

# DATA 621: BUSINESS ANALYTICS AND DATA MINING

## FINAL PROJECT

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### Load the data

hate\_crime.csv

```
df_hate_crime <-  
  read.csv(paste0(git_url,"hate_crime.csv"))  
head(df_hate_crime,n=3)
```

```
## incident_id data_year ori pug_agency_name pub_agency_unit  
## 1 43 1991 AR0350100 Pine Bluff  
## 2 44 1991 AR0350100 Pine Bluff  
## 3 45 1991 AR0600300 North Little Rock  
## agency_type_name state_abbr state_name division_name region_name  
## 1 City AR Arkansas West South Central South  
## 2 City AR Arkansas West South Central South  
## 3 City AR Arkansas West South Central South  
## population_group_code population_group_description incident_date  
## 1 3 Cities from 50,000 thru 99,999 7/4/1991  
## 2 3 Cities from 50,000 thru 99,999 12/24/1991  
## 3 3 Cities from 50,000 thru 99,999 7/10/1991  
## adult_victim_count juvenile_victim_count total_offender_count  
## 1 NA NA 1  
## 2 NA NA 1  
## 3 NA NA 1  
## adult_offender_count juvenile_offender_count offender_race  
## 1 NA NA Black or African American  
## 2 NA NA Black or African American  
## 3 NA NA Black or African American  
## offender_ethnicity victim_count  
## 1 Not Specified 1  
## 2 Not Specified 2  
## 3 Not Specified 2  
## offense_name  
## 1 Aggravated Assault  
## 2 Aggravated Assault;Destruction/Damage/Vandalism of Property  
## 3 Aggravated Assault;Murder and Nonnegligent Manslaughter  
## total_individual_victims location_name
```

```
## 1          1          Residence/Home
## 2          1 Highway/Road/Alley/Street/Sidewalk
## 3          2          Residence/Home
##          bias_desc victim_types multiple_offense multiple_bias
## 1 Anti-Black or African American Individual S S
## 2          Anti-White Individual M S
## 3          Anti-White Individual M S
```

## Summary data

df\_hate\_crime

### Summary

```
## incident_id      data_year      ori      pug_agency_name
## Min.   :      2  Min.   :1991  Length:241663  Length:241663
## 1st Qu.: 60446  1st Qu.:1999  Class :character  Class :character
## Median :120873  Median :2006  Mode  :character  Mode  :character
## Mean   :349025  Mean   :2007
## 3rd Qu.:181301  3rd Qu.:2016
## Max.   :1494167  Max.   :2022
##
## pub_agency_unit  agency_type_name  state_abbr  state_name
## Length:241663  Length:241663  Length:241663  Length:241663
## Class :character  Class :character  Class :character  Class :character
## Mode  :character  Mode  :character  Mode  :character  Mode  :character
##
##
##
##
## division_name    region_name    population_group_code
## Length:241663  Length:241663  Length:241663
## Class :character  Class :character  Class :character
## Mode  :character  Mode  :character  Mode  :character
##
##
##
##
## population_group_description incident_date  adult_victim_count
## Length:241663  Length:241663  Min.   : 0.00
## Class :character  Class :character  1st Qu.: 0.00
## Mode  :character  Mode  :character  Median : 1.00
##                               Mean   : 0.73
##                               3rd Qu.: 1.00
##                               Max.   :146.00
##                               NA's   :170538
## juvenile_victim_count total_offender_count adult_offender_count
## Min.   : 0.0  Min.   : 0.0000  Min.   : 0.00
## 1st Qu.: 0.0  1st Qu.: 0.0000  1st Qu.: 0.00
## Median : 0.0  Median : 1.0000  Median : 0.00
## Mean   : 0.1  Mean   : 0.9559  Mean   : 0.61
## 3rd Qu.: 0.0  3rd Qu.: 1.0000  3rd Qu.: 1.00
```

```

## Max. :60.0 Max. :99.0000 Max. :60.00
## NA's :172978 NA's :177148
## juvenile_offender_count offender_race offender_ethnicity
## Min. : 0.00 Length:241663 Length:241663
## 1st Qu.: 0.00 Class :character Class :character
## Median : 0.00 Mode :character Mode :character
## Mean : 0.12
## 3rd Qu.: 0.00
## Max. :20.00
## NA's :177155
## victim_count offense_name total_individual_victims
## Min. : 1.000 Length:241663 Min. : 0.000
## 1st Qu.: 1.000 Class :character 1st Qu.: 1.000
## Median : 1.000 Mode :character Median : 1.000
## Mean : 1.242 Mean : 0.989
## 3rd Qu.: 1.000 3rd Qu.: 1.000
## Max. :900.000 Max. :147.000
## NA's :4859
## location_name bias_desc victim_types multiple_offense
## Length:241663 Length:241663 Length:241663 Length:241663
## Class :character Class :character Class :character Class :character
## Mode :character Mode :character Mode :character Mode :character
##
##
##
## multiple_bias
## Length:241663
## Class :character
## Mode :character
##
##
##
##
str

## 'data.frame': 241663 obs. of 28 variables:
## $ incident_id : int 43 44 45 46 47 3015 3016 3017 3018 3019 ...
## $ data_year : int 1991 1991 1991 1991 1991 1991 1991 1991 1991 1991 ...
## $ ori : chr "AR0350100" "AR0350100" "AR0600300" "AR0600300" ...
## $ pug_agency_name : chr "Pine Bluff" "Pine Bluff" "North Little Rock" "North Little Rock" ...
## $ pub_agency_unit : chr "" "" "" "" ...
## $ agency_type_name : chr "City" "City" "City" "City" ...
## $ state_abbr : chr "AR" "AR" "AR" "AR" ...
## $ state_name : chr "Arkansas" "Arkansas" "Arkansas" "Arkansas" ...
## $ division_name : chr "West South Central" "West South Central" "West South Central" ...
## $ region_name : chr "South" "South" "South" "South" ...
## $ population_group_code : chr "3" "3" "3" "3" ...
## $ population_group_description: chr "Cities from 50,000 thru 99,999" "Cities from 50,000 thru 99,999" ...
## $ incident_date : chr "7/4/1991" "12/24/1991" "7/10/1991" "10/6/1991" ...
## $ adult_victim_count : int NA NA NA NA NA NA NA NA NA NA ...
## $ juvenile_victim_count : int NA NA NA NA NA NA NA NA NA NA ...

```

```
## $ total_offender_count      : int  1 1 1 2 1 1 1 1 1 2 ...
## $ adult_offender_count      : int  NA NA NA NA NA NA NA NA NA NA ...
## $ juvenile_offender_count   : int  NA NA NA NA NA NA NA NA NA NA ...
## $ offender_race             : chr   "Black or African American" "Black or African American" "Black
## $ offender_ethnicity        : chr   "Not Specified" "Not Specified" "Not Specified" "Not Specified
## $ victim_count              : int  1 2 2 1 1 1 1 1 1 1 ...
## $ offense_name              : chr   "Aggravated Assault" "Aggravated Assault;Destruction/Damage/Van
## $ total_individual_victims   : int  1 1 2 1 1 1 1 1 1 1 ...
## $ location_name             : chr   "Residence/Home" "Highway/Road/Alley/Street/Sidewalk" "Residen
## $ bias_desc                 : chr   "Anti-Black or African American" "Anti-White" "Anti-White" "An
## $ victim_types              : chr   "Individual" "Individual" "Individual" "Individual" ...
## $ multiple_offense          : chr   "S" "M" "M" "S" ...
## $ multiple_bias             : chr   "S" "S" "S" "S" ...
```

skim

```
## -- Data Summary -----
##                               Values
## Name                        df_hate_crime
## Number of rows              241663
## Number of columns           28
## -----
## Column type frequency:
##   character                  19
##   numeric                    9
## -----
## Group variables              None
##
## -- Variable type: character -----
##   skim_variable      n_missing complete_rate min max  empty n_unique
## 1 ori                  0              1  9  9      0    10409
## 2 pug_agency_name      0              1  3  67      0     6942
## 3 pub_agency_unit      0              1  0  37 234474     690
## 4 agency_type_name     0              1  4  21      0        8
## 5 state_abbr           0              1  2   2      0       53
## 6 state_name           0              1  4  20      0       53
## 7 division_name        0              1  5  18      0       11
## 8 region_name          0              1  4  16      0        6
## 9 population_group_code 0              1  0   2    555       21
## 10 population_group_description 0              1  0  67    555       21
## 11 incident_date        0              1  8  10      0    11688
## 12 offender_race        0              1  5  41      0        8
## 13 offender_ethnicity    0              1  7  22      0        5
## 14 offense_name         0              1  4 125      0     399
## 15 location_name        0              1  9  81      0     149
## 16 bias_desc            0              1  9 163      0     373
## 17 victim_types         0              1  5  53      0       55
## 18 multiple_offense     0              1  1   1      0        2
## 19 multiple_bias        0              1  1   1      0        2
##   whitespace
## 1           0
## 2           0
## 3           0
```

```
## 4      0
## 5      0
## 6      0
## 7      0
## 8      0
## 9      0
## 10     0
## 11     0
## 12     0
## 13     0
## 14     0
## 15     0
## 16     0
## 17     0
## 18     0
## 19     0
##
## -- Variable type: numeric -----
##   skim_variable      n_missing complete_rate      mean      sd    p0
## 1 incident_id         0           1    349025.    517581.    2
## 2 data_year           0           1     2007.      9.41   1991
## 3 adult_victim_count  170538       0.294     0.729     1.13    0
## 4 juvenile_victim_count 172978       0.284     0.101     0.502    0
## 5 total_offender_count    0           1     0.956     1.32    0
## 6 adult_offender_count  177148       0.267     0.609     0.820    0
## 7 juvenile_offender_count 177155       0.267     0.118     0.516    0
## 8 victim_count         0           1     1.24      2.18    1
## 9 total_individual_victims 4859       0.980     0.989     1.15    0
##      p25    p50    p75    p100 hist
## 1 60446. 120873 181300. 1494167
## 2 1999    2006    2016    2022
## 3 0        1      1      146
## 4 0        0      0      60
## 5 0        1      1      99
## 6 0        0      1      60
## 7 0        0      0      20
## 8 1        1      1      900
## 9 1        1      1      147
```

## Binary Column and Count

```
## Number of Antisemitic column reports in hatecrime.csv is: 30469 out of 241663
```

## Data Transformation

### Changing Categorical Values to Numeric

Categorical values are transformed using there frequency counts

```
df_hate_corr <- df_hate_crime
# frequency_map <- table(df_hate_crime$incident_id)
```

```

# df_hate_crime$incident_id_freq <- frequency_map[df_hate_crime$incident_id]

add_freq <- function(data, column_name) {
  # Compute frequencies, including NAs
  frequency_map <- table(data[[column_name]], useNA = "always")

  # Create a new column with frequency encoding (including NAs)
  new_col_name <- paste0(column_name, "_freq")
  data[[new_col_name]] <- frequency_map[match(data[[column_name]], names(frequency_map))]

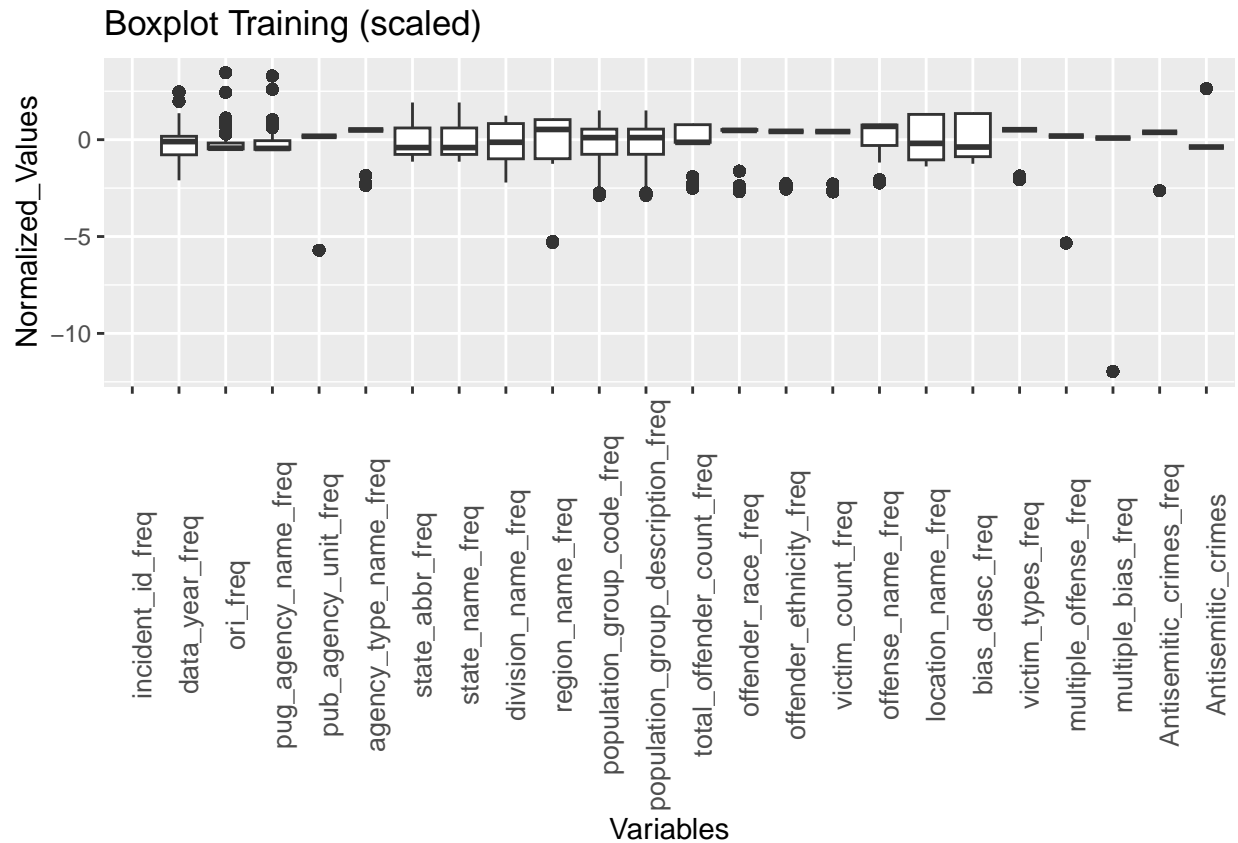
  return(data)
}

# Loop through all columns and add frequency encoding columns (including NAs)
for (col in names(df_hate_corr)) {
  df_hate_corr <- add_freq(df_hate_corr, col)
}

# selecting only numeric columns
df_hate_corr <- df_hate_corr %>%
  dplyr::select(matches("_freq"), matches("^Anti"))

df_hate_corr %>%
  scale() %>%
  as.data.frame() %>%
  stack() %>%
  ggplot(aes(x = ind, y = values)) +
  geom_boxplot() +
  labs(title = 'Boxplot Training (scaled)',
       x = 'Variables',
       y = 'Normalized_Values') +
  theme(axis.text.x = element_text(size = 10, angle = 90))

```



## Train | Test data creation

```
set.seed(123)

train_indices <- sample(seq_len(nrow(df_hate_corr)), 0.8 * nrow(df_hate_corr))

# Create training dataset
df_hate_train <- df_hate_corr[train_indices, ]

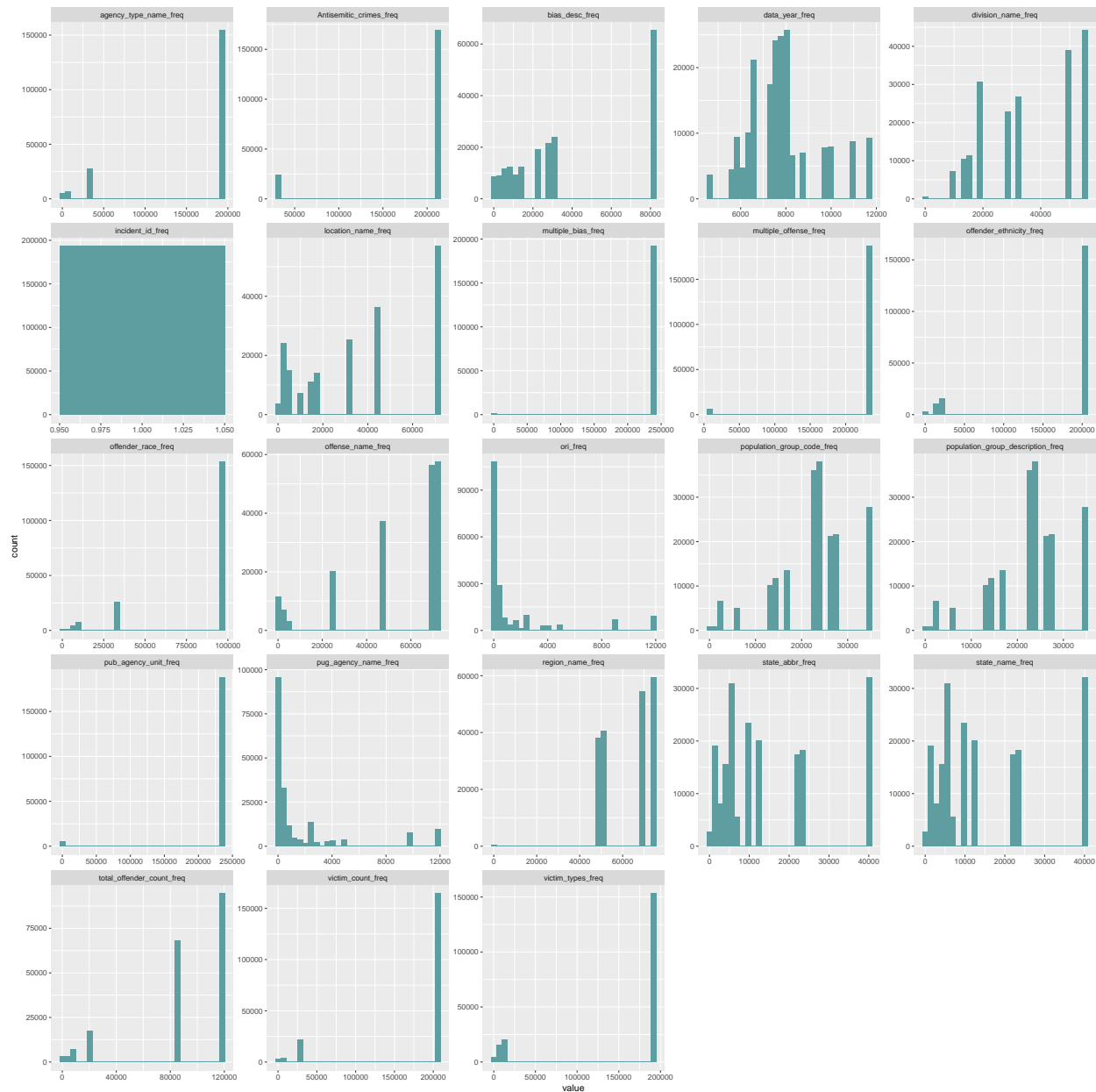
# Create test dataset
df_hate_test <- df_hate_corr[-train_indices, ]
```

## Visual

### Train Histogram

```
df_hate_train %>%
  dplyr::select( ends_with("_freq"))%>%
  gather() %>%
  ggplot(aes(x = value)) +
  geom_histogram(fill = "cadetblue") +
  facet_wrap(~key, scales = "free")
```

```
## Don't know how to automatically pick scale for object of type <table>.
## Defaulting to continuous.
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```

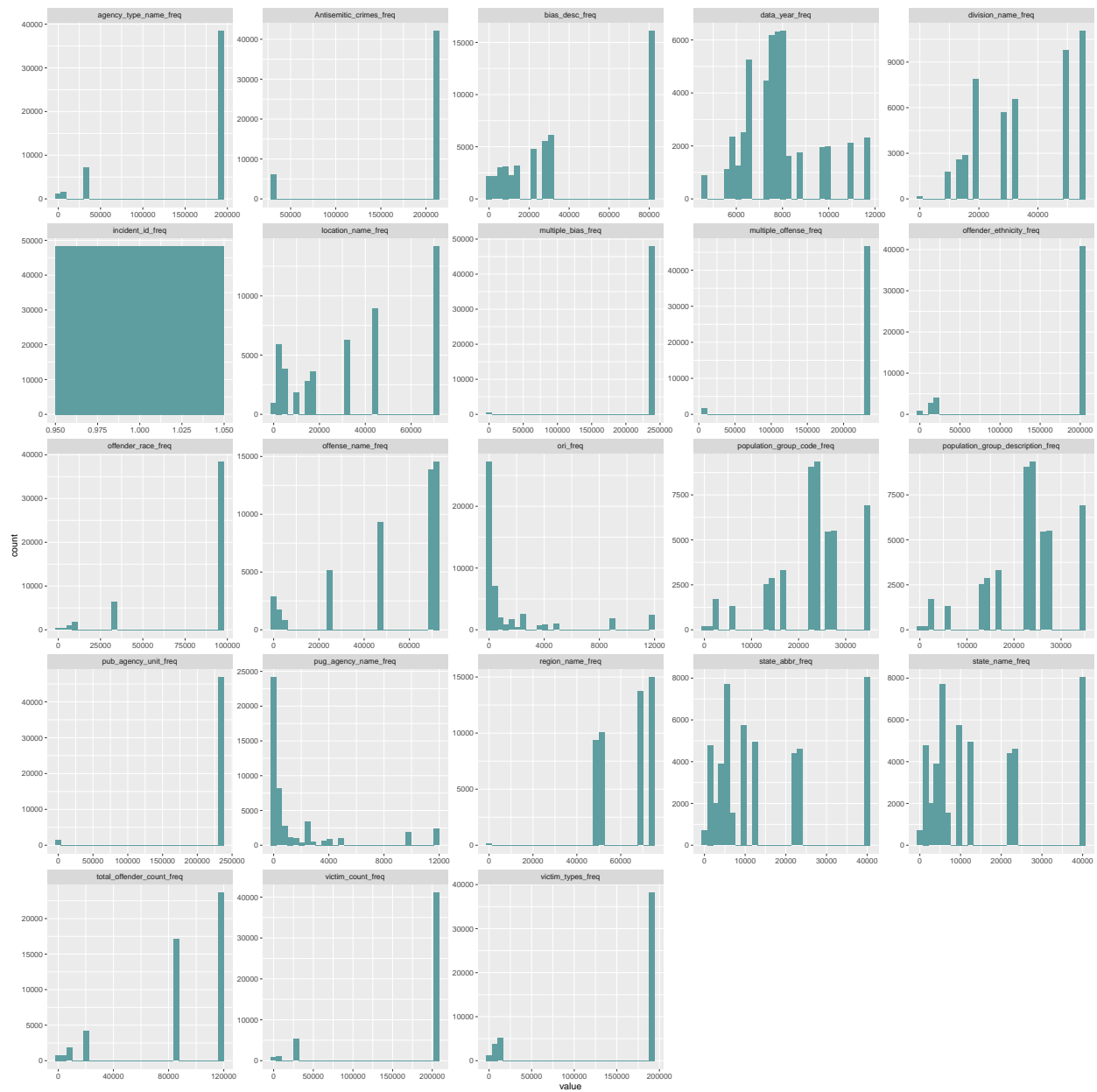


## Test Histogram

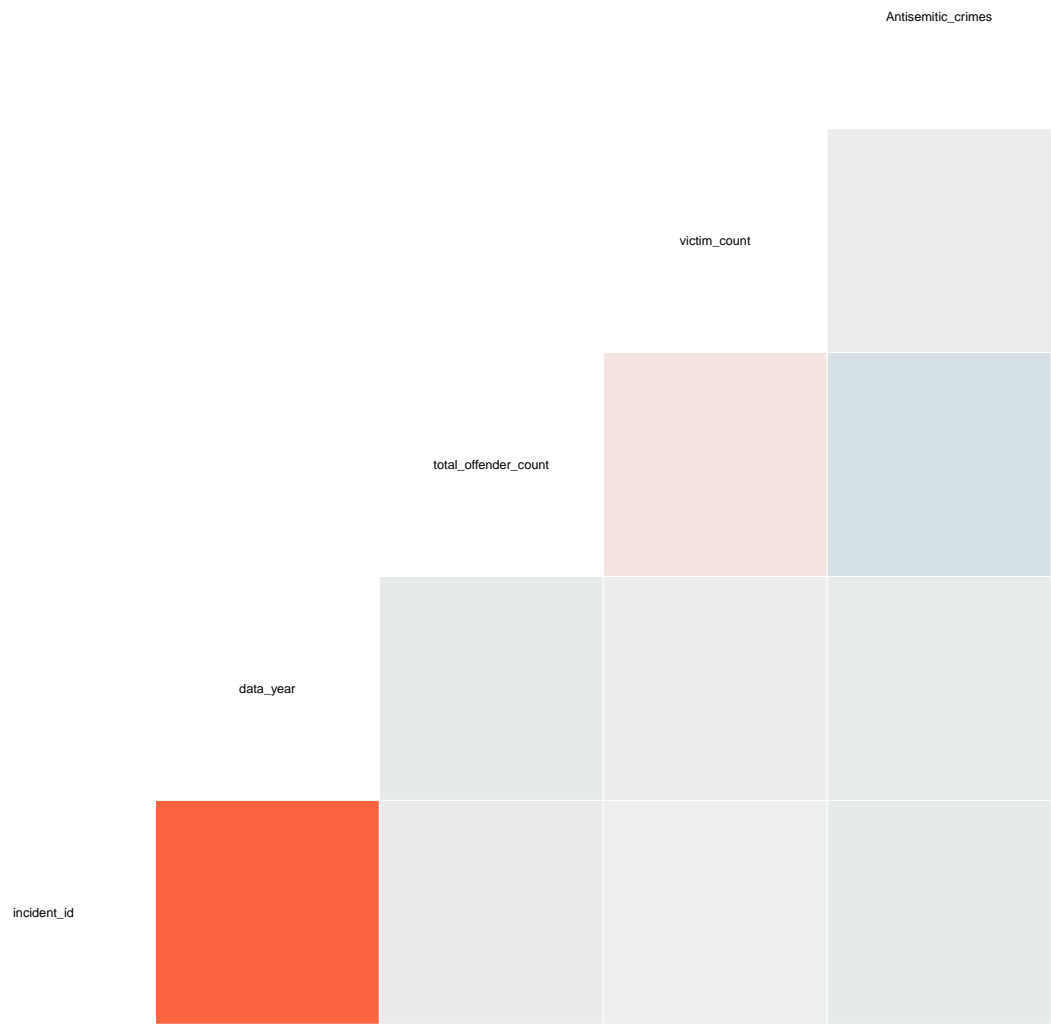
```
df_hate_test %>%
  dplyr::select( ends_with("_freq"))%>%
  gather() %>%
  ggplot(aes(x = value)) +
  geom_histogram(fill = "cadetblue") +
  facet_wrap(~key, scales = "free")
```



```
## Don't know how to automatically pick scale for object of type <table>.
## Defaulting to continuous.
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```



Correlation plots



df\_hate\_crime

df\_hate\_train

| ##                       | incident_id_freq | data_year_freq | ori_freq     |
|--------------------------|------------------|----------------|--------------|
| ## incident_id_freq      | 1                | NA             | NA           |
| ## data_year_freq        | NA               | 1.000000000    | -0.013871933 |
| ## ori_freq              | NA               | -0.013871933   | 1.000000000  |
| ## pug_agency_name_freq  | NA               | -0.009026709   | 0.978751858  |
| ## pub_agency_unit_freq  | NA               | -0.008593493   | 0.083213106  |
| ## agency_type_name_freq | NA               | -0.008639880   | 0.174126507  |
| ## state_abbr_freq       | NA               | 0.031645826    | 0.304742487  |
| ## state_name_freq       | NA               | 0.031645826    | 0.304742487  |

|                                      |                       |                      |              |
|--------------------------------------|-----------------------|----------------------|--------------|
| ## division_name_freq                | NA                    | 0.015078796          | 0.282266363  |
| ## region_name_freq                  | NA                    | -0.003347976         | 0.269982508  |
| ## population_group_code_freq        | NA                    | -0.012610023         | 0.519418276  |
| ## population_group_description_freq | NA                    | -0.012610023         | 0.519418276  |
| ## total_offender_count_freq         | NA                    | 0.054281506          | 0.002937708  |
| ## offender_race_freq                | NA                    | -0.149113424         | -0.002460414 |
| ## offender_ethnicity_freq           | NA                    | -0.341244470         | 0.052554142  |
| ## victim_count_freq                 | NA                    | 0.019239989          | 0.050706014  |
| ## offense_name_freq                 | NA                    | -0.012883781         | 0.034001332  |
| ## location_name_freq                | NA                    | -0.037712625         | 0.019486068  |
| ## bias_desc_freq                    | NA                    | -0.028375268         | -0.067555490 |
| ## victim_types_freq                 | NA                    | 0.001542626          | -0.046663692 |
| ## multiple_offense_freq             | NA                    | -0.008431119         | 0.052586233  |
| ## multiple_bias_freq                | NA                    | -0.088979373         | 0.024194291  |
| ## Antisemitic_crimes_freq           | NA                    | 0.032244528          | -0.175632995 |
| ## Antisemitic_crimes                | NA                    | -0.032244528         | 0.175632995  |
| ##                                   |                       |                      |              |
|                                      | pug_agency_name_freq  | pub_agency_unit_freq |              |
| ## incident_id_freq                  | NA                    | NA                   |              |
| ## data_year_freq                    | -0.0090267094         | -0.0085934926        |              |
| ## ori_freq                          | 0.9787518580          | 0.0832131065         |              |
| ## pug_agency_name_freq              | 1.0000000000          | 0.0244091045         |              |
| ## pub_agency_unit_freq              | 0.0244091045          | 1.0000000000         |              |
| ## agency_type_name_freq             | 0.1253116828          | 0.4026528884         |              |
| ## state_abbr_freq                   | 0.3341394016          | 0.0184870773         |              |
| ## state_name_freq                   | 0.3341394016          | 0.0184870773         |              |
| ## division_name_freq                | 0.3015699161          | 0.0089649710         |              |
| ## region_name_freq                  | 0.2802497543          | 0.0680044189         |              |
| ## population_group_code_freq        | 0.4890648899          | 0.3183436799         |              |
| ## population_group_description_freq | 0.4890648899          | 0.3183436799         |              |
| ## total_offender_count_freq         | 0.0003490475          | -0.0086457578        |              |
| ## offender_race_freq                | 0.0005322316          | -0.0271880690        |              |
| ## offender_ethnicity_freq           | 0.0468513847          | 0.0026724826         |              |
| ## victim_count_freq                 | 0.0494492587          | -0.0066972613        |              |
| ## offense_name_freq                 | 0.0273213134          | -0.0196243331        |              |
| ## location_name_freq                | 0.0193409017          | 0.0481590596         |              |
| ## bias_desc_freq                    | -0.0645411554         | -0.0113326741        |              |
| ## victim_types_freq                 | -0.0406288469         | 0.0726715121         |              |
| ## multiple_offense_freq             | 0.0493994452          | -0.0009951712        |              |
| ## multiple_bias_freq                | 0.0258286043          | 0.0038363575         |              |
| ## Antisemitic_crimes_freq           | -0.1657299726         | 0.0100349347         |              |
| ## Antisemitic_crimes                | 0.1657299726          | -0.0100349347        |              |
| ##                                   |                       |                      |              |
|                                      | agency_type_name_freq | state_abbr_freq      |              |
| ## incident_id_freq                  | NA                    | NA                   |              |
| ## data_year_freq                    | -0.0086398804         | 0.031645826          |              |
| ## ori_freq                          | 0.1741265071          | 0.304742487          |              |
| ## pug_agency_name_freq              | 0.1253116828          | 0.334139402          |              |
| ## pub_agency_unit_freq              | 0.4026528884          | 0.018487077          |              |
| ## agency_type_name_freq             | 1.0000000000          | 0.114402324          |              |
| ## state_abbr_freq                   | 0.1144023242          | 1.000000000          |              |
| ## state_name_freq                   | 0.1144023242          | 1.000000000          |              |
| ## division_name_freq                | 0.0712117000          | 0.750876436          |              |
| ## region_name_freq                  | 0.1659341904          | 0.565542814          |              |
| ## population_group_code_freq        | 0.5819465044          | 0.270791553          |              |
| ## population_group_description_freq | 0.5819465044          | 0.270791553          |              |

|                                      |                  |                            |
|--------------------------------------|------------------|----------------------------|
| ## total_offender_count_freq         | -0.0159341084    | -0.016465433               |
| ## offender_race_freq                | -0.0337024353    | 0.089461419                |
| ## offender_ethnicity_freq           | -0.0072585035    | 0.005548728                |
| ## victim_count_freq                 | 0.0008185340     | 0.038803416                |
| ## offense_name_freq                 | -0.0139839913    | 0.085988917                |
| ## location_name_freq                | 0.0481382017     | -0.010331819               |
| ## bias_desc_freq                    | -0.0160700528    | -0.022015592               |
| ## victim_types_freq                 | 0.1004581121     | -0.015155810               |
| ## multiple_offense_freq             | 0.0004102563     | 0.016582208                |
| ## multiple_bias_freq                | -0.0020385990    | 0.002446150                |
| ## Antisemitic_crimes_freq           | 0.0062762690     | -0.112879840               |
| ## Antisemitic_crimes                | -0.0062762690    | 0.112879840                |
| ##                                   | state_name_freq  | division_name_freq         |
| ## incident_id_freq                  | NA               | NA                         |
| ## data_year_freq                    | 0.031645826      | 0.015078796                |
| ## ori_freq                          | 0.304742487      | 0.282266363                |
| ## pug_agency_name_freq              | 0.334139402      | 0.301569916                |
| ## pub_agency_unit_freq              | 0.018487077      | 0.008964971                |
| ## agency_type_name_freq             | 0.114402324      | 0.071211700                |
| ## state_abbr_freq                   | 1.000000000      | 0.750876436                |
| ## state_name_freq                   | 1.000000000      | 0.750876436                |
| ## division_name_freq                | 0.750876436      | 1.000000000                |
| ## region_name_freq                  | 0.565542814      | 0.595152902                |
| ## population_group_code_freq        | 0.270791553      | 0.239753886                |
| ## population_group_description_freq | 0.270791553      | 0.239753886                |
| ## total_offender_count_freq         | -0.016465433     | -0.005135586               |
| ## offender_race_freq                | 0.089461419      | 0.073385878                |
| ## offender_ethnicity_freq           | 0.005548728      | 0.030195645                |
| ## victim_count_freq                 | 0.038803416      | 0.042751853                |
| ## offense_name_freq                 | 0.085988917      | 0.110222443                |
| ## location_name_freq                | -0.010331819     | -0.015593313               |
| ## bias_desc_freq                    | -0.022015592     | -0.016128311               |
| ## victim_types_freq                 | -0.015155810     | -0.050110925               |
| ## multiple_offense_freq             | 0.016582208      | 0.020505843                |
| ## multiple_bias_freq                | 0.002446150      | -0.002353156               |
| ## Antisemitic_crimes_freq           | -0.112879840     | -0.142115693               |
| ## Antisemitic_crimes                | 0.112879840      | 0.142115693                |
| ##                                   | region_name_freq | population_group_code_freq |
| ## incident_id_freq                  | NA               | NA                         |
| ## data_year_freq                    | -0.003347976     | -0.012610023               |
| ## ori_freq                          | 0.269982508      | 0.519418276                |
| ## pug_agency_name_freq              | 0.280249754      | 0.489064890                |
| ## pub_agency_unit_freq              | 0.068004419      | 0.318343680                |
| ## agency_type_name_freq             | 0.165934190      | 0.581946504                |
| ## state_abbr_freq                   | 0.565542814      | 0.270791553                |
| ## state_name_freq                   | 0.565542814      | 0.270791553                |
| ## division_name_freq                | 0.595152902      | 0.239753886                |
| ## region_name_freq                  | 1.000000000      | 0.285205125                |
| ## population_group_code_freq        | 0.285205125      | 1.000000000                |
| ## population_group_description_freq | 0.285205125      | 1.000000000                |
| ## total_offender_count_freq         | -0.013990120     | -0.025844677               |
| ## offender_race_freq                | 0.094519873      | 0.008164061                |
| ## offender_ethnicity_freq           | 0.015924135      | 0.027683017                |
| ## victim_count_freq                 | 0.002501637      | 0.027910392                |

|                                      |                                   |                    |
|--------------------------------------|-----------------------------------|--------------------|
| ## offense_name_freq                 | 0.102410551                       | 0.065311800        |
| ## location_name_freq                | -0.024821945                      | 0.027680903        |
| ## bias_desc_freq                    | -0.051355982                      | -0.020118975       |
| ## victim_types_freq                 | -0.027886958                      | 0.022821710        |
| ## multiple_offense_freq             | -0.001767274                      | 0.034804198        |
| ## multiple_bias_freq                | -0.015265828                      | 0.008339386        |
| ## Antisemitic_crimes_freq           | -0.125811774                      | -0.118374892       |
| ## Antisemitic_crimes                | 0.125811774                       | 0.118374892        |
| ##                                   | population_group_description_freq |                    |
| ## incident_id_freq                  |                                   | NA                 |
| ## data_year_freq                    |                                   | -0.012610023       |
| ## ori_freq                          |                                   | 0.519418276        |
| ## pug_agency_name_freq              |                                   | 0.489064890        |
| ## pub_agency_unit_freq              |                                   | 0.318343680        |
| ## agency_type_name_freq             |                                   | 0.581946504        |
| ## state_abbr_freq                   |                                   | 0.270791553        |
| ## state_name_freq                   |                                   | 0.270791553        |
| ## division_name_freq                |                                   | 0.239753886        |
| ## region_name_freq                  |                                   | 0.285205125        |
| ## population_group_code_freq        |                                   | 1.000000000        |
| ## population_group_description_freq |                                   | 1.000000000        |
| ## total_offender_count_freq         |                                   | -0.025844677       |
| ## offender_race_freq                |                                   | 0.008164061        |
| ## offender_ethnicity_freq           |                                   | 0.027683017        |
| ## victim_count_freq                 |                                   | 0.027910392        |
| ## offense_name_freq                 |                                   | 0.065311800        |
| ## location_name_freq                |                                   | 0.027680903        |
| ## bias_desc_freq                    |                                   | -0.020118975       |
| ## victim_types_freq                 |                                   | 0.022821710        |
| ## multiple_offense_freq             |                                   | 0.034804198        |
| ## multiple_bias_freq                |                                   | 0.008339386        |
| ## Antisemitic_crimes_freq           |                                   | -0.118374892       |
| ## Antisemitic_crimes                |                                   | 0.118374892        |
| ##                                   | total_offender_count_freq         | offender_race_freq |
| ## incident_id_freq                  |                                   | NA                 |
| ## data_year_freq                    |                                   | NA                 |
| ## ori_freq                          | 0.0542815062                      | -0.1491134244      |
| ## pug_agency_name_freq              | 0.0029377084                      | -0.0024604135      |
| ## pub_agency_unit_freq              | 0.0003490475                      | 0.0005322316       |
| ## agency_type_name_freq             | -0.0086457578                     | -0.0271880690      |
| ## state_abbr_freq                   | -0.0159341084                     | -0.0337024353      |
| ## state_name_freq                   | -0.0164654335                     | 0.0894614189       |
| ## division_name_freq                | -0.0164654335                     | 0.0894614189       |
| ## region_name_freq                  | -0.0051355855                     | 0.0733858775       |
| ## population_group_code_freq        | -0.0139901201                     | 0.0945198725       |
| ## population_group_description_freq | -0.0258446766                     | 0.0081640605       |
| ## total_offender_count_freq         | -0.0258446766                     | 0.0081640605       |
| ## offender_race_freq                | 1.0000000000                      | 0.1186348207       |
| ## offender_ethnicity_freq           | 0.1186348207                      | 1.0000000000       |
| ## victim_count_freq                 | -0.0933032695                     | 0.0222564667       |
| ## offense_name_freq                 | 0.1415207359                      | 0.0301469565       |
| ## location_name_freq                | 0.1080503828                      | 0.1831251216       |
| ## bias_desc_freq                    | 0.0029731480                      | 0.0503495808       |
| ## victim_types_freq                 | 0.0111139032                      | 0.1588410907       |
| ##                                   | 0.0054476705                      | -0.0997291939      |

