1    1    1    2    1    1    1    1    1    1    1    1
## 8091 8092 8093 8094 8095 8096 8097 8098 8099 8100 8101 8102 8103
##    1    1    1    2    2    1    1    1    1    1    1    1    1
## 8104 8105 8106 8107 8108 8109 8110 8111 8112 8113 8114 8115 8116
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 8117 8118 8119 8120 8121 8122 8123 8124 8125 8126 8127 8128 8129
##    2    2    1    2    1    1    1    1    1    2    1    1    1
## 8130 8131 8132 8133 8134 8135 8136 8137 8138 8139 8140 8141 8142
##    1    1    2    1    1    1    1    1    2    2    1    1    1
## 8143 8144 8145 8146 8147 8148 8149 8150 8151 8152 8153 8154 8155
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 8156 8157 8158 8159 8160 8161 8162 8163 8164 8165 8166 8167 8168
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 8169 8170 8171 8172 8173 8174 8175 8176 8177 8178 8179 8180 8181
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 8182 8183 8184 8185 8186 8187 8188 8189 8190 8191 8192 8193 8194
##    1    1    1    1    1    1    1    2    1    1    1    1    1
## 8195 8196 8197 8198 8199 8200 8201 8202 8203 8204 8205 8206 8207
##    1    1    1    2    1    1    1    1    1    2    1    1    1
## 8208 8209 8210 8211 8212 8213 8214 8215 8216 8217 8218 8219 8220
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 8221 8222 8223 8224 8225 8226 8227 8228 8229 8230 8231 8232 8233
##    1    1    1    1    1    1    1    1    2    1    2    1    1
## 8234 8235 8236 8237 8238 8239 8240 8241 8242 8243 8244 8245 8246
##    1    1    1    1    1    2    1    1    1    1    1    1    1
## 8247 8248 8249 8250 8251 8252 8253 8254 8255 8256 8257 8258 8259
##    1    1    2    1    1    1    1    1    1    1    1    1    1
```

```
## 8260 8261 8262 8263 8264 8265 8266 8267 8268 8269 8270 8271 8272
##    1    2    1    1    1    1    1    1    1    1    2    2    1
## 8273 8274 8275 8276 8277 8278 8279 8280 8281 8282 8283 8284 8285
##    1    1    2    1    1    2    2    2    1    2    1    1    2
## 8286 8287 8288 8289 8290 8291 8292 8293 8294 8295 8296 8297 8298
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 8299 8300 8301 8302 8303 8304 8305 8306 8307 8308 8309 8310 8311
##    1    1    1    2    1    2    1    1    1    1    2    1    1
## 8312 8313 8314 8315 8316 8317 8318 8319 8320 8321 8322 8323 8324
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 8325 8326 8327 8328 8329 8330 8331 8332 8333 8334 8335 8336 8337
##    1    1    1    1    1    1    2    1    2    1    1    1    1
## 8338 8339 8340 8341 8342 8343 8344 8345 8346 8347 8348 8349 8350
##    2    1    1    1    1    1    1    1    1    1    1    2    2
## 8351 8352 8353 8354 8355 8356 8357 8358 8359 8360 8361 8362 8363
##    1    1    1    1    1    2    1    1    1    1    1    1    1
## 8364 8365 8366 8367 8368 8369 8370 8371 8372 8373 8374 8375 8376
##    2    1    1    1    1    1    1    1    2    1    1    2    1
## 8377 8378 8379 8380 8381 8382 8383 8384 8385 8386 8387 8388 8389
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 8390 8391 8392 8393 8394 8395 8396 8397 8398 8399 8400 8401 8402
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 8403 8404 8405 8406 8407 8408 8409 8410 8411 8412 8413 8414 8415
##    1    1    1    1    2    1    1    1    1    1    2    1    1
## 8416 8417 8418 8419 8420 8421 8422 8423 8424 8425 8426 8427 8428
##    2    1    1    1    1    1    1    1    2    2    1    1    1
## 8429 8430 8431 8432 8433 8434 8435 8436 8437 8438 8439 8440 8441
##    1    1    1    1    1    1    1    2    1    1    2    1    1
## 8442 8443 8444 8445 8446 8447 8448 8449 8450 8451 8452 8453 8454
##    1    1    1    1    2    1    1    1    1    1    1    2    1
## 8455 8456 8457 8458 8459 8460 8461 8462 8463 8464 8465 8466 8467
##    2    1    1    1    1    1    1    1    1    1    1    1    1
## 8468 8469 8470 8471 8472 8473 8474 8475 8476 8477 8478 8479 8480
##    1    1    1    1    1    1    1    1    1    1    2    1    2
## 8481 8482 8483 8484 8485 8486 8487 8488 8489 8490 8491 8492 8493
##    1    1    1    1    1    2    2    1    1    1    1    1    1
## 8494 8495 8496 8497 8498 8499 8500 8501 8502 8503 8504 8505 8506
##    1    1    1    1    1    1    2    1    1    1    1    2    1
## 8507 8508 8509 8510 8511 8512 8513 8514 8515 8516 8517 8518 8519
##    1    1    1    1    1    2    1    1    2    1    1    1    1
## 8520 8521 8522 8523 8524 8525 8526 8527 8528 8529 8530 8531 8532
##    1    1    2    1    2    1    1    1    2    1    1    1    1
## 8533 8534 8535 8536 8537 8538 8539 8540 8541 8542 8543 8544 8546
##    1    1    1    2    1    1    1    1    1    1    1    1    1
## 8547 8548 8549 8550 8551 8552 8553 8554 8555 8556 8557 8558 8559
##    1    1    2    1    1    1    1    1    1    1    1    2    1
## 8560 8561 8562 8563 8564 8565 8566 8567 8568 8569 8570 8571 8572
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 8573 8574 8575 8576 8577 8578 8579 8580 8581 8582 8583 8584 8585
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 8586 8587 8588 8589 8590 8591 8592 8593 8594 8595 8596 8597 8598
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 8599 8600 8601 8602 8603 8604 8605 8606 8607 8608 8609 8610 8611
##    1    1    2    1    2    1    1    1    1    1    2    1    1
```