|                                      |                         |                    |
|--------------------------------------|-------------------------|--------------------|
| ## multiple_offense_freq             | 0.0577077475            | 0.0141474074       |
| ## multiple_bias_freq                | 0.0034199513            | 0.0229036288       |
| ## Antisemitic_crimes_freq           | -0.0141950947           | -0.1132929881      |
| ## Antisemitic_crimes                | 0.0141950947            | 0.1132929881       |
| ##                                   | offender_ethnicity_freq | victim_count_freq  |
| ## incident_id_freq                  | NA                      | NA                 |
| ## data_year_freq                    | -0.341244470            | 0.019239989        |
| ## ori_freq                          | 0.052554142             | 0.050706014        |
| ## pug_agency_name_freq              | 0.046851385             | 0.049449259        |
| ## pub_agency_unit_freq              | 0.002672483             | -0.006697261       |
| ## agency_type_name_freq             | -0.007258504            | 0.000818534        |
| ## state_abbr_freq                   | 0.005548728             | 0.038803416        |
| ## state_name_freq                   | 0.005548728             | 0.038803416        |
| ## division_name_freq                | 0.030195645             | 0.042751853        |
| ## region_name_freq                  | 0.015924135             | 0.002501637        |
| ## population_group_code_freq        | 0.027683017             | 0.027910392        |
| ## population_group_description_freq | 0.027683017             | 0.027910392        |
| ## total_offender_count_freq         | -0.093303269            | 0.141520736        |
| ## offender_race_freq                | 0.022256467             | 0.030146957        |
| ## offender_ethnicity_freq           | 1.000000000             | -0.008891950       |
| ## victim_count_freq                 | -0.008891950            | 1.000000000        |
| ## offense_name_freq                 | 0.060216092             | 0.206616730        |
| ## location_name_freq                | 0.065563508             | -0.054328812       |
| ## bias_desc_freq                    | 0.049036420             | -0.007926248       |
| ## victim_types_freq                 | -0.048031871            | -0.068302188       |
| ## multiple_offense_freq             | 0.010628414             | 0.449643477        |
| ## multiple_bias_freq                | 0.127879302             | 0.022120982        |
| ## Antisemitic_crimes_freq           | -0.053597504            | -0.062161226       |
| ## Antisemitic_crimes                | 0.053597504             | 0.062161226        |
| ##                                   | offense_name_freq       | location_name_freq |
| ## incident_id_freq                  | NA                      | NA                 |
| ## data_year_freq                    | -0.0128837811           | -0.037712625       |
| ## ori_freq                          | 0.0340013323            | 0.019486068        |
| ## pug_agency_name_freq              | 0.0273213134            | 0.019340902        |
| ## pub_agency_unit_freq              | -0.0196243331           | 0.048159060        |
| ## agency_type_name_freq             | -0.0139839913           | 0.048138202        |
| ## state_abbr_freq                   | 0.0859889170            | -0.010331819       |
| ## state_name_freq                   | 0.0859889170            | -0.010331819       |
| ## division_name_freq                | 0.1102224429            | -0.015593313       |
| ## region_name_freq                  | 0.1024105512            | -0.024821945       |
| ## population_group_code_freq        | 0.0653118003            | 0.027680903        |
| ## population_group_description_freq | 0.0653118003            | 0.027680903        |
| ## total_offender_count_freq         | 0.1080503828            | 0.002973148        |
| ## offender_race_freq                | 0.1831251216            | 0.050349581        |
| ## offender_ethnicity_freq           | 0.0602160919            | 0.065563508        |
| ## victim_count_freq                 | 0.2066167297            | -0.054328812       |
| ## offense_name_freq                 | 1.0000000000            | 0.005208577        |
| ## location_name_freq                | 0.0052085766            | 1.000000000        |
| ## bias_desc_freq                    | 0.1002329638            | 0.050949956        |
| ## victim_types_freq                 | -0.1333142761           | 0.203239938        |
| ## multiple_offense_freq             | 0.4127595820            | -0.013624832       |
| ## multiple_bias_freq                | -0.0008832887           | 0.030393131        |
| ## Antisemitic_crimes_freq           | -0.2021127092           | 0.022833644        |
| ## Antisemitic_crimes                | 0.2021127092            | -0.022833644       |

|                                      |                         |                    |
|--------------------------------------|-------------------------|--------------------|
| ##                                   | bias_desc_freq          | victim_types_freq  |
| ## incident_id_freq                  | NA                      | NA                 |
| ## data_year_freq                    | -0.028375268            | 0.001542626        |
| ## ori_freq                          | -0.067555490            | -0.046663692       |
| ## pug_agency_name_freq              | -0.064541155            | -0.040628847       |
| ## pub_agency_unit_freq              | -0.011332674            | 0.072671512        |
| ## agency_type_name_freq             | -0.016070053            | 0.100458112        |
| ## state_abbr_freq                   | -0.022015592            | -0.015155810       |
| ## state_name_freq                   | -0.022015592            | -0.015155810       |
| ## division_name_freq                | -0.016128311            | -0.050110925       |
| ## region_name_freq                  | -0.051355982            | -0.027886958       |
| ## population_group_code_freq        | -0.020118975            | 0.022821710        |
| ## population_group_description_freq | -0.020118975            | 0.022821710        |
| ## total_offender_count_freq         | 0.011113903             | 0.005447671        |
| ## offender_race_freq                | 0.158841091             | -0.099729194       |
| ## offender_ethnicity_freq           | 0.049036420             | -0.048031871       |
| ## victim_count_freq                 | -0.007926248            | -0.068302188       |
| ## offense_name_freq                 | 0.100232964             | -0.133314276       |
| ## location_name_freq                | 0.050949956             | 0.203239938        |
| ## bias_desc_freq                    | 1.000000000             | 0.048423393        |
| ## victim_types_freq                 | 0.048423393             | 1.000000000        |
| ## multiple_offense_freq             | 0.002496918             | 0.019994019        |
| ## multiple_bias_freq                | 0.103104372             | 0.020055042        |
| ## Antisemitic_crimes_freq           | 0.115969336             | 0.283836422        |
| ## Antisemitic_crimes                | -0.115969336            | -0.283836422       |
| ##                                   | multiple_offense_freq   | multiple_bias_freq |
| ## incident_id_freq                  | NA                      | NA                 |
| ## data_year_freq                    | -0.0084311191           | -0.0889793733      |
| ## ori_freq                          | 0.0525862334            | 0.0241942914       |
| ## pug_agency_name_freq              | 0.0493994452            | 0.0258286043       |
| ## pub_agency_unit_freq              | -0.0009951712           | 0.0038363575       |
| ## agency_type_name_freq             | 0.0004102563            | -0.0020385990      |
| ## state_abbr_freq                   | 0.0165822083            | 0.0024461505       |
| ## state_name_freq                   | 0.0165822083            | 0.0024461505       |
| ## division_name_freq                | 0.0205058429            | -0.0023531565      |
| ## region_name_freq                  | -0.0017672738           | -0.0152658280      |
| ## population_group_code_freq        | 0.0348041975            | 0.0083393856       |
| ## population_group_description_freq | 0.0348041975            | 0.0083393856       |
| ## total_offender_count_freq         | 0.0577077475            | 0.0034199513       |
| ## offender_race_freq                | 0.0141474074            | 0.0229036288       |
| ## offender_ethnicity_freq           | 0.0106284137            | 0.1278793023       |
| ## victim_count_freq                 | 0.4496434775            | 0.0221209819       |
| ## offense_name_freq                 | 0.4127595820            | -0.0008832887      |
| ## location_name_freq                | -0.0136248317           | 0.0303931307       |
| ## bias_desc_freq                    | 0.0024969182            | 0.1031043720       |
| ## victim_types_freq                 | 0.0199940192            | 0.0200550420       |
| ## multiple_offense_freq             | 1.0000000000            | 0.0582026971       |
| ## multiple_bias_freq                | 0.0582026971            | 1.0000000000       |
| ## Antisemitic_crimes_freq           | -0.0390344463           | 0.0439969352       |
| ## Antisemitic_crimes                | 0.0390344463            | -0.0439969352      |
| ##                                   | Antisemitic_crimes_freq | Antisemitic_crimes |
| ## incident_id_freq                  | NA                      | NA                 |
| ## data_year_freq                    | 0.032244528             | -0.032244528       |
| ## ori_freq                          | -0.175632995            | 0.175632995        |

|                                      |              |              |
|--------------------------------------|--------------|--------------|
| ## pug_agency_name_freq              | -0.165729973 | 0.165729973  |
| ## pub_agency_unit_freq              | 0.010034935  | -0.010034935 |
| ## agency_type_name_freq             | 0.006276269  | -0.006276269 |
| ## state_abbr_freq                   | -0.112879840 | 0.112879840  |
| ## state_name_freq                   | -0.112879840 | 0.112879840  |
| ## division_name_freq                | -0.142115693 | 0.142115693  |
| ## region_name_freq                  | -0.125811774 | 0.125811774  |
| ## population_group_code_freq        | -0.118374892 | 0.118374892  |
| ## population_group_description_freq | -0.118374892 | 0.118374892  |
| ## total_offender_count_freq         | -0.014195095 | 0.014195095  |
| ## offender_race_freq                | -0.113292988 | 0.113292988  |
| ## offender_ethnicity_freq           | -0.053597504 | 0.053597504  |
| ## victim_count_freq                 | -0.062161226 | 0.062161226  |
| ## offense_name_freq                 | -0.202112709 | 0.202112709  |
| ## location_name_freq                | 0.022833644  | -0.022833644 |
| ## bias_desc_freq                    | 0.115969336  | -0.115969336 |
| ## victim_types_freq                 | 0.283836422  | -0.283836422 |
| ## multiple_offense_freq             | -0.039034446 | 0.039034446  |
| ## multiple_bias_freq                | 0.043996935  | -0.043996935 |
| ## Antisemitic_crimes_freq           | 1.000000000  | -1.000000000 |
| ## Antisemitic_crimes                | -1.000000000 | 1.000000000  |

## Weighted Values

Our attempt to get the weighted values, hindered our R Notebooks ability to knit. A visual assessment of the plot displayed, indicated a ‘fan-like’ or ‘cone-shaped’ pattern was lacking, and therefore the attributes lacked the presence of heteroskedasticity. Ultimately the decision was made to not pursue the weighted values.

```
#``{r,fig.height=6,fig.width=6,fig.ncol=1,}
# Fit a linear regression model with all variables
lm_model <- lm(Antisemitic_crimes ~ ., data = df_hate_train)

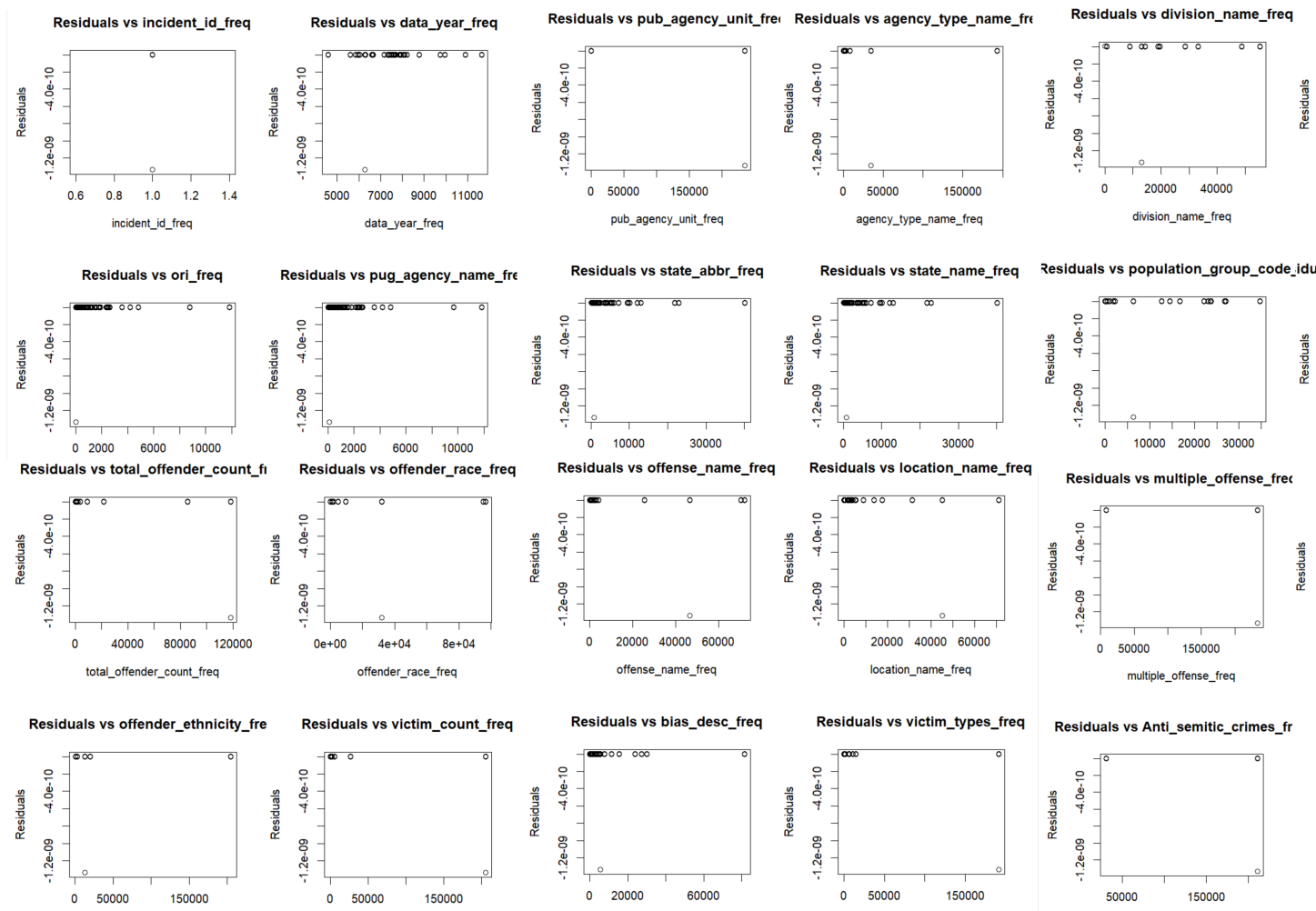
# Extract residuals
residuals_all <- residuals(lm_model)

# Plot residuals for each predictor variable
par(mfrow = c(2, 2)) # Set up a 2x2 grid for subplots

for (variable in names(df_hate_train)) {
  if (variable != "Antisemitic_crimes") {
    # Exclude the response variable
    plot(df_hate_train[[variable]], residuals_all,
         main = paste("Residuals vs", variable),
         xlab = variable, ylab = "Residuals")
  }
}

# Reset the plotting parameters
par(mfrow = c(1, 1))
#```
```



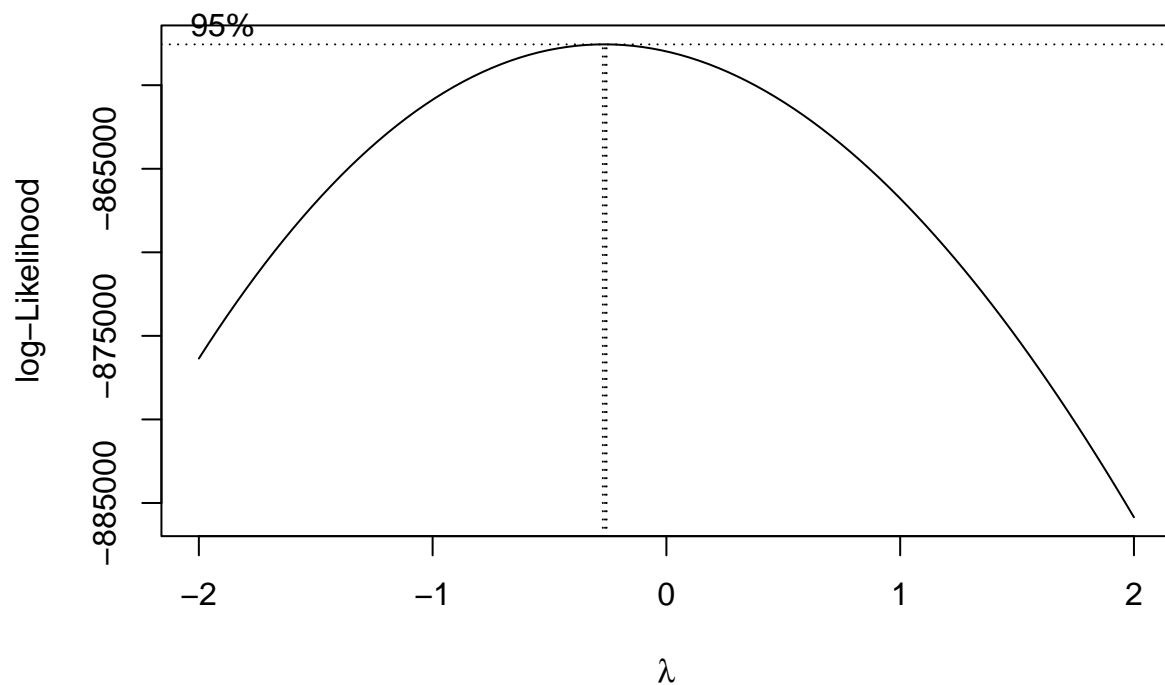


## Box-Cox Transformation

df\_hate\_train

```
# Convert a DataFrame column to a list
freq_list <- as.numeric(as.list(df_hate_train$data_year_freq))

#find optimal lambda for Box-Cox transformation
bc <- boxcox(freq_list~ 1, lambda = seq(-2,2,0.1))
```



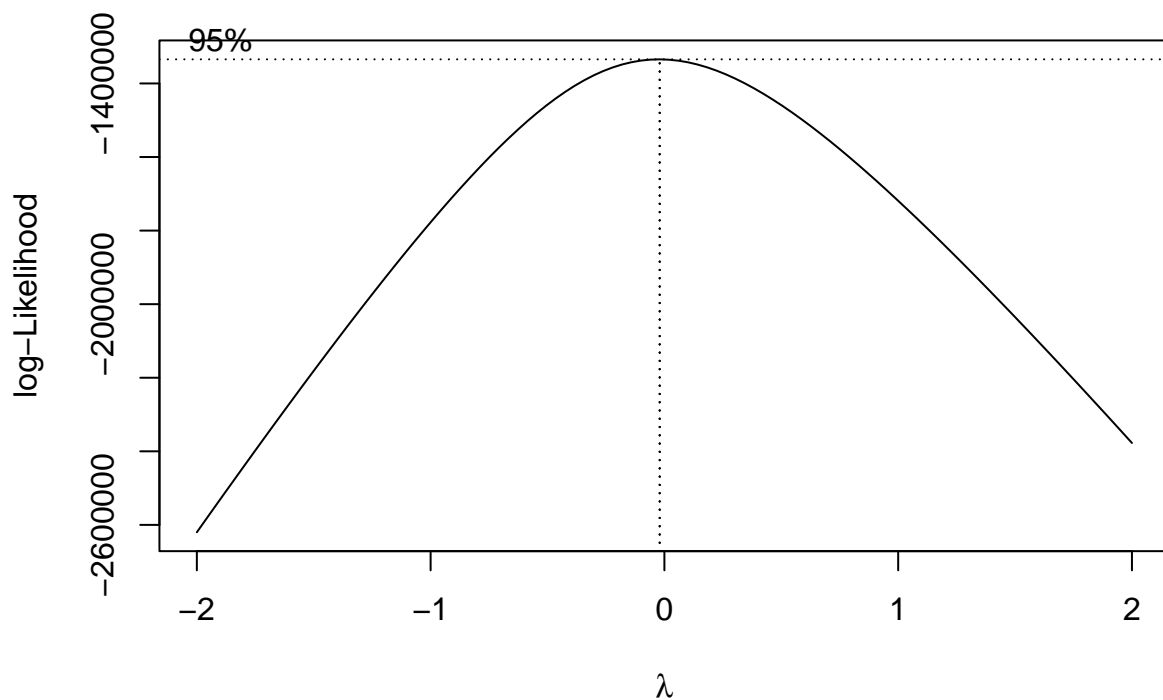
```
lambda_data_year <- bc$x[which.max(bc$y)]

# Apply the Box-Cox transformation
norm_data_year_freq <- (freq_list^lambda_data_year-1)/lambda_data_year

rm(bc,freq_list)
# hist(data_year_freq_norm )
# hist(df_hate_train$data_year_freq)

# Convert a DataFrame column to a list
freq_list <- as.numeric(as.list(df_hate_train$ori_freq))

#find optimal lambda for Box-Cox transformation
bc <- boxcox(freq_list~ 1, lambda = seq(-2,2,0.1))
```



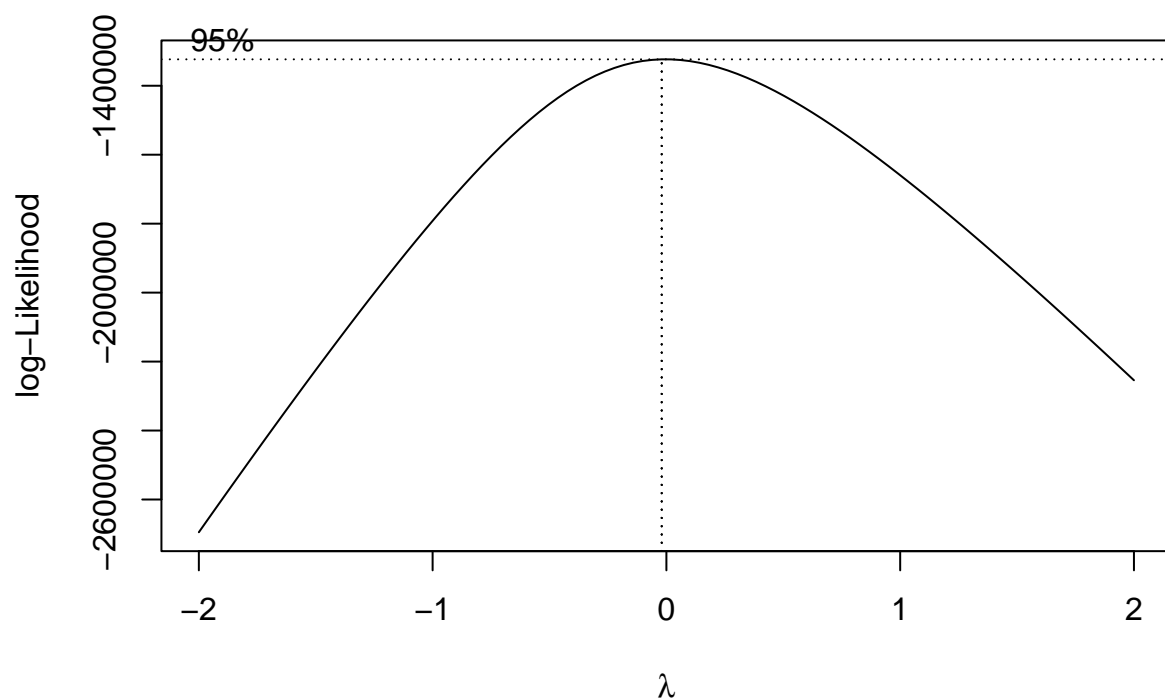
```
lambda_ori <- bc$x[which.max(bc$y)]

# Apply the Box-Cox transformation
norm_ori_freq <- (freq_list^lambda_ori-1)/lambda_ori

rm(bc,freq_list)
# hist(data_year_freq_norm )
# hist(df_hate_train$data_year_freq)

# Convert a DataFrame column to a list
freq_list <- as.numeric(as.list(df_hate_train$pug_agency_name_freq))

#find optimal lambda for Box-Cox transformation
bc <- boxcox(freq_list~ 1, lambda = seq(-2,2,0.1))
```



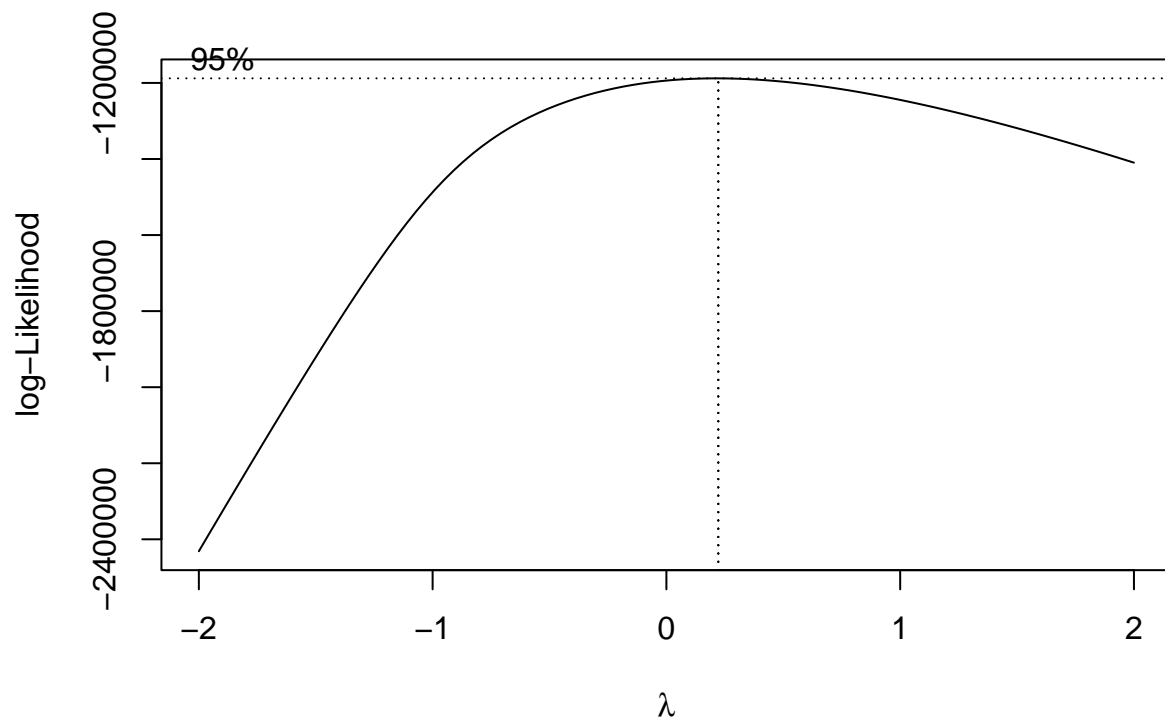
```
lambda_pug_agency_name <- bc$x[which.max(bc$y)]

# Apply the Box-Cox transformation
norm_pug_agency_name_freq <- (freq_list^lambda_pug_agency_name-1)/lambda_pug_agency_name

rm(bc,freq_list)
# hist(data_year_freq_norm )
# hist(df_hate_train$pug_agency_name_freq)

# Convert a DataFrame column to a list
freq_list <- as.numeric(as.list(df_hate_train$state_abbr_freq))

#find optimal lambda for Box-Cox transformation
bc <- boxcox(freq_list~ 1, lambda = seq(-2,2,0.1))
```



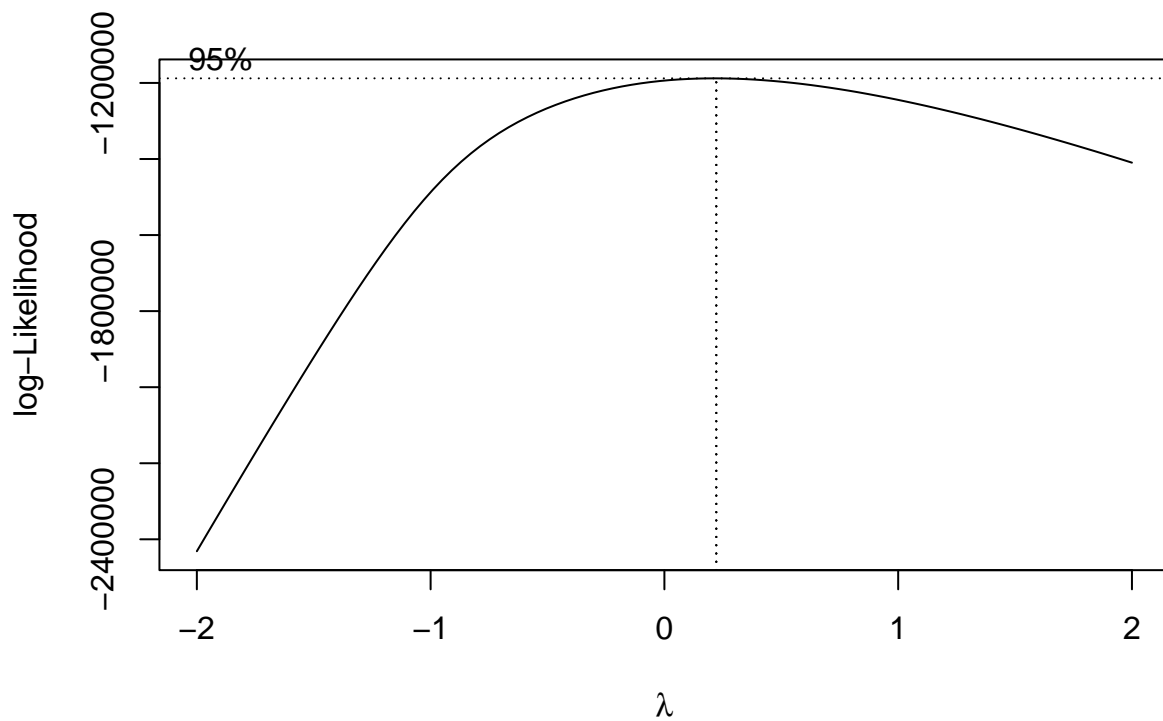
```
lambda_state_abbr <- bc$x[which.max(bc$y)]

# Apply the Box-Cox transformation
norm_state_abbr_freq <- (freq_list^lambda_state_abbr-1)/lambda_state_abbr

rm(bc,freq_list)
# hist(data_year_freq_norm )
# hist(df_hate_train$state_abbr_freq)

# Convert a DataFrame column to a list
freq_list <- as.numeric(as.list(df_hate_train$state_name_freq))

#find optimal lambda for Box-Cox transformation
bc <- boxcox(freq_list~ 1, lambda = seq(-2,2,0.1))
```



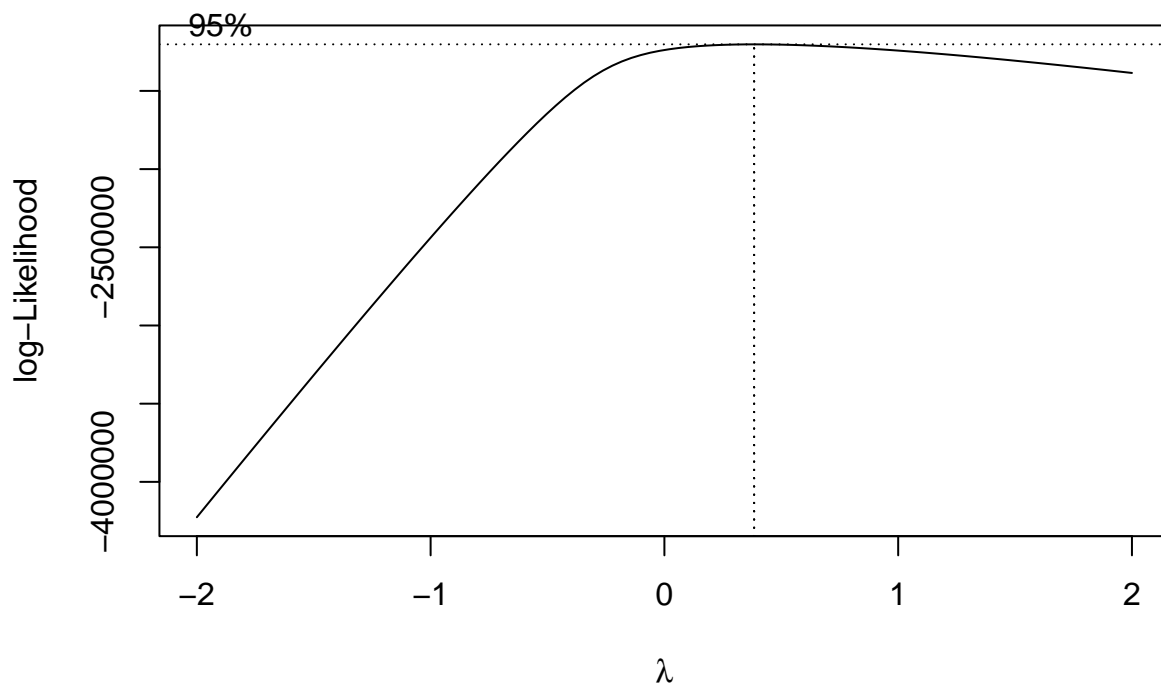
```
lambda_state_name <- bc$x[which.max(bc$y)]

# Apply the Box-Cox transformation
norm_state_name_freq <- (freq_list^lambda_state_name-1)/lambda_state_name

rm(bc,freq_list)
# hist(data_year_freq_norm )
# hist(df_hate_train$state_name_freq)

# Convert a DataFrame column to a list
freq_list <- as.numeric(as.list(df_hate_train$bias_desc_freq))

#find optimal lambda for Box-Cox transformation
bc <- boxcox(freq_list~ 1, lambda = seq(-2,2,0.1))
```



```
lambda_bias_desc <- bc$x[which.max(bc$y)]

# Apply the Box-Cox transformation
norm_bias_desc_freq <- (freq_list^lambda_bias_desc-1)/lambda_bias_desc

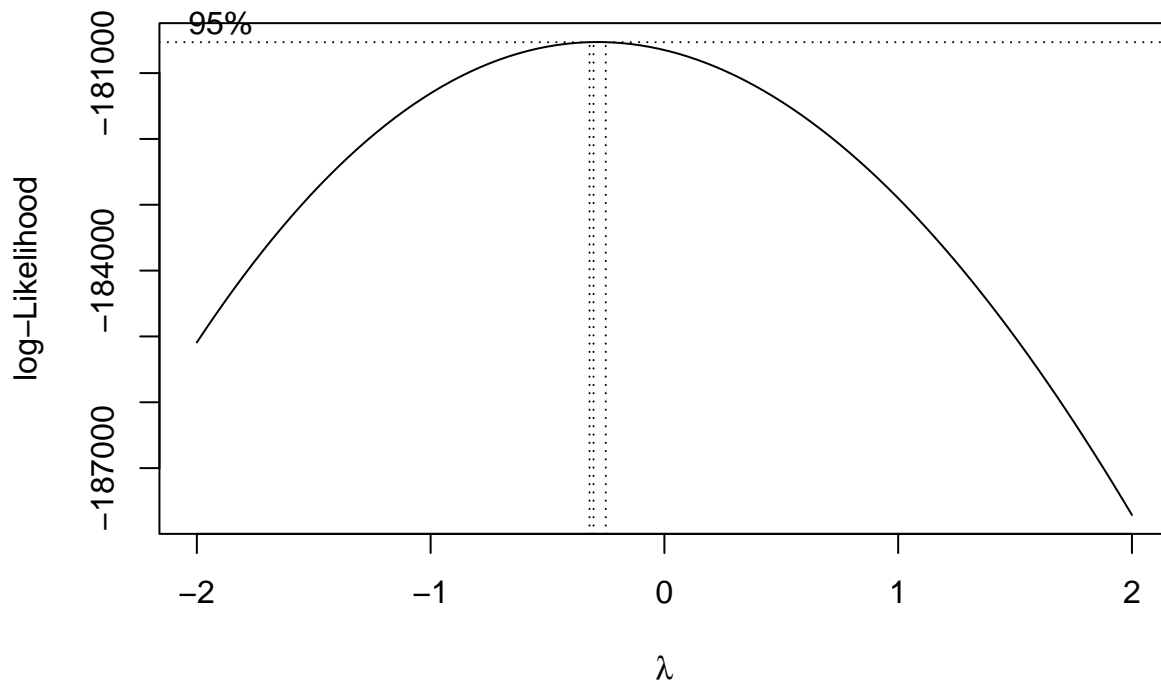
rm(bc,freq_list)
# hist(data_year_freq_norm )
# hist(df_hate_train$bias_desc_freq)
```

```
df_temp <- df_hate_train
df_train_model <- cbind(df_temp,
  as.data.frame(norm_bias_desc_freq),
  as.data.frame(norm_data_year_freq),
  as.data.frame(norm_ori_freq),
  as.data.frame(norm_pug_agency_name_freq),
  as.data.frame(norm_state_abbr_freq),
  as.data.frame(norm_state_name_freq))
```

```
df_hate_test
```

```
# Convert a DataFrame column to a list
freq_list <- as.numeric(as.list(df_hate_test$data_year_freq))
```

```
#find optimal lambda for Box-Cox transformation
bc <- boxcox(freq_list~ 1, lambda = seq(-2,2,0.1))
```



```
lambda_data_year <- bc$x[which.max(bc$y)]

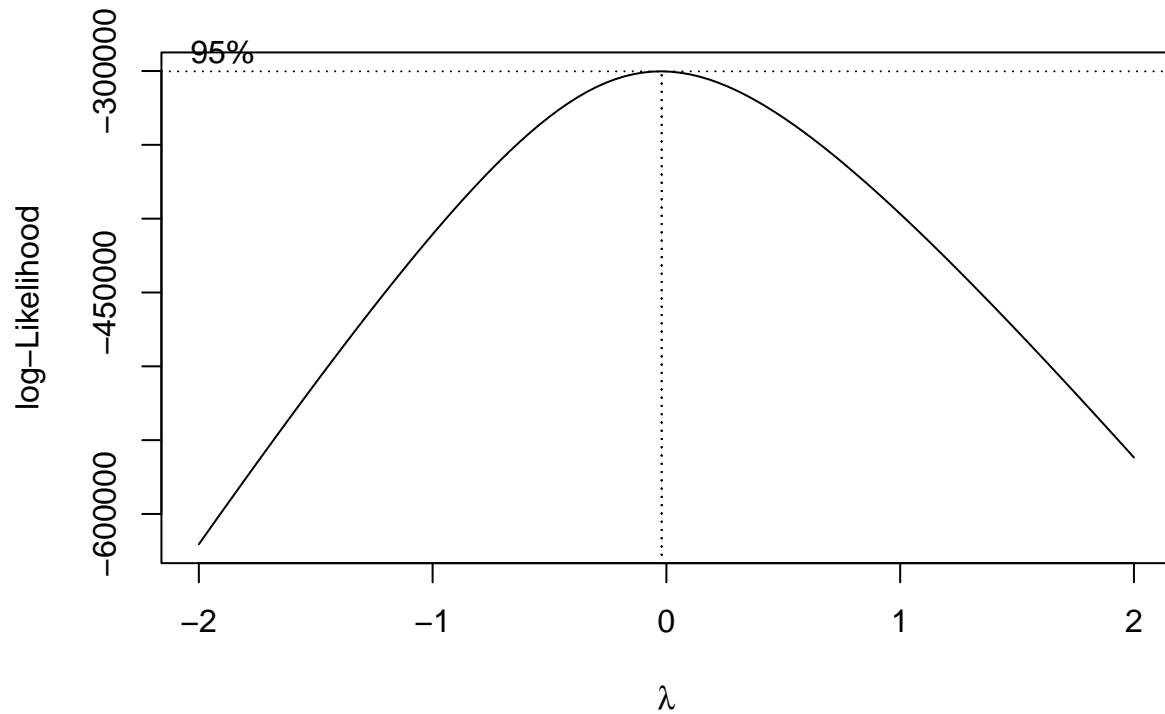
# Apply the Box-Cox transformation
norm_data_year_freq <- (freq_list^lambda_data_year-1)/lambda_data_year

rm(bc,freq_list)
# hist(data_year_freq_norm )
# hist(df_hate_test$data_year_freq)

# Convert a DataFrame column to a list
freq_list <- as.numeric(as.list(df_hate_test$ori_freq))

#find optimal lambda for Box-Cox transformation
bc <- boxcox(freq_list~ 1, lambda = seq(-2,2,0.1))
```





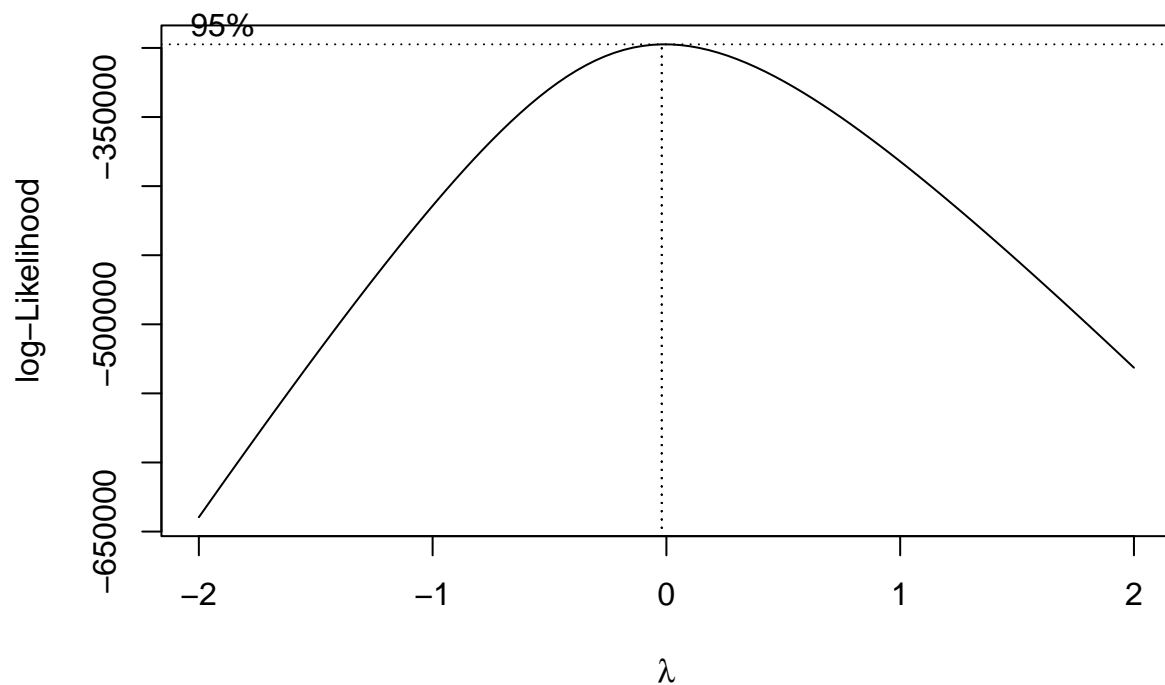
```
lambda_ori <- bc$x[which.max(bc$y)]

# Apply the Box-Cox transformation
norm_ori_freq <- (freq_list^lambda_ori-1)/lambda_ori

rm(bc,freq_list)
# hist(data_year_freq_norm )
# hist(df_hate_test$data_year_freq)

# Convert a DataFrame column to a list
freq_list <- as.numeric(as.list(df_hate_test$pug_agency_name_freq))

#find optimal lambda for Box-Cox transformation
bc <- boxcox(freq_list~ 1, lambda = seq(-2,2,0.1))
```



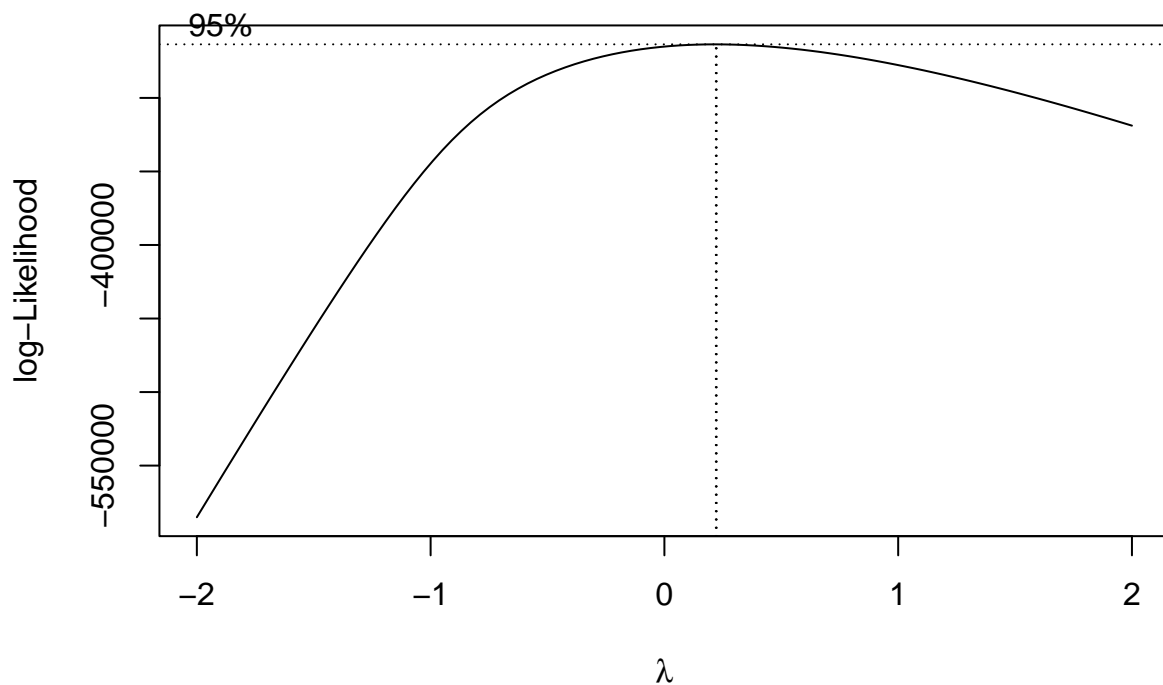
```
lambda_pug_agency_name <- bc$x[which.max(bc$y)]

# Apply the Box-Cox transformation
norm_pug_agency_name_freq <- (freq_list^lambda_pug_agency_name-1)/lambda_pug_agency_name

rm(bc,freq_list)
# hist(data_year_freq_norm )
# hist(df_hate_test$pug_agency_name_freq)

# Convert a DataFrame column to a list
freq_list <- as.numeric(as.list(df_hate_test$state_abbr_freq))

#find optimal lambda for Box-Cox transformation
bc <- boxcox(freq_list~ 1, lambda = seq(-2,2,0.1))
```



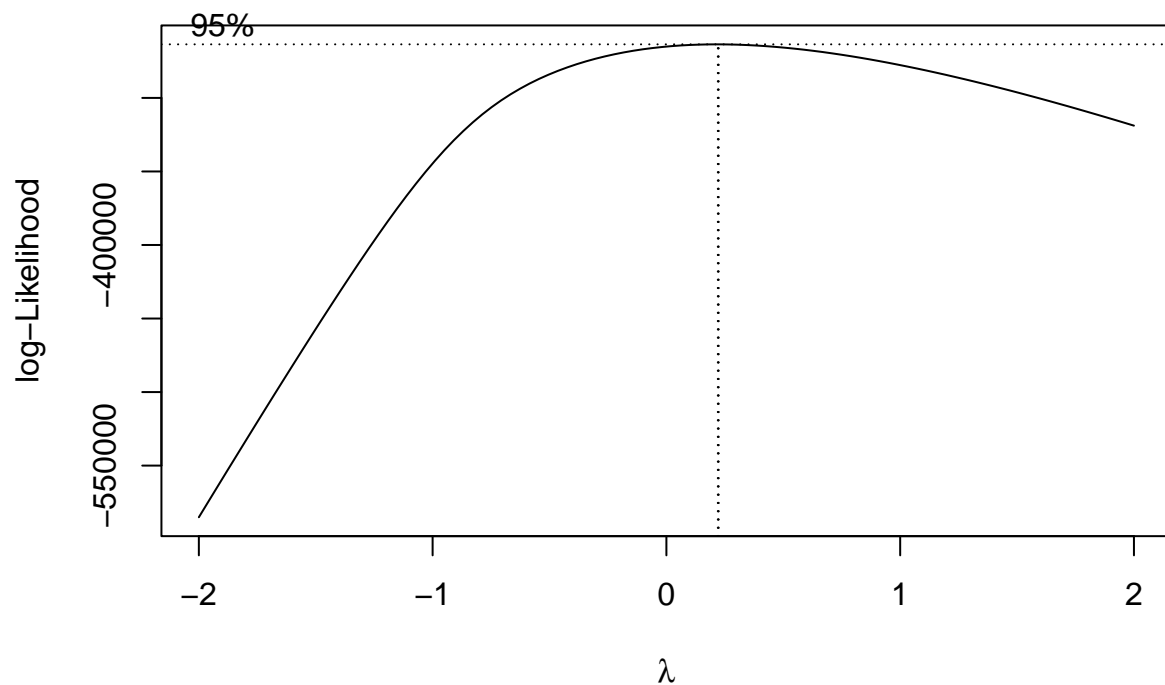
```
lambda_state_abbr <- bc$x[which.max(bc$y)]

# Apply the Box-Cox transformation
norm_state_abbr_freq <- (freq_list^lambda_state_abbr-1)/lambda_state_abbr

rm(bc,freq_list)
# hist(data_year_freq_norm )
# hist(df_hate_test$state_abbr_freq)

# Convert a DataFrame column to a list
freq_list <- as.numeric(as.list(df_hate_test$state_name_freq))

#find optimal lambda for Box-Cox transformation
bc <- boxcox(freq_list~ 1, lambda = seq(-2,2,0.1))
```



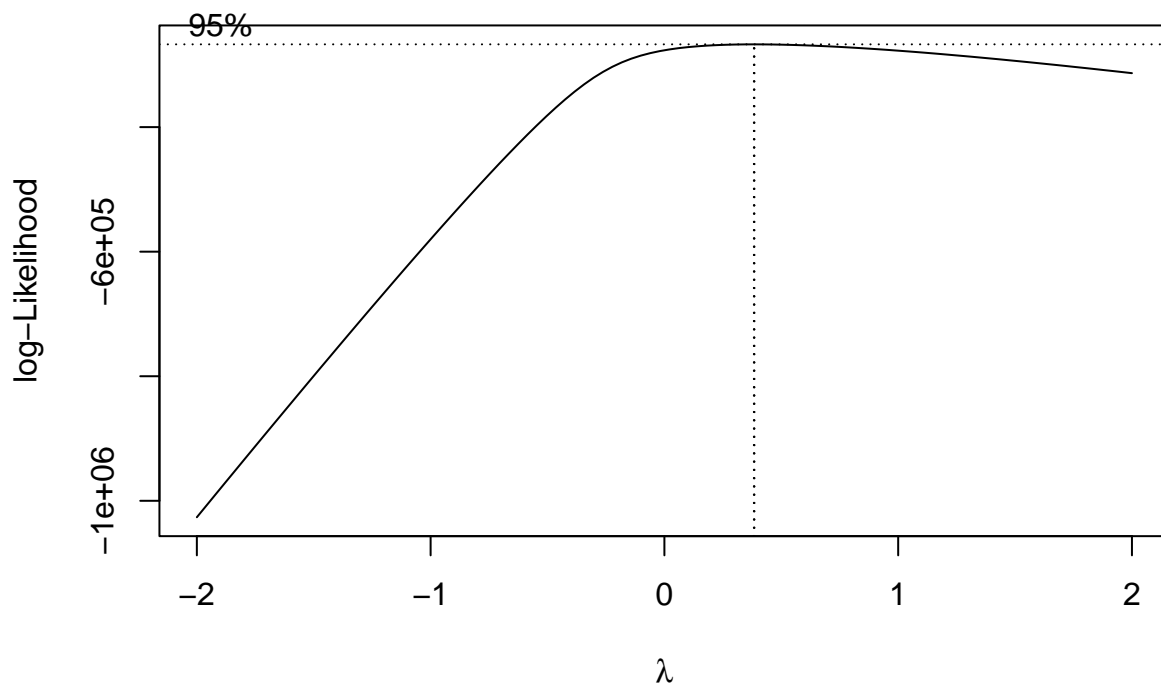
```
lambda_state_name <- bc$x[which.max(bc$y)]

# Apply the Box-Cox transformation
norm_state_name_freq <- (freq_list^lambda_state_name-1)/lambda_state_name

rm(bc,freq_list)
# hist(data_year_freq_norm )
# hist(df_hate_test$state_name_freq)

# Convert a DataFrame column to a list
freq_list <- as.numeric(as.list(df_hate_test$bias_desc_freq))

#find optimal lambda for Box-Cox transformation
bc <- boxcox(freq_list~ 1, lambda = seq(-2,2,0.1))
```



```
lambda_bias_desc <- bc$x[which.max(bc$y)]

# Apply the Box-Cox transformation
norm_bias_desc_freq <- (freq_list^lambda_bias_desc-1)/lambda_bias_desc

rm(bc,freq_list)
# hist(data_year_freq_norm )
# hist(df_hate_test$bias_desc_freq)
```

```
df_temp <- df_hate_test
df_test_model <- cbind(df_temp,
  as.data.frame(norm_bias_desc_freq),
  as.data.frame(norm_data_year_freq),
  as.data.frame(norm_ori_freq),
  as.data.frame(norm_pug_agency_name_freq),
  as.data.frame(norm_state_abbr_freq),
  as.data.frame(norm_state_name_freq))
```

```
(cor_matrix_for_model <- cor(df_train_model))
```

```
##               incident_id_freq data_year_freq    ori_freq
## incident_id_freq                1             NA         NA
## data_year_freq                NA      1.000000000 -0.013871933
## ori_freq                NA    -0.013871933  1.000000000
## pug_agency_name_freq            NA    -0.009026709  0.978751858
```

|                                      |                      |                      |              |
|--------------------------------------|----------------------|----------------------|--------------|
| ## pub_agency_unit_freq              | NA                   | -0.008593493         | 0.083213106  |
| ## agency_type_name_freq             | NA                   | -0.008639880         | 0.174126507  |
| ## state_abbr_freq                   | NA                   | 0.031645826          | 0.304742487  |
| ## state_name_freq                   | NA                   | 0.031645826          | 0.304742487  |
| ## division_name_freq                | NA                   | 0.015078796          | 0.282266363  |
| ## region_name_freq                  | NA                   | -0.003347976         | 0.269982508  |
| ## population_group_code_freq        | NA                   | -0.012610023         | 0.519418276  |
| ## population_group_description_freq | NA                   | -0.012610023         | 0.519418276  |
| ## total_offender_count_freq         | NA                   | 0.054281506          | 0.002937708  |
| ## offender_race_freq                | NA                   | -0.149113424         | -0.002460414 |
| ## offender_ethnicity_freq           | NA                   | -0.341244470         | 0.052554142  |
| ## victim_count_freq                 | NA                   | 0.019239989          | 0.050706014  |
| ## offense_name_freq                 | NA                   | -0.012883781         | 0.034001332  |
| ## location_name_freq                | NA                   | -0.037712625         | 0.019486068  |
| ## bias_desc_freq                    | NA                   | -0.028375268         | -0.067555490 |
| ## victim_types_freq                 | NA                   | 0.001542626          | -0.046663692 |
| ## multiple_offense_freq             | NA                   | -0.008431119         | 0.052586233  |
| ## multiple_bias_freq                | NA                   | -0.088979373         | 0.024194291  |
| ## Antisemitic_crimes_freq           | NA                   | 0.032244528          | -0.175632995 |
| ## Antisemitic_crimes                | NA                   | -0.032244528         | 0.175632995  |
| ## norm_bias_desc_freq               | NA                   | -0.055306044         | -0.028807098 |
| ## norm_data_year_freq               | NA                   | 0.984600267          | -0.015773475 |
| ## norm_ori_freq                     | NA                   | -0.060975689         | 0.714604392  |
| ## norm_pug_agency_name_freq         | NA                   | -0.047409555         | 0.692246084  |
| ## norm_state_abbr_freq              | NA                   | 0.005518836          | 0.327886582  |
| ## norm_state_name_freq              | NA                   | 0.005518836          | 0.327886582  |
| ##                                   |                      |                      |              |
|                                      | pug_agency_name_freq | pub_agency_unit_freq |              |
| ## incident_id_freq                  | NA                   | NA                   |              |
| ## data_year_freq                    | -0.0090267094        | -0.0085934926        |              |
| ## ori_freq                          | 0.9787518580         | 0.0832131065         |              |
| ## pug_agency_name_freq              | 1.0000000000         | 0.0244091045         |              |
| ## pub_agency_unit_freq              | 0.0244091045         | 1.0000000000         |              |
| ## agency_type_name_freq             | 0.1253116828         | 0.4026528884         |              |
| ## state_abbr_freq                   | 0.3341394016         | 0.0184870773         |              |
| ## state_name_freq                   | 0.3341394016         | 0.0184870773         |              |
| ## division_name_freq                | 0.3015699161         | 0.0089649710         |              |
| ## region_name_freq                  | 0.2802497543         | 0.0680044189         |              |
| ## population_group_code_freq        | 0.4890648899         | 0.3183436799         |              |
| ## population_group_description_freq | 0.4890648899         | 0.3183436799         |              |
| ## total_offender_count_freq         | 0.0003490475         | -0.0086457578        |              |
| ## offender_race_freq                | 0.0005322316         | -0.0271880690        |              |
| ## offender_ethnicity_freq           | 0.0468513847         | 0.0026724826         |              |
| ## victim_count_freq                 | 0.0494492587         | -0.0066972613        |              |
| ## offense_name_freq                 | 0.0273213134         | -0.0196243331        |              |
| ## location_name_freq                | 0.0193409017         | 0.0481590596         |              |
| ## bias_desc_freq                    | -0.0645411554        | -0.0113326741        |              |
| ## victim_types_freq                 | -0.0406288469        | 0.0726715121         |              |
| ## multiple_offense_freq             | 0.0493994452         | -0.0009951712        |              |
| ## multiple_bias_freq                | 0.0258286043         | 0.0038363575         |              |
| ## Antisemitic_crimes_freq           | -0.1657299726        | 0.0100349347         |              |
| ## Antisemitic_crimes                | 0.1657299726         | -0.0100349347        |              |
| ## norm_bias_desc_freq               | -0.0273971475        | -0.0063524696        |              |
| ## norm_data_year_freq               | -0.0104821389        | -0.0077761366        |              |
| ## norm_ori_freq                     | 0.7029880397         | 0.1693460530         |              |

|                                      |                       |                    |
|--------------------------------------|-----------------------|--------------------|
| ## norm_pug_agency_name_freq         | 0.7234754028          | -0.0474135355      |
| ## norm_state_abbr_freq              | 0.3454438917          | 0.0253487193       |
| ## norm_state_name_freq              | 0.3454438917          | 0.0253487193       |
| ##                                   | agency_type_name_freq | state_abbr_freq    |
| ## incident_id_freq                  | NA                    | NA                 |
| ## data_year_freq                    | -0.0086398804         | 0.031645826        |
| ## ori_freq                          | 0.1741265071          | 0.304742487        |
| ## pug_agency_name_freq              | 0.1253116828          | 0.334139402        |
| ## pub_agency_unit_freq              | 0.4026528884          | 0.018487077        |
| ## agency_type_name_freq             | 1.0000000000          | 0.114402324        |
| ## state_abbr_freq                   | 0.1144023242          | 1.0000000000       |
| ## state_name_freq                   | 0.1144023242          | 1.0000000000       |
| ## division_name_freq                | 0.0712117000          | 0.750876436        |
| ## region_name_freq                  | 0.1659341904          | 0.565542814        |
| ## population_group_code_freq        | 0.5819465044          | 0.270791553        |
| ## population_group_description_freq | 0.5819465044          | 0.270791553        |
| ## total_offender_count_freq         | -0.0159341084         | -0.016465433       |
| ## offender_race_freq                | -0.0337024353         | 0.089461419        |
| ## offender_ethnicity_freq           | -0.0072585035         | 0.005548728        |
| ## victim_count_freq                 | 0.0008185340          | 0.038803416        |
| ## offense_name_freq                 | -0.0139839913         | 0.085988917        |
| ## location_name_freq                | 0.0481382017          | -0.010331819       |
| ## bias_desc_freq                    | -0.0160700528         | -0.022015592       |
| ## victim_types_freq                 | 0.1004581121          | -0.015155810       |
| ## multiple_offense_freq             | 0.0004102563          | 0.016582208        |
| ## multiple_bias_freq                | -0.0020385990         | 0.002446150        |
| ## Antisemitic_crimes_freq           | 0.0062762690          | -0.112879840       |
| ## Antisemitic_crimes                | -0.0062762690         | 0.112879840        |
| ## norm_bias_desc_freq               | -0.0031122611         | 0.001642337        |
| ## norm_data_year_freq               | -0.0067015469         | 0.040639361        |
| ## norm_ori_freq                     | 0.2027164551          | 0.283576621        |
| ## norm_pug_agency_name_freq         | 0.0799903363          | 0.265953106        |
| ## norm_state_abbr_freq              | 0.1210063591          | 0.939039090        |
| ## norm_state_name_freq              | 0.1210063591          | 0.939039090        |
| ##                                   | state_name_freq       | division_name_freq |
| ## incident_id_freq                  | NA                    | NA                 |
| ## data_year_freq                    | 0.031645826           | 0.015078796        |
| ## ori_freq                          | 0.304742487           | 0.282266363        |
| ## pug_agency_name_freq              | 0.334139402           | 0.301569916        |
| ## pub_agency_unit_freq              | 0.018487077           | 0.008964971        |
| ## agency_type_name_freq             | 0.114402324           | 0.071211700        |
| ## state_abbr_freq                   | 1.0000000000          | 0.750876436        |
| ## state_name_freq                   | 1.0000000000          | 0.750876436        |
| ## division_name_freq                | 0.750876436           | 1.0000000000       |
| ## region_name_freq                  | 0.565542814           | 0.595152902        |
| ## population_group_code_freq        | 0.270791553           | 0.239753886        |
| ## population_group_description_freq | 0.270791553           | 0.239753886        |
| ## total_offender_count_freq         | -0.016465433          | -0.005135586       |
| ## offender_race_freq                | 0.089461419           | 0.073385878        |
| ## offender_ethnicity_freq           | 0.005548728           | 0.030195645        |
| ## victim_count_freq                 | 0.038803416           | 0.042751853        |
| ## offense_name_freq                 | 0.085988917           | 0.110222443        |
| ## location_name_freq                | -0.010331819          | -0.015593313       |
| ## bias_desc_freq                    | -0.022015592          | -0.016128311       |

|                                      |                                   |                            |
|--------------------------------------|-----------------------------------|----------------------------|
| ## victim_types_freq                 | -0.015155810                      | -0.050110925               |
| ## multiple_offense_freq             | 0.016582208                       | 0.020505843                |
| ## multiple_bias_freq                | 0.002446150                       | -0.002353156               |
| ## Antisemitic_crimes_freq           | -0.112879840                      | -0.142115693               |
| ## Antisemitic_crimes                | 0.112879840                       | 0.142115693                |
| ## norm_bias_desc_freq               | 0.001642337                       | 0.006280893                |
| ## norm_data_year_freq               | 0.040639361                       | 0.016218649                |
| ## norm_ori_freq                     | 0.283576621                       | 0.278522183                |
| ## norm_pug_agency_name_freq         | 0.265953106                       | 0.261792404                |
| ## norm_state_abbr_freq              | 0.939039090                       | 0.742231805                |
| ## norm_state_name_freq              | 0.939039090                       | 0.742231805                |
| ##                                   | region_name_freq                  | population_group_code_freq |
| ## incident_id_freq                  | NA                                | NA                         |
| ## data_year_freq                    | -0.003347976                      | -0.012610023               |
| ## ori_freq                          | 0.269982508                       | 0.519418276                |
| ## pug_agency_name_freq              | 0.280249754                       | 0.489064890                |
| ## pub_agency_unit_freq              | 0.068004419                       | 0.318343680                |
| ## agency_type_name_freq             | 0.165934190                       | 0.581946504                |
| ## state_abbr_freq                   | 0.565542814                       | 0.270791553                |
| ## state_name_freq                   | 0.565542814                       | 0.270791553                |
| ## division_name_freq                | 0.595152902                       | 0.239753886                |
| ## region_name_freq                  | 1.000000000                       | 0.285205125                |
| ## population_group_code_freq        | 0.285205125                       | 1.000000000                |
| ## population_group_description_freq | 0.285205125                       | 1.000000000                |
| ## total_offender_count_freq         | -0.013990120                      | -0.025844677               |
| ## offender_race_freq                | 0.094519873                       | 0.008164061                |
| ## offender_ethnicity_freq           | 0.015924135                       | 0.027683017                |
| ## victim_count_freq                 | 0.002501637                       | 0.027910392                |
| ## offense_name_freq                 | 0.102410551                       | 0.065311800                |
| ## location_name_freq                | -0.024821945                      | 0.027680903                |
| ## bias_desc_freq                    | -0.051355982                      | -0.020118975               |
| ## victim_types_freq                 | -0.027886958                      | 0.022821710                |
| ## multiple_offense_freq             | -0.001767274                      | 0.034804198                |
| ## multiple_bias_freq                | -0.015265828                      | 0.008339386                |
| ## Antisemitic_crimes_freq           | -0.125811774                      | -0.118374892               |
| ## Antisemitic_crimes                | 0.125811774                       | 0.118374892                |
| ## norm_bias_desc_freq               | -0.028596766                      | 0.010101505                |
| ## norm_data_year_freq               | -0.001503596                      | -0.010165425               |
| ## norm_ori_freq                     | 0.297606941                       | 0.587532627                |
| ## norm_pug_agency_name_freq         | 0.261961489                       | 0.463444957                |
| ## norm_state_abbr_freq              | 0.523871970                       | 0.300984076                |
| ## norm_state_name_freq              | 0.523871970                       | 0.300984076                |
| ##                                   | population_group_description_freq |                            |
| ## incident_id_freq                  | NA                                |                            |
| ## data_year_freq                    |                                   | -0.012610023               |
| ## ori_freq                          |                                   | 0.519418276                |
| ## pug_agency_name_freq              |                                   | 0.489064890                |
| ## pub_agency_unit_freq              |                                   | 0.318343680                |
| ## agency_type_name_freq             |                                   | 0.581946504                |
| ## state_abbr_freq                   |                                   | 0.270791553                |
| ## state_name_freq                   |                                   | 0.270791553                |
| ## division_name_freq                |                                   | 0.239753886                |
| ## region_name_freq                  |                                   | 0.285205125                |
| ## population_group_code_freq        |                                   | 1.000000000                |



|                                      |                           |                    |  |
|--------------------------------------|---------------------------|--------------------|--|
| ## population_group_description_freq | 1.000000000               |                    |  |
| ## total_offender_count_freq         | -0.025844677              |                    |  |
| ## offender_race_freq                | 0.008164061               |                    |  |
| ## offender_ethnicity_freq           | 0.027683017               |                    |  |
| ## victim_count_freq                 | 0.027910392               |                    |  |
| ## offense_name_freq                 | 0.065311800               |                    |  |
| ## location_name_freq                | 0.027680903               |                    |  |
| ## bias_desc_freq                    | -0.020118975              |                    |  |
| ## victim_types_freq                 | 0.022821710               |                    |  |
| ## multiple_offense_freq             | 0.034804198               |                    |  |
| ## multiple_bias_freq                | 0.008339386               |                    |  |
| ## Antisemitic_crimes_freq           | -0.118374892              |                    |  |
| ## Antisemitic_crimes                | 0.118374892               |                    |  |
| ## norm_bias_desc_freq               | 0.010101505               |                    |  |
| ## norm_data_year_freq               | -0.010165425              |                    |  |
| ## norm_ori_freq                     | 0.587532627               |                    |  |
| ## norm_pug_agency_name_freq         | 0.463444957               |                    |  |
| ## norm_state_abbr_freq              | 0.300984076               |                    |  |
| ## norm_state_name_freq              | 0.300984076               |                    |  |
| ##                                   |                           |                    |  |
|                                      | total_offender_count_freq | offender_race_freq |  |
| ## incident_id_freq                  | NA                        | NA                 |  |
| ## data_year_freq                    | 0.0542815062              | -0.1491134244      |  |
| ## ori_freq                          | 0.0029377084              | -0.0024604135      |  |
| ## pug_agency_name_freq              | 0.0003490475              | 0.0005322316       |  |
| ## pub_agency_unit_freq              | -0.0086457578             | -0.0271880690      |  |
| ## agency_type_name_freq             | -0.0159341084             | -0.0337024353      |  |
| ## state_abbr_freq                   | -0.0164654335             | 0.0894614189       |  |
| ## state_name_freq                   | -0.0164654335             | 0.0894614189       |  |
| ## division_name_freq                | -0.0051355855             | 0.0733858775       |  |
| ## region_name_freq                  | -0.0139901201             | 0.0945198725       |  |
| ## population_group_code_freq        | -0.0258446766             | 0.0081640605       |  |
| ## population_group_description_freq | -0.0258446766             | 0.0081640605       |  |
| ## total_offender_count_freq         | 1.0000000000              | 0.1186348207       |  |
| ## offender_race_freq                | 0.1186348207              | 1.0000000000       |  |
| ## offender_ethnicity_freq           | -0.0933032695             | 0.0222564667       |  |
| ## victim_count_freq                 | 0.1415207359              | 0.0301469565       |  |
| ## offense_name_freq                 | 0.1080503828              | 0.1831251216       |  |
| ## location_name_freq                | 0.0029731480              | 0.0503495808       |  |
| ## bias_desc_freq                    | 0.0111139032              | 0.1588410907       |  |
| ## victim_types_freq                 | 0.0054476705              | -0.0997291939      |  |
| ## multiple_offense_freq             | 0.0577077475              | 0.0141474074       |  |
| ## multiple_bias_freq                | 0.0034199513              | 0.0229036288       |  |
| ## Antisemitic_crimes_freq           | -0.0141950947             | -0.1132929881      |  |
| ## Antisemitic_crimes                | 0.0141950947              | 0.1132929881       |  |
| ## norm_bias_desc_freq               | -0.0016983794             | 0.1368906527       |  |
| ## norm_data_year_freq               | 0.0462621302              | -0.1274085840      |  |
| ## norm_ori_freq                     | -0.0318716784             | -0.0193367785      |  |
| ## norm_pug_agency_name_freq         | -0.0267228111             | -0.0170745557      |  |
| ## norm_state_abbr_freq              | -0.0076025437             | 0.0970810736       |  |
| ## norm_state_name_freq              | -0.0076025437             | 0.0970810736       |  |
| ##                                   |                           |                    |  |
|                                      | offender_ethnicity_freq   | victim_count_freq  |  |
| ## incident_id_freq                  | NA                        | NA                 |  |
| ## data_year_freq                    | -0.341244470              | 0.019239989        |  |
| ## ori_freq                          | 0.052554142               | 0.050706014        |  |

|                                      |                   |                    |
|--------------------------------------|-------------------|--------------------|
| ## pug_agency_name_freq              | 0.046851385       | 0.049449259        |
| ## pub_agency_unit_freq              | 0.002672483       | -0.006697261       |
| ## agency_type_name_freq             | -0.007258504      | 0.000818534        |
| ## state_abbr_freq                   | 0.005548728       | 0.038803416        |
| ## state_name_freq                   | 0.005548728       | 0.038803416        |
| ## division_name_freq                | 0.030195645       | 0.042751853        |
| ## region_name_freq                  | 0.015924135       | 0.002501637        |
| ## population_group_code_freq        | 0.027683017       | 0.027910392        |
| ## population_group_description_freq | 0.027683017       | 0.027910392        |
| ## total_offender_count_freq         | -0.093303269      | 0.141520736        |
| ## offender_race_freq                | 0.022256467       | 0.030146957        |
| ## offender_ethnicity_freq           | 1.000000000       | -0.008891950       |
| ## victim_count_freq                 | -0.008891950      | 1.000000000        |
| ## offense_name_freq                 | 0.060216092       | 0.206616730        |
| ## location_name_freq                | 0.065563508       | -0.054328812       |
| ## bias_desc_freq                    | 0.049036420       | -0.007926248       |
| ## victim_types_freq                 | -0.048031871      | -0.068302188       |
| ## multiple_offense_freq             | 0.010628414       | 0.449643477        |
| ## multiple_bias_freq                | 0.127879302       | 0.022120982        |
| ## Antisemitic_crimes_freq           | -0.053597504      | -0.062161226       |
| ## Antisemitic_crimes                | 0.053597504       | 0.062161226        |
| ## norm_bias_desc_freq               | 0.082311848       | -0.004805784       |
| ## norm_data_year_freq               | -0.299104547      | 0.016315482        |
| ## norm_ori_freq                     | 0.052770964       | 0.033029937        |
| ## norm_pug_agency_name_freq         | 0.042833728       | 0.027215892        |
| ## norm_state_abbr_freq              | 0.038480542       | 0.049951916        |
| ## norm_state_name_freq              | 0.038480542       | 0.049951916        |
| ##                                   | offense_name_freq | location_name_freq |
| ## incident_id_freq                  | NA                | NA                 |
| ## data_year_freq                    | -0.0128837811     | -0.037712625       |
| ## ori_freq                          | 0.0340013323      | 0.019486068        |
| ## pug_agency_name_freq              | 0.0273213134      | 0.019340902        |
| ## pub_agency_unit_freq              | -0.0196243331     | 0.048159060        |
| ## agency_type_name_freq             | -0.0139839913     | 0.048138202        |
| ## state_abbr_freq                   | 0.0859889170      | -0.010331819       |
| ## state_name_freq                   | 0.0859889170      | -0.010331819       |
| ## division_name_freq                | 0.1102224429      | -0.015593313       |
| ## region_name_freq                  | 0.1024105512      | -0.024821945       |
| ## population_group_code_freq        | 0.0653118003      | 0.027680903        |
| ## population_group_description_freq | 0.0653118003      | 0.027680903        |
| ## total_offender_count_freq         | 0.1080503828      | 0.002973148        |
| ## offender_race_freq                | 0.1831251216      | 0.050349581        |
| ## offender_ethnicity_freq           | 0.0602160919      | 0.065563508        |
| ## victim_count_freq                 | 0.2066167297      | -0.054328812       |
| ## offense_name_freq                 | 1.0000000000      | 0.005208577        |
| ## location_name_freq                | 0.0052085766      | 1.000000000        |
| ## bias_desc_freq                    | 0.1002329638      | 0.050949956        |
| ## victim_types_freq                 | -0.1333142761     | 0.203239938        |
| ## multiple_offense_freq             | 0.4127595820      | -0.013624832       |
| ## multiple_bias_freq                | -0.0008832887     | 0.030393131        |
| ## Antisemitic_crimes_freq           | -0.2021127092     | 0.022833644        |
| ## Antisemitic_crimes                | 0.2021127092      | -0.022833644       |
| ## norm_bias_desc_freq               | 0.1106613089      | 0.058774762        |
| ## norm_data_year_freq               | -0.0052966555     | -0.032191409       |

|                                      |                       |                    |
|--------------------------------------|-----------------------|--------------------|
| ## norm_ori_freq                     | 0.0553658932          | 0.036443150        |
| ## norm_pug_agency_name_freq         | 0.0343839237          | 0.037692242        |
| ## norm_state_abbr_freq              | 0.1190184844          | -0.006253510       |
| ## norm_state_name_freq              | 0.1190184844          | -0.006253510       |
| ##                                   | bias_desc_freq        | victim_types_freq  |
| ## incident_id_freq                  | NA                    | NA                 |
| ## data_year_freq                    | -0.028375268          | 0.001542626        |
| ## ori_freq                          | -0.067555490          | -0.046663692       |
| ## pug_agency_name_freq              | -0.064541155          | -0.040628847       |
| ## pub_agency_unit_freq              | -0.011332674          | 0.072671512        |
| ## agency_type_name_freq             | -0.016070053          | 0.100458112        |
| ## state_abbr_freq                   | -0.022015592          | -0.015155810       |
| ## state_name_freq                   | -0.022015592          | -0.015155810       |
| ## division_name_freq                | -0.016128311          | -0.050110925       |
| ## region_name_freq                  | -0.051355982          | -0.027886958       |
| ## population_group_code_freq        | -0.020118975          | 0.022821710        |
| ## population_group_description_freq | -0.020118975          | 0.022821710        |
| ## total_offender_count_freq         | 0.011113903           | 0.005447671        |
| ## offender_race_freq                | 0.158841091           | -0.099729194       |
| ## offender_ethnicity_freq           | 0.049036420           | -0.048031871       |
| ## victim_count_freq                 | -0.007926248          | -0.068302188       |
| ## offense_name_freq                 | 0.100232964           | -0.133314276       |
| ## location_name_freq                | 0.050949956           | 0.203239938        |
| ## bias_desc_freq                    | 1.000000000           | 0.048423393        |
| ## victim_types_freq                 | 0.048423393           | 1.000000000        |
| ## multiple_offense_freq             | 0.002496918           | 0.019994019        |
| ## multiple_bias_freq                | 0.103104372           | 0.020055042        |
| ## Antisemitic_crimes_freq           | 0.115969336           | 0.283836422        |
| ## Antisemitic_crimes                | -0.115969336          | -0.283836422       |
| ## norm_bias_desc_freq               | 0.961875585           | 0.054202347        |
| ## norm_data_year_freq               | -0.021359012          | 0.001559434        |
| ## norm_ori_freq                     | -0.053503148          | 0.016605452        |
| ## norm_pug_agency_name_freq         | -0.050674795          | 0.013633587        |
| ## norm_state_abbr_freq              | -0.008153096          | -0.045455029       |
| ## norm_state_name_freq              | -0.008153096          | -0.045455029       |
| ##                                   | multiple_offense_freq | multiple_bias_freq |
| ## incident_id_freq                  | NA                    | NA                 |
| ## data_year_freq                    | -0.0084311191         | -0.0889793733      |
| ## ori_freq                          | 0.0525862334          | 0.0241942914       |
| ## pug_agency_name_freq              | 0.0493994452          | 0.0258286043       |
| ## pub_agency_unit_freq              | -0.0009951712         | 0.0038363575       |
| ## agency_type_name_freq             | 0.0004102563          | -0.0020385990      |
| ## state_abbr_freq                   | 0.0165822083          | 0.0024461505       |
| ## state_name_freq                   | 0.0165822083          | 0.0024461505       |
| ## division_name_freq                | 0.0205058429          | -0.0023531565      |
| ## region_name_freq                  | -0.0017672738         | -0.0152658280      |
| ## population_group_code_freq        | 0.0348041975          | 0.0083393856       |
| ## population_group_description_freq | 0.0348041975          | 0.0083393856       |
| ## total_offender_count_freq         | 0.0577077475          | 0.0034199513       |
| ## offender_race_freq                | 0.0141474074          | 0.0229036288       |
| ## offender_ethnicity_freq           | 0.0106284137          | 0.1278793023       |
| ## victim_count_freq                 | 0.4496434775          | 0.0221209819       |
| ## offense_name_freq                 | 0.4127595820          | -0.0008832887      |
| ## location_name_freq                | -0.0136248317         | 0.0303931307       |

|                                      |                         |                     |
|--------------------------------------|-------------------------|---------------------|
| ## bias_desc_freq                    | 0.0024969182            | 0.1031043720        |
| ## victim_types_freq                 | 0.0199940192            | 0.0200550420        |
| ## multiple_offense_freq             | 1.0000000000            | 0.0582026971        |
| ## multiple_bias_freq                | 0.0582026971            | 1.0000000000        |
| ## Antisemitic_crimes_freq           | -0.0390344463           | 0.0439969352        |
| ## Antisemitic_crimes                | 0.0390344463            | -0.0439969352       |
| ## norm_bias_desc_freq               | 0.0103955247            | 0.1960942445        |
| ## norm_data_year_freq               | -0.0096929464           | -0.0804647877       |
| ## norm_ori_freq                     | 0.0431892131            | 0.0230695016        |
| ## norm_pug_agency_name_freq         | 0.0367225522            | 0.0250806788        |
| ## norm_state_abbr_freq              | 0.0289020487            | -0.0064094151       |
| ## norm_state_name_freq              | 0.0289020487            | -0.0064094151       |
| ##                                   | Antisemitic_crimes_freq | Antisemitic_crimes  |
| ## incident_id_freq                  | NA                      | NA                  |
| ## data_year_freq                    | 0.032244528             | -0.032244528        |
| ## ori_freq                          | -0.175632995            | 0.175632995         |
| ## pug_agency_name_freq              | -0.165729973            | 0.165729973         |
| ## pub_agency_unit_freq              | 0.010034935             | -0.010034935        |
| ## agency_type_name_freq             | 0.006276269             | -0.006276269        |
| ## state_abbr_freq                   | -0.112879840            | 0.112879840         |
| ## state_name_freq                   | -0.112879840            | 0.112879840         |
| ## division_name_freq                | -0.142115693            | 0.142115693         |
| ## region_name_freq                  | -0.125811774            | 0.125811774         |
| ## population_group_code_freq        | -0.118374892            | 0.118374892         |
| ## population_group_description_freq | -0.118374892            | 0.118374892         |
| ## total_offender_count_freq         | -0.014195095            | 0.014195095         |
| ## offender_race_freq                | -0.113292988            | 0.113292988         |
| ## offender_ethnicity_freq           | -0.053597504            | 0.053597504         |
| ## victim_count_freq                 | -0.062161226            | 0.062161226         |
| ## offense_name_freq                 | -0.202112709            | 0.202112709         |
| ## location_name_freq                | 0.022833644             | -0.022833644        |
| ## bias_desc_freq                    | 0.115969336             | -0.115969336        |
| ## victim_types_freq                 | 0.283836422             | -0.283836422        |
| ## multiple_offense_freq             | -0.039034446            | 0.039034446         |
| ## multiple_bias_freq                | 0.043996935             | -0.043996935        |
| ## Antisemitic_crimes_freq           | 1.000000000             | -1.000000000        |
| ## Antisemitic_crimes                | -1.000000000            | 1.000000000         |
| ## norm_bias_desc_freq               | 0.010975586             | -0.010975586        |
| ## norm_data_year_freq               | 0.030137248             | -0.030137248        |
| ## norm_ori_freq                     | -0.126143209            | 0.126143209         |
| ## norm_pug_agency_name_freq         | -0.112126183            | 0.112126183         |
| ## norm_state_abbr_freq              | -0.145973581            | 0.145973581         |
| ## norm_state_name_freq              | -0.145973581            | 0.145973581         |
| ##                                   | norm_bias_desc_freq     | norm_data_year_freq |
| ## incident_id_freq                  | NA                      | NA                  |
| ## data_year_freq                    | -0.055306044            | 0.984600267         |
| ## ori_freq                          | -0.028807098            | -0.015773475        |
| ## pug_agency_name_freq              | -0.027397147            | -0.010482139        |
| ## pub_agency_unit_freq              | -0.006352470            | -0.007776137        |
| ## agency_type_name_freq             | -0.003112261            | -0.006701547        |
| ## state_abbr_freq                   | 0.001642337             | 0.040639361         |
| ## state_name_freq                   | 0.001642337             | 0.040639361         |
| ## division_name_freq                | 0.006280893             | 0.016218649         |
| ## region_name_freq                  | -0.028596766            | -0.001503596        |