```
## 8612 8613 8614 8615 8616 8617 8618 8619 8620 8621 8622 8623 8624
##    1    2    1    1    1    1    1    2    1    1    1    1    1
## 8625 8626 8627 8628 8629 8630 8631 8632 8633 8634 8635 8636 8637
##    1    1    1    1    1    2    2    1    2    1    1    1    1
## 8638 8639 8640 8641 8642 8643 8644 8645 8646 8647 8648 8649 8650
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 8651 8652 8653 8654 8655 8656 8657 8658 8659 8660 8661 8662 8663
##    1    1    1    1    1    2    1    1    1    1    2    1    1
## 8664 8665 8666 8667 8668 8669 8670 8671 8672 8673 8674 8675 8676
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 8677 8678 8679 8680 8681 8682 8683 8684 8685 8686 8687 8688 8689
##    1    2    1    1    1    2    2    1    1    1    1    1    1
## 8690 8691 8692 8693 8694 8695 8696 8697 8698 8699 8700 8701 8702
##    1    1    2    1    1    1    1    1    1    1    1    1    2
## 8703 8704 8705 8706 8707 8708 8709 8710 8711 8712 8713 8714 8715
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 8716 8717 8718 8719 8720 8721 8722 8723 8724 8725 8726 8727 8728
##    1    1    1    1    2    1    1    1    2    1    2    2    1
## 8729 8730 8731 8732 8733 8734 8735 8736 8737 8738 8739 8740 8741
##    1    1    1    1    1    1    1    1    1    2    1    1    1
## 8742 8743 8744 8745 8746 8747 8748 8749 8750 8751 8752 8753 8754
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 8755 8756 8757 8758 8759 8760 8761 8762 8763 8764 8765 8766 8767
##    1    1    2    1    1    1    1    1    1    1    2    1    1
## 8768 8769 8770 8771 8772 8773 8774 8775 8776 8777 8778 8779 8780
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 8781 8782 8783 8784 8785 8786 8787 8788 8789 8790 8791 8792 8793
##    1    1    1    1    2    1    1    2    1    1    1    2    1
## 8794 8795 8796 8797 8798 8799 8800 8801 8802 8803 8804 8805 8806
##    1    2    1    1    1    1    2    1    1    1    1    1    1
## 8807 8808 8809 8810 8811 8812 8813 8814 8815 8816 8817 8818 8819
##    1    1    1    1    1    1    1    1    1    1    2    1    2
## 8820 8821 8822 8823 8824 8825 8826 8827 8828 8829 8830 8831 8832
##    1    1    1    1    1    1    2    2    1    1    1    2    2
## 8833 8834 8835 8836 8837 8838 8839 8840 8841 8842 8843 8844 8845
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 8846 8847 8848 8849 8850 8851 8852 8853 8854 8855 8856 8857 8858
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 8859 8860 8861 8862 8863 8864 8865 8866 8867 8868 8869 8870 8871
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 8872 8873 8874 8875 8876 8877 8878 8879 8880 8881 8882 8883 8884
##    1    2    1    1    1    1    2    2    1    1    1    1    2
## 8885 8886 8887 8888 8889 8890 8891 8892 8893 8894 8895 8896 8897
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 8898 8899 8900 8901 8902 8903 8904 8905 8906 8907 8908 8909 8910
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 8911 8912 8913 8914 8915 8916 8917 8918 8919 8920 8921 8922 8923
##    1    1    1    1    1    1    1    1    1    2    1    1    1
## 8924 8925 8926 8927 8928 8929 8930 8931 8932 8933 8934 8935 8936
##    1    1    1    1    2    1    2    1    1    1    1    1    1
## 8937 8938 8939 8940 8941 8942 8943 8944 8945 8946 8947 8948 8949
##    1    1    1    1    1    1    1    1    1    1    1    2    1
## 8950 8951 8952 8953 8954 8955 8956 8957 8958 8959 8960 8961 8962
##    1    1    1    1    1    1    1    1    1    1    1    1    1
```

```
## 8963 8964 8965 8966 8967 8968 8969 8970 8971 8972 8973 8974 8975
##    1    1    1    2    1    1    1    2    1    1    2    1    1
## 8976 8977 8978 8979 8980 8981 8982 8983 8984 8985 8986 8987 8988
##    2    1    1    1    1    1    1    1    1    2    1    1    1
## 8989 8990 8991 8992 8993 8994 8995 8996 8997 8998 8999 9000 9001
##    1    1    1    1    1    1    1    1    1    2    1    1    1
## 9002 9003 9004 9005 9006 9007 9008 9009 9010 9011 9012 9013 9014
##    1    1    2    1    2    1    1    1    1    1    2    1    1
## 9015 9016 9017 9018 9019 9020 9021 9022 9023 9024 9025 9026 9027
##    1    1    2    1    2    2    1    1    1    1    1    1    1
## 9028 9029 9030 9031 9032 9033 9034 9035 9036 9037 9038 9039 9040
##    1    2    1    1    1    1    1    1    2    1    1    1    1
## 9041 9042 9043 9044 9045 9046 9047 9048 9049 9050 9051 9052 9053
##    1    2    1    1    1    1    1    1    1    1    1    1    2
## 9054 9055 9056 9057 9058 9059 9060 9061 9062 9063 9064 9065 9066
##    1    1    1    1    1    2    2    1    1    1    1    2    1
## 9067 9068 9069 9070 9071 9072 9073 9074 9075 9076 9077 9078 9079
##    2    1    1    2    1    1    1    1    1    1    1    1    1
## 9080 9081 9082 9083 9084 9085 9086 9087 9088 9089 9090 9091 9092
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 9093 9094 9095 9096 9097 9098 9099 9100 9101 9102 9103 9104 9105
##    1    1    1    1    1    2    1    1    1    1    2    1    1
## 9106 9107 9108 9109 9110 9111 9112 9113 9114 9115 9116 9117 9118
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 9119 9120 9121 9122 9123 9124 9125 9126 9127 9128 9129 9130 9131
##    1    1    1    1    2    1    1    1    1    1    2    1    1
## 9132 9133 9134 9135 9136 9137 9138 9139 9140 9141 9142 9143 9144
##    1    1    1    1    2    1    1    1    1    1    1    1    1
## 9145 9146 9147 9148 9149 9150 9151 9152 9153 9154 9155 9156 9157
##    1    1    1    1    1    1    1    1    1    1    1    1    2
## 9158 9159 9160 9161 9162 9163 9164 9165 9166 9167 9168 9169 9170
##    1    1    2    2    1    1    1    2    1    1    1    2    1
## 9171 9172 9173 9174 9175 9176 9177 9178 9179 9180 9181 9182 9183
##    1    1    1    1    1    1    1    1    1    2    1    1    2
## 9184 9185 9186 9187 9188 9189 9190 9191 9192 9193 9194 9195 9196
##    1    1    1    1    1    1    1    1    1    1    1    1    2
## 9197 9198 9199 9200 9201 9202 9203 9204 9205 9206 9207 9208 9209
##    1    1    1    1    1    1    1    1    1    1    1    1    2
## 9210 9211 9212 9213 9214 9215 9216 9217 9218 9219 9220 9221 9222
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 9223 9224 9225 9226 9227 9228 9229 9230 9231 9232 9233 9234 9235
##    1    2    1    1    1    1    1    1    1    1    1    2    1
## 9236 9237 9238 9239 9240 9241 9242 9243 9244 9245 9246 9247 9248
##    2    1    1    2    1    1    1    1    1    1    2    1    1
## 9249 9250 9251 9252 9253 9254 9255 9256 9257 9258 9259 9260 9261
##    2    2    1    1    1    2    1    2    1    1    1    1    1
## 9262 9263 9264 9265 9266 9267 9268 9269 9270 9271 9272 9273 9274
##    1    1    2    1    1    1    1    2    1    1    1    1    1
## 9275 9276 9277 9278 9279 9280 9281 9282 9283 9284 9285 9286 9287
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 9288 9289 9290 9291 9292 9293 9294 9295 9296 9297 9298 9299 9300
##    1    1    1    1    2    1    1    1    1    1    1    2    1
## 9301 9302 9303 9304 9305 9306 9308 9309 9310 9311 9312 9313 9314
##    2    1    1    1    1    1    1    1    1    1    1    1    1
```