|                                      |                      |                           |
|--------------------------------------|----------------------|---------------------------|
| ## population_group_code_freq        | 0.010101505          | -0.010165425              |
| ## population_group_description_freq | 0.010101505          | -0.010165425              |
| ## total_offender_count_freq         | -0.001698379         | 0.046262130               |
| ## offender_race_freq                | 0.136890653          | -0.127408584              |
| ## offender_ethnicity_freq           | 0.082311848          | -0.299104547              |
| ## victim_count_freq                 | -0.004805784         | 0.016315482               |
| ## offense_name_freq                 | 0.110661309          | -0.005296656              |
| ## location_name_freq                | 0.058774762          | -0.032191409              |
| ## bias_desc_freq                    | 0.961875585          | -0.021359012              |
| ## victim_types_freq                 | 0.054202347          | 0.001559434               |
| ## multiple_offense_freq             | 0.010395525          | -0.009692946              |
| ## multiple_bias_freq                | 0.196094244          | -0.080464788              |
| ## Antisemitic_crimes_freq           | 0.010975586          | 0.030137248               |
| ## Antisemitic_crimes                | -0.010975586         | -0.030137248              |
| ## norm_bias_desc_freq               | 1.000000000          | -0.045382136              |
| ## norm_data_year_freq               | -0.045382136         | 1.000000000               |
| ## norm_ori_freq                     | -0.011585220         | -0.058220662              |
| ## norm_pug_agency_name_freq         | -0.013404849         | -0.045681757              |
| ## norm_state_abbr_freq              | 0.018418829          | 0.013651020               |
| ## norm_state_name_freq              | 0.018418829          | 0.013651020               |
| ##                                   | norm_ori_freq        | norm_pug_agency_name_freq |
| ## incident_id_freq                  | NA                   | NA                        |
| ## data_year_freq                    | -0.06097569          | -0.04740955               |
| ## ori_freq                          | 0.71460439           | 0.69224608                |
| ## pug_agency_name_freq              | 0.70298804           | 0.72347540                |
| ## pub_agency_unit_freq              | 0.16934605           | -0.04741354               |
| ## agency_type_name_freq             | 0.20271646           | 0.07999034                |
| ## state_abbr_freq                   | 0.28357662           | 0.26595311                |
| ## state_name_freq                   | 0.28357662           | 0.26595311                |
| ## division_name_freq                | 0.27852218           | 0.26179240                |
| ## region_name_freq                  | 0.29760694           | 0.26196149                |
| ## population_group_code_freq        | 0.58753263           | 0.46344496                |
| ## population_group_description_freq | 0.58753263           | 0.46344496                |
| ## total_offender_count_freq         | -0.03187168          | -0.02672281               |
| ## offender_race_freq                | -0.01933678          | -0.01707456               |
| ## offender_ethnicity_freq           | 0.05277096           | 0.04283373                |
| ## victim_count_freq                 | 0.03302994           | 0.02721589                |
| ## offense_name_freq                 | 0.05536589           | 0.03438392                |
| ## location_name_freq                | 0.03644315           | 0.03769224                |
| ## bias_desc_freq                    | -0.05350315          | -0.05067480               |
| ## victim_types_freq                 | 0.01660545           | 0.01363359                |
| ## multiple_offense_freq             | 0.04318921           | 0.03672255                |
| ## multiple_bias_freq                | 0.02306950           | 0.02508068                |
| ## Antisemitic_crimes_freq           | -0.12614321          | -0.11212618               |
| ## Antisemitic_crimes                | 0.12614321           | 0.11212618                |
| ## norm_bias_desc_freq               | -0.01158522          | -0.01340485               |
| ## norm_data_year_freq               | -0.05822066          | -0.04568176               |
| ## norm_ori_freq                     | 1.00000000           | 0.91546693                |
| ## norm_pug_agency_name_freq         | 0.91546693           | 1.00000000                |
| ## norm_state_abbr_freq              | 0.31949856           | 0.29008969                |
| ## norm_state_name_freq              | 0.31949856           | 0.29008969                |
| ##                                   | norm_state_abbr_freq | norm_state_name_freq      |
| ## incident_id_freq                  | NA                   | NA                        |
| ## data_year_freq                    | 0.005518836          | 0.005518836               |

```
## ori_freq 0.327886582 0.327886582
## pug_agency_name_freq 0.345443892 0.345443892
## pub_agency_unit_freq 0.025348719 0.025348719
## agency_type_name_freq 0.121006359 0.121006359
## state_abbr_freq 0.939039090 0.939039090
## state_name_freq 0.939039090 0.939039090
## division_name_freq 0.742231805 0.742231805
## region_name_freq 0.523871970 0.523871970
## population_group_code_freq 0.300984076 0.300984076
## population_group_description_freq 0.300984076 0.300984076
## total_offender_count_freq -0.007602544 -0.007602544
## offender_race_freq 0.097081074 0.097081074
## offender_ethnicity_freq 0.038480542 0.038480542
## victim_count_freq 0.049951916 0.049951916
## offense_name_freq 0.119018484 0.119018484
## location_name_freq -0.006253510 -0.006253510
## bias_desc_freq -0.008153096 -0.008153096
## victim_types_freq -0.045455029 -0.045455029
## multiple_offense_freq 0.028902049 0.028902049
## multiple_bias_freq -0.006409415 -0.006409415
## Antisemitic_crimes_freq -0.145973581 -0.145973581
## Antisemitic_crimes 0.145973581 0.145973581
## norm_bias_desc_freq 0.018418829 0.018418829
## norm_data_year_freq 0.013651020 0.013651020
## norm_ori_freq 0.319498558 0.319498558
## norm_pug_agency_name_freq 0.290089686 0.290089686
## norm_state_abbr_freq 1.000000000 1.000000000
## norm_state_name_freq 1.000000000 1.000000000
```

```
cor_threshold <- 0.95
(highly_correlated_pairs <- which(cor_matrix_for_model > cor_threshold & cor_matrix_for_model < 1, arr.
```

```
## row col
## norm_data_year_freq 26 2
## pug_agency_name_freq 4 3
## ori_freq 3 4
## population_group_description_freq 12 11
## population_group_code_freq 11 12
## norm_bias_desc_freq 25 19
## bias_desc_freq 19 25
## data_year_freq 2 26
## norm_state_name_freq 30 29
## norm_state_abbr_freq 29 30
```

## Models

```
mod <- glm(Antisemitic_crimes~.,df_train_model, family = binomial)
```

```
## Warning: glm.fit: algorithm did not converge
```

```
summary(mod)
```

```
##
## Call:
## glm(formula = Antisemitic_crimes ~ ., family = binomial, data = df_train_model)
##
## Coefficients: (4 not defined because of singularities)
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept)    3.552e+01  8.821e+05  0.000    1.000
## incident_id_freq      NA         NA      NA      NA
## data_year_freq    1.540e-15  3.174e+00  0.000    1.000
## ori_freq          5.665e-15  1.579e+00  0.000    1.000
## pug_agency_name_freq -1.166e-15  1.558e+00  0.000    1.000
## pub_agency_unit_freq  2.166e-17  2.521e-02  0.000    1.000
## agency_type_name_freq  9.183e-18  1.618e-02  0.000    1.000
## state_abbr_freq     -6.966e-18  1.956e-01  0.000    1.000
## state_name_freq      NA         NA      NA      NA
## division_name_freq   7.490e-17  8.260e-02  0.000    1.000
## region_name_freq    -8.275e-17  9.128e-02  0.000    1.000
## population_group_code_freq -1.617e-16  1.628e-01  0.000    1.000
## population_group_description_freq NA         NA      NA      NA
## total_offender_count_freq  1.725e-17  2.315e-02  0.000    1.000
## offender_race_freq    -1.391e-17  2.917e-02  0.000    1.000
## offender_ethnicity_freq -5.812e-19  1.322e-02  0.000    1.000
## victim_count_freq    -1.146e-17  1.395e-02  0.000    1.000
## offense_name_freq     7.331e-19  3.937e-02  0.000    1.000
## location_name_freq    3.092e-17  3.158e-02  0.000    1.000
## bias_desc_freq       1.643e-17  1.137e-01  0.000    1.000
## victim_types_freq    -4.740e-17  1.206e-02  0.000    1.000
## multiple_offense_freq  8.401e-18  2.424e-02  0.000    1.000
## multiple_bias_freq    2.871e-17  4.568e-02  0.000    1.000
## Antisemitic_crimes_freq -2.940e-04  1.633e-02 -0.018    0.986
## norm_bias_desc_freq    -8.224e-15  6.721e+01  0.000    1.000
## norm_data_year_freq   -5.708e-11  2.634e+05  0.000    1.000
## norm_ori_freq        -2.422e-12  1.365e+03  0.000    1.000
## norm_pug_agency_name_freq  7.925e-13  1.412e+03  0.000    1.000
## norm_state_abbr_freq  -1.894e-13  3.091e+02  0.000    1.000
## norm_state_name_freq    NA         NA      NA      NA
##
## (Dispersion parameter for binomial family taken to be 1)
##
## Null deviance: 1.4614e+05 on 193329 degrees of freedom
## Residual deviance: 1.1216e-06 on 193304 degrees of freedom
## AIC: 52
##
## Number of Fisher Scoring iterations: 25
```

```
logistic_model <- glm(Antisemitic_crimes~ norm_ori_freq + norm_state_abbr_freq + norm_data_year_freq + v
summary(logistic_model)
```

```
##
```

```
## Call:
## glm(formula = Antisemitic_crimes ~ norm_ori_freq + norm_state_abbr_freq +
##      norm_data_year_freq + victim_types_freq + division_name_freq +
##      region_name_freq + population_group_code_freq + offender_race_freq,
##      family = binomial, data = df_train_model)
##
## Coefficients:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept)      7.101e+00  1.434e+00   4.952 7.36e-07 ***
## norm_ori_freq      9.245e-02  4.717e-03  19.600 < 2e-16 ***
## norm_state_abbr_freq  1.851e-02  1.520e-03  12.178 < 2e-16 ***
## norm_data_year_freq -3.376e+00  4.159e-01  -8.118 4.74e-16 ***
## victim_types_freq  -9.152e-06  8.277e-08 -110.568 < 2e-16 ***
## division_name_freq   7.880e-06  7.993e-07   9.858 < 2e-16 ***
## region_name_freq    1.329e-05  9.394e-07  14.153 < 2e-16 ***
## population_group_code_freq 2.678e-05  1.312e-06  20.412 < 2e-16 ***
## offender_race_freq   1.103e-05  3.316e-07  33.262 < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##      Null deviance: 146140  on 193329  degrees of freedom
## Residual deviance: 124959  on 193321  degrees of freedom
## AIC: 124977
##
## Number of Fisher Scoring iterations: 5

(probability_predictions <- predict(logistic_model, newdata = df_test_model, type = "response"))

##           2           5           6           14           15           25
## 0.077644164 0.070969447 0.133854660 0.296638862 0.296638862 0.695816555
##           26           27           37           40           42           67
## 0.695816555 0.293538752 0.171523278 0.296638862 0.293538752 0.228818256
##           70           71           73           80           90           92
## 0.226198984 0.127137291 0.228818256 0.127137291 0.244168524 0.639107846
##           93           94           101          102          103          111
## 0.106764492 0.138647291 0.236300351 0.236300351 0.233621377 0.217189297
##          116          117          121          122          129          132
## 0.219733867 0.121454002 0.236098291 0.226858198 0.478939904 0.244168524
##          152          159          176          177          180          182
## 0.230489632 0.236098291 0.226198984 0.127137291 0.226198984 0.226198984
##          187          198          203          216          218          220
## 0.127137291 0.589894741 0.221010956 0.590421000 0.540387745 0.560986823
##          221          223          230          232          237          239
## 0.540387745 0.390059035 0.219423550 0.221894636 0.591823376 0.221010956
##          241          247          254          261          266          268
## 0.221010956 0.221395658 0.593706428 0.197722498 0.210471588 0.208005683
##          271          272          290          295          300          304
## 0.451600545 0.451600545 0.451600545 0.451600545 0.088944814 0.509001265
##          309          310          312          314          323          327
## 0.163833608 0.163833608 0.163833608 0.163833608 0.095009145 0.137369837
##          329          332          337          340          341          344
## 0.135613288 0.137369837 0.137369837 0.137369837 0.135613288 0.152501175
```



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 350         | 356         | 361         | 364         | 372         | 373         |
| ## | 0.500310083 | 0.146574556 | 0.143338266 | 0.032220583 | 0.135613288 | 0.137369837 |
| ## | 384         | 385         | 391         | 400         | 420         | 422         |
| ## | 0.152501175 | 0.082282723 | 0.496584220 | 0.468953663 | 0.218301365 | 0.095182514 |
| ## | 423         | 433         | 435         | 439         | 446         | 465         |
| ## | 0.215022229 | 0.140169900 | 0.215174535 | 0.220855288 | 0.292830597 | 0.289753891 |
| ## | 467         | 469         | 472         | 480         | 482         | 493         |
| ## | 0.168935462 | 0.292830597 | 0.691924967 | 0.292830597 | 0.292830597 | 0.289753891 |
| ## | 494         | 495         | 496         | 501         | 506         | 508         |
| ## | 0.292830597 | 0.289753891 | 0.289753891 | 0.289753891 | 0.292830597 | 0.289753891 |
| ## | 509         | 511         | 512         | 513         | 517         | 521         |
| ## | 0.292830597 | 0.292830597 | 0.292830597 | 0.292830597 | 0.292830597 | 0.292830597 |
| ## | 523         | 540         | 563         | 567         | 568         | 573         |
| ## | 0.168935462 | 0.168935462 | 0.289753891 | 0.289753891 | 0.168935462 | 0.292830597 |
| ## | 577         | 592         | 596         | 600         | 609         | 612         |
| ## | 0.292830597 | 0.292830597 | 0.289753891 | 0.131312702 | 0.613921583 | 0.485950912 |
| ## | 617         | 622         | 626         | 631         | 633         | 637         |
| ## | 0.604264557 | 0.161454730 | 0.243419460 | 0.271349757 | 0.261377370 | 0.644344577 |
| ## | 643         | 649         | 658         | 663         | 665         | 672         |
| ## | 0.248512022 | 0.172687863 | 0.295236555 | 0.295236555 | 0.295236555 | 0.295236555 |
| ## | 673         | 679         | 692         | 702         | 704         | 710         |
| ## | 0.172687863 | 0.298347024 | 0.704067062 | 0.682006429 | 0.295236555 | 0.678765486 |
| ## | 712         | 713         | 714         | 716         | 722         | 725         |
| ## | 0.172687863 | 0.704067062 | 0.172687863 | 0.295236555 | 0.704067062 | 0.704067062 |
| ## | 727         | 728         | 735         | 738         | 743         | 750         |
| ## | 0.130151676 | 0.172687863 | 0.295236555 | 0.151826076 | 0.243419460 | 0.644344577 |
| ## | 760         | 771         | 778         | 793         | 798         | 810         |
| ## | 0.172687863 | 0.172687863 | 0.295236555 | 0.295236555 | 0.295236555 | 0.215925502 |
| ## | 814         | 819         | 822         | 831         | 848         | 849         |
| ## | 0.213412971 | 0.119089018 | 0.589406155 | 0.215925502 | 0.124059829 | 0.612642776 |
| ## | 853         | 855         | 867         | 869         | 873         | 874         |
| ## | 0.221331680 | 0.600623203 | 0.221331680 | 0.124059829 | 0.221331680 | 0.124059829 |
| ## | 876         | 878         | 880         | 881         | 891         | 893         |
| ## | 0.221331680 | 0.221331680 | 0.221331680 | 0.221331680 | 0.221331680 | 0.221331680 |
| ## | 896         | 897         | 906         | 913         | 915         | 917         |
| ## | 0.221331680 | 0.223910901 | 0.221331680 | 0.104301474 | 0.110864392 | 0.441915567 |
| ## | 923         | 924         | 926         | 936         | 942         | 944         |
| ## | 0.207152316 | 0.086958881 | 0.204715217 | 0.218212155 | 0.592658382 | 0.218212155 |
| ## | 949         | 957         | 958         | 976         | 982         | 989         |
| ## | 0.122096315 | 0.220765329 | 0.220765329 | 0.218212155 | 0.220765329 | 0.218212155 |
| ## | 990         | 993         | 999         | 1000        | 1002        | 1005        |
| ## | 0.218212155 | 0.122096315 | 0.608316658 | 0.218212155 | 0.090656218 | 0.596251313 |
| ## | 1008        | 1011        | 1018        | 1021        | 1033        | 1034        |
| ## | 0.172431195 | 0.111286739 | 0.075132898 | 0.183828166 | 0.093455404 | 0.598985434 |
| ## | 1035        | 1037        | 1040        | 1041        | 1043        | 1050        |
| ## | 0.598985434 | 0.213412971 | 0.091227421 | 0.119089018 | 0.213412971 | 0.467955843 |
| ## | 1056        | 1058        | 1064        | 1067        | 1071        | 1072        |
| ## | 0.563877196 | 0.196380369 | 0.221331680 | 0.221331680 | 0.221331680 | 0.221331680 |
| ## | 1074        | 1077        | 1082        | 1090        | 1098        | 1101        |
| ## | 0.221331680 | 0.221331680 | 0.223910901 | 0.124059829 | 0.612642776 | 0.221331680 |
| ## | 1103        | 1104        | 1111        | 1116        | 1133        | 1134        |
| ## | 0.124059829 | 0.612642776 | 0.213412971 | 0.213412971 | 0.223910901 | 0.221331680 |
| ## | 1139        | 1141        | 1145        | 1152        | 1165        | 1167        |
| ## | 0.612642776 | 0.124059829 | 0.223910901 | 0.600623203 | 0.200422597 | 0.189445578 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 1178        | 1184        | 1189        | 1190        | 1191        | 1192        |
| ## | 0.204715217 | 0.488133976 | 0.592658382 | 0.122096315 | 0.122096315 | 0.122096315 |
| ## | 1201        | 1204        | 1205        | 1206        | 1211        | 1218        |
| ## | 0.596251313 | 0.218212155 | 0.608316658 | 0.220765329 | 0.122096315 | 0.092792222 |
| ## | 1226        | 1227        | 1236        | 1238        | 1240        | 1249        |
| ## | 0.570754896 | 0.111286739 | 0.173964442 | 0.094970780 | 0.158025387 | 0.167151745 |
| ## | 1251        | 1257        | 1259        | 1261        | 1262        | 1264        |
| ## | 0.087578207 | 0.508465972 | 0.538052181 | 0.091468314 | 0.170184192 | 0.170184192 |
| ## | 1270        | 1281        | 1289        | 1292        | 1293        | 1298        |
| ## | 0.091468314 | 0.091468314 | 0.091468314 | 0.147257316 | 0.111054275 | 0.160620201 |
| ## | 1305        | 1308        | 1315        | 1316        | 1318        | 1319        |
| ## | 0.129197960 | 0.072173840 | 0.511638688 | 0.162188732 | 0.526264260 | 0.124858191 |
| ## | 1331        | 1333        | 1337        | 1338        | 1357        | 1360        |
| ## | 0.160173751 | 0.261082171 | 0.086784257 | 0.086784257 | 0.094970780 | 0.376555509 |
| ## | 1367        | 1370        | 1377        | 1386        | 1389        | 1395        |
| ## | 0.105091372 | 0.158025387 | 0.521202458 | 0.067310309 | 0.091468314 | 0.091468314 |
| ## | 1397        | 1398        | 1401        | 1410        | 1416        | 1420        |
| ## | 0.091468314 | 0.168089808 | 0.168089808 | 0.168089808 | 0.091468314 | 0.066999327 |
| ## | 1424        | 1428        | 1438        | 1445        | 1447        | 1448        |
| ## | 0.063776532 | 0.086784257 | 0.086784257 | 0.086784257 | 0.162188732 | 0.162188732 |
| ## | 1451        | 1452        | 1454        | 1457        | 1461        | 1464        |
| ## | 0.160173751 | 0.072288751 | 0.550898776 | 0.056678108 | 0.157012329 | 0.084924880 |
| ## | 1482        | 1493        | 1495        | 1505        | 1508        | 1510        |
| ## | 0.157012329 | 0.157012329 | 0.157012329 | 0.084924880 | 0.171803141 | 0.156024412 |
| ## | 1512        | 1518        | 1528        | 1538        | 1544        | 1547        |
| ## | 0.154071932 | 0.092758094 | 0.170257544 | 0.170257544 | 0.159455039 | 0.122661448 |
| ## | 1553        | 1560        | 1588        | 1604        | 1620        | 1624        |
| ## | 0.157012329 | 0.158995068 | 0.496339377 | 0.233981737 | 0.154651525 | 0.268555546 |
| ## | 1628        | 1629        | 1637        | 1653        | 1662        | 1663        |
| ## | 0.271493203 | 0.311477288 | 0.217512721 | 0.687361457 | 0.289009576 | 0.682608641 |
| ## | 1664        | 1667        | 1682        | 1689        | 1707        | 1710        |
| ## | 0.278700139 | 0.335259253 | 0.275714014 | 0.706594508 | 0.718941759 | 0.718941759 |
| ## | 1715        | 1717        | 1721        | 1723        | 1725        | 1729        |
| ## | 0.292305277 | 0.668197206 | 0.218909384 | 0.699829925 | 0.238210768 | 0.317008886 |
| ## | 1740        | 1751        | 1757        | 1758        | 1761        | 1763        |
| ## | 0.312853242 | 0.686913102 | 0.718580663 | 0.290504975 | 0.294089856 | 0.294089856 |
| ## | 1771        | 1773        | 1777        | 1784        | 1787        | 1789        |
| ## | 0.285702856 | 0.216408235 | 0.329325803 | 0.307799570 | 0.181378208 | 0.306575488 |
| ## | 1804        | 1805        | 1810        | 1814        | 1826        | 1830        |
| ## | 0.731983494 | 0.715336469 | 0.325304273 | 0.192875368 | 0.327410786 | 0.739197853 |
| ## | 1833        | 1842        | 1848        | 1855        | 1861        | 1875        |
| ## | 0.739197853 | 0.720771664 | 0.718562110 | 0.706802248 | 0.332158147 | 0.303525919 |
| ## | 1883        | 1890        | 1898        | 1908        | 1920        | 1923        |
| ## | 0.313078569 | 0.294429984 | 0.345295911 | 0.228027826 | 0.232060788 | 0.229489631 |
| ## | 1928        | 1930        | 1932        | 1945        | 1946        | 1947        |
| ## | 0.281658639 | 0.278653061 | 0.291146770 | 0.302804732 | 0.302804732 | 0.190325200 |
| ## | 1955        | 1967        | 1978        | 1979        | 1991        | 2016        |
| ## | 0.187996350 | 0.353540421 | 0.736834532 | 0.304016940 | 0.289892461 | 0.723525005 |
| ## | 2017        | 2020        | 2024        | 2032        | 2033        | 2045        |
| ## | 0.724376342 | 0.329120870 | 0.329120870 | 0.294886030 | 0.679999321 | 0.678862412 |
| ## | 2047        | 2049        | 2052        | 2056        | 2065        | 2067        |
| ## | 0.209703773 | 0.194085536 | 0.291796638 | 0.291796638 | 0.295329065 | 0.530038375 |
| ## | 2070        | 2083        | 2095        | 2100        | 2101        | 2102        |
| ## | 0.185372432 | 0.327771301 | 0.715237776 | 0.307444695 | 0.676261709 | 0.237101586 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 2125        | 2126        | 2131        | 2143        | 2145        | 2146        |
| ## | 0.307412813 | 0.304248812 | 0.319780997 | 0.327109684 | 0.330398527 | 0.713369668 |
| ## | 2149        | 2155        | 2156        | 2159        | 2167        | 2169        |
| ## | 0.192875368 | 0.192875368 | 0.327410786 | 0.192875368 | 0.721519535 | 0.717066777 |
| ## | 2170        | 2183        | 2185        | 2187        | 2188        | 2193        |
| ## | 0.237520940 | 0.284960590 | 0.316102139 | 0.660891829 | 0.265619359 | 0.335259253 |
| ## | 2200        | 2201        | 2205        | 2206        | 2212        | 2216        |
| ## | 0.199115362 | 0.226416270 | 0.232060788 | 0.274340652 | 0.180741203 | 0.692639083 |
| ## | 2223        | 2225        | 2235        | 2237        | 2263        | 2270        |
| ## | 0.612270683 | 0.188132613 | 0.688381929 | 0.333171666 | 0.323349457 | 0.182674968 |
| ## | 2273        | 2274        | 2285        | 2287        | 2294        | 2295        |
| ## | 0.307488827 | 0.305928713 | 0.671087206 | 0.686913102 | 0.701440710 | 0.167360932 |
| ## | 2306        | 2309        | 2319        | 2322        | 2325        | 2328        |
| ## | 0.212733311 | 0.611637360 | 0.230550541 | 0.741244561 | 0.724956618 | 0.301533755 |
| ## | 2337        | 2339        | 2342        | 2344        | 2346        | 2355        |
| ## | 0.338519902 | 0.720771664 | 0.720771664 | 0.714203559 | 0.318134873 | 0.320097239 |
| ## | 2358        | 2359        | 2365        | 2367        | 2377        | 2386        |
| ## | 0.161041222 | 0.281105114 | 0.646135515 | 0.617656925 | 0.291536767 | 0.165149294 |
| ## | 2391        | 2409        | 2410        | 2413        | 2417        | 2420        |
| ## | 0.320540840 | 0.687197951 | 0.214144164 | 0.353540421 | 0.356954035 | 0.353540421 |
| ## | 2422        | 2424        | 2426        | 2445        | 2446        | 2451        |
| ## | 0.353540421 | 0.736834532 | 0.750257514 | 0.676380385 | 0.225414957 | 0.328525663 |
| ## | 2452        | 2455        | 2457        | 2464        | 2466        | 2467        |
| ## | 0.714681802 | 0.327139747 | 0.725051704 | 0.278700139 | 0.324824316 | 0.711238094 |
| ## | 2469        | 2472        | 2477        | 2478        | 2480        | 2482        |
| ## | 0.711238094 | 0.130899548 | 0.296555741 | 0.301591068 | 0.277535549 | 0.277535549 |
| ## | 2484        | 2498        | 2501        | 2502        | 2503        | 2505        |
| ## | 0.280533761 | 0.108928736 | 0.251136188 | 0.251136188 | 0.251136188 | 0.105552430 |
| ## | 2507        | 2509        | 2520        | 2522        | 2523        | 2529        |
| ## | 0.248343713 | 0.182418719 | 0.163514867 | 0.309541298 | 0.182593268 | 0.167493239 |
| ## | 2538        | 2540        | 2541        | 2543        | 2545        | 2546        |
| ## | 0.182967664 | 0.347573272 | 0.347573272 | 0.344201349 | 0.344201349 | 0.347573272 |
| ## | 2555        | 2556        | 2558        | 2564        | 2578        | 2584        |
| ## | 0.313274572 | 0.182967664 | 0.347573272 | 0.347573272 | 0.742898176 | 0.728784863 |
| ## | 2596        | 2597        | 2601        | 2607        | 2608        | 2609        |
| ## | 0.458035605 | 0.458035605 | 0.458035605 | 0.458035605 | 0.458035605 | 0.458035605 |
| ## | 2610        | 2614        | 2620        | 2621        | 2633        | 2634        |
| ## | 0.293225834 | 0.454338315 | 0.454338315 | 0.458035605 | 0.458035605 | 0.293225834 |
| ## | 2641        | 2643        | 2647        | 2652        | 2666        | 2673        |
| ## | 0.454338315 | 0.235516017 | 0.458035605 | 0.235516017 | 0.293225834 | 0.458035605 |
| ## | 2676        | 2677        | 2680        | 2684        | 2687        | 2688        |
| ## | 0.293225834 | 0.454338315 | 0.454338315 | 0.293225834 | 0.458035605 | 0.293225834 |
| ## | 2692        | 2695        | 2696        | 2707        | 2714        | 2715        |
| ## | 0.458035605 | 0.458035605 | 0.293225834 | 0.293225834 | 0.293225834 | 0.235516017 |
| ## | 2721        | 2723        | 2724        | 2731        | 2733        | 2734        |
| ## | 0.458035605 | 0.293225834 | 0.458035605 | 0.458035605 | 0.458035605 | 0.293225834 |
| ## | 2746        | 2747        | 2756        | 2767        | 2776        | 2779        |
| ## | 0.235516017 | 0.454338315 | 0.458035605 | 0.458035605 | 0.809988609 | 0.293225834 |
| ## | 2783        | 2784        | 2785        | 2792        | 2793        | 2803        |
| ## | 0.820914664 | 0.814999384 | 0.820914664 | 0.454338315 | 0.235516017 | 0.809988609 |
| ## | 2806        | 2807        | 2810        | 2814        | 2816        | 2822        |
| ## | 0.454338315 | 0.293225834 | 0.814999384 | 0.820914664 | 0.814999384 | 0.809988609 |
| ## | 2824        | 2827        | 2829        | 2831        | 2834        | 2837        |
| ## | 0.820914664 | 0.293225834 | 0.820914664 | 0.293225834 | 0.187382264 | 0.274069467 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 2839        | 2841        | 2846        | 2848        | 2854        | 2878        |
| ## | 0.655683481 | 0.253945818 | 0.561675101 | 0.291718268 | 0.208915193 | 0.346408071 |
| ## | 2881        | 2883        | 2890        | 2892        | 2893        | 2904        |
| ## | 0.349790081 | 0.346408071 | 0.346408071 | 0.349790081 | 0.346408071 | 0.208915193 |
| ## | 2907        | 2923        | 2927        | 2946        | 2954        | 2956        |
| ## | 0.349790081 | 0.730709940 | 0.349790081 | 0.187511219 | 0.705861893 | 0.639247637 |
| ## | 2957        | 2972        | 2976        | 2980        | 2991        | 3005        |
| ## | 0.307644967 | 0.234703330 | 0.234703330 | 0.242048742 | 0.163226440 | 0.744925865 |
| ## | 3007        | 3010        | 3014        | 3021        | 3024        | 3026        |
| ## | 0.742898176 | 0.744925865 | 0.744925865 | 0.735237085 | 0.728784863 | 0.742083679 |
| ## | 3053        | 3055        | 3060        | 3071        | 3079        | 3084        |
| ## | 0.458035605 | 0.235516017 | 0.458035605 | 0.458035605 | 0.454338315 | 0.454338315 |
| ## | 3086        | 3092        | 3103        | 3106        | 3120        | 3122        |
| ## | 0.458035605 | 0.183577088 | 0.272717190 | 0.648655110 | 0.349790081 | 0.349790081 |
| ## | 3123        | 3124        | 3126        | 3132        | 3156        | 3160        |
| ## | 0.346408071 | 0.349790081 | 0.346408071 | 0.349790081 | 0.346408071 | 0.346408071 |
| ## | 3165        | 3166        | 3174        | 3189        | 3206        | 3210        |
| ## | 0.293225834 | 0.458035605 | 0.458035605 | 0.454338315 | 0.454338315 | 0.235516017 |
| ## | 3215        | 3216        | 3219        | 3220        | 3224        | 3236        |
| ## | 0.458035605 | 0.454338315 | 0.458035605 | 0.458035605 | 0.293225834 | 0.820914664 |
| ## | 3240        | 3245        | 3247        | 3249        | 3250        | 3254        |
| ## | 0.814999384 | 0.820914664 | 0.818713132 | 0.458035605 | 0.820914664 | 0.293225834 |
| ## | 3255        | 3257        | 3268        | 3269        | 3273        | 3284        |
| ## | 0.809988609 | 0.820914664 | 0.814999384 | 0.692331506 | 0.809988609 | 0.454338315 |
| ## | 3292        | 3293        | 3294        | 3316        | 3320        | 3323        |
| ## | 0.809988609 | 0.820914664 | 0.820914664 | 0.454338315 | 0.454338315 | 0.458035605 |
| ## | 3326        | 3329        | 3341        | 3342        | 3343        | 3344        |
| ## | 0.454338315 | 0.454338315 | 0.293225834 | 0.458035605 | 0.349790081 | 0.291069023 |
| ## | 3347        | 3351        | 3353        | 3356        | 3358        | 3367        |
| ## | 0.184548419 | 0.103714381 | 0.190756267 | 0.188466211 | 0.190756267 | 0.303572424 |
| ## | 3372        | 3373        | 3380        | 3381        | 3397        | 3405        |
| ## | 0.697546505 | 0.690562343 | 0.614326301 | 0.614326301 | 0.130850921 | 0.627033776 |
| ## | 3412        | 3428        | 3433        | 3434        | 3440        | 3441        |
| ## | 0.242048742 | 0.744758161 | 0.744758161 | 0.730709940 | 0.730709940 | 0.730709940 |
| ## | 3444        | 3446        | 3447        | 3448        | 3455        | 3458        |
| ## | 0.730709940 | 0.730709940 | 0.744758161 | 0.727767239 | 0.196326233 | 0.198688413 |
| ## | 3461        | 3462        | 3463        | 3472        | 3477        | 3482        |
| ## | 0.196326233 | 0.196326233 | 0.196326233 | 0.573537305 | 0.198688413 | 0.563792826 |
| ## | 3483        | 3487        | 3491        | 3492        | 3494        | 3495        |
| ## | 0.196326233 | 0.196326233 | 0.109366751 | 0.109366751 | 0.115392270 | 0.207477848 |
| ## | 3496        | 3497        | 3500        | 3502        | 3504        | 3514        |
| ## | 0.115392270 | 0.084427459 | 0.199597259 | 0.199597259 | 0.181187462 | 0.191117141 |
| ## | 3533        | 3537        | 3539        | 3561        | 3562        | 3567        |
| ## | 0.143823449 | 0.480465866 | 0.296856607 | 0.143823449 | 0.143823449 | 0.143823449 |
| ## | 3569        | 3570        | 3584        | 3596        | 3601        | 3612        |
| ## | 0.077236475 | 0.143823449 | 0.145668419 | 0.470557885 | 0.143823449 | 0.143823449 |
| ## | 3613        | 3620        | 3625        | 3628        | 3633        | 3634        |
| ## | 0.491960589 | 0.143823449 | 0.077236475 | 0.483123256 | 0.156911606 | 0.126616891 |
| ## | 3639        | 3649        | 3653        | 3655        | 3660        | 3661        |
| ## | 0.259111234 | 0.656719931 | 0.260745171 | 0.184302432 | 0.311985213 | 0.311985213 |
| ## | 3662        | 3663        | 3672        | 3676        | 3706        | 3711        |
| ## | 0.311985213 | 0.311985213 | 0.133822363 | 0.295309859 | 0.292378017 | 0.292378017 |
| ## | 3718        | 3724        | 3728        | 3733        | 3736        | 3737        |
| ## | 0.686137438 | 0.292378017 | 0.292378017 | 0.295470995 | 0.295470995 | 0.170728426 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 3738        | 3741        | 3759        | 3760        | 3769        | 3775        |
| ## | 0.686137438 | 0.292378017 | 0.292378017 | 0.292378017 | 0.295470995 | 0.292378017 |
| ## | 3779        | 3781        | 3784        | 3786        | 3792        | 3796        |
| ## | 0.275842474 | 0.275842474 | 0.203108200 | 0.311985213 | 0.311985213 | 0.150496094 |
| ## | 3799        | 3804        | 3805        | 3808        | 3817        | 3822        |
| ## | 0.295309859 | 0.181474284 | 0.181474284 | 0.292378017 | 0.292378017 | 0.292378017 |
| ## | 3830        | 3847        | 3849        | 3857        | 3860        | 3867        |
| ## | 0.170728426 | 0.292378017 | 0.292378017 | 0.292378017 | 0.292378017 | 0.292378017 |
| ## | 3868        | 3873        | 3885        | 3891        | 3900        | 3901        |
| ## | 0.292378017 | 0.128044587 | 0.292378017 | 0.292378017 | 0.292378017 | 0.295470995 |
| ## | 3904        | 3908        | 3917        | 3918        | 3922        | 3923        |
| ## | 0.292378017 | 0.292378017 | 0.272875384 | 0.121922661 | 0.199033423 | 0.203108200 |
| ## | 3930        | 3934        | 3939        | 3948        | 3949        | 3951        |
| ## | 0.361940042 | 0.361940042 | 0.361940042 | 0.361940042 | 0.365388918 | 0.365388918 |
| ## | 3955        | 3958        | 3961        | 3962        | 3974        | 3979        |
| ## | 0.361940042 | 0.361940042 | 0.361940042 | 0.365388918 | 0.361940042 | 0.361940042 |
| ## | 3980        | 3982        | 3983        | 3984        | 3986        | 3989        |
| ## | 0.757451918 | 0.139168249 | 0.244973208 | 0.139168249 | 0.139168249 | 0.139168249 |
| ## | 3995        | 4021        | 4027        | 4028        | 4032        | 4034        |
| ## | 0.244973208 | 0.247740275 | 0.244973208 | 0.244973208 | 0.244973208 | 0.196844340 |
| ## | 4037        | 4041        | 4044        | 4049        | 4060        | 4063        |
| ## | 0.215065023 | 0.254731074 | 0.649598166 | 0.120122406 | 0.233373062 | 0.213093433 |
| ## | 4069        | 4076        | 4080        | 4084        | 4088        | 4092        |
| ## | 0.269542595 | 0.204662008 | 0.197084500 | 0.148351807 | 0.201220882 | 0.204456951 |
| ## | 4094        | 4098        | 4102        | 4106        | 4111        | 4112        |
| ## | 0.204456951 | 0.247007238 | 0.361940042 | 0.361940042 | 0.361940042 | 0.361940042 |
| ## | 4115        | 4125        | 4126        | 4127        | 4137        | 4138        |
| ## | 0.361940042 | 0.168473213 | 0.361940042 | 0.361940042 | 0.361940042 | 0.361940042 |
| ## | 4139        | 4140        | 4141        | 4144        | 4145        | 4155        |
| ## | 0.365388918 | 0.365388918 | 0.361940042 | 0.361940042 | 0.220360850 | 0.365388918 |
| ## | 4156        | 4159        | 4163        | 4165        | 4168        | 4171        |
| ## | 0.361940042 | 0.365388918 | 0.361940042 | 0.361940042 | 0.139168249 | 0.244973208 |
| ## | 4182        | 4186        | 4192        | 4200        | 4207        | 4228        |
| ## | 0.139168249 | 0.139168249 | 0.244973208 | 0.239995528 | 0.649563546 | 0.152828990 |
| ## | 4234        | 4235        | 4238        | 4243        | 4245        | 4251        |
| ## | 0.152828990 | 0.665909499 | 0.152828990 | 0.265812762 | 0.265812762 | 0.265812762 |
| ## | 4272        | 4273        | 4278        | 4280        | 4281        | 4283        |
| ## | 0.152828990 | 0.265812762 | 0.265812762 | 0.152828990 | 0.265812762 | 0.118132282 |
| ## | 4290        | 4295        | 4303        | 4304        | 4312        | 4323        |
| ## | 0.649563546 | 0.649563546 | 0.196809127 | 0.196809127 | 0.564544654 | 0.180306311 |
| ## | 4331        | 4337        | 4347        | 4349        | 4360        | 4362        |
| ## | 0.177964952 | 0.166409537 | 0.152693482 | 0.206639626 | 0.354987514 | 0.354987514 |
| ## | 4363        | 4367        | 4374        | 4375        | 4378        | 4383        |
| ## | 0.215210634 | 0.215210634 | 0.358407354 | 0.358407354 | 0.751854346 | 0.354987514 |
| ## | 4401        | 4402        | 4403        | 4411        | 4416        | 4420        |
| ## | 0.320730427 | 0.320730427 | 0.320730427 | 0.323986012 | 0.330791983 | 0.236762876 |
| ## | 4424        | 4438        | 4443        | 4444        | 4460        | 4462        |
| ## | 0.238456881 | 0.324309782 | 0.717470673 | 0.717470673 | 0.168145299 | 0.192716328 |
| ## | 4464        | 4465        | 4468        | 4470        | 4471        | 4479        |
| ## | 0.323913449 | 0.192716328 | 0.192716328 | 0.208749909 | 0.318810749 | 0.358407354 |
| ## | 4480        | 4482        | 4488        | 4495        | 4503        | 4507        |
| ## | 0.215210634 | 0.354987514 | 0.354987514 | 0.215210634 | 0.354987514 | 0.753834806 |
| ## | 4519        | 4521        | 4526        | 4530        | 4544        | 4550        |
| ## | 0.190459358 | 0.320730427 | 0.320730427 | 0.334099466 | 0.211222283 | 0.173846387 |

|    |             |             |             |             |             |             |
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| ## | 4556        | 4557        | 4567        | 4571        | 4573        | 4588        |
| ## | 0.146029959 | 0.067101119 | 0.169530043 | 0.041400173 | 0.406611135 | 0.106004793 |
| ## | 4589        | 4593        | 4624        | 4625        | 4628        | 4632        |
| ## | 0.157987565 | 0.090988732 | 0.049623848 | 0.094852465 | 0.071275469 | 0.605461934 |
| ## | 4639        | 4647        | 4648        | 4649        | 4650        | 4660        |
| ## | 0.098227981 | 0.232665088 | 0.232665088 | 0.211021085 | 0.213513100 | 0.274736230 |
| ## | 4662        | 4663        | 4665        | 4675        | 4676        | 4677        |
| ## | 0.274736230 | 0.274736230 | 0.274736230 | 0.131251950 | 0.232665088 | 0.213513100 |
| ## | 4679        | 4680        | 4681        | 4685        | 4688        | 4697        |
| ## | 0.277715826 | 0.274736230 | 0.274736230 | 0.274736230 | 0.274736230 | 0.277715826 |
| ## | 4698        | 4701        | 4707        | 4709        | 4721        | 4722        |
| ## | 0.274736230 | 0.274736230 | 0.274736230 | 0.274736230 | 0.274736230 | 0.274736230 |
| ## | 4730        | 4733        | 4739        | 4742        | 4743        | 4748        |
| ## | 0.225135812 | 0.225135812 | 0.153250148 | 0.274736230 | 0.274736230 | 0.274736230 |
| ## | 4758        | 4763        | 4765        | 4767        | 4769        | 4772        |
| ## | 0.225135812 | 0.222446531 | 0.060435996 | 0.106726504 | 0.277715826 | 0.274736230 |
| ## | 4782        | 4787        | 4791        | 4799        | 4806        | 4808        |
| ## | 0.274736230 | 0.277715826 | 0.277715826 | 0.274736230 | 0.323633385 | 0.340842091 |
| ## | 4820        | 4836        | 4839        | 4844        | 4849        | 4853        |
| ## | 0.400078572 | 0.400078572 | 0.396506844 | 0.190067066 | 0.246632745 | 0.396506844 |
| ## | 4854        | 4859        | 4860        | 4864        | 4865        | 4885        |
| ## | 0.396506844 | 0.246632745 | 0.396506844 | 0.400078572 | 0.246632745 | 0.117224916 |
| ## | 4890        | 4894        | 4898        | 4916        | 4926        | 4932        |
| ## | 0.210425099 | 0.210425099 | 0.212911975 | 0.127969094 | 0.230139911 | 0.555027173 |
| ## | 4938        | 4940        | 4944        | 4949        | 4950        | 4953        |
| ## | 0.217475365 | 0.121633566 | 0.215270196 | 0.077828804 | 0.124864242 | 0.619255259 |
| ## | 4960        | 4967        | 4971        | 4976        | 4983        | 4991        |
| ## | 0.060397628 | 0.204291797 | 0.111927911 | 0.147053730 | 0.219830198 | 0.213543153 |
| ## | 4994        | 4999        | 5003        | 5004        | 5019        | 5031        |
| ## | 0.213543153 | 0.213543153 | 0.211050881 | 0.213543153 | 0.224117240 | 0.210425099 |
| ## | 5033        | 5048        | 5049        | 5052        | 5053        | 5061        |
| ## | 0.210425099 | 0.056207250 | 0.127969094 | 0.230139911 | 0.230139911 | 0.227509973 |
| ## | 5063        | 5066        | 5071        | 5086        | 5089        | 5091        |
| ## | 0.227509973 | 0.230139911 | 0.230139911 | 0.220022345 | 0.217475365 | 0.220022345 |
| ## | 5095        | 5099        | 5104        | 5105        | 5106        | 5110        |
| ## | 0.215270196 | 0.211999057 | 0.235124688 | 0.619255259 | 0.235124688 | 0.159812269 |
| ## | 5111        | 5113        | 5121        | 5125        | 5128        | 5136        |
| ## | 0.161823578 | 0.141973620 | 0.204291797 | 0.201879783 | 0.086696776 | 0.223626228 |
| ## | 5138        | 5142        | 5148        | 5153        | 5154        | 5163        |
| ## | 0.135956637 | 0.445631419 | 0.194116690 | 0.203776736 | 0.593734633 | 0.113306251 |
| ## | 5164        | 5167        | 5184        | 5196        | 5198        | 5207        |
| ## | 0.113306251 | 0.190586439 | 0.203776736 | 0.183018718 | 0.204111245 | 0.106589122 |
| ## | 5209        | 5210        | 5222        | 5224        | 5226        | 5232        |
| ## | 0.193183762 | 0.195517330 | 0.438030903 | 0.125894948 | 0.124263992 | 0.125894948 |
| ## | 5234        | 5237        | 5238        | 5244        | 5249        | 5258        |
| ## | 0.438030903 | 0.438030903 | 0.438030903 | 0.125894948 | 0.099355064 | 0.145983954 |
| ## | 5262        | 5264        | 5268        | 5270        | 5271        | 5272        |
| ## | 0.420782202 | 0.420782202 | 0.197051076 | 0.199419814 | 0.099660329 | 0.181771185 |
| ## | 5281        | 5282        | 5283        | 5291        | 5302        | 5303        |
| ## | 0.091135600 | 0.169618607 | 0.167529778 | 0.163259114 | 0.364961990 | 0.364961990 |
| ## | 5310        | 5312        | 5334        | 5338        | 5341        | 5349        |
| ## | 0.140448542 | 0.202372081 | 0.175437195 | 0.175437195 | 0.175437195 | 0.159199017 |
| ## | 5352        | 5357        | 5358        | 5359        | 5367        | 5368        |
| ## | 0.064563221 | 0.095852388 | 0.095852388 | 0.095852388 | 0.095852388 | 0.175437195 |

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| ## | 5378        | 5381        | 5388        | 5390        | 5395        | 5397        |
| ## | 0.157214210 | 0.109273059 | 0.159570233 | 0.175395018 | 0.182034871 | 0.098488220 |
| ## | 5411        | 5416        | 5417        | 5418        | 5428        | 5430        |
| ## | 0.178108123 | 0.097454886 | 0.178108123 | 0.178108123 | 0.099660329 | 0.181771185 |
| ## | 5440        | 5442        | 5445        | 5447        | 5449        | 5460        |
| ## | 0.099660329 | 0.101221342 | 0.163192793 | 0.353217451 | 0.176336206 | 0.138271027 |
| ## | 5461        | 5462        | 5467        | 5468        | 5469        | 5476        |
| ## | 0.110231701 | 0.183439057 | 0.073840240 | 0.167807293 | 0.169898876 | 0.175061496 |
| ## | 5477        | 5479        | 5482        | 5483        | 5490        | 5491        |
| ## | 0.177224242 | 0.177224242 | 0.140448542 | 0.142257413 | 0.492994968 | 0.085043424 |
| ## | 5495        | 5498        | 5499        | 5500        | 5502        | 5507        |
| ## | 0.085043424 | 0.524302515 | 0.090706564 | 0.053657237 | 0.053657237 | 0.159570233 |
| ## | 5508        | 5515        | 5519        | 5520        | 5523        | 5524        |
| ## | 0.161579082 | 0.175395018 | 0.179826250 | 0.179826250 | 0.100592259 | 0.183314606 |
| ## | 5530        | 5534        | 5537        | 5541        | 5544        | 5549        |
| ## | 0.083695403 | 0.147675866 | 0.154056876 | 0.493071839 | 0.167807293 | 0.169898876 |
| ## | 5552        | 5557        | 5563        | 5571        | 5572        | 5575        |
| ## | 0.172874482 | 0.116275320 | 0.091135600 | 0.091135600 | 0.091135600 | 0.096573811 |
| ## | 5577        | 5580        | 5585        | 5603        | 5605        | 5609        |
| ## | 0.172612751 | 0.169733201 | 0.164365293 | 0.153483336 | 0.081731330 | 0.081731330 |
| ## | 5617        | 5632        | 5642        | 5644        | 5654        | 5664        |
| ## | 0.081731330 | 0.081731330 | 0.081731330 | 0.151556944 | 0.054321045 | 0.485889673 |
| ## | 5666        | 5667        | 5682        | 5683        | 5684        | 5686        |
| ## | 0.236369238 | 0.126775544 | 0.078683749 | 0.111222459 | 0.109757716 | 0.074504151 |
| ## | 5687        | 5692        | 5706        | 5715        | 5720        | 5722        |
| ## | 0.084500201 | 0.141068329 | 0.202684540 | 0.202365750 | 0.583082662 | 0.199826476 |
| ## | 5728        | 5736        | 5740        | 5741        | 5744        | 5753        |
| ## | 0.202684540 | 0.202365750 | 0.110751460 | 0.205355150 | 0.205355150 | 0.199826476 |
| ## | 5759        | 5761        | 5762        | 5768        | 5772        | 5781        |
| ## | 0.271100773 | 0.271100773 | 0.674215264 | 0.156347980 | 0.663055478 | 0.271100773 |
| ## | 5788        | 5791        | 5792        | 5797        | 5810        | 5811        |
| ## | 0.271100773 | 0.156347980 | 0.271100773 | 0.156347980 | 0.156347980 | 0.271100773 |
| ## | 5816        | 5817        | 5820        | 5841        | 5842        | 5844        |
| ## | 0.271100773 | 0.156347980 | 0.274055839 | 0.271100773 | 0.271100773 | 0.271100773 |
| ## | 5848        | 5853        | 5871        | 5875        | 5877        | 5885        |
| ## | 0.156347980 | 0.167714929 | 0.500325215 | 0.145217963 | 0.145217963 | 0.177148434 |
| ## | 5886        | 5889        | 5910        | 5915        | 5917        | 5922        |
| ## | 0.185110915 | 0.470430049 | 0.156347980 | 0.271100773 | 0.156347980 | 0.156347980 |
| ## | 5923        | 5926        | 5936        | 5937        | 5939        | 5940        |
| ## | 0.156347980 | 0.156347980 | 0.156347980 | 0.156347980 | 0.274055839 | 0.156347980 |
| ## | 5942        | 5945        | 5947        | 5956        | 5958        | 5967        |
| ## | 0.156347980 | 0.271100773 | 0.156347980 | 0.271100773 | 0.156347980 | 0.271100773 |
| ## | 5969        | 5975        | 5976        | 5979        | 5980        | 5985        |
| ## | 0.274055839 | 0.271100773 | 0.271100773 | 0.271100773 | 0.156347980 | 0.274055839 |
| ## | 6000        | 6006        | 6009        | 6010        | 6018        | 6019        |
| ## | 0.155805950 | 0.138976895 | 0.141542191 | 0.169676744 | 0.132781050 | 0.131074262 |
| ## | 6021        | 6037        | 6041        | 6042        | 6045        | 6054        |
| ## | 0.189499370 | 0.087047014 | 0.131090241 | 0.132797205 | 0.131090241 | 0.112075109 |
| ## | 6062        | 6066        | 6070        | 6074        | 6082        | 6086        |
| ## | 0.171569994 | 0.201657317 | 0.218905570 | 0.215932367 | 0.599709177 | 0.198814928 |
| ## | 6088        | 6097        | 6102        | 6108        | 6111        | 6112        |
| ## | 0.230372595 | 0.182816353 | 0.234054743 | 0.202461553 | 0.256288996 | 0.253458617 |
| ## | 6115        | 6127        | 6130        | 6135        | 6142        | 6144        |
| ## | 0.253458617 | 0.243923637 | 0.246682722 | 0.234311217 | 0.124864537 | 0.541522018 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 6149        | 6162        | 6164        | 6165        | 6166        | 6169        |
| ## | 0.276367825 | 0.120036602 | 0.276367825 | 0.279358300 | 0.159874574 | 0.159874574 |
| ## | 6186        | 6188        | 6193        | 6198        | 6207        | 6210        |
| ## | 0.159874574 | 0.159874574 | 0.276367825 | 0.276367825 | 0.276367825 | 0.123812081 |
| ## | 6214        | 6217        | 6218        | 6222        | 6240        | 6242        |
| ## | 0.276367825 | 0.159874574 | 0.123812081 | 0.276367825 | 0.159874574 | 0.159874574 |
| ## | 6243        | 6245        | 6249        | 6253        | 6254        | 6257        |
| ## | 0.687655052 | 0.276367825 | 0.276367825 | 0.276367825 | 0.684445042 | 0.276367825 |
| ## | 6259        | 6262        | 6268        | 6269        | 6271        | 6272        |
| ## | 0.436529859 | 0.687655052 | 0.215523383 | 0.215523383 | 0.140298211 | 0.079557640 |
| ## | 6275        | 6276        | 6279        | 6283        | 6284        | 6301        |
| ## | 0.276367825 | 0.276367825 | 0.276367825 | 0.276367825 | 0.276367825 | 0.276367825 |
| ## | 6302        | 6306        | 6310        | 6312        | 6314        | 6319        |
| ## | 0.159874574 | 0.159874574 | 0.276367825 | 0.279358300 | 0.159874574 | 0.276367825 |
| ## | 6324        | 6327        | 6335        | 6338        | 6340        | 6345        |
| ## | 0.276367825 | 0.123812081 | 0.159874574 | 0.276367825 | 0.279358300 | 0.159874574 |
| ## | 6349        | 6354        | 6355        | 6356        | 6359        | 6361        |
| ## | 0.684445042 | 0.169462038 | 0.169462038 | 0.171569994 | 0.169462038 | 0.195262987 |
| ## | 6367        | 6370        | 6372        | 6375        | 6379        | 6382        |
| ## | 0.623330218 | 0.603281547 | 0.571695110 | 0.129789685 | 0.233025642 | 0.226796679 |
| ## | 6392        | 6401        | 6405        | 6410        | 6416        | 6425        |
| ## | 0.236737151 | 0.589894674 | 0.202461553 | 0.642385905 | 0.603150457 | 0.246682722 |
| ## | 6430        | 6448        | 6452        | 6456        | 6464        | 6473        |
| ## | 0.185053412 | 0.531080417 | 0.276367825 | 0.276367825 | 0.685621929 | 0.276367825 |
| ## | 6485        | 6487        | 6493        | 6507        | 6510        | 6512        |
| ## | 0.109725254 | 0.579182402 | 0.200682234 | 0.436803583 | 0.114355957 | 0.587908460 |
| ## | 6520        | 6548        | 6550        | 6552        | 6559        | 6560        |
| ## | 0.590484696 | 0.208253632 | 0.205806940 | 0.182196267 | 0.208253632 | 0.208253632 |
| ## | 6569        | 6573        | 6578        | 6583        | 6584        | 6599        |
| ## | 0.205806940 | 0.570209308 | 0.198302215 | 0.198302215 | 0.558765574 | 0.109725254 |
| ## | 6633        | 6638        | 6643        | 6655        | 6658        | 6663        |
| ## | 0.114355957 | 0.208253632 | 0.205806940 | 0.578250886 | 0.587371780 | 0.578250886 |
| ## | 6665        | 6671        | 6675        | 6676        | 6680        | 6682        |
| ## | 0.590484696 | 0.205806940 | 0.208253632 | 0.208253632 | 0.205806940 | 0.205806940 |
| ## | 6698        | 6700        | 6718        | 6723        | 6725        | 6745        |
| ## | 0.094696204 | 0.535568175 | 0.565745197 | 0.582955552 | 0.205269842 | 0.202849223 |
| ## | 6749        | 6751        | 6753        | 6760        | 6773        | 6783        |
| ## | 0.202849223 | 0.112526297 | 0.565745197 | 0.112526297 | 0.205269842 | 0.086050107 |
| ## | 6785        | 6790        | 6791        | 6792        | 6793        | 6796        |
| ## | 0.153551733 | 0.102465096 | 0.102465096 | 0.058234074 | 0.233158974 | 0.119322133 |
| ## | 6809        | 6813        | 6815        | 6816        | 6828        | 6835        |
| ## | 0.431238430 | 0.157644070 | 0.166341139 | 0.166341139 | 0.157742175 | 0.451766483 |
| ## | 6840        | 6841        | 6842        | 6843        | 6844        | 6848        |
| ## | 0.508774306 | 0.218195384 | 0.090296142 | 0.361855530 | 0.587371780 | 0.208253632 |
| ## | 6850        | 6860        | 6862        | 6869        | 6871        | 6875        |
| ## | 0.205806940 | 0.118446774 | 0.165542345 | 0.288194498 | 0.094696204 | 0.566310037 |
| ## | 6876        | 6877        | 6880        | 6885        | 6892        | 6894        |
| ## | 0.566310037 | 0.566310037 | 0.192376432 | 0.135135398 | 0.573807872 | 0.205269842 |
| ## | 6896        | 6901        | 6904        | 6905        | 6909        | 6910        |
| ## | 0.205269842 | 0.565745197 | 0.112526297 | 0.565745197 | 0.202849223 | 0.205269842 |
| ## | 6913        | 6914        | 6929        | 6931        | 6936        | 6940        |
| ## | 0.112526297 | 0.583493903 | 0.582955552 | 0.112526297 | 0.202849223 | 0.583493903 |
| ## | 6947        | 6949        | 6955        | 6958        | 6960        | 6971        |
| ## | 0.112526297 | 0.573807872 | 0.205269842 | 0.202849223 | 0.202849223 | 0.378401495 |



|    |             |             |             |             |             |             |
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| ## | 6974        | 6976        | 6977        | 6979        | 6982        | 6983        |
| ## | 0.090296142 | 0.188485813 | 0.211580784 | 0.211580784 | 0.209105325 | 0.583135542 |
| ## | 6984        | 6996        | 6998        | 7000        | 7004        | 7009        |
| ## | 0.583135542 | 0.205804089 | 0.200309634 | 0.581191667 | 0.097712312 | 0.198466438 |
| ## | 7011        | 7015        | 7019        | 7022        | 7027        | 7028        |
| ## | 0.109826171 | 0.109826171 | 0.109826171 | 0.412002841 | 0.207256977 | 0.207256977 |
| ## | 7029        | 7030        | 7050        | 7056        | 7058        | 7062        |
| ## | 0.115255172 | 0.115255172 | 0.102587524 | 0.208250756 | 0.200309634 | 0.207786793 |
| ## | 7063        | 7064        | 7066        | 7067        | 7070        | 7077        |
| ## | 0.207786793 | 0.590829550 | 0.196031615 | 0.215858860 | 0.213805565 | 0.183508107 |
| ## | 7079        | 7088        | 7091        | 7098        | 7118        | 7122        |
| ## | 0.216743141 | 0.196031615 | 0.215858860 | 0.203079873 | 0.145158074 | 0.078009499 |
| ## | 7124        | 7125        | 7127        | 7129        | 7135        | 7139        |
| ## | 0.145158074 | 0.078009499 | 0.145158074 | 0.145158074 | 0.078009499 | 0.078009499 |
| ## | 7145        | 7156        | 7160        | 7163        | 7171        | 7185        |
| ## | 0.078009499 | 0.145158074 | 0.078009499 | 0.145158074 | 0.059113769 | 0.157590233 |
| ## | 7193        | 7194        | 7204        | 7207        | 7215        | 7218        |
| ## | 0.085264293 | 0.157590233 | 0.140385707 | 0.128224291 | 0.150816599 | 0.148917789 |
| ## | 7220        | 7221        | 7224        | 7226        | 7234        | 7246        |
| ## | 0.150816599 | 0.150816599 | 0.145158074 | 0.145158074 | 0.473248569 | 0.078009499 |
| ## | 7247        | 7248        | 7250        | 7255        | 7261        | 7262        |
| ## | 0.145158074 | 0.145158074 | 0.078009499 | 0.078009499 | 0.145158074 | 0.078009499 |
| ## | 7274        | 7277        | 7278        | 7283        | 7287        | 7295        |
| ## | 0.110378636 | 0.497367797 | 0.150986278 | 0.161590553 | 0.295091304 | 0.284175311 |
| ## | 7299        | 7301        | 7306        | 7311        | 7315        | 7316        |
| ## | 0.284175311 | 0.662363018 | 0.145692982 | 0.253595897 | 0.650657077 | 0.142945285 |
| ## | 7321        | 7324        | 7328        | 7335        | 7337        | 7340        |
| ## | 0.081398358 | 0.295091304 | 0.674910680 | 0.277028234 | 0.217817898 | 0.635771156 |
| ## | 7343        | 7346        | 7347        | 7350        | 7354        | 7366        |
| ## | 0.271233828 | 0.599970819 | 0.599970819 | 0.573753077 | 0.686679377 | 0.221183203 |
| ## | 7367        | 7371        | 7379        | 7380        | 7381        | 7385        |
| ## | 0.592499701 | 0.292229578 | 0.675547860 | 0.675547860 | 0.259925579 | 0.216505982 |
| ## | 7397        | 7398        | 7402        | 7403        | 7414        | 7416        |
| ## | 0.183152296 | 0.179373613 | 0.314975825 | 0.314975825 | 0.218094052 | 0.593952659 |
| ## | 7419        | 7423        | 7426        | 7442        | 7445        | 7452        |
| ## | 0.205936611 | 0.290638640 | 0.167451310 | 0.295549049 | 0.295549049 | 0.207995265 |
| ## | 7459        | 7464        | 7472        | 7479        | 7481        | 7485        |
| ## | 0.658092356 | 0.320822946 | 0.707464363 | 0.699885606 | 0.650782594 | 0.270140801 |
| ## | 7490        | 7494        | 7497        | 7509        | 7520        | 7524        |
| ## | 0.197138847 | 0.283913163 | 0.509377842 | 0.291223917 | 0.294965024 | 0.275265788 |
| ## | 7528        | 7530        | 7534        | 7538        | 7548        | 7552        |
| ## | 0.695134635 | 0.695567885 | 0.680457414 | 0.293754500 | 0.162597025 | 0.283428981 |
| ## | 7553        | 7555        | 7557        | 7558        | 7563        | 7565        |
| ## | 0.270140801 | 0.267212410 | 0.291181138 | 0.288114702 | 0.278534559 | 0.281539358 |
| ## | 7571        | 7579        | 7580        | 7583        | 7598        | 7601        |
| ## | 0.312426924 | 0.119130369 | 0.165721692 | 0.291525143 | 0.282963061 | 0.182317508 |
| ## | 7612        | 7620        | 7621        | 7624        | 7626        | 7630        |
| ## | 0.279003306 | 0.304218800 | 0.304218800 | 0.217079629 | 0.322682381 | 0.279413279 |
| ## | 7634        | 7636        | 7640        | 7646        | 7649        | 7650        |
| ## | 0.266211937 | 0.701788118 | 0.186354046 | 0.701723555 | 0.303486260 | 0.269423717 |
| ## | 7661        | 7662        | 7673        | 7683        | 7684        | 7688        |
| ## | 0.275592645 | 0.276522814 | 0.220784342 | 0.321442507 | 0.300645262 | 0.715517587 |
| ## | 7689        | 7693        | 7710        | 7716        | 7722        | 7731        |
| ## | 0.698269411 | 0.311146106 | 0.687251937 | 0.303457645 | 0.642616300 | 0.232172618 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 7740        | 7749        | 7750        | 7762        | 7767        | 7772        |
| ## | 0.659731028 | 0.655179311 | 0.273042183 | 0.687689711 | 0.275003016 | 0.296598431 |
| ## | 7777        | 7778        | 7786        | 7788        | 7793        | 7799        |
| ## | 0.281202095 | 0.332704538 | 0.336021542 | 0.336021542 | 0.284813830 | 0.208164074 |
| ## | 7803        | 7804        | 7805        | 7810        | 7812        | 7814        |
| ## | 0.272302569 | 0.216041989 | 0.308460582 | 0.279413279 | 0.303958283 | 0.669368012 |
| ## | 7818        | 7829        | 7832        | 7835        | 7839        | 7843        |
| ## | 0.257636865 | 0.216041989 | 0.217079629 | 0.687033136 | 0.276030927 | 0.223069631 |
| ## | 7846        | 7848        | 7850        | 7857        | 7862        | 7863        |
| ## | 0.265764587 | 0.674520842 | 0.680674863 | 0.310915211 | 0.712100939 | 0.464114011 |
| ## | 7864        | 7867        | 7871        | 7879        | 7881        | 7888        |
| ## | 0.712100939 | 0.270140801 | 0.270140801 | 0.666815884 | 0.192647281 | 0.683422330 |
| ## | 7890        | 7893        | 7904        | 7913        | 7921        | 7931        |
| ## | 0.296598431 | 0.135497433 | 0.718516555 | 0.271233828 | 0.200689127 | 0.667155410 |
| ## | 7935        | 7940        | 7961        | 7962        | 7966        | 7968        |
| ## | 0.207995265 | 0.259925579 | 0.673419742 | 0.655697619 | 0.314975825 | 0.287859341 |
| ## | 7971        | 7987        | 7990        | 7992        | 7997        | 7998        |
| ## | 0.298842073 | 0.695459166 | 0.308460582 | 0.665014014 | 0.705355978 | 0.271805379 |
| ## | 8006        | 8016        | 8021        | 8023        | 8037        | 8053        |
| ## | 0.314975825 | 0.208164074 | 0.205936611 | 0.694292810 | 0.672611669 | 0.690228734 |
| ## | 8066        | 8068        | 8075        | 8086        | 8104        | 8107        |
| ## | 0.262866550 | 0.199021538 | 0.192647281 | 0.159209792 | 0.300873784 | 0.707464363 |
| ## | 8109        | 8113        | 8118        | 8129        | 8130        | 8132        |
| ## | 0.707464363 | 0.158726607 | 0.269053625 | 0.712100939 | 0.712100939 | 0.310915211 |
| ## | 8134        | 8135        | 8147        | 8160        | 8169        | 8180        |
| ## | 0.535804450 | 0.190126988 | 0.324079023 | 0.316168474 | 0.283913163 | 0.258537658 |
| ## | 8189        | 8192        | 8212        | 8219        | 8221        | 8231        |
| ## | 0.288157213 | 0.291223917 | 0.271822010 | 0.599080097 | 0.288076888 | 0.290338635 |
| ## | 8249        | 8250        | 8256        | 8270        | 8281        | 8284        |
| ## | 0.312338394 | 0.713459165 | 0.175587611 | 0.178888071 | 0.720982086 | 0.665014014 |
| ## | 8285        | 8294        | 8296        | 8310        | 8318        | 8319        |
| ## | 0.282423847 | 0.701788118 | 0.318133613 | 0.707982635 | 0.278577961 | 0.273551171 |
| ## | 8329        | 8331        | 8333        | 8334        | 8340        | 8341        |
| ## | 0.315182232 | 0.311974285 | 0.193007561 | 0.188662751 | 0.545297325 | 0.196656370 |
| ## | 8344        | 8345        | 8350        | 8352        | 8356        | 8359        |
| ## | 0.678808032 | 0.678808032 | 0.321442507 | 0.563137760 | 0.311305563 | 0.698269411 |
| ## | 8364        | 8374        | 8386        | 8388        | 8390        | 8396        |
| ## | 0.314509776 | 0.656949172 | 0.286685020 | 0.300745014 | 0.234149529 | 0.234149529 |
| ## | 8398        | 8402        | 8404        | 8405        | 8416        | 8430        |
| ## | 0.231487548 | 0.234149529 | 0.234149529 | 0.231487548 | 0.169030928 | 0.667742361 |
| ## | 8431        | 8438        | 8442        | 8445        | 8450        | 8463        |
| ## | 0.640501434 | 0.169547939 | 0.673969758 | 0.724844654 | 0.710127005 | 0.323640315 |
| ## | 8464        | 8467        | 8481        | 8491        | 8508        | 8515        |
| ## | 0.726962397 | 0.710127005 | 0.710127005 | 0.274435570 | 0.274435570 | 0.804582910 |
| ## | 8520        | 8521        | 8524        | 8526        | 8528        | 8529        |
| ## | 0.808568472 | 0.274435570 | 0.219276527 | 0.435187059 | 0.800650180 | 0.800650180 |
| ## | 8535        | 8537        | 8543        | 8545        | 8552        | 8554        |
| ## | 0.274435570 | 0.274435570 | 0.435187059 | 0.431527353 | 0.435187059 | 0.274435570 |
| ## | 8563        | 8565        | 8570        | 8572        | 8573        | 8574        |
| ## | 0.435187059 | 0.274435570 | 0.806915570 | 0.795348347 | 0.808568472 | 0.435187059 |
| ## | 8576        | 8578        | 8581        | 8593        | 8599        | 8603        |
| ## | 0.274435570 | 0.274435570 | 0.435187059 | 0.435187059 | 0.274435570 | 0.435187059 |
| ## | 8618        | 8622        | 8627        | 8629        | 8634        | 8636        |
| ## | 0.274435570 | 0.274435570 | 0.274435570 | 0.431527353 | 0.274435570 | 0.795348347 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 8639        | 8647        | 8656        | 8657        | 8659        | 8670        |
| ## | 0.435187059 | 0.808568472 | 0.274435570 | 0.274435570 | 0.274435570 | 0.431527353 |
| ## | 8671        | 8674        | 8697        | 8705        | 8710        | 8711        |
| ## | 0.219276527 | 0.795348347 | 0.431527353 | 0.435187059 | 0.435187059 | 0.274435570 |
| ## | 8715        | 8716        | 8719        | 8724        | 8730        | 8737        |
| ## | 0.435187059 | 0.219276527 | 0.435187059 | 0.431527353 | 0.435187059 | 0.431527353 |
| ## | 8744        | 8756        | 8757        | 8774        | 8777        | 8781        |
| ## | 0.274435570 | 0.274435570 | 0.431527353 | 0.173707592 | 0.299839847 | 0.256062023 |
| ## | 8784        | 8785        | 8788        | 8802        | 8811        | 8812        |
| ## | 0.145547751 | 0.176485545 | 0.244093269 | 0.709067321 | 0.194044341 | 0.726787214 |
| ## | 8813        | 8818        | 8824        | 8840        | 8841        | 8845        |
| ## | 0.325780701 | 0.329062716 | 0.325780701 | 0.325780701 | 0.325780701 | 0.325780701 |
| ## | 8851        | 8859        | 8862        | 8863        | 8867        | 8871        |
| ## | 0.329062716 | 0.709067321 | 0.723817848 | 0.325780701 | 0.134775726 | 0.292828857 |
| ## | 8872        | 8875        | 8877        | 8882        | 8888        | 8890        |
| ## | 0.507279344 | 0.174729444 | 0.095428541 | 0.165284888 | 0.288307624 | 0.571948400 |
| ## | 8897        | 8899        | 8900        | 8904        | 8907        | 8910        |
| ## | 0.570779672 | 0.192892383 | 0.208069331 | 0.218523918 | 0.120689043 | 0.215389131 |
| ## | 8921        | 8925        | 8932        | 8942        | 8946        | 8953        |
| ## | 0.125049251 | 0.225491668 | 0.112997145 | 0.151857319 | 0.419437879 | 0.806915570 |
| ## | 8959        | 8965        | 8966        | 8968        | 8969        | 8978        |
| ## | 0.274435570 | 0.795348347 | 0.800650180 | 0.431527353 | 0.274435570 | 0.274435570 |
| ## | 8991        | 9002        | 9003        | 9011        | 9014        | 9017        |
| ## | 0.435187059 | 0.431527353 | 0.435187059 | 0.435187059 | 0.800650180 | 0.213298657 |
| ## | 9018        | 9021        | 9022        | 9028        | 9037        | 9040        |
| ## | 0.795348347 | 0.325780701 | 0.723817848 | 0.329062716 | 0.292828857 | 0.462091520 |
| ## | 9042        | 9048        | 9051        | 9052        | 9070        | 9088        |
| ## | 0.174729444 | 0.095428541 | 0.520144259 | 0.173829149 | 0.274435570 | 0.435187059 |
| ## | 9091        | 9092        | 9096        | 9102        | 9108        | 9111        |
| ## | 0.677690058 | 0.287428693 | 0.287428693 | 0.195223284 | 0.213547122 | 0.218523918 |
| ## | 9122        | 9124        | 9141        | 9145        | 9146        | 9152        |
| ## | 0.209337685 | 0.595665119 | 0.173707592 | 0.144543753 | 0.256062023 | 0.254767414 |
| ## | 9153        | 9158        | 9164        | 9167        | 9171        | 9177        |
| ## | 0.210302722 | 0.244093269 | 0.605168370 | 0.101964703 | 0.222899468 | 0.225491668 |
| ## | 9180        | 9185        | 9206        | 9208        | 9223        | 9232        |
| ## | 0.222899468 | 0.223277317 | 0.194044341 | 0.329062716 | 0.725940506 | 0.712132204 |
| ## | 9239        | 9241        | 9247        | 9252        | 9253        | 9257        |
| ## | 0.329062716 | 0.329062716 | 0.329062716 | 0.712132204 | 0.712132204 | 0.325780701 |
| ## | 9259        | 9260        | 9262        | 9263        | 9265        | 9273        |
| ## | 0.329062716 | 0.329062716 | 0.290134708 | 0.542250712 | 0.204183091 | 0.147774575 |
| ## | 9274        | 9276        | 9277        | 9284        | 9286        | 9304        |
| ## | 0.261024908 | 0.262703093 | 0.167426957 | 0.169547939 | 0.264509964 | 0.710127005 |
| ## | 9307        | 9328        | 9330        | 9331        | 9351        | 9357        |
| ## | 0.710127005 | 0.323640315 | 0.710127005 | 0.710127005 | 0.795348347 | 0.800650180 |
| ## | 9362        | 9379        | 9391        | 9392        | 9393        | 9396        |
| ## | 0.274435570 | 0.435187059 | 0.806915570 | 0.808568472 | 0.806915570 | 0.431527353 |
| ## | 9404        | 9409        | 9424        | 9430        | 9432        | 9443        |
| ## | 0.274435570 | 0.274435570 | 0.435187059 | 0.806915570 | 0.431527353 | 0.431527353 |
| ## | 9444        | 9447        | 9460        | 9461        | 9463        | 9477        |
| ## | 0.795348347 | 0.274435570 | 0.806915570 | 0.435187059 | 0.274435570 | 0.274435570 |
| ## | 9480        | 9494        | 9500        | 9503        | 9509        | 9510        |
| ## | 0.274435570 | 0.431527353 | 0.435187059 | 0.431527353 | 0.219276527 | 0.435187059 |
| ## | 9511        | 9515        | 9525        | 9531        | 9532        | 9541        |
| ## | 0.274435570 | 0.274435570 | 0.112163144 | 0.112163144 | 0.204676409 | 0.202261007 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 9552        | 9554        | 9557        | 9562        | 9563        | 9567        |
| ## | 0.182145155 | 0.100680063 | 0.106284105 | 0.106284105 | 0.193359274 | 0.149481724 |
| ## | 9570        | 9575        | 9577        | 9578        | 9584        | 9586        |
| ## | 0.165799870 | 0.090109149 | 0.147738118 | 0.147738118 | 0.107774247 | 0.195121421 |
| ## | 9590        | 9597        | 9602        | 9607        | 9608        | 9609        |
| ## | 0.112163144 | 0.112163144 | 0.112163144 | 0.112163144 | 0.112163144 | 0.112163144 |
| ## | 9613        | 9621        | 9627        | 9632        | 9633        | 9638        |
| ## | 0.112163144 | 0.112163144 | 0.202261007 | 0.099140063 | 0.071613945 | 0.132808065 |
| ## | 9639        | 9640        | 9648        | 9652        | 9656        | 9661        |
| ## | 0.132808065 | 0.132808065 | 0.132808065 | 0.132808065 | 0.070898651 | 0.439482602 |
| ## | 9665        | 9668        | 9670        | 9674        | 9677        | 9695        |
| ## | 0.132808065 | 0.360378218 | 0.449332754 | 0.126238394 | 0.074922083 | 0.132808065 |
| ## | 9698        | 9703        | 9705        | 9713        | 9720        | 9726        |
| ## | 0.132808065 | 0.457442822 | 0.456893194 | 0.070898651 | 0.070898651 | 0.132808065 |
| ## | 9727        | 9732        | 9735        | 9738        | 9744        | 9746        |
| ## | 0.132808065 | 0.134533934 | 0.439482602 | 0.132808065 | 0.456893194 | 0.132808065 |
| ## | 9747        | 9750        | 9751        | 9753        | 9754        | 9757        |
| ## | 0.132808065 | 0.132808065 | 0.132808065 | 0.070898651 | 0.070898651 | 0.439482602 |
| ## | 9760        | 9761        | 9762        | 9766        | 9776        | 9781        |
| ## | 0.070898651 | 0.132808065 | 0.132808065 | 0.302348284 | 0.143077949 | 0.166771965 |
| ## | 9784        | 9786        | 9788        | 9794        | 9796        | 9803        |
| ## | 0.239152052 | 0.147680783 | 0.156507633 | 0.272290221 | 0.151872830 | 0.292490309 |
| ## | 9806        | 9809        | 9812        | 9814        | 9818        | 9830        |
| ## | 0.295583980 | 0.170805275 | 0.295583980 | 0.295583980 | 0.281021702 | 0.276438281 |
| ## | 9855        | 9864        | 9871        | 9872        | 9877        | 9880        |
| ## | 0.276593162 | 0.276593162 | 0.276593162 | 0.158032754 | 0.158032754 | 0.276593162 |
| ## | 9900        | 9908        | 9912        | 9913        | 9919        | 9920        |
| ## | 0.276593162 | 0.158032754 | 0.158032754 | 0.273621048 | 0.273621048 | 0.276593162 |
| ## | 9927        | 9928        | 9930        | 9931        | 9935        | 9936        |
| ## | 0.273621048 | 0.273621048 | 0.276593162 | 0.273621048 | 0.273621048 | 0.273621048 |
| ## | 9938        | 9947        | 9948        | 9971        | 9987        | 9989        |
| ## | 0.276593162 | 0.158032754 | 0.674670530 | 0.289633392 | 0.156507633 | 0.241759295 |
| ## | 9991        | 10000       | 10001       | 10003       | 10009       | 10013       |
| ## | 0.241759295 | 0.292490309 | 0.292490309 | 0.295583980 | 0.292490309 | 0.295583980 |
| ## | 10016       | 10019       | 10024       | 10027       | 10035       | 10042       |
| ## | 0.281021702 | 0.204377384 | 0.276438281 | 0.276438281 | 0.247608638 | 0.674670530 |
| ## | 10044       | 10045       | 10046       | 10047       | 10053       | 10062       |
| ## | 0.273621048 | 0.276593162 | 0.273621048 | 0.158032754 | 0.122325224 | 0.276593162 |
| ## | 10066       | 10082       | 10083       | 10084       | 10107       | 10110       |
| ## | 0.273621048 | 0.158032754 | 0.273621048 | 0.273621048 | 0.273621048 | 0.276593162 |
| ## | 10120       | 10135       | 10144       | 10146       | 10153       | 10154       |
| ## | 0.276593162 | 0.273621048 | 0.276593162 | 0.273621048 | 0.078645166 | 0.079731891 |
| ## | 10160       | 10163       | 10165       | 10167       | 10184       | 10185       |
| ## | 0.092412386 | 0.094446650 | 0.173087733 | 0.175231274 | 0.101648040 | 0.187318188 |
| ## | 10194       | 10197       | 10221       | 10238       | 10242       | 10249       |
| ## | 0.077507845 | 0.123494293 | 0.248162362 | 0.248162362 | 0.250953478 | 0.139843331 |
| ## | 10251       | 10253       | 10255       | 10264       | 10266       | 10277       |
| ## | 0.248789810 | 0.246014854 | 0.139843331 | 0.625535823 | 0.246014854 | 0.145816872 |
| ## | 10281       | 10288       | 10302       | 10308       | 10322       | 10325       |
| ## | 0.151708516 | 0.080763356 | 0.078256963 | 0.286164574 | 0.110541423 | 0.060917882 |
| ## | 10326       | 10328       | 10329       | 10338       | 10340       | 10343       |
| ## | 0.524459823 | 0.542531477 | 0.542531477 | 0.077923167 | 0.152727884 | 0.097273563 |
| ## | 10347       | 10348       | 10355       | 10357       | 10368       | 10372       |
| ## | 0.177806301 | 0.177806301 | 0.062565527 | 0.101200889 | 0.115075676 | 0.114131275 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 10375       | 10381       | 10383       | 10386       | 10392       | 10395       |
| ## | 0.472083062 | 0.147945005 | 0.079627313 | 0.052378114 | 0.096593006 | 0.153818350 |
| ## | 10397       | 10400       | 10404       | 10406       | 10414       | 10417       |
| ## | 0.507638588 | 0.416184011 | 0.156404391 | 0.156404391 | 0.084568057 | 0.156404391 |
| ## | 10420       | 10433       | 10439       | 10446       | 10451       | 10455       |
| ## | 0.156404391 | 0.163648196 | 0.496714842 | 0.088835150 | 0.163648196 | 0.496714842 |
| ## | 10458       | 10459       | 10462       | 10463       | 10469       | 10477       |
| ## | 0.163648196 | 0.165698261 | 0.496714842 | 0.165698261 | 0.088835150 | 0.154637963 |
| ## | 10487       | 10491       | 10494       | 10501       | 10511       | 10516       |
| ## | 0.089047727 | 0.089047727 | 0.089047727 | 0.154996152 | 0.628235856 | 0.250953478 |
| ## | 10523       | 10526       | 10528       | 10534       | 10543       | 10546       |
| ## | 0.248162362 | 0.248162362 | 0.141237656 | 0.248162362 | 0.141237656 | 0.250953478 |
| ## | 10553       | 10554       | 10560       | 10563       | 10569       | 10572       |
| ## | 0.246014854 | 0.246014854 | 0.169432356 | 0.169432356 | 0.528829911 | 0.091828229 |
| ## | 10574       | 10594       | 10602       | 10610       | 10615       | 10627       |
| ## | 0.478452169 | 0.107022538 | 0.542531477 | 0.134821882 | 0.145009118 | 0.486969169 |
| ## | 10646       | 10647       | 10648       | 10650       | 10657       | 10658       |
| ## | 0.483246576 | 0.156404391 | 0.483246576 | 0.483246576 | 0.163648196 | 0.154637963 |
| ## | 10666       | 10681       | 10683       | 10685       | 10686       | 10689       |
| ## | 0.497370670 | 0.497370670 | 0.164007571 | 0.124566376 | 0.421458879 | 0.047611009 |
| ## | 10693       | 10697       | 10701       | 10707       | 10718       | 10720       |
| ## | 0.530404724 | 0.205405562 | 0.202983752 | 0.172599510 | 0.537991212 | 0.194969969 |
| ## | 10725       | 10727       | 10728       | 10731       | 10733       | 10735       |
| ## | 0.563568548 | 0.137077435 | 0.135324038 | 0.135324038 | 0.135324038 | 0.135324038 |
| ## | 10745       | 10751       | 10756       | 10761       | 10766       | 10767       |
| ## | 0.160315824 | 0.177658584 | 0.168058663 | 0.091449806 | 0.168058663 | 0.126543680 |
| ## | 10768       | 10773       | 10775       | 10779       | 10780       | 10783       |
| ## | 0.126543680 | 0.564508177 | 0.549224681 | 0.182778752 | 0.091449806 | 0.091449806 |
| ## | 10787       | 10792       | 10802       | 10811       | 10813       | 10819       |
| ## | 0.539352297 | 0.126543680 | 0.520452710 | 0.337434356 | 0.334110424 | 0.200004959 |
| ## | 10821       | 10825       | 10826       | 10835       | 10837       | 10844       |
| ## | 0.334110424 | 0.337434356 | 0.337434356 | 0.334110424 | 0.337434356 | 0.337434356 |
| ## | 10845       | 10847       | 10852       | 10856       | 10861       | 10863       |
| ## | 0.200004959 | 0.200004959 | 0.334110424 | 0.337434356 | 0.208847917 | 0.182290230 |
| ## | 10877       | 10883       | 10895       | 10896       | 10897       | 10898       |
| ## | 0.300928078 | 0.300928078 | 0.176936261 | 0.301401478 | 0.643761035 | 0.145434110 |
| ## | 10903       | 10912       | 10917       | 10922       | 10923       | 10931       |
| ## | 0.221333021 | 0.306412690 | 0.280018262 | 0.280018262 | 0.283167914 | 0.261685888 |
| ## | 10933       | 10948       | 10955       | 10956       | 10959       | 10963       |
| ## | 0.258816649 | 0.179003741 | 0.134586763 | 0.706659108 | 0.152046509 | 0.307550262 |
| ## | 10965       | 10969       | 10970       | 10979       | 10980       | 10984       |
| ## | 0.307550262 | 0.179003741 | 0.179003741 | 0.179003741 | 0.179003741 | 0.272319672 |
| ## | 10992       | 10997       | 11002       | 11007       | 11017       | 11019       |
| ## | 0.694824353 | 0.168844448 | 0.308317713 | 0.214628792 | 0.723407880 | 0.334110424 |
| ## | 11020       | 11043       | 11046       | 11052       | 11057       | 11068       |
| ## | 0.337434356 | 0.337434356 | 0.337434356 | 0.337434356 | 0.731286158 | 0.337434356 |
| ## | 11069       | 11072       | 11079       | 11086       | 11097       | 11103       |
| ## | 0.334110424 | 0.285475605 | 0.319688873 | 0.300928078 | 0.304072638 | 0.303254475 |
| ## | 11106       | 11120       | 11138       | 11149       | 11152       | 11169       |
| ## | 0.271599382 | 0.161822814 | 0.310652522 | 0.301401478 | 0.257432590 | 0.304002529 |
| ## | 11173       | 11174       | 11182       | 11183       | 11186       | 11192       |
| ## | 0.589084712 | 0.295959884 | 0.710480293 | 0.695317276 | 0.062835859 | 0.092746375 |
| ## | 11199       | 11200       | 11212       | 11215       | 11222       | 11226       |
| ## | 0.092746375 | 0.092746375 | 0.166389250 | 0.166389250 | 0.095644110 | 0.157078968 |