```
## 9315 9316 9317 9318 9319 9320 9321 9322 9323 9324 9325 9326 9327
##    1    1    2    2    1    1    1    1    2    1    1    1    1
## 9328 9329 9330 9331 9332 9333 9334 9335 9336 9337 9338 9339 9340
##    1    1    1    2    1    1    1    2    1    2    1    1    1
## 9341 9342 9343 9344 9345 9346 9347 9348 9349 9350 9351 9352 9353
##    2    1    1    1    1    1    1    2    1    1    1    1    1
## 9354 9355 9356 9357 9358 9359 9360 9361 9362 9363 9364 9365 9366
##    1    1    2    1    1    1    1    1    1    2    1    1    1
## 9367 9368 9369 9370 9371 9372 9373 9374 9375 9376 9377 9378 9379
##    1    1    2    1    1    2    2    1    1    1    1    1    2
## 9380 9381 9382 9383 9384 9385 9386 9387 9388 9389 9390 9391 9392
##    1    1    1    2    1    1    1    2    1    1    2    1    1
## 9393 9394 9395 9396 9397 9398 9399 9400 9401 9402 9403 9404 9405
##    1    1    2    1    1    1    2    1    2    1    2    1    1
## 9406 9407 9408 9409 9410 9411 9412 9413 9414 9415 9416 9417 9418
##    1    1    1    1    1    1    1    2    1    1    1    1    1
## 9419 9420 9421 9422 9423 9424 9425 9426 9427 9428 9429 9430 9431
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 9432 9433 9434 9435 9436 9437 9438 9439 9440 9441 9442 9443 9444
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 9445 9446 9447 9448 9449 9450 9451 9452 9453 9454 9455 9456 9457
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 9458 9459 9460 9461 9462 9463 9464 9465 9466 9467 9468 9469 9470
##    2    1    1    1    1    1    1    1    1    1    1    1    1
## 9471 9472 9473 9474 9475 9476 9477 9478 9479 9480 9481 9482 9483
##    1    1    1    1    1    2    2    1    1    1    1    1    1
## 9484 9485 9486 9487 9488 9489 9490 9491 9492 9493 9494 9496 9497
##    2    2    1    2    1    1    1    1    1    1    1    1    1
## 9498 9499 9500 9501 9502 9503 9504 9505 9506 9507 9508 9509 9510
##    1    1    1    1    1    1    1    1    1    1    1    1    2
## 9511 9512 9513 9514 9515 9516 9517 9518 9519 9520 9521 9522 9523
##    1    1    1    1    1    1    1    1    1    1    1    1    2
## 9524 9525 9526 9527 9528 9529 9530 9531 9532 9533 9534 9535 9536
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 9537 9538 9539 9540 9541 9542 9543 9544 9545 9546 9547 9548 9549
##    1    2    1    2    1    2    1    1    1    2    1    1    2
## 9550 9551 9553 9554 9555 9556 9557 9558 9559 9560 9561 9562 9563
##    1    1    1    1    1    1    1    1    2    2    1    1    1
## 9564 9565 9566 9567 9568 9570 9571 9572 9573 9574 9575 9576 9577
##    2    2    1    1    1    1    1    1    2    1    1    1    2
## 9578 9579 9580 9581 9583 9584 9585 9586 9587 9588 9589 9590 9591
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 9592 9593 9594 9595 9596 9597 9598 9599 9600 9601 9602 9603 9604
##    1    1    2    2    2    1    1    2    1    1    1    1    2
## 9605 9606 9607 9608 9609 9610 9611 9612 9613 9614 9615 9616 9617
##    2    1    1    2    1    1    1    1    1    1    1    1    1
## 9618 9619 9620 9621 9622 9623 9624 9625 9626 9627 9628 9629 9630
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 9631 9632 9633 9634 9635 9636 9637 9638 9639 9640 9641 9642 9643
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 9644 9645 9646 9647 9648 9649 9650 9651 9652 9653 9654 9655 9656
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 9657 9658 9659 9660 9661 9662 9663 9664 9665 9666 9667 9668 9669
##    1    1    1    1    1    1    1    1    2    1    1    1    1
```