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| ## | 11227       | 11240       | 11242       | 11249       | 11250       | 11258       |
| ## | 0.155115716 | 0.080126868 | 0.080126868 | 0.146072439 | 0.146072439 | 0.189675387 |
| ## | 11265       | 11269       | 11271       | 11272       | 11273       | 11275       |
| ## | 0.079703243 | 0.191976660 | 0.189675387 | 0.189675387 | 0.191976660 | 0.191976660 |
| ## | 11278       | 11284       | 11294       | 11299       | 11300       | 11308       |
| ## | 0.057055302 | 0.137097835 | 0.224735894 | 0.222149890 | 0.222149890 | 0.227286095 |
| ## | 11311       | 11313       | 11314       | 11317       | 11319       | 11328       |
| ## | 0.229914216 | 0.208456597 | 0.584591903 | 0.333373320 | 0.333373320 | 0.208771824 |
| ## | 11332       | 11340       | 11343       | 11344       | 11345       | 11346       |
| ## | 0.229914216 | 0.584591903 | 0.330069462 | 0.330069462 | 0.333373320 | 0.330069462 |
| ## | 11348       | 11351       | 11354       | 11360       | 11361       | 11373       |
| ## | 0.330069462 | 0.330069462 | 0.197105854 | 0.197105854 | 0.330069462 | 0.333373320 |
| ## | 11374       | 11376       | 11381       | 11382       | 11392       | 11393       |
| ## | 0.197105854 | 0.330069462 | 0.730634251 | 0.330069462 | 0.330069462 | 0.330069462 |
| ## | 11399       | 11403       | 11417       | 11422       | 11428       | 11442       |
| ## | 0.123145878 | 0.580173005 | 0.142653612 | 0.197105854 | 0.330069462 | 0.330069462 |
| ## | 11443       | 11444       | 11445       | 11447       | 11448       | 11457       |
| ## | 0.333373320 | 0.197105854 | 0.149012382 | 0.330069462 | 0.197105854 | 0.330069462 |
| ## | 11464       | 11470       | 11473       | 11482       | 11488       | 11496       |
| ## | 0.330069462 | 0.197105854 | 0.333373320 | 0.219881009 | 0.203052136 | 0.583798724 |
| ## | 11509       | 11513       | 11514       | 11519       | 11529       | 11531       |
| ## | 0.328373431 | 0.392810477 | 0.389261533 | 0.392810477 | 0.304589457 | 0.706399609 |
| ## | 11537       | 11538       | 11539       | 11544       | 11547       | 11554       |
| ## | 0.709059348 | 0.304589457 | 0.304589457 | 0.640572128 | 0.745439664 | 0.389261533 |
| ## | 11555       | 11556       | 11572       | 11576       | 11594       | 11596       |
| ## | 0.389261533 | 0.389261533 | 0.328373431 | 0.389261533 | 0.241032268 | 0.389261533 |
| ## | 11597       | 11603       | 11612       | 11615       | 11623       | 11631       |
| ## | 0.389261533 | 0.241032268 | 0.241032268 | 0.389261533 | 0.389261533 | 0.389261533 |
| ## | 11637       | 11649       | 11655       | 11661       | 11673       | 11682       |
| ## | 0.389261533 | 0.389261533 | 0.241032268 | 0.241032268 | 0.241032268 | 0.389261533 |
| ## | 11684       | 11686       | 11692       | 11694       | 11706       | 11723       |
| ## | 0.392810477 | 0.185434905 | 0.389261533 | 0.389261533 | 0.389261533 | 0.177115613 |
| ## | 11727       | 11733       | 11741       | 11750       | 11752       | 11760       |
| ## | 0.367781068 | 0.389261533 | 0.389261533 | 0.389261533 | 0.241032268 | 0.389261533 |
| ## | 11766       | 11768       | 11770       | 11776       | 11780       | 11786       |
| ## | 0.190821286 | 0.389261533 | 0.389261533 | 0.241032268 | 0.392810477 | 0.392810477 |
| ## | 11787       | 11791       | 11803       | 11816       | 11822       | 11823       |
| ## | 0.392810477 | 0.389261533 | 0.389261533 | 0.241032268 | 0.778215346 | 0.389261533 |
| ## | 11824       | 11834       | 11838       | 11841       | 11847       | 11852       |
| ## | 0.241032268 | 0.392810477 | 0.392810477 | 0.392810477 | 0.389261533 | 0.367781068 |
| ## | 11863       | 11864       | 11868       | 11871       | 11872       | 11880       |
| ## | 0.762052588 | 0.371253217 | 0.205422626 | 0.207865945 | 0.205422626 | 0.207865945 |
| ## | 11891       | 11896       | 11899       | 11912       | 11915       | 11926       |
| ## | 0.224802194 | 0.124617480 | 0.222215647 | 0.212350361 | 0.214853799 | 0.229705854 |
| ## | 11930       | 11931       | 11934       | 11937       | 11939       | 11942       |
| ## | 0.229705854 | 0.229705854 | 0.199398310 | 0.199398310 | 0.199398310 | 0.208486126 |
| ## | 11944       | 11946       | 11950       | 11953       | 11954       | 11961       |
| ## | 0.199286114 | 0.225233821 | 0.048437754 | 0.446460588 | 0.589915618 | 0.205422626 |
| ## | 11962       | 11965       | 11972       | 11989       | 11993       | 11997       |
| ## | 0.207865945 | 0.205422626 | 0.205422626 | 0.222215647 | 0.124617480 | 0.222215647 |
| ## | 12004       | 12024       | 12034       | 12039       | 12044       | 12050       |
| ## | 0.214853799 | 0.187496194 | 0.225233821 | 0.374548173 | 0.120151726 | 0.136418748 |
| ## | 12052       | 12054       | 12057       | 12058       | 12060       | 12070       |
| ## | 0.141839261 | 0.165064342 | 0.571362233 | 0.161906588 | 0.202988095 | 0.594725742 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 12073       | 12078       | 12082       | 12083       | 12084       | 12090       |
| ## | 0.178950284 | 0.109885855 | 0.198563546 | 0.180716589 | 0.180716589 | 0.194927822 |
| ## | 12099       | 12102       | 12106       | 12110       | 12113       | 12114       |
| ## | 0.545587639 | 0.181242543 | 0.108502583 | 0.196515468 | 0.552957531 | 0.565234138 |
| ## | 12121       | 12129       | 12130       | 12139       | 12142       | 12151       |
| ## | 0.545587639 | 0.565234138 | 0.552957531 | 0.493968211 | 0.573141514 | 0.188919430 |
| ## | 12155       | 12159       | 12160       | 12167       | 12173       | 12177       |
| ## | 0.612210736 | 0.545587639 | 0.103730858 | 0.103730858 | 0.099457770 | 0.430568176 |
| ## | 12179       | 12181       | 12188       | 12189       | 12195       | 12198       |
| ## | 0.102409607 | 0.102409607 | 0.147264076 | 0.158530273 | 0.430568176 | 0.102409607 |
| ## | 12199       | 12202       | 12206       | 12208       | 12209       | 12210       |
| ## | 0.053038115 | 0.084688192 | 0.107776179 | 0.163336110 | 0.166241556 | 0.090371042 |
| ## | 12211       | 12212       | 12217       | 12226       | 12232       | 12237       |
| ## | 0.166200018 | 0.079886324 | 0.176801187 | 0.088568849 | 0.172838283 | 0.109240628 |
| ## | 12240       | 12242       | 12244       | 12254       | 12258       | 12261       |
| ## | 0.197513163 | 0.149667301 | 0.116924782 | 0.177672834 | 0.093251985 | 0.093251985 |
| ## | 12265       | 12270       | 12272       | 12273       | 12275       | 12276       |
| ## | 0.171086266 | 0.171086266 | 0.153231234 | 0.082709435 | 0.155175015 | 0.082709435 |
| ## | 12280       | 12281       | 12283       | 12292       | 12293       | 12295       |
| ## | 0.153231234 | 0.153231234 | 0.153231234 | 0.162710580 | 0.099413939 | 0.171044918 |
| ## | 12296       | 12298       | 12299       | 12307       | 12308       | 12309       |
| ## | 0.148247866 | 0.177555550 | 0.175389624 | 0.175389624 | 0.095823888 | 0.177555550 |
| ## | 12311       | 12316       | 12319       | 12339       | 12343       | 12346       |
| ## | 0.175389624 | 0.173704908 | 0.485824187 | 0.150980725 | 0.074439496 | 0.134691272 |
| ## | 12349       | 12354       | 12360       | 12364       | 12365       | 12367       |
| ## | 0.056499579 | 0.181132813 | 0.150139641 | 0.148735788 | 0.080439383 | 0.165657705 |
| ## | 12368       | 12370       | 12371       | 12373       | 12379       | 12380       |
| ## | 0.165657705 | 0.165657705 | 0.163608043 | 0.163608043 | 0.158434661 | 0.176625700 |
| ## | 12381       | 12389       | 12400       | 12409       | 12416       | 12418       |
| ## | 0.176625700 | 0.171044918 | 0.175389624 | 0.173704908 | 0.174854726 | 0.174854726 |
| ## | 12420       | 12422       | 12435       | 12446       | 12450       | 12453       |
| ## | 0.534745448 | 0.172714827 | 0.159108035 | 0.147692177 | 0.147692177 | 0.147692177 |
| ## | 12456       | 12458       | 12465       | 12466       | 12467       | 12469       |
| ## | 0.079480345 | 0.147692177 | 0.147692177 | 0.147692177 | 0.147692177 | 0.147692177 |
| ## | 12476       | 12485       | 12487       | 12493       | 12496       | 12505       |
| ## | 0.079480345 | 0.147692177 | 0.478305558 | 0.147692177 | 0.149578105 | 0.147692177 |
| ## | 12508       | 12511       | 12518       | 12535       | 12536       | 12543       |
| ## | 0.079480345 | 0.079480345 | 0.060197605 | 0.055667277 | 0.073137047 | 0.039644406 |
| ## | 12545       | 12546       | 12550       | 12555       | 12557       | 12568       |
| ## | 0.132986949 | 0.071000974 | 0.056981938 | 0.030993932 | 0.195465607 | 0.183348299 |
| ## | 12576       | 12579       | 12585       | 12591       | 12601       | 12607       |
| ## | 0.348570236 | 0.035889662 | 0.195155391 | 0.081565939 | 0.118380732 | 0.198064728 |
| ## | 12610       | 12612       | 12624       | 12625       | 12627       | 12643       |
| ## | 0.506894410 | 0.114633035 | 0.195013735 | 0.126008555 | 0.152382982 | 0.265140224 |
| ## | 12652       | 12654       | 12655       | 12661       | 12668       | 12672       |
| ## | 0.268054212 | 0.265140224 | 0.268054212 | 0.152382982 | 0.268054212 | 0.152382982 |
| ## | 12674       | 12679       | 12681       | 12684       | 12687       | 12688       |
| ## | 0.265140224 | 0.265140224 | 0.117773455 | 0.152382982 | 0.265140224 | 0.265140224 |
| ## | 12691       | 12695       | 12696       | 12707       | 12712       | 12720       |
| ## | 0.265140224 | 0.152382982 | 0.268054212 | 0.665141761 | 0.152382982 | 0.152382982 |
| ## | 12728       | 12731       | 12734       | 12739       | 12741       | 12742       |
| ## | 0.347341929 | 0.141487886 | 0.546874045 | 0.075336167 | 0.102059491 | 0.102059491 |
| ## | 12744       | 12745       | 12750       | 12754       | 12771       | 12776       |
| ## | 0.185739245 | 0.102059491 | 0.077830047 | 0.102059491 | 0.116241806 | 0.039306866 |

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| ## | 12782       | 12784       | 12787       | 12794       | 12802       | 12804       |
| ## | 0.163517537 | 0.139687207 | 0.152004408 | 0.137741555 | 0.097695602 | 0.145521331 |
| ## | 12807       | 12812       | 12817       | 12820       | 12823       | 12842       |
| ## | 0.474854031 | 0.147384333 | 0.163392517 | 0.163392517 | 0.088683963 | 0.166184162 |
| ## | 12848       | 12863       | 12870       | 12872       | 12874       | 12876       |
| ## | 0.145221786 | 0.061696986 | 0.085002523 | 0.159128654 | 0.095335686 | 0.132374482 |
| ## | 12879       | 12895       | 12900       | 12906       | 12910       | 12917       |
| ## | 0.477381561 | 0.170644354 | 0.097616986 | 0.178382024 | 0.176208176 | 0.145917858 |
| ## | 12919       | 12925       | 12932       | 12936       | 12950       | 12955       |
| ## | 0.056003283 | 0.150832638 | 0.056292038 | 0.373464706 | 0.091107926 | 0.072793031 |
| ## | 12965       | 12972       | 12976       | 12983       | 12985       | 12988       |
| ## | 0.283662345 | 0.290393231 | 0.137876300 | 0.087102608 | 0.160713938 | 0.162734397 |
| ## | 12994       | 12998       | 13000       | 13004       | 13007       | 13019       |
| ## | 0.180001566 | 0.063229986 | 0.099017278 | 0.091517005 | 0.168171737 | 0.367091265 |
| ## | 13026       | 13042       | 13044       | 13050       | 13056       | 13060       |
| ## | 0.118500759 | 0.152382982 | 0.268054212 | 0.152382982 | 0.265140224 | 0.268054212 |
| ## | 13065       | 13079       | 13083       | 13085       | 13086       | 13088       |
| ## | 0.152382982 | 0.152382982 | 0.117773455 | 0.152382982 | 0.265140224 | 0.152382982 |
| ## | 13089       | 13101       | 13103       | 13107       | 13110       | 13112       |
| ## | 0.268054212 | 0.152382982 | 0.265140224 | 0.268054212 | 0.265140224 | 0.152382982 |
| ## | 13116       | 13117       | 13121       | 13124       | 13126       | 13130       |
| ## | 0.648778057 | 0.665141761 | 0.152382982 | 0.268054212 | 0.268054212 | 0.265140224 |
| ## | 13131       | 13134       | 13136       | 13141       | 13146       | 13160       |
| ## | 0.265140224 | 0.268054212 | 0.268054212 | 0.661814167 | 0.152382982 | 0.185739245 |
| ## | 13161       | 13163       | 13171       | 13172       | 13174       | 13176       |
| ## | 0.185739245 | 0.185739245 | 0.078653174 | 0.078653174 | 0.078653174 | 0.399071335 |
| ## | 13177       | 13208       | 13218       | 13227       | 13231       | 13235       |
| ## | 0.121258291 | 0.163392517 | 0.119181555 | 0.503264866 | 0.166184162 | 0.162874027 |
| ## | 13236       | 13238       | 13242       | 13244       | 13249       | 13250       |
| ## | 0.160084920 | 0.145221786 | 0.081464251 | 0.081464251 | 0.167335447 | 0.536411733 |
| ## | 13256       | 13259       | 13261       | 13273       | 13274       | 13277       |
| ## | 0.079675353 | 0.159128654 | 0.085002523 | 0.477381561 | 0.149107645 | 0.111381853 |
| ## | 13288       | 13291       | 13292       | 13293       | 13294       | 13296       |
| ## | 0.117625866 | 0.098197358 | 0.051464476 | 0.070742945 | 0.172763957 | 0.117536541 |
| ## | 13302       | 13305       | 13308       | 13315       | 13318       | 13322       |
| ## | 0.178377863 | 0.128203581 | 0.100423056 | 0.072793031 | 0.137876300 | 0.072793031 |
| ## | 13332       | 13335       | 13336       | 13339       | 13346       | 13347       |
| ## | 0.072793031 | 0.137876300 | 0.072793031 | 0.290393231 | 0.137876300 | 0.137876300 |
| ## | 13350       | 13356       | 13358       | 13366       | 13372       | 13373       |
| ## | 0.072793031 | 0.162734397 | 0.162734397 | 0.073189050 | 0.084666115 | 0.084666115 |
| ## | 13383       | 13384       | 13388       | 13391       | 13394       | 13409       |
| ## | 0.101579924 | 0.102948153 | 0.102948153 | 0.187134395 | 0.184877886 | 0.126338757 |
| ## | 13413       | 13415       | 13429       | 13435       | 13437       | 13444       |
| ## | 0.126338757 | 0.084666115 | 0.123414457 | 0.155272583 | 0.158544572 | 0.126338757 |
| ## | 13445       | 13459       | 13460       | 13462       | 13463       | 13466       |
| ## | 0.126338757 | 0.163823898 | 0.087738818 | 0.087738818 | 0.109547906 | 0.406365726 |
| ## | 13469       | 13472       | 13475       | 13477       | 13487       | 13491       |
| ## | 0.109547906 | 0.109547906 | 0.109547906 | 0.111010198 | 0.237533221 | 0.237533221 |
| ## | 13505       | 13506       | 13516       | 13517       | 13518       | 13530       |
| ## | 0.121979693 | 0.219071488 | 0.145506888 | 0.145506888 | 0.228653196 | 0.151060879 |
| ## | 13531       | 13537       | 13549       | 13552       | 13554       | 13560       |
| ## | 0.230635770 | 0.615923860 | 0.158010702 | 0.507086845 | 0.273284266 | 0.273284266 |
| ## | 13575       | 13590       | 13591       | 13592       | 13594       | 13595       |
| ## | 0.155836661 | 0.270334421 | 0.273284266 | 0.270334421 | 0.155836661 | 0.270334421 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 13597       | 13599       | 13603       | 13611       | 13612       | 13621       |
| ## | 0.155836661 | 0.270334421 | 0.273284266 | 0.273284266 | 0.273284266 | 0.270334421 |
| ## | 13625       | 13628       | 13631       | 13643       | 13645       | 13646       |
| ## | 0.270334421 | 0.155836661 | 0.270334421 | 0.270334421 | 0.273284266 | 0.270334421 |
| ## | 13647       | 13657       | 13658       | 13661       | 13663       | 13664       |
| ## | 0.270334421 | 0.155836661 | 0.273284266 | 0.270334421 | 0.273284266 | 0.155836661 |
| ## | 13665       | 13669       | 13672       | 13673       | 13679       | 13685       |
| ## | 0.273284266 | 0.671016749 | 0.210432010 | 0.231292393 | 0.230635770 | 0.199974721 |
| ## | 13689       | 13691       | 13697       | 13704       | 13705       | 13707       |
| ## | 0.595857371 | 0.593291654 | 0.206871310 | 0.158010702 | 0.507086845 | 0.158010702 |
| ## | 13712       | 13714       | 13717       | 13719       | 13729       | 13745       |
| ## | 0.270334421 | 0.273284266 | 0.273284266 | 0.273284266 | 0.155836661 | 0.270334421 |
| ## | 13749       | 13754       | 13768       | 13772       | 13776       | 13778       |
| ## | 0.270334421 | 0.273284266 | 0.155836661 | 0.270334421 | 0.270334421 | 0.270334421 |
| ## | 13779       | 13793       | 13801       | 13810       | 13815       | 13816       |
| ## | 0.273284266 | 0.270334421 | 0.155836661 | 0.155836661 | 0.155836661 | 0.155836661 |
| ## | 13822       | 13829       | 13836       | 13841       | 13847       | 13851       |
| ## | 0.673362088 | 0.193517307 | 0.564950885 | 0.195853926 | 0.106792945 | 0.106792945 |
| ## | 13857       | 13860       | 13862       | 13870       | 13871       | 13881       |
| ## | 0.559079113 | 0.579990646 | 0.203289491 | 0.200886322 | 0.200886322 | 0.203289491 |
| ## | 13895       | 13897       | 13901       | 13903       | 13910       | 13913       |
| ## | 0.203289491 | 0.200886322 | 0.579990646 | 0.583119725 | 0.579990646 | 0.579990646 |
| ## | 13921       | 13926       | 13929       | 13937       | 13943       | 13948       |
| ## | 0.579990646 | 0.111315370 | 0.200886322 | 0.115311579 | 0.123689725 | 0.516423910 |
| ## | 13950       | 13953       | 13956       | 13957       | 13960       | 13961       |
| ## | 0.513765417 | 0.160698663 | 0.161388782 | 0.418527504 | 0.099471780 | 0.181458599 |
| ## | 13965       | 13966       | 13967       | 13972       | 13976       | 13982       |
| ## | 0.171297712 | 0.152330133 | 0.059094063 | 0.185439250 | 0.185439250 | 0.197981693 |
| ## | 13994       | 13996       | 13998       | 14022       | 14025       | 14027       |
| ## | 0.197981693 | 0.200358826 | 0.575552506 | 0.566363233 | 0.109528342 | 0.162171429 |
| ## | 14033       | 14035       | 14042       | 14044       | 14045       | 14047       |
| ## | 0.449989179 | 0.067029999 | 0.087831833 | 0.087831833 | 0.087831833 | 0.046946419 |
| ## | 14048       | 14052       | 14053       | 14067       | 14070       | 14076       |
| ## | 0.193517307 | 0.429345791 | 0.177713837 | 0.576355826 | 0.111315370 | 0.200886322 |
| ## | 14078       | 14080       | 14082       | 14087       | 14090       | 14093       |
| ## | 0.203289491 | 0.200886322 | 0.203289491 | 0.203289491 | 0.203289491 | 0.200886322 |
| ## | 14095       | 14102       | 14106       | 14108       | 14116       | 14123       |
| ## | 0.203289491 | 0.203289491 | 0.203289491 | 0.203289491 | 0.579990646 | 0.181458599 |
| ## | 14131       | 14134       | 14138       | 14139       | 14149       | 14152       |
| ## | 0.556209423 | 0.538218191 | 0.185439250 | 0.101877740 | 0.457524063 | 0.197981693 |
| ## | 14153       | 14157       | 14160       | 14162       | 14165       | 14178       |
| ## | 0.109528342 | 0.109528342 | 0.200358826 | 0.566363233 | 0.575552506 | 0.197981693 |
| ## | 14180       | 14190       | 14204       | 14213       | 14219       | 14221       |
| ## | 0.081025837 | 0.197981693 | 0.087962494 | 0.137900483 | 0.067029999 | 0.195853926 |
| ## | 14224       | 14229       | 14237       | 14238       | 14240       | 14241       |
| ## | 0.106792945 | 0.106792945 | 0.204126116 | 0.594253609 | 0.584869617 | 0.204126116 |
| ## | 14242       | 14248       | 14258       | 14261       | 14269       | 14283       |
| ## | 0.086671713 | 0.100936126 | 0.206558024 | 0.204126116 | 0.206190330 | 0.483977270 |
| ## | 14284       | 14285       | 14293       | 14302       | 14305       | 14310       |
| ## | 0.147705937 | 0.208288029 | 0.126289549 | 0.204726364 | 0.112193705 | 0.135920981 |
| ## | 14311       | 14334       | 14335       | 14353       | 14356       | 14359       |
| ## | 0.169320155 | 0.208293283 | 0.208293283 | 0.206753030 | 0.601032125 | 0.208743973 |
| ## | 14363       | 14369       | 14378       | 14381       | 14385       | 14396       |
| ## | 0.139227086 | 0.469968543 | 0.132202989 | 0.179981995 | 0.137193151 | 0.138322989 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 14410       | 14416       | 14418       | 14425       | 14430       | 14434       |
| ## | 0.116434306 | 0.184224661 | 0.203865462 | 0.208640383 | 0.115544422 | 0.111920669 |
| ## | 14439       | 14452       | 14454       | 14458       | 14459       | 14460       |
| ## | 0.102830875 | 0.205841037 | 0.114377085 | 0.112193705 | 0.112193705 | 0.204726364 |
| ## | 14462       | 14473       | 14479       | 14481       | 14482       | 14485       |
| ## | 0.572992148 | 0.182598505 | 0.112514999 | 0.205251385 | 0.112514999 | 0.202830929 |
| ## | 14490       | 14492       | 14497       | 14517       | 14524       | 14537       |
| ## | 0.195683156 | 0.191288422 | 0.187287561 | 0.141429281 | 0.075852551 | 0.141429281 |
| ## | 14540       | 14541       | 14542       | 14548       | 14550       | 14558       |
| ## | 0.057446731 | 0.143248678 | 0.075852551 | 0.143248678 | 0.141429281 | 0.153599467 |
| ## | 14563       | 14566       | 14567       | 14575       | 14577       | 14578       |
| ## | 0.082924792 | 0.153599467 | 0.062919713 | 0.082924792 | 0.153599467 | 0.153599467 |
| ## | 14581       | 14582       | 14586       | 14591       | 14605       | 14607       |
| ## | 0.082924792 | 0.153599467 | 0.101086781 | 0.099740540 | 0.075852551 | 0.141429281 |
| ## | 14608       | 14614       | 14618       | 14625       | 14626       | 14633       |
| ## | 0.141429281 | 0.075852551 | 0.075852551 | 0.075852551 | 0.075852551 | 0.141429281 |
| ## | 14636       | 14637       | 14642       | 14648       | 14649       | 14654       |
| ## | 0.143248678 | 0.143248678 | 0.143248678 | 0.153599467 | 0.153599467 | 0.153599467 |
| ## | 14655       | 14657       | 14662       | 14665       | 14667       | 14669       |
| ## | 0.153599467 | 0.143670877 | 0.101086781 | 0.099740540 | 0.101086781 | 0.354072879 |
| ## | 14673       | 14674       | 14677       | 14682       | 14687       | 14688       |
| ## | 0.146967440 | 0.145108811 | 0.146967440 | 0.100929307 | 0.109817975 | 0.109817975 |
| ## | 14689       | 14690       | 14702       | 14713       | 14714       | 14718       |
| ## | 0.109817975 | 0.187886320 | 0.053449831 | 0.281038473 | 0.681817638 | 0.663487178 |
| ## | 14719       | 14727       | 14730       | 14731       | 14733       | 14739       |
| ## | 0.663487178 | 0.270985813 | 0.139264073 | 0.245121139 | 0.247889329 | 0.247889329 |
| ## | 14741       | 14746       | 14755       | 14766       | 14772       | 14777       |
| ## | 0.085221521 | 0.690037444 | 0.141952730 | 0.281038473 | 0.270985813 | 0.588357880 |
| ## | 14780       | 14785       | 14787       | 14788       | 14790       | 14800       |
| ## | 0.243394307 | 0.667657632 | 0.649648571 | 0.190070346 | 0.108010237 | 0.300700416 |
| ## | 14807       | 14808       | 14816       | 14818       | 14820       | 14831       |
| ## | 0.647178295 | 0.289039733 | 0.557540715 | 0.562363925 | 0.562363925 | 0.252060990 |
| ## | 14835       | 14840       | 14849       | 14851       | 14853       | 14856       |
| ## | 0.308458847 | 0.308458847 | 0.586606394 | 0.194980769 | 0.141538165 | 0.203965541 |
| ## | 14861       | 14865       | 14868       | 14871       | 14875       | 14880       |
| ## | 0.143653064 | 0.273940097 | 0.665887981 | 0.684149921 | 0.689553976 | 0.286209887 |
| ## | 14881       | 14882       | 14884       | 14890       | 14891       | 14892       |
| ## | 0.166072796 | 0.202395234 | 0.695918626 | 0.254069387 | 0.254069387 | 0.718288752 |
| ## | 14893       | 14896       | 14898       | 14906       | 14911       | 14916       |
| ## | 0.701138414 | 0.718288752 | 0.718288752 | 0.718288752 | 0.718288752 | 0.716130004 |
| ## | 14938       | 14940       | 14943       | 14956       | 14965       | 14975       |
| ## | 0.273327150 | 0.215320725 | 0.298053422 | 0.182676049 | 0.669309468 | 0.287492327 |
| ## | 14984       | 14985       | 14988       | 14989       | 14994       | 14995       |
| ## | 0.170034085 | 0.685078623 | 0.264193708 | 0.261306705 | 0.302783666 | 0.305939130 |
| ## | 15002       | 15006       | 15011       | 15021       | 15037       | 15038       |
| ## | 0.657230118 | 0.294944727 | 0.281098421 | 0.265842138 | 0.705209387 | 0.687609090 |
| ## | 15042       | 15046       | 15047       | 15060       | 15064       | 15067       |
| ## | 0.300953733 | 0.258709781 | 0.138958372 | 0.311581017 | 0.290859228 | 0.293942813 |
| ## | 15070       | 15073       | 15076       | 15077       | 15091       | 15099       |
| ## | 0.293942813 | 0.275559043 | 0.275559043 | 0.278544135 | 0.308534495 | 0.701663167 |
| ## | 15100       | 15101       | 15102       | 15108       | 15114       | 15119       |
| ## | 0.297103902 | 0.263486711 | 0.263486711 | 0.598648315 | 0.308534495 | 0.270487292 |
| ## | 15122       | 15128       | 15129       | 15130       | 15148       | 15155       |
| ## | 0.305491715 | 0.188320398 | 0.270724793 | 0.211436697 | 0.304673124 | 0.304862815 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 15157       | 15161       | 15163       | 15164       | 15166       | 15171       |
| ## | 0.720784017 | 0.293972864 | 0.210892761 | 0.254688741 | 0.094408513 | 0.257887662 |
| ## | 15175       | 15176       | 15196       | 15197       | 15202       | 15206       |
| ## | 0.254069387 | 0.669424698 | 0.660033329 | 0.254688741 | 0.293243935 | 0.294337751 |
| ## | 15208       | 15221       | 15228       | 15238       | 15240       | 15241       |
| ## | 0.712332424 | 0.222585218 | 0.706543510 | 0.300694803 | 0.702130196 | 0.300694803 |
| ## | 15250       | 15253       | 15258       | 15259       | 15267       | 15275       |
| ## | 0.110767185 | 0.301613551 | 0.275408528 | 0.272444349 | 0.299451985 | 0.701421718 |
| ## | 15280       | 15281       | 15284       | 15285       | 15287       | 15294       |
| ## | 0.287382466 | 0.299451985 | 0.662025249 | 0.267074697 | 0.669702998 | 0.215320725 |
| ## | 15302       | 15303       | 15311       | 15319       | 15320       | 15326       |
| ## | 0.251870050 | 0.676750853 | 0.705833564 | 0.304444909 | 0.304444909 | 0.264193708 |
| ## | 15328       | 15336       | 15341       | 15342       | 15343       | 15371       |
| ## | 0.214772309 | 0.075915412 | 0.250574368 | 0.198630706 | 0.300860591 | 0.286209887 |
| ## | 15374       | 15380       | 15386       | 15388       | 15389       | 15394       |
| ## | 0.289264288 | 0.200634779 | 0.309637974 | 0.693466780 | 0.710875819 | 0.643847978 |
| ## | 15409       | 15416       | 15419       | 15426       | 15430       | 15439       |
| ## | 0.572413069 | 0.200634779 | 0.197330736 | 0.685929032 | 0.645589580 | 0.263486711 |
| ## | 15444       | 15452       | 15456       | 15467       | 15477       | 15482       |
| ## | 0.675096318 | 0.291362761 | 0.207826206 | 0.305939130 | 0.272471664 | 0.210892761 |
| ## | 15484       | 15494       | 15496       | 15498       | 15506       | 15512       |
| ## | 0.172487522 | 0.682735121 | 0.264193708 | 0.296772206 | 0.305851620 | 0.703498902 |
| ## | 15514       | 15515       | 15517       | 15532       | 15538       | 15540       |
| ## | 0.303809097 | 0.176427857 | 0.705209387 | 0.448736046 | 0.157843631 | 0.297566797 |
| ## | 15545       | 15553       | 15557       | 15559       | 15572       | 15574       |
| ## | 0.308393218 | 0.267556522 | 0.305491715 | 0.308662907 | 0.271178797 | 0.299613836 |
| ## | 15577       | 15579       | 15580       | 15584       | 15597       | 15600       |
| ## | 0.718863461 | 0.578135622 | 0.578135622 | 0.698799252 | 0.702743113 | 0.312021201 |
| ## | 15605       | 15608       | 15615       | 15621       | 15624       | 15639       |
| ## | 0.203950659 | 0.229425827 | 0.597310136 | 0.251255239 | 0.595690571 | 0.297501289 |
| ## | 15646       | 15650       | 15651       | 15658       | 15666       | 15673       |
| ## | 0.648029486 | 0.290164668 | 0.293380665 | 0.660205604 | 0.325995308 | 0.682497754 |
| ## | 15675       | 15678       | 15680       | 15682       | 15683       | 15684       |
| ## | 0.191580577 | 0.220016939 | 0.194224743 | 0.191580577 | 0.268186323 | 0.265271419 |
| ## | 15686       | 15687       | 15688       | 15690       | 15695       | 15704       |
| ## | 0.597990419 | 0.706543510 | 0.706543510 | 0.249261655 | 0.267074697 | 0.655886236 |
| ## | 15708       | 15716       | 15717       | 15722       | 15725       | 15741       |
| ## | 0.259879532 | 0.270422122 | 0.138146509 | 0.157879805 | 0.654210737 | 0.268186323 |
| ## | 15749       | 15760       | 15763       | 15767       | 15768       | 15772       |
| ## | 0.657692597 | 0.294779372 | 0.300700416 | 0.240060610 | 0.201541652 | 0.159127681 |
| ## | 15773       | 15778       | 15790       | 15791       | 15792       | 15798       |
| ## | 0.275255013 | 0.200634779 | 0.256960330 | 0.211397651 | 0.251870050 | 0.267344657 |
| ## | 15801       | 15804       | 15806       | 15811       | 15814       | 15819       |
| ## | 0.629372583 | 0.308458847 | 0.709739580 | 0.308458847 | 0.167180606 | 0.226127756 |
| ## | 15831       | 15834       | 15836       | 15845       | 15850       | 15852       |
| ## | 0.283680885 | 0.286719138 | 0.283680885 | 0.283918679 | 0.272842729 | 0.242823811 |
| ## | 15854       | 15863       | 15876       | 15886       | 15887       | 15890       |
| ## | 0.269262115 | 0.165313784 | 0.187844199 | 0.720891740 | 0.718745129 | 0.718745129 |
| ## | 15894       | 15901       | 15911       | 15914       | 15915       | 15925       |
| ## | 0.703834531 | 0.710644653 | 0.187844199 | 0.424091811 | 0.790359695 | 0.427735906 |
| ## | 15929       | 15931       | 15935       | 15942       | 15945       | 15947       |
| ## | 0.790359695 | 0.427735906 | 0.424091811 | 0.790359695 | 0.790359695 | 0.424091811 |
| ## | 15951       | 15954       | 15955       | 15958       | 15959       | 15965       |
| ## | 0.424091811 | 0.268428702 | 0.427735906 | 0.214120692 | 0.424091811 | 0.268428702 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 15970       | 15982       | 15986       | 15993       | 15994       | 16010       |
| ## | 0.790359695 | 0.427735906 | 0.268428702 | 0.268428702 | 0.427735906 | 0.802138738 |
| ## | 16018       | 16028       | 16030       | 16036       | 16038       | 16043       |
| ## | 0.268428702 | 0.427735906 | 0.427735906 | 0.427735906 | 0.427735906 | 0.790359695 |
| ## | 16046       | 16054       | 16055       | 16056       | 16059       | 16060       |
| ## | 0.790359695 | 0.268428702 | 0.790359695 | 0.803822592 | 0.424091811 | 0.427735906 |
| ## | 16070       | 16073       | 16074       | 16075       | 16076       | 16079       |
| ## | 0.424091811 | 0.268428702 | 0.424091811 | 0.268428702 | 0.214120692 | 0.268428702 |
| ## | 16080       | 16081       | 16084       | 16087       | 16090       | 16103       |
| ## | 0.424091811 | 0.790359695 | 0.427735906 | 0.790359695 | 0.427735906 | 0.268428702 |
| ## | 16104       | 16109       | 16112       | 16119       | 16122       | 16127       |
| ## | 0.427735906 | 0.427735906 | 0.790359695 | 0.427735906 | 0.427735906 | 0.790359695 |
| ## | 16137       | 16144       | 16146       | 16153       | 16161       | 16166       |
| ## | 0.424091811 | 0.169390746 | 0.169390746 | 0.141810608 | 0.288661694 | 0.288661694 |
| ## | 16169       | 16175       | 16182       | 16184       | 16190       | 16191       |
| ## | 0.319144318 | 0.705865228 | 0.322391445 | 0.719855884 | 0.705865228 | 0.705865228 |
| ## | 16194       | 16200       | 16201       | 16216       | 16222       | 16227       |
| ## | 0.719855884 | 0.705865228 | 0.319144318 | 0.322391445 | 0.266385540 | 0.666294468 |
| ## | 16238       | 16242       | 16245       | 16249       | 16253       | 16259       |
| ## | 0.279106626 | 0.208490026 | 0.215893200 | 0.601493621 | 0.115614437 | 0.099216675 |
| ## | 16263       | 16264       | 16269       | 16271       | 16273       | 16274       |
| ## | 0.099216675 | 0.213361229 | 0.210870511 | 0.206788293 | 0.181035500 | 0.099216675 |
| ## | 16275       | 16277       | 16285       | 16290       | 16307       | 16320       |
| ## | 0.181035500 | 0.579837637 | 0.217682199 | 0.220230919 | 0.218053685 | 0.164936074 |
| ## | 16324       | 16345       | 16349       | 16360       | 16366       | 16369       |
| ## | 0.147986228 | 0.424091811 | 0.790359695 | 0.803822592 | 0.790359695 | 0.268428702 |
| ## | 16385       | 16397       | 16400       | 16402       | 16403       | 16406       |
| ## | 0.214120692 | 0.427735906 | 0.790359695 | 0.268428702 | 0.424091811 | 0.802138738 |
| ## | 16416       | 16417       | 16419       | 16422       | 16424       | 16429       |
| ## | 0.802138738 | 0.790359695 | 0.427735906 | 0.268428702 | 0.427735906 | 0.424091811 |
| ## | 16431       | 16433       | 16441       | 16462       | 16466       | 16484       |
| ## | 0.268428702 | 0.427735906 | 0.705865228 | 0.280573134 | 0.278244778 | 0.268428702 |
| ## | 16492       | 16495       | 16509       | 16510       | 16516       | 16526       |
| ## | 0.427735906 | 0.427735906 | 0.204441827 | 0.204441827 | 0.590831192 | 0.249043280 |
| ## | 16536       | 16537       | 16539       | 16558       | 16559       | 16562       |
| ## | 0.319144318 | 0.319144318 | 0.319144318 | 0.283918679 | 0.669956280 | 0.623226518 |
| ## | 16563       | 16565       | 16575       | 16580       | 16582       | 16583       |
| ## | 0.623226518 | 0.642568606 | 0.284428542 | 0.269927387 | 0.703834531 | 0.187844199 |
| ## | 16590       | 16593       | 16596       | 16597       | 16602       | 16603       |
| ## | 0.717883173 | 0.320262749 | 0.715722548 | 0.720891740 | 0.317027031 | 0.703834531 |
| ## | 16607       | 16611       | 16616       | 16617       | 16620       | 16626       |
| ## | 0.720891740 | 0.710644653 | 0.730801736 | 0.718745129 | 0.710644653 | 0.317027031 |
| ## | 16627       | 16629       | 16631       | 16636       | 16638       | 16648       |
| ## | 0.720891740 | 0.720891740 | 0.790359695 | 0.795757579 | 0.795757579 | 0.427735906 |
| ## | 16661       | 16664       | 16668       | 16674       | 16683       | 16690       |
| ## | 0.319144318 | 0.720714158 | 0.705865228 | 0.705865228 | 0.726933387 | 0.319144318 |
| ## | 16700       | 16703       | 16705       | 16715       | 16716       | 16717       |
| ## | 0.427735906 | 0.427735906 | 0.268428702 | 0.802138738 | 0.424091811 | 0.802138738 |
| ## | 16722       | 16723       | 16730       | 16738       | 16740       | 16753       |
| ## | 0.427735906 | 0.424091811 | 0.424091811 | 0.424091811 | 0.790359695 | 0.649212668 |
| ## | 16756       | 16766       | 16767       | 16768       | 16776       | 16782       |
| ## | 0.795757579 | 0.116770983 | 0.209695994 | 0.116770983 | 0.209695994 | 0.209695994 |
| ## | 16786       | 16797       | 16812       | 16815       | 16816       | 16819       |
| ## | 0.224769876 | 0.227377463 | 0.597488266 | 0.421527906 | 0.126231949 | 0.227377463 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 16821       | 16823       | 16825       | 16828       | 16829       | 16837       |
| ## | 0.227377463 | 0.126231949 | 0.126231949 | 0.227377463 | 0.227377463 | 0.126231949 |
| ## | 16842       | 16843       | 16845       | 16846       | 16850       | 16855       |
| ## | 0.227377463 | 0.126231949 | 0.126231949 | 0.126231949 | 0.227377463 | 0.224769876 |
| ## | 16859       | 16865       | 16869       | 16870       | 16884       | 16887       |
| ## | 0.224769876 | 0.126231949 | 0.227377463 | 0.224769876 | 0.051335236 | 0.161641097 |
| ## | 16890       | 16898       | 16911       | 16912       | 16918       | 16927       |
| ## | 0.066516079 | 0.136324104 | 0.109173674 | 0.197404097 | 0.197404097 | 0.197404097 |
| ## | 16931       | 16932       | 16938       | 16941       | 16942       | 16950       |
| ## | 0.199776022 | 0.197404097 | 0.197404097 | 0.109173674 | 0.060141714 | 0.066516079 |
| ## | 16955       | 16964       | 16979       | 16982       | 16983       | 16985       |
| ## | 0.066516079 | 0.116770983 | 0.614822886 | 0.597488266 | 0.126231949 | 0.126231949 |
| ## | 16987       | 16992       | 16997       | 17002       | 17013       | 17020       |
| ## | 0.227377463 | 0.126231949 | 0.126231949 | 0.227377463 | 0.597488266 | 0.097962880 |
| ## | 17025       | 17028       | 17051       | 17052       | 17055       | 17062       |
| ## | 0.096459984 | 0.116025218 | 0.129348514 | 0.068923618 | 0.131036218 | 0.435536371 |
| ## | 17064       | 17069       | 17071       | 17072       | 17077       | 17083       |
| ## | 0.068923618 | 0.129348514 | 0.129348514 | 0.131036218 | 0.448860073 | 0.112383353 |
| ## | 17085       | 17086       | 17088       | 17102       | 17104       | 17111       |
| ## | 0.666111136 | 0.681582555 | 0.249804684 | 0.270967176 | 0.289298781 | 0.289298781 |
| ## | 17115       | 17131       | 17140       | 17143       | 17148       | 17149       |
| ## | 0.286244163 | 0.267625433 | 0.154032831 | 0.270556678 | 0.267625433 | 0.270556678 |
| ## | 17153       | 17157       | 17170       | 17177       | 17185       | 17189       |
| ## | 0.270556678 | 0.267625433 | 0.154032831 | 0.267625433 | 0.267625433 | 0.267625433 |
| ## | 17191       | 17193       | 17197       | 17198       | 17199       | 17202       |
| ## | 0.267625433 | 0.154032831 | 0.180171249 | 0.130930806 | 0.068864212 | 0.251991265 |
| ## | 17213       | 17214       | 17220       | 17231       | 17233       | 17234       |
| ## | 0.270556678 | 0.267625433 | 0.154032831 | 0.270556678 | 0.267625433 | 0.267625433 |
| ## | 17236       | 17241       | 17242       | 17247       | 17249       | 17251       |
| ## | 0.267625433 | 0.267625433 | 0.659098975 | 0.667476865 | 0.267625433 | 0.154032831 |
| ## | 17254       | 17261       | 17266       | 17271       | 17275       | 17284       |
| ## | 0.270556678 | 0.252608066 | 0.231765280 | 0.268033117 | 0.289298781 | 0.286244163 |
| ## | 17287       | 17288       | 17294       | 17295       | 17296       | 17302       |
| ## | 0.286244163 | 0.286244163 | 0.259854984 | 0.603581468 | 0.148807582 | 0.267625433 |
| ## | 17318       | 17320       | 17325       | 17328       | 17330       | 17339       |
| ## | 0.270556678 | 0.267625433 | 0.156558602 | 0.337402471 | 0.337402471 | 0.337402471 |
| ## | 17351       | 17354       | 17359       | 17377       | 17378       | 17379       |
| ## | 0.337402471 | 0.334078694 | 0.334078694 | 0.337402471 | 0.334078694 | 0.337402471 |
| ## | 17386       | 17389       | 17390       | 17391       | 17405       | 17426       |
| ## | 0.337402471 | 0.337402471 | 0.337402471 | 0.337402471 | 0.337402471 | 0.125093377 |
| ## | 17428       | 17431       | 17439       | 17445       | 17446       | 17448       |
| ## | 0.125093377 | 0.222969325 | 0.125093377 | 0.222969325 | 0.225562101 | 0.225562101 |
| ## | 17453       | 17454       | 17455       | 17463       | 17466       | 17473       |
| ## | 0.222969325 | 0.125093377 | 0.222969325 | 0.148799269 | 0.220863463 | 0.141025733 |
| ## | 17483       | 17486       | 17518       | 17527       | 17531       | 17536       |
| ## | 0.181455550 | 0.187669751 | 0.246051031 | 0.243296729 | 0.113852783 | 0.197011259 |
| ## | 17540       | 17542       | 17548       | 17551       | 17553       | 17571       |
| ## | 0.175177908 | 0.210846100 | 0.107056222 | 0.247498080 | 0.189952394 | 0.337402471 |
| ## | 17576       | 17578       | 17581       | 17582       | 17583       | 17584       |
| ## | 0.337402471 | 0.337402471 | 0.337402471 | 0.334078694 | 0.334078694 | 0.334078694 |
| ## | 17586       | 17595       | 17603       | 17604       | 17608       | 17610       |
| ## | 0.334078694 | 0.337402471 | 0.334078694 | 0.337402471 | 0.095980080 | 0.125093377 |
| ## | 17612       | 17615       | 17620       | 17622       | 17623       | 17630       |
| ## | 0.125093377 | 0.125093377 | 0.225562101 | 0.222969325 | 0.095980080 | 0.125093377 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 17632       | 17633       | 17638       | 17659       | 17674       | 17690       |
| ## | 0.222969325 | 0.125093377 | 0.101732616 | 0.199982140 | 0.334078694 | 0.337402471 |
| ## | 17695       | 17697       | 17700       | 17705       | 17706       | 17714       |
| ## | 0.334078694 | 0.334078694 | 0.334078694 | 0.337402471 | 0.337402471 | 0.182737905 |
| ## | 17717       | 17720       | 17721       | 17722       | 17724       | 17730       |
| ## | 0.182737905 | 0.180522637 | 0.182737905 | 0.180522637 | 0.182737905 | 0.177228547 |
| ## | 17734       | 17736       | 17738       | 17740       | 17742       | 17743       |
| ## | 0.165440280 | 0.089896029 | 0.091880508 | 0.168783144 | 0.170884393 | 0.478846665 |
| ## | 17744       | 17748       | 17753       | 17756       | 17757       | 17761       |
| ## | 0.466292180 | 0.170023198 | 0.180522637 | 0.180522637 | 0.182737905 | 0.136553092 |
| ## | 17764       | 17767       | 17769       | 17775       | 17779       | 17781       |
| ## | 0.134398269 | 0.136553092 | 0.464369222 | 0.045903973 | 0.396264583 | 0.127151419 |
| ## | 17784       | 17793       | 17799       | 17802       | 17803       | 17809       |
| ## | 0.050798381 | 0.145899169 | 0.090103015 | 0.050593235 | 0.050593235 | 0.137593360 |
| ## | 17818       | 17833       | 17834       | 17839       | 17843       | 17844       |
| ## | 0.137593360 | 0.137593360 | 0.137593360 | 0.137593360 | 0.137593360 | 0.242538332 |
| ## | 17847       | 17854       | 17881       | 17893       | 17894       | 17899       |
| ## | 0.242538332 | 0.245286831 | 0.137929707 | 0.503265358 | 0.165200513 | 0.499539489 |
| ## | 17900       | 17901       | 17907       | 17910       | 17913       | 17915       |
| ## | 0.503265358 | 0.503265358 | 0.087031415 | 0.041575319 | 0.521255110 | 0.164478158 |
| ## | 17916       | 17917       | 17919       | 17923       | 17925       | 17932       |
| ## | 0.170751171 | 0.165904531 | 0.096130107 | 0.077429389 | 0.172851450 | 0.172851450 |
| ## | 17936       | 17946       | 17950       | 17957       | 17964       | 17968       |
| ## | 0.172851450 | 0.165904531 | 0.094638641 | 0.072752533 | 0.392409560 | 0.087974939 |
| ## | 17970       | 17971       | 17985       | 17987       | 17994       | 17996       |
| ## | 0.053156505 | 0.385344363 | 0.169121295 | 0.475665546 | 0.152438221 | 0.154373776 |
| ## | 18002       | 18011       | 18015       | 18016       | 18020       | 18021       |
| ## | 0.086406926 | 0.159533072 | 0.159533072 | 0.159533072 | 0.161541543 | 0.518771093 |
| ## | 18035       | 18041       | 18048       | 18049       | 18053       | 18056       |
| ## | 0.472312164 | 0.102390666 | 0.539608061 | 0.121291486 | 0.098443076 | 0.151059298 |
| ## | 18058       | 18069       | 18072       | 18079       | 18088       | 18095       |
| ## | 0.151059298 | 0.136229305 | 0.136229305 | 0.614870683 | 0.149973326 | 0.149548870 |
| ## | 18105       | 18110       | 18118       | 18121       | 18131       | 18133       |
| ## | 0.175555648 | 0.417028543 | 0.052158158 | 0.077429389 | 0.082020121 | 0.082020121 |
| ## | 18143       | 18146       | 18151       | 18154       | 18159       | 18161       |
| ## | 0.169121295 | 0.152438221 | 0.500188288 | 0.152438221 | 0.154373776 | 0.159533072 |
| ## | 18173       | 18175       | 18176       | 18179       | 18186       | 18191       |
| ## | 0.159533072 | 0.159533072 | 0.159533072 | 0.159533072 | 0.159533072 | 0.159533072 |
| ## | 18194       | 18200       | 18202       | 18204       | 18208       | 18213       |
| ## | 0.165904531 | 0.534145354 | 0.472312164 | 0.472312164 | 0.102390666 | 0.186285623 |
| ## | 18216       | 18217       | 18218       | 18225       | 18228       | 18237       |
| ## | 0.186285623 | 0.324807007 | 0.186285623 | 0.147137719 | 0.110689975 | 0.200492119 |
| ## | 18238       | 18245       | 18252       | 18258       | 18260       | 18267       |
| ## | 0.200492119 | 0.057204466 | 0.200492119 | 0.198113796 | 0.200492119 | 0.166759075 |
| ## | 18269       | 18272       | 18279       | 18286       | 18298       | 18301       |
| ## | 0.168304592 | 0.178110874 | 0.190246385 | 0.190246385 | 0.162858031 | 0.406162217 |
| ## | 18308       | 18311       | 18315       | 18332       | 18333       | 18340       |
| ## | 0.118970823 | 0.088957091 | 0.069657917 | 0.562925539 | 0.562925539 | 0.088202628 |
| ## | 18355       | 18357       | 18360       | 18366       | 18374       | 18376       |
| ## | 0.095614497 | 0.095614497 | 0.170529320 | 0.165906497 | 0.330677012 | 0.152607671 |
| ## | 18377       | 18378       | 18380       | 18386       | 18393       | 18399       |
| ## | 0.195188967 | 0.195188967 | 0.152607671 | 0.195188967 | 0.147477301 | 0.147477301 |
| ## | 18401       | 18403       | 18404       | 18408       | 18430       | 18433       |
| ## | 0.330677012 | 0.195188967 | 0.330677012 | 0.195188967 | 0.195188967 | 0.330677012 |

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| ## | 18437       | 18440       | 18442       | 18446       | 18452       | 18455       |
| ## | 0.330677012 | 0.330677012 | 0.195188967 | 0.327386752 | 0.327386752 | 0.327386752 |
| ## | 18456       | 18463       | 18465       | 18473       | 18482       | 18495       |
| ## | 0.195393862 | 0.206182020 | 0.142398887 | 0.294576765 | 0.294576765 | 0.254190125 |
| ## | 18498       | 18500       | 18502       | 18510       | 18511       | 18512       |
| ## | 0.295044391 | 0.248872368 | 0.157189913 | 0.601846021 | 0.601846021 | 0.598760784 |
| ## | 18513       | 18515       | 18521       | 18522       | 18524       | 18538       |
| ## | 0.299995295 | 0.296874913 | 0.276909560 | 0.273935334 | 0.276909560 | 0.159559758 |
| ## | 18550       | 18551       | 18554       | 18564       | 18565       | 18567       |
| ## | 0.275898950 | 0.275898950 | 0.275898950 | 0.691919493 | 0.684864097 | 0.301119386 |
| ## | 18573       | 18574       | 18575       | 18588       | 18590       | 18592       |
| ## | 0.700323122 | 0.700323122 | 0.700323122 | 0.297992290 | 0.297992290 | 0.301119386 |
| ## | 18598       | 18599       | 18611       | 18613       | 18616       | 18621       |
| ## | 0.712019577 | 0.657320832 | 0.130881942 | 0.297613952 | 0.289669980 | 0.286447578 |
| ## | 18626       | 18631       | 18634       | 18643       | 18644       | 18653       |
| ## | 0.305027940 | 0.088121417 | 0.297415159 | 0.327386752 | 0.330677012 | 0.330677012 |
| ## | 18659       | 18661       | 18667       | 18669       | 18672       | 18675       |
| ## | 0.195188967 | 0.152607671 | 0.330677012 | 0.152607671 | 0.330677012 | 0.187087293 |
| ## | 18678       | 18680       | 18685       | 18687       | 18689       | 18697       |
| ## | 0.273195477 | 0.273195477 | 0.294576765 | 0.297683219 | 0.297683219 | 0.294576765 |
| ## | 18698       | 18700       | 18704       | 18705       | 18716       | 18717       |
| ## | 0.294576765 | 0.297683219 | 0.294576765 | 0.294576765 | 0.708665394 | 0.255859678 |
| ## | 18718       | 18723       | 18729       | 18730       | 18741       | 18742       |
| ## | 0.174240961 | 0.287310440 | 0.675612655 | 0.272361155 | 0.265631866 | 0.273935334 |
| ## | 18752       | 18757       | 18774       | 18777       | 18780       | 18782       |
| ## | 0.273935334 | 0.216870184 | 0.275898950 | 0.278886306 | 0.275898950 | 0.278886306 |
| ## | 18786       | 18789       | 18792       | 18806       | 18809       | 18823       |
| ## | 0.710640795 | 0.297613952 | 0.297613952 | 0.637789231 | 0.190730039 | 0.180158966 |
| ## | 18824       | 18826       | 18829       | 18836       | 18837       | 18838       |
| ## | 0.294310331 | 0.071600530 | 0.143193699 | 0.060577836 | 0.152930026 | 0.124521184 |
| ## | 18844       | 18853       | 18856       | 18864       | 18873       | 18886       |
| ## | 0.038518073 | 0.067803981 | 0.109922254 | 0.198622765 | 0.068397222 | 0.237487677 |
| ## | 18887       | 18894       | 18898       | 18903       | 18911       | 18931       |
| ## | 0.622337666 | 0.346203166 | 0.342837551 | 0.346203166 | 0.342837551 | 0.346203166 |
| ## | 18950       | 18963       | 18969       | 18987       | 18989       | 18990       |
| ## | 0.342837551 | 0.109051503 | 0.212465073 | 0.346203166 | 0.342837551 | 0.597907054 |
| ## | 18991       | 18992       | 18994       | 18998       | 19000       | 19004       |
| ## | 0.224535935 | 0.232497925 | 0.229849085 | 0.621648282 | 0.211185663 | 0.212465073 |
| ## | 19014       | 19016       | 19021       | 19026       | 19027       | 19031       |
| ## | 0.616386285 | 0.214281362 | 0.346203166 | 0.342837551 | 0.346203166 | 0.342837551 |
| ## | 19041       | 19045       | 19048       | 19049       | 19052       | 19053       |
| ## | 0.206314499 | 0.342837551 | 0.342837551 | 0.342837551 | 0.741741401 | 0.743775067 |
| ## | 19057       | 19063       | 19068       | 19073       | 19082       | 19089       |
| ## | 0.342837551 | 0.734058180 | 0.342837551 | 0.206314499 | 0.154101050 | 0.359560669 |
| ## | 19095       | 19104       | 19115       | 19119       | 19120       | 19124       |
| ## | 0.167032735 | 0.146464223 | 0.194230197 | 0.406532798 | 0.406532798 | 0.251649903 |
| ## | 19143       | 19145       | 19150       | 19157       | 19159       | 19161       |
| ## | 0.341109317 | 0.764597104 | 0.359560669 | 0.251649903 | 0.402942151 | 0.406532798 |
| ## | 19169       | 19171       | 19177       | 19180       | 19190       | 19198       |
| ## | 0.402942151 | 0.402942151 | 0.251649903 | 0.251649903 | 0.251649903 | 0.406532798 |
| ## | 19205       | 19207       | 19209       | 19210       | 19214       | 19216       |
| ## | 0.199809389 | 0.402942151 | 0.402942151 | 0.406532798 | 0.251649903 | 0.406532798 |
| ## | 19220       | 19221       | 19231       | 19244       | 19246       | 19247       |
| ## | 0.785055465 | 0.251649903 | 0.251649903 | 0.787929989 | 0.402942151 | 0.781215574 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 19248       | 19260       | 19271       | 19277       | 19283       | 19288       |
| ## | 0.251649903 | 0.402942151 | 0.787929989 | 0.402942151 | 0.402942151 | 0.381177926 |
| ## | 19289       | 19318       | 19331       | 19333       | 19337       | 19342       |
| ## | 0.185606227 | 0.251649903 | 0.251649903 | 0.406532798 | 0.406532798 | 0.251649903 |
| ## | 19366       | 19368       | 19377       | 19378       | 19380       | 19383       |
| ## | 0.251649903 | 0.251649903 | 0.402942151 | 0.194230197 | 0.402942151 | 0.402942151 |
| ## | 19384       | 19387       | 19396       | 19402       | 19405       | 19406       |
| ## | 0.402942151 | 0.402942151 | 0.199809389 | 0.194230197 | 0.402942151 | 0.402942151 |
| ## | 19412       | 19415       | 19416       | 19417       | 19420       | 19432       |
| ## | 0.406532798 | 0.402942151 | 0.406532798 | 0.251649903 | 0.185606227 | 0.381177926 |
| ## | 19433       | 19435       | 19436       | 19442       | 19444       | 19445       |
| ## | 0.771517951 | 0.247723655 | 0.635340109 | 0.644494113 | 0.141878414 | 0.203791721 |
| ## | 19449       | 19451       | 19465       | 19472       | 19480       | 19487       |
| ## | 0.203791721 | 0.206220677 | 0.224659604 | 0.224659604 | 0.239982314 | 0.242711129 |
| ## | 19493       | 19501       | 19503       | 19507       | 19511       | 19536       |
| ## | 0.143652105 | 0.146888561 | 0.196365685 | 0.218082036 | 0.131274054 | 0.247723655 |
| ## | 19545       | 19546       | 19548       | 19550       | 19551       | 19557       |
| ## | 0.124528228 | 0.222074227 | 0.224659604 | 0.224659604 | 0.222074227 | 0.239982314 |
| ## | 19559       | 19562       | 19570       | 19571       | 19573       | 19576       |
| ## | 0.634816801 | 0.242711129 | 0.208686220 | 0.208686220 | 0.133254059 | 0.196365685 |
| ## | 19577       | 19580       | 19592       | 19593       | 19597       | 19608       |
| ## | 0.194024433 | 0.215551310 | 0.221378923 | 0.153178018 | 0.109452496 | 0.126330820 |
| ## | 19617       | 19630       | 19632       | 19635       | 19636       | 19638       |
| ## | 0.108304905 | 0.208162978 | 0.593132911 | 0.593941652 | 0.187508808 | 0.207822666 |
| ## | 19652       | 19666       | 19675       | 19678       | 19684       | 19688       |
| ## | 0.189885343 | 0.205939483 | 0.138629763 | 0.487243388 | 0.154592502 | 0.444643601 |
| ## | 19691       | 19693       | 19701       | 19705       | 19707       | 19710       |
| ## | 0.444643601 | 0.107788049 | 0.154592502 | 0.444643601 | 0.444643601 | 0.106363123 |
| ## | 19713       | 19716       | 19721       | 19724       | 19725       | 19733       |
| ## | 0.094508511 | 0.049434945 | 0.201329155 | 0.164155470 | 0.166210627 | 0.095184278 |
| ## | 19734       | 19748       | 19760       | 19762       | 19764       | 19773       |
| ## | 0.173017576 | 0.206735938 | 0.097186614 | 0.183815979 | 0.183815979 | 0.183815979 |
| ## | 19774       | 19778       | 19785       | 19788       | 19789       | 19790       |
| ## | 0.184298164 | 0.166682703 | 0.177184781 | 0.179350840 | 0.181554914 | 0.098202098 |
| ## | 19791       | 19792       | 19795       | 19804       | 19806       | 19812       |
| ## | 0.179350840 | 0.090767922 | 0.160800613 | 0.087153706 | 0.087153706 | 0.109543159 |
| ## | 19815       | 19825       | 19836       | 19837       | 19838       | 19840       |
| ## | 0.083031968 | 0.186062485 | 0.100895335 | 0.183815979 | 0.182068195 | 0.099839542 |
| ## | 19850       | 19852       | 19854       | 19860       | 19862       | 19863       |
| ## | 0.185794290 | 0.180265521 | 0.187364049 | 0.114391064 | 0.189771592 | 0.155616315 |
| ## | 19867       | 19876       | 19891       | 19896       | 19902       | 19907       |
| ## | 0.164155470 | 0.171303671 | 0.084972416 | 0.183261095 | 0.185794290 | 0.182478337 |
| ## | 19911       | 19915       | 19920       | 19934       | 19935       | 19936       |
| ## | 0.187364049 | 0.088098738 | 0.189771592 | 0.155038033 | 0.155038033 | 0.155038033 |
| ## | 19937       | 19942       | 19947       | 19959       | 19963       | 19967       |
| ## | 0.157000485 | 0.488866949 | 0.083766950 | 0.492591567 | 0.155038033 | 0.083766950 |
| ## | 19987       | 19990       | 19996       | 19997       | 19998       | 20000       |
| ## | 0.117422126 | 0.134367074 | 0.134367074 | 0.457086982 | 0.456537421 | 0.146200061 |
| ## | 20014       | 20016       | 20022       | 20032       | 20037       | 20045       |
| ## | 0.077459714 | 0.146058141 | 0.136110022 | 0.139721304 | 0.072420324 | 0.139721304 |
| ## | 20051       | 20055       | 20056       | 20058       | 20066       | 20068       |
| ## | 0.587791292 | 0.591568100 | 0.578845094 | 0.582474029 | 0.141044645 | 0.207306605 |
| ## | 20072       | 20073       | 20074       | 20078       | 20084       | 20093       |
| ## | 0.173057223 | 0.181472641 | 0.091014100 | 0.204617151 | 0.204617151 | 0.133411952 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 20099       | 20111       | 20117       | 20119       | 20121       | 20125       |
| ## | 0.205727906 | 0.445437871 | 0.120567208 | 0.204149491 | 0.083931366 | 0.094062074 |
| ## | 20128       | 20134       | 20147       | 20153       | 20155       | 20164       |
| ## | 0.159918373 | 0.159918373 | 0.677758398 | 0.123847457 | 0.279423945 | 0.276433037 |
| ## | 20167       | 20171       | 20172       | 20175       | 20181       | 20186       |
| ## | 0.279423945 | 0.677758398 | 0.279423945 | 0.276433037 | 0.279423945 | 0.276433037 |
| ## | 20190       | 20199       | 20205       | 20215       | 20216       | 20219       |
| ## | 0.276433037 | 0.677758398 | 0.279423945 | 0.279423945 | 0.279423945 | 0.276433037 |
| ## | 20223       | 20239       | 20249       | 20250       | 20251       | 20259       |
| ## | 0.276433037 | 0.159918373 | 0.181498178 | 0.197997525 | 0.197997525 | 0.159918373 |
| ## | 20261       | 20262       | 20265       | 20269       | 20270       | 20283       |
| ## | 0.159918373 | 0.159918373 | 0.159918373 | 0.677758398 | 0.279423945 | 0.276433037 |
| ## | 20285       | 20295       | 20301       | 20308       | 20310       | 20312       |
| ## | 0.279423945 | 0.279423945 | 0.276433037 | 0.159918373 | 0.159918373 | 0.123847457 |
| ## | 20320       | 20321       | 20323       | 20326       | 20329       | 20334       |
| ## | 0.279423945 | 0.279423945 | 0.279423945 | 0.276433037 | 0.276433037 | 0.279423945 |
| ## | 20339       | 20346       | 20355       | 20359       | 20362       | 20363       |
| ## | 0.677758398 | 0.279423945 | 0.197997525 | 0.562723932 | 0.176016153 | 0.146703447 |
| ## | 20370       | 20380       | 20381       | 20390       | 20391       | 20401       |
| ## | 0.093648545 | 0.132613954 | 0.089202167 | 0.132788014 | 0.115025576 | 0.060951880 |
| ## | 20402       | 20408       | 20411       | 20415       | 20416       | 20424       |
| ## | 0.060951880 | 0.045981844 | 0.202600604 | 0.112372775 | 0.202600604 | 0.551513568 |
| ## | 20434       | 20435       | 20437       | 20445       | 20458       | 20460       |
| ## | 0.202600604 | 0.202600604 | 0.205019018 | 0.202600604 | 0.584777670 | 0.584777670 |
| ## | 20461       | 20471       | 20472       | 20485       | 20486       | 20487       |
| ## | 0.212710495 | 0.210225343 | 0.594390622 | 0.210225343 | 0.596954115 | 0.590792497 |
| ## | 20488       | 20492       | 20497       | 20501       | 20509       | 20510       |
| ## | 0.596954115 | 0.584777670 | 0.171002615 | 0.192414597 | 0.569735902 | 0.196577869 |
| ## | 20521       | 20528       | 20533       | 20543       | 20547       | 20550       |
| ## | 0.552398880 | 0.196577869 | 0.592569306 | 0.585849834 | 0.115232656 | 0.592569306 |
| ## | 20556       | 20559       | 20567       | 20582       | 20585       | 20590       |
| ## | 0.589461219 | 0.209679759 | 0.207220697 | 0.076763457 | 0.464181950 | 0.038942028 |
| ## | 20605       | 20611       | 20612       | 20613       | 20616       | 20618       |
| ## | 0.338362284 | 0.209679759 | 0.209679759 | 0.209679759 | 0.207220697 | 0.209679759 |
| ## | 20619       | 20625       | 20626       | 20627       | 20633       | 20645       |
| ## | 0.209679759 | 0.209679759 | 0.207220697 | 0.209679759 | 0.593856552 | 0.210225343 |
| ## | 20647       | 20648       | 20649       | 20653       | 20654       | 20658       |
| ## | 0.212710495 | 0.594390622 | 0.210225343 | 0.593856552 | 0.576769454 | 0.593856552 |
| ## | 20660       | 20664       | 20669       | 20675       | 20678       | 20695       |
| ## | 0.596954115 | 0.210225343 | 0.212710495 | 0.156211466 | 0.540039743 | 0.194234699 |
| ## | 20697       | 20704       | 20706       | 20726       | 20729       | 20738       |
| ## | 0.196577869 | 0.572885118 | 0.569735902 | 0.589461219 | 0.589461219 | 0.209679759 |
| ## | 20747       | 20753       | 20755       | 20761       | 20764       | 20774       |
| ## | 0.120525977 | 0.200293082 | 0.106798719 | 0.204446399 | 0.202767485 | 0.215348326 |
| ## | 20777       | 20784       | 20789       | 20790       | 20791       | 20792       |
| ## | 0.120299809 | 0.131054897 | 0.143326887 | 0.119937251 | 0.139544645 | 0.106798719 |
| ## | 20802       | 20813       | 20815       | 20819       | 20826       | 20828       |
| ## | 0.202767485 | 0.396646236 | 0.214196054 | 0.118018434 | 0.198885160 | 0.196521214 |
| ## | 20832       | 20840       | 20848       | 20850       | 20853       | 20854       |
| ## | 0.210665718 | 0.106588507 | 0.118354186 | 0.204842292 | 0.200293082 | 0.196149566 |
| ## | 20860       | 20866       | 20868       | 20881       | 20883       | 20884       |
| ## | 0.220433168 | 0.136688427 | 0.114617159 | 0.159346357 | 0.159346357 | 0.184270310 |
| ## | 20894       | 20895       | 20909       | 20915       | 20921       | 20927       |
| ## | 0.119937251 | 0.169209930 | 0.218773019 | 0.188095597 | 0.192976150 | 0.210815766 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 20929       | 20937       | 20940       | 20941       | 20945       | 20947       |
| ## | 0.174278425 | 0.090129151 | 0.118018434 | 0.211698213 | 0.118018434 | 0.211698213 |
| ## | 20955       | 20967       | 20979       | 20987       | 21004       | 21013       |
| ## | 0.207076868 | 0.202425431 | 0.220433168 | 0.213405631 | 0.080942502 | 0.080942502 |
| ## | 21019       | 21028       | 21041       | 21043       | 21047       | 21062       |
| ## | 0.148517917 | 0.080942502 | 0.079960494 | 0.150412528 | 0.148517917 | 0.088252786 |
| ## | 21064       | 21067       | 21072       | 21084       | 21085       | 21087       |
| ## | 0.111850582 | 0.134635305 | 0.078798281 | 0.161183574 | 0.161183574 | 0.143642375 |
| ## | 21088       | 21089       | 21101       | 21105       | 21107       | 21117       |
| ## | 0.141818806 | 0.076077468 | 0.154283775 | 0.154283775 | 0.154283775 | 0.079960494 |
| ## | 21119       | 21121       | 21123       | 21136       | 21140       | 21141       |
| ## | 0.148517917 | 0.148517917 | 0.148517917 | 0.148517917 | 0.044717499 | 0.150423305 |
| ## | 21147       | 21150       | 21157       | 21167       | 21176       | 21181       |
| ## | 0.085677953 | 0.113155818 | 0.179304615 | 0.258706061 | 0.297576171 | 0.258706061 |
| ## | 21184       | 21189       | 21190       | 21191       | 21192       | 21193       |
| ## | 0.255858172 | 0.258706061 | 0.086695420 | 0.297576171 | 0.684434455 | 0.273185730 |
| ## | 21196       | 21199       | 21208       | 21213       | 21215       | 21217       |
| ## | 0.670291790 | 0.676135801 | 0.615324796 | 0.269829276 | 0.191177283 | 0.609387239 |
| ## | 21218       | 21219       | 21226       | 21242       | 21244       | 21258       |
| ## | 0.212619535 | 0.309667966 | 0.174455896 | 0.663055863 | 0.277649467 | 0.188214700 |
| ## | 21260       | 21265       | 21267       | 21273       | 21286       | 21293       |
| ## | 0.220133027 | 0.148063636 | 0.699955599 | 0.272496787 | 0.712984029 | 0.712984029 |
| ## | 21297       | 21305       | 21307       | 21311       | 21313       | 21314       |
| ## | 0.712984029 | 0.189059840 | 0.560703326 | 0.654678967 | 0.205026023 | 0.719029482 |
| ## | 21315       | 21320       | 21324       | 21327       | 21343       | 21345       |
| ## | 0.689952301 | 0.166718447 | 0.305982381 | 0.679358947 | 0.298190466 | 0.653069238 |
| ## | 21349       | 21350       | 21352       | 21353       | 21364       | 21365       |
| ## | 0.185170280 | 0.303715577 | 0.268031820 | 0.690298448 | 0.306976685 | 0.310156408 |
| ## | 21371       | 21377       | 21379       | 21384       | 21394       | 21397       |
| ## | 0.292348315 | 0.305673815 | 0.692678157 | 0.666513178 | 0.184892909 | 0.699761322 |
| ## | 21400       | 21410       | 21414       | 21416       | 21418       | 21419       |
| ## | 0.272775669 | 0.095079426 | 0.323979783 | 0.707370585 | 0.323979783 | 0.714132422 |
| ## | 21421       | 21435       | 21436       | 21439       | 21442       | 21456       |
| ## | 0.320724230 | 0.320868536 | 0.704413978 | 0.281920476 | 0.317760015 | 0.710699326 |
| ## | 21458       | 21467       | 21470       | 21471       | 21485       | 21487       |
| ## | 0.552641494 | 0.687871747 | 0.713212827 | 0.300923316 | 0.613922317 | 0.152722123 |
| ## | 21490       | 21494       | 21498       | 21505       | 21518       | 21521       |
| ## | 0.608199469 | 0.215125280 | 0.271023329 | 0.672747742 | 0.714339931 | 0.286654905 |
| ## | 21524       | 21539       | 21548       | 21562       | 21573       | 21576       |
| ## | 0.342031540 | 0.604145041 | 0.672916767 | 0.660216601 | 0.309662260 | 0.277146233 |
| ## | 21579       | 21580       | 21581       | 21582       | 21585       | 21594       |
| ## | 0.313796476 | 0.527336527 | 0.220619086 | 0.261511241 | 0.661533487 | 0.260117558 |
| ## | 21599       | 21609       | 21632       | 21633       | 21635       | 21642       |
| ## | 0.573321310 | 0.265697355 | 0.674717781 | 0.692719809 | 0.153662337 | 0.275461319 |
| ## | 21647       | 21649       | 21662       | 21664       | 21665       | 21669       |
| ## | 0.287269110 | 0.290330217 | 0.276567717 | 0.216837232 | 0.263712220 | 0.646028262 |
| ## | 21671       | 21676       | 21680       | 21681       | 21685       | 21692       |
| ## | 0.275709657 | 0.320791266 | 0.142512784 | 0.721379754 | 0.591024419 | 0.646746957 |
| ## | 21695       | 21697       | 21700       | 21703       | 21704       | 21706       |
| ## | 0.699955599 | 0.171223799 | 0.163961721 | 0.272496787 | 0.162832923 | 0.700367111 |
| ## | 21715       | 21718       | 21719       | 21720       | 21722       | 21736       |
| ## | 0.303386387 | 0.265060751 | 0.719667560 | 0.329981575 | 0.712984029 | 0.318750569 |
| ## | 21738       | 21739       | 21740       | 21743       | 21751       | 21773       |
| ## | 0.705488742 | 0.664460168 | 0.278913189 | 0.664629456 | 0.693981844 | 0.558291757 |