```
## 9670 9671 9672 9673 9674 9675 9676 9677 9678 9679 9680 9681 9682
##    1    1    1    1    1    1    1    1    1    1    1    1    1
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##    1    1    1    1    2    1    2    2    2    1    1    1    1
## 9696 9697 9698 9699 9700 9701 9702 9703 9704 9705 9706 9707 9708
##    1    1    1    1    1    1    1    1    1    2    2    1    1
## 9709 9710 9711 9712 9713 9714 9715 9716 9717 9718 9720 9721 9722
##    1    2    1    1    1    1    2    1    1    1    1    1    1
## 9723 9724 9725 9726 9727 9728 9729 9730 9731 9732 9733 9734 9735
##    1    2    1    1    1    1    1    1    1    1    1    1    1
## 9736 9737 9738 9739 9740 9741 9742 9743 9744 9745 9746 9747 9748
##    1    1    1    1    1    1    1    2    1    1    1    1    1
## 9749 9750 9751 9752 9753 9754 9755 9756 9757 9758 9759 9760 9761
##    1    1    1    1    1    1    1    2    1    1    1    2    1
## 9762 9763 9764 9765 9766 9767 9768 9769 9771 9772 9773 9774 9775
##    1    1    1    2    1    1    1    1    1    1    1    1    1
## 9776 9777 9778 9779 9780 9781 9782 9783 9784 9785 9786 9787 9788
##    1    1    1    1    1    2    1    1    1    1    1    1    1
## 9789 9790 9791 9792 9793 9794 9795 9796 9797 9798 9799 9800 9801
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 9802 9803 9804 9805 9806 9807 9808 9809 9810 9811 9812 9813 9814
##    1    1    2    1    1    2    2    1    1    1    1    1    1
## 9815 9816 9817 9818 9819 9820 9821 9822 9823 9824 9825 9826 9827
##    1    1    1    1    1    1    1    1    1    1    1    1    1
## 9828 9829 9830 9831 9832 9833 9834 9835 9836 9837 9838 9839 9840
##    1    1    1    1    2    1    2    1    1    1    2    1    1
## 9841 9842 9843 9844 9845 9846 9847 9848 9849 9850 9851 9852 9853
##    1    1    1    1    1    2    1    1    1    1    1    1    1
## 9854 9855 9856 9857 9858 9859 9860 9861 9862 9863 9864 9865 9866
##    1    1    2    1    1    1    2    2    1    1    1    1    1
## 9867 9868 9869 9870 9871 9872 9873 9874 9875 9876 9877 9878 9880
##    1    1    1    1    1    1    1    2    1    1    1    1    1
## 9881 9882 9883 9884 9885 9886 9887 9888 9889 9890 9891 9892 9893
##    2    2    1    1    1    1    1    1    1    1    2    1    1
## 9894 9895 9896 9897 9898 9899 9900 9901 9902 9903 9904 9905 9906
##    1    2    1    1    1    1    1    1    2    1    1    1    1
## 9907 9909 9910 9911 9912 9913 9914 9915 9916 9917 9918 9919 9920
##    1    1    1    1    1    1    2    1    1    1    1    2    1
## 9921 9922 9923 9924 9925 9926 9927 9928 9929 9930 9931 9932 9933
##    1    1    1    1    1    1    1    1    1    1    2    1    1
## 9934 9935 9936 9937 9938 9939 9940 9941 9942 9943 9944 9945 9946
##    2    1    1    1    1    1    1    1    1    1    1    1    1
## 9947 9948 9949 9950 9951 9952 9953 9954 9955 9956 9957 9958 9959
##    1    1    1    1    1    2    1    1    1    1    2    1    1
## 9960 9961 9962 9963 9964 9965 9966 9967 9968 9969 9970 9971 9972
##    1    1    1    1    2    1    1    1    1    1    2    1    2
## 9973 9974 9975 9976 9977 9978 9979 9980 9981 9982 9983 9984 9985
##    1    1    1    1    2    1    1    1    1    1    2    1    1
## 9986 9987 9988 9989 9990 9991 9992 9993 9994 9995 9996 9997 9998
##    1    1    1    1    1    1    1    1    1    1    1    1    1
##  9999 10000 10001 10002 10003 10004 10005 10006 10007 10008 10009 10010 10011
##     2     1     1     1     1     1     1     1     1     1     1     1     1
## 10012 10013 10014 10015 10016 10017 10018 10019 10020 10021 10022 10023 10024
##     1     1     1     1     1     1     1     1     1     1     1     1     1
```

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## 10025 10026 10027 10028 10029 10030 10031 10032 10033 10034 10035 10036 10037
##     1     1     1     1     1     1     1     2     1     1     1     1     2
## 10038 10039 10040 10041 10042 10043 10044 10045 10046 10047 10048 10049 10050
##     1     1     1     1     1     1     1     2     1     2     1     2     1
## 10051 10052 10053 10054 10055 10056 10057 10058 10059 10060 10061 10062 10063
##     1     1     1     1     1     1     2     1     2     1     1     1     1
## 10064 10065 10066 10067 10068 10069 10070 10071 10072 10073 10074 10075 10076
##     1     1     1     2     1     1     1     1     1     2     1     1     1
## 10077 10078 10079 10080 10081 10082 10083 10084 10085 10086 10087 10088 10089
##     1     1     1     1     1     1     2     1     1     1     1     2     1
## 10090 10091 10092 10093 10094 10095 10096 10097 10098 10099 10100 10101 10102
##     2     1     1     1     1     1     1     1     1     1     1     1     1
## 10103 10104 10105 10106 10107 10108 10109 10110 10111 10112 10113 10114 10115
##     1     1     1     2     1     1     1     1     1     1     1     1     1
## 10116 10117 10118 10119 10120 10121 10122 10123 10124 10125 10126 10127 10128
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 10129 10130 10131 10132 10133 10134 10135 10136 10137 10138 10139 10140 10141
##     1     1     1     1     1     1     1     2     1     1     1     1     1
## 10142 10143 10144 10145 10146 10148 10149 10150 10151 10152 10153 10154 10155
##     1     1     1     1     1     1     1     1     1     1     1     2     1
## 10156 10157 10158 10159 10160 10161 10162 10163 10164 10165 10166 10167 10168
##     1     1     1     2     2     1     1     1     1     1     1     1     1
## 10169 10170 10171 10172 10173 10174 10175 10176 10177 10178 10179 10180 10181
##     2     1     2     2     2     1     1     2     2     1     1     1     1
## 10182 10183 10184 10185 10186 10187 10188 10189 10190 10191 10192 10193 10194
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 10195 10196 10197 10198 10199 10200 10201 10202 10203 10204 10205 10206 10207
##     1     2     1     1     2     1     1     1     2     1     1     2     2
## 10208 10209 10210 10211 10212 10213 10214 10215 10216 10217 10218 10219 10220
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 10221 10222 10224 10225 10226 10227 10228 10229 10230 10231 10232 10233 10234
##     1     1     1     1     2     1     1     2     1     1     1     1     1
## 10235 10236 10237 10238 10239 10240 10241 10242 10243 10244 10245 10246 10247
##     1     1     1     1     2     1     1     1     2     1     2     1     1
## 10248 10249 10250 10251 10252 10253 10254 10255 10256 10257 10258 10259 10260
##     1     1     1     1     2     1     1     2     1     1     1     1     1
## 10261 10262 10263 10264 10265 10266 10267 10268 10269 10271 10272 10273 10274
##     1     1     1     2     1     1     1     1     1     1     1     1     1
## 10275 10276 10277 10278 10279 10280 10281 10282 10283 10284 10285 10286 10287
##     1     1     1     1     1     1     2     1     1     1     2     1     1
## 10288 10289 10290 10291 10292 10293 10294 10295 10296 10297 10298 10299 10300
##     1     2     1     1     1     1     1     2     1     2     2     1     1
## 10301 10302 10303 10304 10305 10306 10307 10308 10309 10310 10311 10312 10313
##     1     2     1     1     2     1     1     1     1     1     1     1     1
## 10314 10315 10316 10317 10318 10319 10320 10321 10322 10323 10324 10325 10326
##     2     1     1     1     2     2     1     1     1     1     1     1     1
## 10327 10328 10329 10330 10331 10332 10333 10334 10335 10336 10337 10338 10339
##     1     1     1     1     1     1     1     1     1     2     1     1     1
## 10340 10341 10342 10343 10344 10345 10346 10347 10348 10349 10350 10351 10352
##     2     1     1     1     1     1     1     1     1     1     1     2     1
## 10353 10354 10355 10356 10357 10358 10359 10360 10361 10362 10363 10364 10365
##     1     1     1     1     1     1     1     1     1     1     2     2     1
## 10366 10367 10368 10369 10370 10371 10372 10373 10374 10375 10376 10377 10378
##     2     1     2     1     1     1     1     2     1     1     1     1     1
```

```
## 10379 10380 10381 10382 10383 10384 10385 10386 10387 10388 10389 10390 10391
##     1     1     1     2     1     2     1     1     1     1     1     1     1
## 10392 10393 10394 10395 10396 10397 10398 10399 10400 10401 10402 10403 10404
##     1     1     1     1     1     1     1     1     1     1     2     2     1
## 10405 10406 10407 10408 10409 10410 10411 10412 10413 10414 10415 10416 10417
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 10418 10419 10420 10421 10422 10423 10424 10425 10426 10427 10428 10429 10430
##     1     1     1     2     1     1     1     1     1     1     1     1     1
## 10431 10432 10433 10434 10435 10436 10437 10438 10439 10440 10441 10442 10443
##     1     1     1     1     1     1     1     1     1     1     2     1     1
## 10444 10445 10446 10447 10448 10449 10450 10451 10452 10453 10454 10455 10456
##     1     1     1     1     1     1     2     1     2     1     1     1     1
## 10457 10458 10459 10460 10461 10462 10463 10464 10465 10466 10467 10468 10469
##     1     1     1     2     1     1     1     2     1     1     1     1     1
## 10470 10471 10472 10473 10474 10475 10476 10477 10478 10479 10480 10481 10482
##     1     1     1     1     1     1     1     1     1     1     1     1     2
## 10483 10484 10485 10486 10487 10488 10489 10490 10491 10492 10493 10494 10495
##     1     1     1     1     1     1     1     1     1     2     1     1     1
## 10496 10497 10498 10499 10500 10501 10502 10503 10504 10505 10506 10507 10508
##     1     1     1     1     2     1     1     1     1     1     1     1     1
## 10509 10510 10511 10512 10513 10514 10515 10516 10517 10518 10519 10520 10521
##     1     1     2     1     1     1     1     1     1     1     1     1     1
## 10522 10523 10524 10525 10526 10527 10528 10529 10530 10531 10532 10533 10534
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 10535 10536 10537 10538 10539 10540 10541 10542 10543 10544 10545 10546 10547
##     1     1     1     1     2     1     2     1     1     1     1     1     1
## 10548 10549 10550 10551 10552 10553 10554 10555 10556 10557 10558 10559 10560
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 10561 10562 10563 10564 10565 10566 10567 10568 10569 10570 10571 10572 10574
##     1     1     1     1     1     1     1     1     1     1     1     2     1
## 10575 10576 10577 10578 10579 10580 10581 10582 10583 10584 10585 10586 10587
##     1     1     2     1     1     1     1     1     1     1     1     1     1
## 10588 10589 10590 10591 10592 10593 10594 10595 10596 10597 10598 10599 10600
##     2     1     1     1     1     1     1     1     1     1     1     1     1
## 10601 10602 10603 10604 10605 10606 10607 10608 10609 10610 10611 10612 10613
##     1     1     1     1     1     1     2     1     1     1     1     1     1
## 10614 10615 10616 10617 10618 10619 10620 10621 10622 10623 10624 10625 10626
##     1     1     1     2     1     1     1     1     1     1     1     1     1
## 10627 10628 10629 10630 10631 10633 10634 10635 10636 10637 10638 10639 10640
##     1     1     1     1     1     1     1     1     1     1     1     2     1
## 10641 10642 10643 10644 10645 10646 10647 10648 10649 10650 10651 10652 10653
##     2     1     1     2     2     1     1     1     1     1     1     1     1
## 10654 10655 10656 10657 10658 10659 10660 10661 10662 10663 10664 10665 10666
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 10667 10668 10669 10670 10671 10672 10673 10674 10675 10676 10677 10678 10679
##     1     1     2     1     1     1     1     1     2     1     1     1     1
## 10680 10681 10682 10683 10684 10685 10686 10687 10688 10689 10690 10691 10692
##     1     1     1     2     1     1     1     1     1     1     1     1     1
## 10693 10694 10695 10696 10697 10698 10699 10700 10701 10702 10703 10704 10705
##     2     1     1     1     1     1     1     1     1     1     1     1     1
## 10706 10707 10708 10709 10710 10711 10712 10713 10714 10715 10716 10717 10718
##     1     1     1     1     1     1     1     2     1     1     2     1     1
## 10719 10720 10721 10722 10723 10724 10725 10726 10727 10728 10729 10730 10731
##     1     1     2     1     1     1     1     1     1     1     1     1     1
```

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## 10732 10733 10734 10735 10736 10737 10738 10739 10740 10741 10742 10743 10744
##     1     2     1     2     1     1     1     1     1     1     1     1     1
## 10745 10746 10747 10748 10749 10750 10751 10753 10754 10755 10756 10757 10758
##     1     1     1     1     1     1     1     1     2     1     1     1     1
## 10759 10760 10761 10762 10763 10764 10765 10766 10767 10768 10769 10770 10771
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 10772 10773 10774 10775 10776 10777 10778 10779 10780 10781 10782 10783 10784
##     1     1     1     2     1     1     1     2     1     1     1     1     1
## 10785 10786 10787 10788 10789 10790 10791 10792 10793 10794 10795 10797 10798
##     1     1     1     2     1     1     1     1     1     1     1     1     1
## 10799 10800 10801 10802 10803 10804 10805 10806 10807 10808 10809 10810 10811
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 10812 10813 10814 10815 10816 10817 10818 10819 10820 10821 10822 10823 10824
##     1     1     1     1     2     2     1     1     2     1     1     1     2
## 10825 10826 10827 10828 10829 10830 10831 10832 10833 10834 10835 10836 10837
##     2     1     1     2     1     1     1     1     1     2     1     2     1
## 10838 10839 10840 10841 10843 10844 10845 10846 10847 10848 10849 10850 10851
##     2     1     1     1     1     1     1     1     1     1     1     1     1
## 10852 10853 10854 10855 10856 10857 10858 10859 10860 10861 10862 10863 10864
##     1     1     1     1     1     1     1     1     1     1     1     2     2
## 10865 10866 10867 10868 10869 10870 10871 10872 10873 10874 10875 10876 10877
##     1     1     1     1     1     2     1     1     1     1     1     2     1
## 10878 10879 10880 10881 10882 10883 10884 10885 10886 10887 10888 10889 10890
##     1     1     1     1     1     1     1     1     2     1     1     1     1
## 10891 10892 10893 10894 10895 10896 10897 10898 10899 10900 10901 10902 10903
##     1     1     1     1     2     1     1     1     1     1     1     1     1
## 10904 10905 10906 10907 10908 10909 10910 10911 10912 10913 10914 10915 10916
##     1     1     1     1     1     2     1     1     1     2     1     1     1
## 10917 10918 10919 10920 10921 10922 10923 10924 10925 10926 10927 10928 10929
##     2     1     1     2     1     1     1     1     2     1     1     2     1
## 10930 10931 10932 10933 10934 10935 10936 10937 10938 10939 10940 10941 10942
##     1     2     1     1     1     1     1     1     1     2     1     1     1
## 10943 10944 10945 10946 10947 10948 10949 10950 10951 10952 10953 10954 10955
##     1     1     1     1     1     1     1     1     1     1     1     1     2
## 10956 10957 10958 10959 10960 10961 10962 10963 10964 10965 10966 10967 10968
##     1     2     1     1     1     1     1     1     1     1     1     1     1
## 10969 10970 10971 10972 10973 10974 10975 10976 10977 10978 10979 10980 10981
##     1     1     1     1     2     2     1     1     1     1     1     1     1
## 10982 10983 10984 10985 10986 10987 10988 10990 10991 10992 10993 10994 10995
##     1     1     1     1     1     1     2     1     1     1     1     1     1
## 10996 10997 10998 10999 11000 11001 11002 11003 11004 11005 11006 11007 11008
##     1     1     1     1     2     1     1     1     1     1     1     1     1
## 11009 11010 11011 11012 11013 11014 11015 11016 11017 11018 11019 11020 11021
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 11022 11023 11024 11025 11026 11027 11028 11029 11030 11031 11032 11033 11034
##     1     1     1     2     1     1     1     1     1     1     1     1     1
## 11035 11036 11037 11038 11039 11040 11041 11042 11043 11045 11046 11047 11048
##     2     1     1     1     1     1     1     1     1     1     1     1     1
## 11049 11050 11051 11052 11053 11054 11055 11056 11057 11058 11059 11060 11061
##     1     1     1     1     1     1     1     2     2     1     2     1     1
## 11062 11063 11064 11065 11066 11067 11068 11069 11070 11071 11072 11073 11074
##     1     1     1     1     2     1     1     1     1     1     2     1     1
## 11075 11076 11077 11078 11079 11080 11081 11082 11083 11084 11085 11086 11087
##     1     1     1     1     1     1     1     1     1     1     1     1     1
```

```
## 11088 11089 11090 11091 11092 11093 11094 11095 11096 11097 11098 11099 11100
##     2     1     1     1     1     1     1     1     1     2     1     1     2
## 11101 11102 11103 11104 11105 11106 11107 11108 11109 11110 11111 11112 11113
##     1     1     1     2     2     1     1     1     1     1     1     1     1
## 11114 11115 11116 11117 11118 11119 11120 11121 11122 11123 11124 11125 11126
##     2     1     1     2     1     1     1     1     1     1     1     2     1
## 11127 11128 11129 11130 11131 11132 11133 11134 11135 11136 11137 11138 11139
##     1     2     1     1     2     1     1     1     1     1     1     1     1
## 11140 11141 11142 11143 11144 11145 11146 11147 11148 11149 11150 11151 11152
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 11153 11154 11155 11156 11157 11158 11159 11160 11161 11162 11163 11164 11165
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 11166 11167 11168 11169 11170 11171 11172 11173 11174 11175 11176 11177 11178
##     1     1     1     1     1     1     1     2     1     1     1     1     1
## 11179 11180 11181 11182 11183 11184 11185 11186 11187 11188 11189 11190 11191
##     1     1     1     1     2     1     2     1     1     1     1     2     1
## 11192 11193 11194 11195 11196 11197 11198 11199 11200 11201 11202 11203 11204
##     1     2     1     1     1     1     1     1     2     2     2     1     1
## 11205 11207 11208 11209 11210 11211 11212 11213 11214 11215 11216 11217 11218
##     1     2     1     1     1     1     1     1     1     2     2     1     1
## 11219 11220 11221 11222 11223 11224 11225 11226 11227 11228 11229 11230 11231
##     1     2     1     1     1     1     1     1     1     2     1     1     1
## 11232 11233 11234 11235 11236 11237 11238 11239 11240 11241 11242 11243 11244
##     1     2     1     1     1     1     2     1     1     1     1     1     1
## 11245 11246 11247 11248 11249 11250 11251 11252 11253 11254 11255 11256 11257
##     1     1     2     1     1     2     1     1     1     1     1     1     2
## 11258 11259 11260 11261 11262 11263 11264 11265 11266 11267 11268 11269 11270
##     1     2     1     1     1     1     1     1     1     1     1     1     1
## 11271 11272 11273 11274 11275 11276 11277 11278 11279 11280 11281 11282 11283
##     1     1     1     1     1     1     1     1     2     1     1     1     1
## 11284 11285 11286 11287 11288 11289 11290 11291 11292 11293 11294 11295 11296
##     1     1     1     1     1     1     1     1     1     1     1     1     2
## 11297 11298 11299 11300 11301 11302 11303 11304 11305 11306 11307 11308 11309
##     1     1     1     1     2     1     1     1     1     1     1     1     1
## 11310 11311 11312 11313 11314 11315 11316 11317 11318 11319 11320 11321 11322
##     1     1     2     2     1     1     2     2     1     1     1     1     1
## 11323 11324 11325 11326 11327 11328 11329 11330 11331 11332 11333 11334 11335
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 11336 11337 11338 11339 11340 11341 11342 11343 11344 11345 11346 11347 11348
##     1     1     1     1     1     1     1     2     1     1     1     2     1
## 11349 11350 11351 11352 11353 11354 11355 11356 11357 11358 11359 11360 11361
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 11362 11363 11364 11365 11366 11367 11368 11369 11370 11371 11372 11373 11374
##     1     1     1     1     1     1     1     1     1     1     2     1     1
## 11375 11376 11377 11378 11379 11380 11381 11382 11383 11384 11385 11386 11387
##     1     2     1     1     1     1     1     1     2     1     1     1     1
## 11388 11389 11390 11391 11392 11393 11394 11395 11396 11397 11398 11399 11400
##     1     1     1     1     1     2     1     2     1     1     1     1     1
## 11401 11402 11403 11404 11406 11407 11408 11409 11410 11411 11412 11413 11414
##     2     1     1     1     1     1     1     2     1     1     1     1     1
## 11415 11416 11417 11418 11419 11420 11421 11422 11423 11424 11425 11426 11427
##     1     1     1     1     1     1     1     1     1     1     1     1     2
## 11428 11429 11430 11431 11432 11433 11434 11435 11436 11437 11438 11439 11440
##     1     1     1     1     1     1     1     2     1     1     1     1     1
```

```
## 11441 11442 11443 11444 11445 11446 11447 11448 11449 11450 11451 11452 11453
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 11454 11455 11456 11457 11458 11459 11460 11461 11462 11463 11464 11465 11466
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 11467 11468 11469 11470 11471 11472 11473 11474 11475 11476 11477 11478 11479
##     1     1     1     1     1     1     1     1     1     1     2     2     1
## 11480 11481 11482 11483 11484 11485 11486 11487 11488 11489 11490 11491 11492
##     1     1     1     1     1     2     1     1     1     1     1     1     2
## 11493 11494 11495 11496 11497 11498 11499 11500 11501 11502 11503 11504 11505
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 11506 11507 11508 11509 11510 11511 11512 11513 11514 11515 11516 11517 11518
##     1     1     1     1     1     1     2     2     2     1     2     1     2
## 11519 11520 11521 11522 11523 11525 11526 11527 11528 11529 11530 11531 11532
##     2     2     1     1     1     1     1     1     1     1     1     1     1
## 11533 11534 11535 11536 11537 11538 11539 11540 11541 11542 11543 11544 11545
##     1     1     1     2     1     2     1     1     1     1     1     1     1
## 11546 11547 11548 11549 11550 11551 11552 11553 11554 11555 11556 11557 11558
##     2     1     1     2     2     2     1     1     1     2     2     1     1
## 11559 11560 11561 11562 11563 11564 11565 11566 11567 11568 11569 11570 11571
##     1     1     1     2     1     1     1     1     1     1     1     1     1
## 11572 11573 11574 11575 11576 11577 11578 11579 11580 11581 11583 11584 11585
##     1     1     1     2     1     1     1     1     1     1     1     1     1
## 11586 11587 11588 11589 11590 11591 11592 11593 11594 11595 11596 11597 11598
##     1     2     1     1     1     1     2     1     1     1     1     2     1
## 11599 11600 11601 11602 11603 11604 11605 11606 11607 11608 11609 11610 11611
##     1     1     1     2     1     2     1     1     1     1     1     1     1
## 11612 11613 11614 11615 11616 11617 11618 11619 11620 11621 11622 11623 11624
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 11626 11627 11628 11629 11630 11631 11632 11633 11634 11635 11636 11637 11638
##     1     1     1     1     1     1     2     1     1     1     1     1     1
## 11639 11640 11641 11642 11643 11644 11645 11646 11647 11648 11649 11650 11651
##     1     2     1     1     2     1     1     1     1     1     1     1     1
## 11652 11653 11654 11655 11656 11657 11658 11660 11661 11662 11663 11664 11665
##     1     1     1     1     1     1     1     1     1     1     1     1     2
## 11666 11667 11668 11669 11670 11671 11672 11673 11674 11675 11676 11677 11678
##     1     1     1     1     2     1     1     1     1     1     1     1     1
## 11679 11680 11681 11682 11683 11684 11685 11686 11687 11688 11689 11690 11691
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 11692 11693 11694 11695 11696 11697 11698 11699 11700 11701 11702 11703 11704
##     1     1     2     1     2     1     1     1     1     1     2     1     1
## 11705 11706 11707 11708 11709 11710 11711 11712 11713 11714 11715 11716 11717
##     1     1     1     1     1     1     1     1     1     2     1     1     1
## 11718 11719 11720 11721 11722 11723 11724 11725 11726 11727 11728 11729 11730
##     1     1     1     1     1     2     1     1     1     1     1     1     1
## 11731 11732 11733 11735 11736 11737 11738 11739 11740 11741 11742 11743 11744
##     1     1     1     1     2     2     2     2     1     1     1     1     2
## 11745 11746 11747 11749 11750 11751 11752 11753 11754 11755 11756 11757 11758
##     1     1     1     1     1     2     1     1     1     1     2     1     1
## 11759 11760 11761 11762 11763 11764 11765 11766 11767 11768 11769 11770 11771
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 11772 11773 11774 11775 11776 11777 11778 11779 11780 11781 11782 11783 11784
##     1     1     2     1     1     2     1     1     1     1     1     1     1
## 11785 11786 11787 11788 11789 11790 11791 11792 11793 11794 11795 11796 11797
##     1     1     1     1     1     1     1     1     1     1     1     1     1
```

```
## 11798 11799 11800 11801 11803 11804 11805 11806 11807 11808 11809 11810 11811
##     2     1     1     1     1     1     2     1     1     1     1     1     1
## 11812 11813 11815 11816 11817 11818 11819 11820 11821 11822 11823 11824 11825
##     1     1     1     1     1     1     1     1     1     1     2     1     1
## 11826 11827 11829 11830 11831 11832 11833 11834 11835 11836 11837 11838 11839
##     1     2     2     2     2     1     2     2     1     1     1     1     1
## 11840 11841 11842 11843 11844 11845 11846 11847 11848 11849 11850 11851 11852
##     1     1     1     1     1     1     2     1     1     1     1     2     2
## 11853 11854 11855 11856 11857 11858 11859 11860 11861 11862 11863 11864 11865
##     2     2     2     2     1     1     2     1     1     1     1     2     1
## 11866 11867 11868 11869 11870 11871 11872 11873 11874 11875 11876 11877 11878
##     1     2     1     1     1     1     2     1     1     1     1     1     1
## 11879 11880 11881 11882 11883 11884 11885 11886 11887 11888 11889 11890 11891
##     1     1     1     1     1     1     1     1     1     1     2     1     1
## 11892 11893 11894 11895 11896 11897 11898 11899 11900 11901 11902 11903 11904
##     1     1     1     1     2     1     1     1     1     1     2     1     1
## 11905 11906 11907 11908 11909 11910 11911 11912 11913 11914 11915 11916 11917
##     2     2     1     2     1     1     1     1     2     1     1     1     2
## 11918 11919 11920 11921 11922 11923 11924 11925 11926 11927 11928 11929 11930
##     2     1     1     2     1     2     1     1     1     1     1     1     1
## 11931 11932 11933 11934 11936 11937 11938 11940 11941 11942 11943 11944 11945
##     1     2     1     1     1     2     1     1     1     1     1     1     1
## 11946 11947 11948 11949 11950 11951 11952 11953 11954 11955 11956 11957 11958
##     1     1     1     1     2     1     1     1     1     1     1     1     1
## 11959 11960 11961 11962 11963 11964 11965 11966 11967 11968 11969 11970 11971
##     1     1     1     2     1     1     1     2     1     1     1     1     1
## 11972 11973 11974 11975 11976 11977 11978 11979 11980 11981 11982 11983 11984
##     1     1     1     1     1     1     2     1     1     1     1     1     1
## 11985 11986 11987 11988 11989 11990 11991 11992 11993 11994 11995 11996 11997
##     1     1     2     1     2     1     1     2     1     1     2     1     1
## 11998 11999 12000 12001 12002 12003 12004 12005 12006 12007 12008 12009 12010
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 12011 12012 12013 12014 12015 12016 12017 12018 12019 12020 12021 12022 12023
##     1     1     1     1     1     1     1     1     1     2     1     1     1
## 12024 12025 12026 12027 12028 12029 12030 12031 12032 12033 12034 12035 12036
##     1     1     1     1     2     1     1     1     1     1     1     1     1
## 12037 12038 12039 12040 12041 12042 12043 12044 12045 12046 12047 12048 12049
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 12050 12051 12052 12053 12054 12055 12056 12057 12058 12059 12060 12061 12062
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 12063 12064 12065 12066 12067 12068 12069 12070 12071 12072 12073 12074 12075
##     1     1     1     1     1     1     1     2     1     1     1     1     1
## 12076 12077 12078 12079 12080 12081 12082 12083 12084 12085 12086 12087 12088
##     1     1     1     1     1     1     1     1     1     1     1     1     1
## 12089 12090 12091 12092 12093 12094 12095 12096 12097 12098 12099 12100 12101
##     1     2     1     1     1     1     1     2     2     1     1     1     1
## 12102 12103 12104 12105 12106 12107 12108 12109 12110 12111 12112 12113 12114
##     1     2     1     1     1     2     1     1     1     1     1     1     1
## 12115 12116 12117 12118 12119 12120 12121 12122 12123 12124 12125 12126 12127
##     1     1     1     1     1     1     2     1     2     1     1     1     1
## 12128 12129 12130 12131 12132 12133 12134 12135 12136 12137 12138 12139 12140
##     1     1     2     1     1     1     1     1     1     1     1     1     2
## 12141 12142 12143 12144 12145 12146 12147 12148 12149 12150 12151 12152 12153
##     1     2     1     2     1     1     1     1     2     1     1     1     2
```

```
## 12154 12155 12156 12157 12158 12159 12161 12162 12163 12164 12165 12166 12167
##     1     1     1     1     1     1     1     2     1     1     1     1     2
## 12168 12169 12170 12171 12172 12173 12174 12175 12176 12177 12178 12179 12180
##     1     1     1     1     2     1     1     1     1     1     1     2     2
## 12182 12183 12184 12185 12187 12188 12189 12190 12191 12192 12193 12194 12195
##     1     1     1     1     1     1     2     1     2     2     1     1     1
## 12196 12197 12198 12199 12200 12201 12202 12203 12204 12205 12206 12207 12208
##     1     1     1     1     1     1     1     1     1     1     1     1     2
## 12209 12210 12211 12212 12213 12214 12215 12216 12217 12218 12219 12220 12221
##     1     1     1     1     1     1     1     1     2     1     1     1     1
## 12222 12223 12224 12225 12226 12227 12228 12229 12230 12231 12232 12233 12234
##     1     1     1     1     1     1     1     1     2     1     1     1     1
## 12235 12236 12237 12238 12239 12240 12241 12242 12243 12244 12245 12246 12247
##     1     1     2     2     1     1     1     1     1     1     2     1     1
## 12248 12249 12250 12251 12252 12253 12254 12255 12256 12257 12258 12259 12260
##     1     1     1     2     1     1     1     1     2     1     1     1     1
## 12261 12262 12263 12264 12265 12266 12267 12268 12269 12270 12271 12272 12273
##     2     1     1     1     1     1     1     1     1     1     2     1     1
## 12274 12275 12276 12277 12278 12279 12280 12281 12282 12283 12284 12285 12286
##     1     1     1     1     1     2     1     1     1     2     1     1     2
## 12287 12288 12289 12290 12291 12292 12293 12294 12295 12296 12297 12298 12299
##     1     2     1     1     1     1     1     1     1     1     1     1     1
## 12300 12301 12302 12303 12304 12305 12306 12307 12308 12309 12310 12311 12312
##     1     1     1     1     1     1     1     1     1     1     1     1     2
## 12313 12314 12315 12316 12317 12318 12319 12320 12321 12322 12323 12324 12325
##     2     1     1     1     1     2     1     1     1     1     1     1     1
## 12326 12327 12328 12329 12330
##     1     1     1     1     1
```

```
#Viewing the values of the average score by each cluster for the interested column.
result$centers
```

```
##   Administrative Administrative_Duration Informational Informational_Duration
## 1       2.022032              0.02145295     0.3991615             0.01074667
## 2       5.948381              0.05685366     1.7530364             0.05155554
##   ProductRelated ProductRelated_Duration BounceRates  ExitRates PageValues
## 1       21.89912               0.0132176 0.021728309 0.04352682   5.843768
## 2      147.33806               0.0832613 0.005904499 0.01846159   7.186305
##   SpecialDay Month.Dec   Month.Feb  Month.Jul Month.June  Month.Mar Month.May
## 1 0.06313442 0.1422710 0.016055660 0.03434127 0.02274552 0.16251895 0.2820444
## 2 0.04878543 0.1123482 0.002024291 0.04757085 0.03036437 0.03137652 0.1680162
##   Month.Nov  Month.Oct  Month.Sep OperatingSystems.2 OperatingSystems.3
## 1 0.2237981 0.04513424 0.03710641          0.5223441          0.2117563
## 2 0.4797571 0.04352227 0.03238866          0.6882591          0.1578947
##   OperatingSystems.4 OperatingSystems.5 OperatingSystems.6 OperatingSystems.7
## 1         0.03906877       0.0005351887        0.001605566       0.0006243868
## 2         0.04048583       0.0000000000        0.001012146       0.0000000000
##   OperatingSystems.8 Browser.2   Browser.3  Browser.4  Browser.5  Browser.6
## 1        0.006600660 0.6345553 0.009276603 0.06074391 0.03844438 0.01462849
## 2        0.001012146 0.7732794 0.001012146 0.04959514 0.03542510 0.01012146
##     Browser.7   Browser.8    Browser.9 Browser.10   Browser.11   Browser.12
## 1 0.004103113 0.011952547 8.919811e-05 0.01329052 0.0005351887 0.0008919811
## 2 0.003036437 0.001012146 0.000000e+00 0.01417004 0.0000000000 0.0000000000
##    Browser.13   Region.2  Region.3   Region.4   Region.5   Region.6   Region.7
```

```
## 1 0.004905896 0.09347962 0.1958790 0.09606636 0.02622424 0.06743377 0.06279547
## 2 0.001012146 0.07995951 0.1882591 0.09210526 0.02327935 0.04453441 0.05465587
##     Region.8   Region.9 TrafficType.2 TrafficType.3 TrafficType.4 TrafficType.5
## 1 0.03585764 0.04192311     0.3119258     0.1691196    0.09026849    0.02256712
## 2 0.02935223 0.03542510     0.4149798     0.1224696    0.05465587    0.00708502
##   TrafficType.6 TrafficType.7 TrafficType.8 TrafficType.9 TrafficType.10
## 1    0.03639283   0.003389528    0.02916778   0.003657122     0.03621443
## 2    0.03542510   0.002024291    0.01619433   0.000000000     0.04453441
##   TrafficType.11 TrafficType.12 TrafficType.13 TrafficType.14 TrafficType.15
## 1     0.02096156   8.919811e-05     0.05869236   0.0009811792    0.003121934
## 2     0.01214575   0.000000e+00     0.07085020   0.0020242915    0.001012146
##   TrafficType.16 TrafficType.17 TrafficType.18 TrafficType.19 TrafficType.20
## 1   0.0002675943   8.919811e-05   0.0008919811    0.001427170    0.016769244
## 2   0.0000000000   0.000000e+00   0.0000000000    0.001012146    0.005060729
##   VisitorType.Other VisitorType.Returning_Visitor Weekend.TRUE
## 1       0.007135849                     0.8436357    0.2335206
## 2       0.001012146                     0.9787449    0.2408907
```

```r
#Viewing the size of the cluster
result$size
```

```
## [1] 11211   988
```

Visualizing how the data points of the numeric columns have been distributed

```r
#Visualizing the first 6
par(mfrow=c(3,2))
plot(df4[c(1,1)], col = result$cluster)
plot(df4[c(1,2)], col = result$cluster)
plot(df4[c(1,3)], col = result$cluster)
plot(df4[c(1,4)], col = result$cluster)
plot(df4[c(1,5)], col = result$cluster)
plot(df4[c(1,6)], col = result$cluster)
```

```
#Visualizing the remaining 4 numeric columns
par(mfrow=c(2,2))
plot(df4[c(1,7)], col = result$cluster)
plot(df4[c(1,8)], col = result$cluster)
plot(df4[c(1,9)], col = result$cluster)
plot(df4[c(1,10)], col = result$cluster)
```

```
#Visualizing our results by using fviz_cluster
fviz_cluster(result, data = df4[, -5],
             palette = c("#2E9FDF", "#00AFBB"),
             geom = "point",
             ellipse.type = "convex",
             ggtheme = theme_bw()
             )
```

```
#Using several different values of k and examining the differences in the results.
k3 <- kmeans(df4, 3)
k4 <- kmeans(df4, 4)
k5 <- kmeans(df4, 5)

# plots to compare
p1 <- fviz_cluster(result, geom = "point", data = df4) + ggtitle("k = 2")
p2 <- fviz_cluster(k3, geom = "point",  data = df4) + ggtitle("k = 3")
p3 <- fviz_cluster(k4, geom = "point",  data = df4) + ggtitle("k = 4")
p4 <- fviz_cluster(k5, geom = "point",  data = df4) + ggtitle("k = 5")

library(gridExtra)
```

```
##
## Attaching package: 'gridExtra'

## The following object is masked from 'package:dplyr':
##
##     combine
```

```
grid.arrange(p1, p2, p3, p4, nrow = 2)
```

This visual assessment gives us different clusters and the the k =2 proves to be the best in our case.

```
a <- table(result$cluster, df3.class)
a
```

```
##    df3.class
##     FALSE TRUE
##   1  9588 1623
##   2   703  285
```

```
#Evaluating our model using the accuracy score
accuracy <- function(x){sum(diag(x)/(sum(rowSums(x)))) * 100}
accuracy(a)
```

```
## [1] 80.93286
```

Our model has achieved an accuracy of 80.93% and this is not such a bad model.

c.) Hierarchical Clustering

```
# We now use the R function hclust() for hierarchical clustering
# First we use the dist() function to compute the Euclidean distance between observations,
# d will be the first argument in the hclust() function dissimilarity matrix
```

```r
set.seed(500)
d <- dist(df4, method = "euclidean")
#Performing hierarchical clustering using the Ward's method
res.hc <- hclust(d, method = "ward.D2" )
```

```r
#PLotting the obtained dendrogram
plot(res.hc, cex = 0.6, hang = -1)
```

The Cluster obtained from the above dendogram is very inconclusive and we can not properly draw meaningful conclusions from it. However the dendrogram is built and every data point finally merges into 3 clusters with the height(distance) shown on the y-axis.

10. Challenging the Solution

The Hierarchical clustering could be improved by cutting the dendrogram in order to create the desired number of clusters. After cutting the dendogram, we could append the cluster results obtained back in the original dataframe under a column then count how many observations were assigned to each cluster. We will be able to see how many observations were assigned in each cluster.

11. Conclusions and Recommendations

The K-means cluster is a more recommended model compared to the Hierarchical Clustering as we were able to use the Silhouette plot to find the optimal number of clusters.

The K-means is also less computationally expensive than hierarchical clustering and can be run on large datasets within a reasonable time frame as we have seen. The dendogram from the hierarchical clustering had very inconclusive results due to a lot of columns and a huge dataset.