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| ## | 21776       | 21782       | 21787       | 21789       | 21804       | 21806       |
| ## | 0.678602370 | 0.316438310 | 0.303715577 | 0.268031820 | 0.283956078 | 0.293608555 |
| ## | 21817       | 21826       | 21832       | 21835       | 21839       | 21849       |
| ## | 0.678979764 | 0.700767199 | 0.318127754 | 0.701782465 | 0.316040574 | 0.309925489 |
| ## | 21851       | 21853       | 21856       | 21857       | 21860       | 21861       |
| ## | 0.313121956 | 0.226503822 | 0.328571861 | 0.711676045 | 0.725904908 | 0.325292368 |
| ## | 21862       | 21869       | 21874       | 21877       | 21882       | 21883       |
| ## | 0.284845149 | 0.689776565 | 0.309185314 | 0.274735428 | 0.221090136 | 0.704413978 |
| ## | 21887       | 21892       | 21896       | 21899       | 21901       | 21904       |
| ## | 0.704413978 | 0.317629557 | 0.188360880 | 0.195132521 | 0.117522715 | 0.282629886 |
| ## | 21905       | 21909       | 21910       | 21915       | 21930       | 21934       |
| ## | 0.282629886 | 0.308563280 | 0.692396011 | 0.292907473 | 0.300923316 | 0.717967679 |
| ## | 21960       | 21961       | 21963       | 21964       | 21967       | 21976       |
| ## | 0.663630737 | 0.281168422 | 0.661213084 | 0.278398048 | 0.156296289 | 0.229989361 |
| ## | 21979       | 21981       | 21988       | 21992       | 22000       | 22004       |
| ## | 0.200595578 | 0.212619535 | 0.165596297 | 0.666505035 | 0.549003473 | 0.605508871 |
| ## | 22010       | 22012       | 22014       | 22024       | 22027       | 22033       |
| ## | 0.281616696 | 0.276286392 | 0.186946247 | 0.281853616 | 0.686475995 | 0.671022194 |
| ## | 22036       | 22049       | 22050       | 22054       | 22059       | 22065       |
| ## | 0.267477153 | 0.707248487 | 0.700392134 | 0.700392134 | 0.177461434 | 0.177876730 |
| ## | 22066       | 22081       | 22087       | 22106       | 22114       | 22116       |
| ## | 0.177876730 | 0.208440260 | 0.295445893 | 0.697755902 | 0.267930899 | 0.296211735 |
| ## | 22118       | 22123       | 22125       | 22126       | 22129       | 22134       |
| ## | 0.173357828 | 0.682147655 | 0.722262735 | 0.332839957 | 0.719263190 | 0.329538772 |
| ## | 22139       | 22140       | 22146       | 22148       | 22149       | 22150       |
| ## | 0.332839957 | 0.732253401 | 0.715616627 | 0.329538772 | 0.730161464 | 0.332839957 |
| ## | 22152       | 22154       | 22160       | 22162       | 22163       | 22169       |
| ## | 0.730161464 | 0.732253401 | 0.722262735 | 0.732253401 | 0.329538772 | 0.722262735 |
| ## | 22171       | 22174       | 22176       | 22185       | 22202       | 22205       |
| ## | 0.332839957 | 0.715616627 | 0.332839957 | 0.441790576 | 0.441790576 | 0.441790576 |
| ## | 22211       | 22213       | 22218       | 22231       | 22234       | 22238       |
| ## | 0.441790576 | 0.223902580 | 0.441790576 | 0.441790576 | 0.799679319 | 0.441790576 |
| ## | 22251       | 22254       | 22271       | 22274       | 22283       | 22284       |
| ## | 0.438118413 | 0.799679319 | 0.279808246 | 0.441790576 | 0.279808246 | 0.441790576 |
| ## | 22285       | 22288       | 22294       | 22297       | 22311       | 22317       |
| ## | 0.441790576 | 0.279808246 | 0.279808246 | 0.438118413 | 0.438118413 | 0.441790576 |
| ## | 22322       | 22323       | 22333       | 22349       | 22356       | 22357       |
| ## | 0.799679319 | 0.804896474 | 0.438118413 | 0.441790576 | 0.279808246 | 0.441790576 |
| ## | 22359       | 22364       | 22368       | 22370       | 22371       | 22376       |
| ## | 0.438118413 | 0.223902580 | 0.441790576 | 0.812685561 | 0.804896474 | 0.438118413 |
| ## | 22379       | 22386       | 22392       | 22397       | 22405       | 22412       |
| ## | 0.279808246 | 0.438118413 | 0.441790576 | 0.223902580 | 0.441790576 | 0.438118413 |
| ## | 22413       | 22416       | 22417       | 22419       | 22420       | 22423       |
| ## | 0.279808246 | 0.441790576 | 0.441790576 | 0.441790576 | 0.438118413 | 0.147891836 |
| ## | 22429       | 22436       | 22438       | 22440       | 22447       | 22448       |
| ## | 0.266834795 | 0.441790576 | 0.177590963 | 0.302347549 | 0.257442984 | 0.266834795 |
| ## | 22454       | 22463       | 22466       | 22467       | 22468       | 22475       |
| ## | 0.335011049 | 0.198273262 | 0.331699037 | 0.734162838 | 0.331699037 | 0.331699037 |
| ## | 22479       | 22480       | 22482       | 22488       | 22489       | 22491       |
| ## | 0.335011049 | 0.331699037 | 0.331699037 | 0.335011049 | 0.335011049 | 0.335011049 |
| ## | 22496       | 22512       | 22518       | 22521       | 22532       | 22533       |
| ## | 0.331699037 | 0.331699037 | 0.335011049 | 0.534744936 | 0.596685065 | 0.218086066 |
| ## | 22538       | 22539       | 22540       | 22547       | 22555       | 22559       |
| ## | 0.604583207 | 0.615120718 | 0.123564389 | 0.590206537 | 0.216327415 | 0.593705055 |

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| ## | 22561       | 22566       | 22567       | 22570       | 22573       | 22574       |
| ## | 0.128013352 | 0.598289036 | 0.210460725 | 0.163441144 | 0.512070100 | 0.508345755 |
| ## | 22575       | 22578       | 22579       | 22583       | 22604       | 22607       |
| ## | 0.812685561 | 0.812685561 | 0.438118413 | 0.811059900 | 0.279808246 | 0.799679319 |
| ## | 22622       | 22627       | 22628       | 22632       | 22634       | 22638       |
| ## | 0.438118413 | 0.441790576 | 0.438118413 | 0.799679319 | 0.441790576 | 0.441790576 |
| ## | 22646       | 22648       | 22671       | 22674       | 22685       | 22686       |
| ## | 0.441790576 | 0.441790576 | 0.438118413 | 0.279808246 | 0.441790576 | 0.438118413 |
| ## | 22692       | 22693       | 22694       | 22703       | 22714       | 22719       |
| ## | 0.441790576 | 0.441790576 | 0.441790576 | 0.812685561 | 0.279808246 | 0.279808246 |
| ## | 22722       | 22725       | 22733       | 22737       | 22743       | 22749       |
| ## | 0.441790576 | 0.441790576 | 0.441790576 | 0.438118413 | 0.223902580 | 0.441790576 |
| ## | 22750       | 22751       | 22753       | 22773       | 22775       | 22778       |
| ## | 0.441790576 | 0.441790576 | 0.441790576 | 0.738138446 | 0.335011049 | 0.335011049 |
| ## | 22788       | 22789       | 22790       | 22807       | 22809       | 22813       |
| ## | 0.331699037 | 0.331699037 | 0.331699037 | 0.335011049 | 0.335011049 | 0.734162838 |
| ## | 22821       | 22824       | 22834       | 22838       | 22843       | 22846       |
| ## | 0.218086066 | 0.218086066 | 0.219956277 | 0.586597111 | 0.223118271 | 0.119338119 |
| ## | 22850       | 22853       | 22860       | 22864       | 22873       | 22879       |
| ## | 0.119338119 | 0.216327415 | 0.230210177 | 0.227579674 | 0.208575789 | 0.270864253 |
| ## | 22880       | 22888       | 22889       | 22895       | 22900       | 22911       |
| ## | 0.270864253 | 0.296211735 | 0.299328114 | 0.196726167 | 0.730161464 | 0.732253401 |
| ## | 22920       | 22923       | 22925       | 22927       | 22929       | 22935       |
| ## | 0.329538772 | 0.441790576 | 0.811059900 | 0.799679319 | 0.279808246 | 0.441790576 |
| ## | 22936       | 22937       | 22943       | 22952       | 22959       | 22964       |
| ## | 0.438118413 | 0.441790576 | 0.812685561 | 0.799679319 | 0.279808246 | 0.441790576 |
| ## | 22969       | 22974       | 22982       | 22984       | 23006       | 23010       |
| ## | 0.799679319 | 0.438118413 | 0.804896474 | 0.799679319 | 0.188443331 | 0.219332158 |
| ## | 23020       | 23025       | 23029       | 23030       | 23032       | 23037       |
| ## | 0.221894718 | 0.188443331 | 0.188443331 | 0.186174653 | 0.188443331 | 0.122800481 |
| ## | 23039       | 23041       | 23048       | 23050       | 23056       | 23059       |
| ## | 0.219332158 | 0.221894718 | 0.221894718 | 0.122800481 | 0.091197896 | 0.234892851 |
| ## | 23062       | 23079       | 23082       | 23084       | 23090       | 23096       |
| ## | 0.237581885 | 0.234892851 | 0.132676581 | 0.234892851 | 0.234892851 | 0.234892851 |
| ## | 23102       | 23119       | 23123       | 23126       | 23127       | 23132       |
| ## | 0.102004188 | 0.234892851 | 0.611163787 | 0.611163787 | 0.611163787 | 0.435533839 |
| ## | 23134       | 23138       | 23139       | 23141       | 23155       | 23157       |
| ## | 0.611163787 | 0.132676581 | 0.132676581 | 0.234892851 | 0.094047996 | 0.190072309 |
| ## | 23158       | 23161       | 23162       | 23163       | 23171       | 23174       |
| ## | 0.190072309 | 0.563729973 | 0.173472146 | 0.149244880 | 0.116143769 | 0.176929422 |
| ## | 23183       | 23185       | 23186       | 23190       | 23192       | 23195       |
| ## | 0.166656409 | 0.115880869 | 0.104852310 | 0.107359860 | 0.194444381 | 0.194444381 |
| ## | 23202       | 23204       | 23205       | 23207       | 23210       | 23223       |
| ## | 0.104606378 | 0.206623090 | 0.206623090 | 0.114861899 | 0.206623090 | 0.206623090 |
| ## | 23226       | 23227       | 23237       | 23242       | 23244       | 23246       |
| ## | 0.206623090 | 0.209076931 | 0.468333517 | 0.221894718 | 0.219332158 | 0.122800481 |
| ## | 23247       | 23256       | 23261       | 23264       | 23266       | 23274       |
| ## | 0.606813286 | 0.611163787 | 0.132676581 | 0.132676581 | 0.234892851 | 0.237581885 |
| ## | 23285       | 23291       | 23293       | 23300       | 23302       | 23306       |
| ## | 0.132676581 | 0.234892851 | 0.132676581 | 0.234892851 | 0.132676581 | 0.132676581 |
| ## | 23307       | 23310       | 23318       | 23322       | 23326       | 23334       |
| ## | 0.132676581 | 0.132676581 | 0.234892851 | 0.132676581 | 0.132676581 | 0.199477414 |
| ## | 23336       | 23340       | 23341       | 23347       | 23348       | 23350       |
| ## | 0.207411286 | 0.191614333 | 0.191614333 | 0.169542730 | 0.405529577 | 0.169529825 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 23365       | 23369       | 23372       | 23374       | 23375       | 23383       |
| ## | 0.137687477 | 0.135927507 | 0.295182555 | 0.183322936 | 0.136811584 | 0.298071241 |
| ## | 23393       | 23402       | 23409       | 23415       | 23432       | 23433       |
| ## | 0.281834936 | 0.278983910 | 0.161634249 | 0.281991662 | 0.278983910 | 0.161634249 |
| ## | 23438       | 23443       | 23445       | 23450       | 23454       | 23458       |
| ## | 0.281991662 | 0.278983910 | 0.278983910 | 0.161634249 | 0.671830958 | 0.148096991 |
| ## | 23463       | 23469       | 23470       | 23476       | 23480       | 23492       |
| ## | 0.260676026 | 0.158087244 | 0.199854188 | 0.177950710 | 0.298071241 | 0.229526194 |
| ## | 23494       | 23502       | 23504       | 23505       | 23514       | 23519       |
| ## | 0.281834936 | 0.161634249 | 0.281991662 | 0.278983910 | 0.278983910 | 0.281991662 |
| ## | 23521       | 23522       | 23527       | 23528       | 23530       | 23531       |
| ## | 0.278983910 | 0.278983910 | 0.278983910 | 0.281991662 | 0.278983910 | 0.161634249 |
| ## | 23533       | 23539       | 23546       | 23548       | 23551       | 23556       |
| ## | 0.278983910 | 0.161634249 | 0.701978634 | 0.209290135 | 0.346921559 | 0.350305896 |
| ## | 23558       | 23559       | 23560       | 23562       | 23563       | 23574       |
| ## | 0.350305896 | 0.350305896 | 0.350305896 | 0.346921559 | 0.350305896 | 0.346921559 |
| ## | 23592       | 23593       | 23594       | 23597       | 23616       | 23618       |
| ## | 0.350305896 | 0.209290135 | 0.346921559 | 0.346921559 | 0.131488629 | 0.235709907 |
| ## | 23624       | 23629       | 23634       | 23635       | 23638       | 23640       |
| ## | 0.131488629 | 0.131488629 | 0.140247980 | 0.137890876 | 0.240224494 | 0.203825809 |
| ## | 23644       | 23651       | 23653       | 23659       | 23661       | 23669       |
| ## | 0.209923277 | 0.108646861 | 0.121479372 | 0.143199303 | 0.223903439 | 0.143610860 |
| ## | 23671       | 23676       | 23678       | 23685       | 23688       | 23694       |
| ## | 0.129702283 | 0.127329253 | 0.135905036 | 0.253980735 | 0.105181153 | 0.220520369 |
| ## | 23696       | 23703       | 23709       | 23713       | 23714       | 23721       |
| ## | 0.258303604 | 0.112648073 | 0.193986429 | 0.152802313 | 0.152802313 | 0.172115973 |
| ## | 23722       | 23729       | 23735       | 23737       | 23739       | 23748       |
| ## | 0.222855143 | 0.172115973 | 0.181372991 | 0.235709907 | 0.233035585 | 0.350305896 |
| ## | 23752       | 23760       | 23762       | 23763       | 23764       | 23770       |
| ## | 0.350305896 | 0.346921559 | 0.350305896 | 0.350305896 | 0.346921559 | 0.350305896 |
| ## | 23774       | 23775       | 23781       | 23783       | 23794       | 23796       |
| ## | 0.350305896 | 0.350305896 | 0.346921559 | 0.346921559 | 0.346921559 | 0.346921559 |
| ## | 23800       | 23815       | 23816       | 23819       | 23824       | 23829       |
| ## | 0.350305896 | 0.233035585 | 0.131488629 | 0.233035585 | 0.131488629 | 0.131451950 |
| ## | 23833       | 23836       | 23855       | 23856       | 23880       | 23881       |
| ## | 0.100692231 | 0.536091159 | 0.191435340 | 0.100259870 | 0.122018451 | 0.064763070 |
| ## | 23890       | 23891       | 23894       | 23895       | 23896       | 23901       |
| ## | 0.166448064 | 0.164390550 | 0.166121530 | 0.164067258 | 0.471904170 | 0.420945561 |
| ## | 23906       | 23910       | 23911       | 23919       | 23923       | 23926       |
| ## | 0.117083136 | 0.106589531 | 0.106589531 | 0.256028660 | 0.253200177 | 0.253200177 |
| ## | 23927       | 23941       | 23942       | 23943       | 23958       | 23960       |
| ## | 0.253200177 | 0.083749311 | 0.488871667 | 0.157411687 | 0.634478066 | 0.143100751 |
| ## | 23965       | 23966       | 23969       | 23971       | 23980       | 23985       |
| ## | 0.143100751 | 0.251023630 | 0.143100751 | 0.143100751 | 0.251023630 | 0.110325021 |
| ## | 23994       | 23998       | 24002       | 24009       | 24010       | 24020       |
| ## | 0.253200177 | 0.256028660 | 0.253200177 | 0.253200177 | 0.143100751 | 0.457209462 |
| ## | 24023       | 24025       | 24026       | 24030       | 24032       | 24039       |
| ## | 0.143100751 | 0.143100751 | 0.648523053 | 0.104895686 | 0.080052943 | 0.040093076 |
| ## | 24045       | 24067       | 24069       | 24070       | 24071       | 24081       |
| ## | 0.107107119 | 0.174784034 | 0.149189302 | 0.186044250 | 0.148393326 | 0.183404211 |
| ## | 24090       | 24100       | 24101       | 24103       | 24104       | 24111       |
| ## | 0.181182656 | 0.491254576 | 0.487530355 | 0.176123481 | 0.515108042 | 0.099654272 |
| ## | 24114       | 24116       | 24125       | 24126       | 24127       | 24132       |
| ## | 0.351880088 | 0.361519292 | 0.120477663 | 0.482729207 | 0.059804143 | 0.086430842 |

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| ## | 24135       | 24137       | 24138       | 24139       | 24145       | 24162       |
| ## | 0.487932486 | 0.343631883 | 0.076888824 | 0.489946756 | 0.159975827 | 0.091030160 |
| ## | 24163       | 24166       | 24168       | 24173       | 24179       | 24180       |
| ## | 0.167352227 | 0.167352227 | 0.167352227 | 0.167352227 | 0.170812841 | 0.539156804 |
| ## | 24181       | 24186       | 24189       | 24190       | 24196       | 24197       |
| ## | 0.062982406 | 0.195111600 | 0.197462757 | 0.195111600 | 0.195111600 | 0.378586193 |
| ## | 24199       | 24201       | 24203       | 24206       | 24211       | 24214       |
| ## | 0.195111600 | 0.195111600 | 0.197462757 | 0.195111600 | 0.084220054 | 0.181761146 |
| ## | 24219       | 24221       | 24224       | 24225       | 24228       | 24232       |
| ## | 0.371674277 | 0.157009992 | 0.053725429 | 0.111581487 | 0.150259128 | 0.159573692 |
| ## | 24235       | 24236       | 24238       | 24240       | 24257       | 24270       |
| ## | 0.086430842 | 0.158895523 | 0.158895523 | 0.047094619 | 0.159975827 | 0.507145323 |
| ## | 24272       | 24276       | 24279       | 24283       | 24287       | 24288       |
| ## | 0.536738599 | 0.167352227 | 0.117852207 | 0.093957147 | 0.152524544 | 0.152524544 |
| ## | 24294       | 24297       | 24316       | 24320       | 24323       | 24334       |
| ## | 0.058631255 | 0.052158608 | 0.092226809 | 0.140919855 | 0.554717975 | 0.209648439 |
| ## | 24343       | 24346       | 24350       | 24355       | 24361       | 24363       |
| ## | 0.182568381 | 0.109362751 | 0.207357370 | 0.578452997 | 0.208390320 | 0.205942439 |
| ## | 24374       | 24385       | 24389       | 24393       | 24394       | 24400       |
| ## | 0.204813161 | 0.186638377 | 0.186638377 | 0.557112385 | 0.188911393 | 0.199214076 |
| ## | 24403       | 24407       | 24417       | 24421       | 24429       | 24430       |
| ## | 0.564603829 | 0.199214076 | 0.170516157 | 0.098457485 | 0.108364474 | 0.091994175 |
| ## | 24436       | 24437       | 24439       | 24440       | 24443       | 24469       |
| ## | 0.574343869 | 0.576943883 | 0.140280935 | 0.076489755 | 0.109399554 | 0.142561190 |
| ## | 24470       | 24480       | 24485       | 24488       | 24491       | 24492       |
| ## | 0.352885515 | 0.063359709 | 0.204330849 | 0.155465077 | 0.343456553 | 0.204330849 |
| ## | 24498       | 24500       | 24501       | 24503       | 24510       | 24511       |
| ## | 0.204330849 | 0.343456553 | 0.160152073 | 0.340103749 | 0.674711241 | 0.273657916 |
| ## | 24516       | 24517       | 24533       | 24537       | 24541       | 24545       |
| ## | 0.695489937 | 0.610967801 | 0.316425012 | 0.263994807 | 0.299163109 | 0.299163109 |
| ## | 24548       | 24549       | 24551       | 24553       | 24561       | 24570       |
| ## | 0.223393625 | 0.223393625 | 0.719535453 | 0.570186161 | 0.092197037 | 0.182979292 |
| ## | 24574       | 24580       | 24583       | 24588       | 24589       | 24593       |
| ## | 0.310093890 | 0.310093890 | 0.720613263 | 0.142589675 | 0.599636440 | 0.277666778 |
| ## | 24594       | 24596       | 24597       | 24609       | 24618       | 24625       |
| ## | 0.664775694 | 0.198113097 | 0.086711569 | 0.304727195 | 0.314066585 | 0.159781798 |
| ## | 24626       | 24628       | 24631       | 24637       | 24641       | 24643       |
| ## | 0.615822594 | 0.219184320 | 0.616982485 | 0.647703298 | 0.340103749 | 0.343456553 |
| ## | 24645       | 24648       | 24650       | 24651       | 24655       | 24656       |
| ## | 0.748174110 | 0.340103749 | 0.593241774 | 0.340103749 | 0.340103749 | 0.204330849 |
| ## | 24662       | 24665       | 24670       | 24676       | 24680       | 24681       |
| ## | 0.674711241 | 0.662608276 | 0.610967801 | 0.259717183 | 0.309777806 | 0.306600239 |
| ## | 24689       | 24699       | 24701       | 24708       | 24718       | 24719       |
| ## | 0.319657461 | 0.299163109 | 0.286882019 | 0.308951107 | 0.266900779 | 0.266900779 |
| ## | 24721       | 24739       | 24744       | 24747       | 24750       | 24762       |
| ## | 0.065131551 | 0.714364556 | 0.310093890 | 0.650895539 | 0.707096108 | 0.590840936 |
| ## | 24772       | 24774       | 24783       | 24787       | 24799       | 24802       |
| ## | 0.172257369 | 0.170142702 | 0.403767561 | 0.111379129 | 0.170117471 | 0.120030135 |
| ## | 24808       | 24819       | 24821       | 24826       | 24828       | 24831       |
| ## | 0.151041599 | 0.084651700 | 0.057063452 | 0.202618630 | 0.224537959 | 0.199031329 |
| ## | 24833       | 24838       | 24839       | 24842       | 24843       | 24844       |
| ## | 0.204700694 | 0.225548327 | 0.228162287 | 0.576129927 | 0.206824261 | 0.204390026 |
| ## | 24847       | 24848       | 24852       | 24862       | 24865       | 24866       |
| ## | 0.204390026 | 0.203197777 | 0.327879295 | 0.327879295 | 0.327879295 | 0.327879295 |

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| ## | 24874       | 24878       | 24879       | 24888       | 24890       | 24897       |
| ## | 0.327879295 | 0.331172068 | 0.195540443 | 0.331172068 | 0.327879295 | 0.331172068 |
| ## | 24906       | 24907       | 24909       | 24910       | 24914       | 24924       |
| ## | 0.210577580 | 0.210577580 | 0.220736809 | 0.218183872 | 0.215655542 | 0.602177882 |
| ## | 24925       | 24937       | 24955       | 24959       | 24961       | 24987       |
| ## | 0.215655542 | 0.213045144 | 0.210577580 | 0.218183872 | 0.218183872 | 0.327879295 |
| ## | 24988       | 24991       | 25000       | 25001       | 25003       | 25022       |
| ## | 0.195540443 | 0.195540443 | 0.725279514 | 0.327879295 | 0.720751599 | 0.195540443 |
| ## | 25023       | 25025       | 25026       | 25030       | 25034       | 25035       |
| ## | 0.331172068 | 0.327879295 | 0.327879295 | 0.331172068 | 0.730776361 | 0.327879295 |
| ## | 25039       | 25046       | 25051       | 25055       | 25059       | 25074       |
| ## | 0.331172068 | 0.746103976 | 0.313874458 | 0.305645779 | 0.345604389 | 0.345804113 |
| ## | 25077       | 25082       | 25083       | 25085       | 25086       | 25087       |
| ## | 0.242021383 | 0.340446480 | 0.255880506 | 0.727126154 | 0.327092820 | 0.323820970 |
| ## | 25107       | 25112       | 25116       | 25117       | 25120       | 25124       |
| ## | 0.740957366 | 0.333327475 | 0.311030113 | 0.307845429 | 0.307845429 | 0.322451405 |
| ## | 25139       | 25144       | 25156       | 25159       | 25161       | 25171       |
| ## | 0.354907352 | 0.330673569 | 0.331944710 | 0.321976792 | 0.334459869 | 0.188509101 |
| ## | 25172       | 25177       | 25186       | 25187       | 25191       | 25199       |
| ## | 0.192650633 | 0.319708803 | 0.183958192 | 0.314698823 | 0.183958192 | 0.475841883 |
| ## | 25202       | 25203       | 25208       | 25227       | 25229       | 25232       |
| ## | 0.833273339 | 0.475841883 | 0.475841883 | 0.479560371 | 0.475841883 | 0.479560371 |
| ## | 25235       | 25241       | 25245       | 25250       | 25254       | 25255       |
| ## | 0.479560371 | 0.479560371 | 0.479560371 | 0.479560371 | 0.479560371 | 0.479560371 |
| ## | 25264       | 25270       | 25287       | 25299       | 25300       | 25303       |
| ## | 0.479560371 | 0.311456497 | 0.479560371 | 0.479560371 | 0.479560371 | 0.479560371 |
| ## | 25305       | 25310       | 25313       | 25315       | 25318       | 25322       |
| ## | 0.479560371 | 0.479560371 | 0.475841883 | 0.479560371 | 0.479560371 | 0.479560371 |
| ## | 25325       | 25331       | 25335       | 25346       | 25352       | 25360       |
| ## | 0.479560371 | 0.311456497 | 0.244855510 | 0.311456497 | 0.475841883 | 0.479560371 |
| ## | 25370       | 25372       | 25378       | 25380       | 25384       | 25387       |
| ## | 0.479560371 | 0.475841883 | 0.475841883 | 0.479560371 | 0.475841883 | 0.311456497 |
| ## | 25389       | 25398       | 25404       | 25411       | 25412       | 25427       |
| ## | 0.479560371 | 0.475841883 | 0.475841883 | 0.336255995 | 0.332937837 | 0.349182217 |
| ## | 25430       | 25433       | 25445       | 25453       | 25461       | 25472       |
| ## | 0.721766397 | 0.315188255 | 0.340867370 | 0.342574417 | 0.307842815 | 0.327413599 |
| ## | 25482       | 25483       | 25487       | 25490       | 25491       | 25505       |
| ## | 0.721438840 | 0.319927758 | 0.323179073 | 0.323237014 | 0.323237014 | 0.322887830 |
| ## | 25509       | 25516       | 25523       | 25524       | 25526       | 25527       |
| ## | 0.315881972 | 0.327553564 | 0.583912318 | 0.210483048 | 0.346649638 | 0.195601045 |
| ## | 25528       | 25531       | 25532       | 25534       | 25536       | 25543       |
| ## | 0.331257396 | 0.327964191 | 0.332476274 | 0.351944816 | 0.348553141 | 0.336884699 |
| ## | 25551       | 25558       | 25562       | 25565       | 25566       | 25570       |
| ## | 0.345364809 | 0.741030843 | 0.741030843 | 0.342003080 | 0.342003080 | 0.205708310 |
| ## | 25586       | 25588       | 25589       | 25599       | 25600       | 25602       |
| ## | 0.320237653 | 0.317002070 | 0.317002070 | 0.730212149 | 0.338432791 | 0.228859584 |
| ## | 25611       | 25614       | 25615       | 25625       | 25644       | 25647       |
| ## | 0.344254995 | 0.344254995 | 0.347627164 | 0.344254995 | 0.445133866 | 0.815381107 |
| ## | 25655       | 25659       | 25669       | 25684       | 25690       | 25693       |
| ## | 0.448817861 | 0.228885158 | 0.445133866 | 0.448817861 | 0.445133866 | 0.448817861 |
| ## | 25697       | 25698       | 25701       | 25704       | 25705       | 25718       |
| ## | 0.285577131 | 0.245460430 | 0.386905434 | 0.386905434 | 0.239221937 | 0.239221937 |
| ## | 25722       | 25738       | 25739       | 25740       | 25751       | 25759       |
| ## | 0.239221937 | 0.390446629 | 0.390446629 | 0.386905434 | 0.390446629 | 0.386905434 |

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| ## | 25764       | 25765       | 25768       | 25772       | 25776       | 25778       |
| ## | 0.776498207 | 0.390446629 | 0.386905434 | 0.390446629 | 0.239221937 | 0.239221937 |
| ## | 25783       | 25785       | 25786       | 25791       | 25792       | 25797       |
| ## | 0.776498207 | 0.390446629 | 0.390446629 | 0.386905434 | 0.386905434 | 0.390446629 |
| ## | 25800       | 25811       | 25822       | 25825       | 25839       | 25842       |
| ## | 0.183940949 | 0.239221937 | 0.386905434 | 0.386905434 | 0.330658908 | 0.272220221 |
| ## | 25846       | 25854       | 25861       | 25862       | 25863       | 25866       |
| ## | 0.313490780 | 0.314992957 | 0.170625251 | 0.365477180 | 0.368940272 | 0.368940272 |
| ## | 25874       | 25875       | 25876       | 25879       | 25882       | 25883       |
| ## | 0.322221020 | 0.251414492 | 0.238858115 | 0.737225967 | 0.252835686 | 0.252835686 |
| ## | 25884       | 25890       | 25893       | 25902       | 25905       | 25906       |
| ## | 0.643906720 | 0.167523606 | 0.360372551 | 0.339263990 | 0.331946196 | 0.323695178 |
| ## | 25912       | 25914       | 25916       | 25918       | 25925       | 25929       |
| ## | 0.731761727 | 0.334649371 | 0.332304104 | 0.318645886 | 0.292603239 | 0.707789024 |
| ## | 25931       | 25932       | 25936       | 25943       | 25945       | 25947       |
| ## | 0.178242766 | 0.448817861 | 0.445133866 | 0.445133866 | 0.448817861 | 0.228885158 |
| ## | 25950       | 25953       | 25955       | 25957       | 25963       | 25968       |
| ## | 0.448817861 | 0.285577131 | 0.448817861 | 0.448817861 | 0.228885158 | 0.307845429 |
| ## | 25970       | 25971       | 25977       | 25979       | 25983       | 25992       |
| ## | 0.311030113 | 0.311030113 | 0.311030113 | 0.181410168 | 0.723759032 | 0.330839423 |
| ## | 26004       | 26011       | 26014       | 26015       | 26032       | 26036       |
| ## | 0.445133866 | 0.445133866 | 0.445133866 | 0.448817861 | 0.239221937 | 0.386905434 |
| ## | 26046       | 26050       | 26057       | 26058       | 26064       | 26070       |
| ## | 0.325621481 | 0.358080079 | 0.321976792 | 0.337062209 | 0.180605287 | 0.317970169 |
| ## | 26076       | 26082       | 26090       | 26092       | 26095       | 26097       |
| ## | 0.769527717 | 0.239221937 | 0.386905434 | 0.386905434 | 0.390446629 | 0.390446629 |
| ## | 26104       | 26108       | 26112       | 26130       | 26143       | 26153       |
| ## | 0.386905434 | 0.386905434 | 0.323820970 | 0.475841883 | 0.475841883 | 0.390446629 |
| ## | 26179       | 26181       | 26184       | 26190       | 26192       | 26193       |
| ## | 0.390446629 | 0.311456497 | 0.475841883 | 0.475841883 | 0.475841883 | 0.475841883 |
| ## | 26196       | 26203       | 26204       | 26210       | 26212       | 26216       |
| ## | 0.311456497 | 0.833273339 | 0.475841883 | 0.475841883 | 0.479560371 | 0.239221937 |
| ## | 26217       | 26221       | 26231       | 26233       | 26240       | 26243       |
| ## | 0.386905434 | 0.390446629 | 0.386905434 | 0.386905434 | 0.390446629 | 0.386905434 |
| ## | 26248       | 26253       | 26257       | 26262       | 26268       | 26280       |
| ## | 0.386905434 | 0.479560371 | 0.475841883 | 0.475841883 | 0.475841883 | 0.311456497 |
| ## | 26285       | 26290       | 26298       | 26299       | 26300       | 26317       |
| ## | 0.251435125 | 0.386905434 | 0.386905434 | 0.239221937 | 0.386905434 | 0.330658908 |
| ## | 26328       | 26335       | 26336       | 26337       | 26342       | 26345       |
| ## | 0.479560371 | 0.479560371 | 0.479560371 | 0.475841883 | 0.479560371 | 0.475841883 |
| ## | 26358       | 26362       | 26370       | 26376       | 26380       | 26389       |
| ## | 0.475841883 | 0.125904947 | 0.317335759 | 0.329351123 | 0.349701235 | 0.368940272 |
| ## | 26394       | 26396       | 26413       | 26417       | 26419       | 26425       |
| ## | 0.311456497 | 0.475841883 | 0.475841883 | 0.479560371 | 0.311456497 | 0.479560371 |
| ## | 26429       | 26430       | 26431       | 26432       | 26436       | 26437       |
| ## | 0.475841883 | 0.318974801 | 0.360372551 | 0.360372551 | 0.360372551 | 0.360372551 |
| ## | 26445       | 26449       | 26451       | 26453       | 26461       | 26465       |
| ## | 0.342407419 | 0.342612814 | 0.317123584 | 0.317123584 | 0.331339153 | 0.475841883 |
| ## | 26471       | 26481       | 26487       | 26493       | 26496       | 26498       |
| ## | 0.475841883 | 0.479560371 | 0.475841883 | 0.311456497 | 0.475841883 | 0.475841883 |
| ## | 26517       | 26519       | 26520       | 26523       | 26525       | 26540       |
| ## | 0.822938661 | 0.475841883 | 0.475841883 | 0.834746815 | 0.479560371 | 0.479560371 |
| ## | 26542       | 26547       | 26548       | 26555       | 26560       | 26583       |
| ## | 0.479560371 | 0.317335759 | 0.332937837 | 0.325033915 | 0.347674290 | 0.634508286 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 26590       | 26596       | 26598       | 26603       | 26606       | 26611       |
| ## | 0.342574417 | 0.255496723 | 0.207726715 | 0.191729828 | 0.677079304 | 0.324226989 |
| ## | 26617       | 26618       | 26622       | 26639       | 26645       | 26651       |
| ## | 0.332651360 | 0.195208119 | 0.311669652 | 0.348553141 | 0.351944816 | 0.327413599 |
| ## | 26657       | 26660       | 26665       | 26668       | 26673       | 26697       |
| ## | 0.342003080 | 0.342003080 | 0.345364809 | 0.342003080 | 0.741030843 | 0.317002070 |
| ## | 26699       | 26705       | 26712       | 26720       | 26723       | 26726       |
| ## | 0.342093005 | 0.301168814 | 0.324721365 | 0.735283344 | 0.344254995 | 0.206025878 |
| ## | 26727       | 26732       | 26738       | 26742       | 26744       | 26751       |
| ## | 0.342440345 | 0.280214717 | 0.258728557 | 0.327092820 | 0.327092820 | 0.198830873 |
| ## | 26752       | 26759       | 26765       | 26766       | 26779       | 26785       |
| ## | 0.332476274 | 0.162648234 | 0.207345588 | 0.347627164 | 0.328432113 | 0.337646018 |
| ## | 26792       | 26795       | 26797       | 26800       | 26805       | 26807       |
| ## | 0.285577131 | 0.235428590 | 0.235428590 | 0.133019720 | 0.238121849 | 0.106548549 |
| ## | 26810       | 26812       | 26813       | 26830       | 26835       | 26840       |
| ## | 0.106548549 | 0.193117352 | 0.407204337 | 0.609709408 | 0.227955043 | 0.189619108 |
| ## | 26848       | 26854       | 26857       | 26859       | 26862       | 26870       |
| ## | 0.137135159 | 0.195464811 | 0.107984540 | 0.195464811 | 0.195464811 | 0.054378840 |
| ## | 26874       | 26891       | 26898       | 26910       | 26913       | 26918       |
| ## | 0.135648929 | 0.235428590 | 0.135639468 | 0.195450313 | 0.195450313 | 0.193117352 |
| ## | 26920       | 26928       | 26931       | 26933       | 26939       | 26953       |
| ## | 0.189495755 | 0.205345265 | 0.227955043 | 0.227955043 | 0.112019465 | 0.189684025 |
| ## | 26955       | 26958       | 26967       | 26973       | 26978       | 26989       |
| ## | 0.142446778 | 0.194966551 | 0.583620624 | 0.578170045 | 0.194749546 | 0.137480843 |
| ## | 26990       | 27000       | 27001       | 27023       | 27026       | 27032       |
| ## | 0.129354476 | 0.133520438 | 0.133520438 | 0.108919173 | 0.423829294 | 0.189256592 |
| ## | 27038       | 27069       | 27078       | 27080       | 27081       | 27083       |
| ## | 0.058672898 | 0.349007014 | 0.052542011 | 0.554991552 | 0.105105927 | 0.155152643 |
| ## | 27085       | 27088       | 27089       | 27097       | 27100       | 27101       |
| ## | 0.083834101 | 0.157116275 | 0.133539111 | 0.175187452 | 0.161984788 | 0.164870934 |
| ## | 27108       | 27112       | 27114       | 27126       | 27134       | 27136       |
| ## | 0.195945307 | 0.169683829 | 0.171793973 | 0.387740452 | 0.157598929 | 0.092896719 |
| ## | 27138       | 27145       | 27148       | 27152       | 27162       | 27164       |
| ## | 0.083902387 | 0.093967466 | 0.396599497 | 0.173427862 | 0.507836310 | 0.097004635 |
| ## | 27165       | 27168       | 27174       | 27176       | 27182       | 27183       |
| ## | 0.097004635 | 0.097004635 | 0.097004635 | 0.154659534 | 0.164290948 | 0.477257135 |
| ## | 27186       | 27192       | 27194       | 27195       | 27198       | 27206       |
| ## | 0.163623866 | 0.092198652 | 0.092198652 | 0.172977613 | 0.174074726 | 0.173959314 |
| ## | 27230       | 27231       | 27252       | 27255       | 27261       | 27265       |
| ## | 0.154659534 | 0.152721043 | 0.146447627 | 0.078757478 | 0.120508749 | 0.120508749 |
| ## | 27273       | 27277       | 27283       | 27287       | 27305       | 27308       |
| ## | 0.078757478 | 0.148320429 | 0.146447627 | 0.146447627 | 0.112325329 | 0.126750202 |
| ## | 27312       | 27313       | 27315       | 27326       | 27334       | 27335       |
| ## | 0.128409004 | 0.443614761 | 0.359302325 | 0.565568853 | 0.193910076 | 0.196250285 |
| ## | 27340       | 27344       | 27368       | 27371       | 27375       | 27377       |
| ## | 0.093962861 | 0.197326889 | 0.196493565 | 0.158004357 | 0.195797040 | 0.195797040 |
| ## | 27378       | 27383       | 27398       | 27399       | 27403       | 27409       |
| ## | 0.078912908 | 0.193910076 | 0.197326889 | 0.197326889 | 0.197326889 | 0.197789885 |
| ## | 27429       | 27430       | 27433       | 27435       | 27439       | 27445       |
| ## | 0.116268407 | 0.568521708 | 0.559296771 | 0.193460936 | 0.263211620 | 0.266112088 |
| ## | 27449       | 27454       | 27457       | 27469       | 27472       | 27474       |
| ## | 0.263211620 | 0.266112088 | 0.116746486 | 0.266112088 | 0.266112088 | 0.263211620 |
| ## | 27475       | 27485       | 27488       | 27497       | 27502       | 27503       |
| ## | 0.263211620 | 0.263211620 | 0.662928355 | 0.266112088 | 0.266112088 | 0.263211620 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 27505       | 27507       | 27510       | 27511       | 27515       | 27518       |
| ## | 0.263211620 | 0.151105913 | 0.662928355 | 0.266112088 | 0.266112088 | 0.151105913 |
| ## | 27520       | 27526       | 27536       | 27537       | 27541       | 27551       |
| ## | 0.263211620 | 0.263211620 | 0.662928355 | 0.662928355 | 0.151105913 | 0.266112088 |
| ## | 27552       | 27556       | 27557       | 27568       | 27578       | 27579       |
| ## | 0.266112088 | 0.151105913 | 0.151105913 | 0.266112088 | 0.266112088 | 0.151105913 |
| ## | 27580       | 27584       | 27585       | 27599       | 27600       | 27601       |
| ## | 0.263211620 | 0.105042454 | 0.144381045 | 0.412844668 | 0.412844668 | 0.433163973 |
| ## | 27607       | 27613       | 27615       | 27617       | 27619       | 27626       |
| ## | 0.150148756 | 0.125247703 | 0.152060457 | 0.160451526 | 0.160451526 | 0.128955865 |
| ## | 27629       | 27637       | 27639       | 27640       | 27641       | 27646       |
| ## | 0.072905584 | 0.157660043 | 0.084149565 | 0.503766811 | 0.157660043 | 0.157660043 |
| ## | 27649       | 27651       | 27652       | 27657       | 27659       | 27660       |
| ## | 0.147982398 | 0.102457430 | 0.076364333 | 0.126567973 | 0.128224741 | 0.128224741 |
| ## | 27662       | 27675       | 27677       | 27683       | 27689       | 27694       |
| ## | 0.109146261 | 0.086569471 | 0.161820393 | 0.080732710 | 0.099238392 | 0.086947936 |
| ## | 27695       | 27699       | 27700       | 27702       | 27708       | 27715       |
| ## | 0.086947936 | 0.131675966 | 0.305119453 | 0.030634974 | 0.181972535 | 0.122554471 |
| ## | 27724       | 27725       | 27727       | 27731       | 27733       | 27748       |
| ## | 0.202791146 | 0.216339733 | 0.216773370 | 0.186418899 | 0.561809597 | 0.468198517 |
| ## | 27754       | 27756       | 27764       | 27766       | 27767       | 27773       |
| ## | 0.191846383 | 0.222087264 | 0.230434183 | 0.138574898 | 0.183194420 | 0.635042609 |
| ## | 27776       | 27786       | 27792       | 27793       | 27794       | 27796       |
| ## | 0.212510553 | 0.579092237 | 0.610716113 | 0.601761375 | 0.610716113 | 0.154735852 |
| ## | 27799       | 27809       | 27815       | 27822       | 27825       | 27830       |
| ## | 0.154535924 | 0.271318295 | 0.154535924 | 0.268381834 | 0.268381834 | 0.268381834 |
| ## | 27833       | 27834       | 27837       | 27850       | 27851       | 27855       |
| ## | 0.268381834 | 0.268381834 | 0.268381834 | 0.268381834 | 0.268381834 | 0.271318295 |
| ## | 27856       | 27857       | 27859       | 27864       | 27874       | 27884       |
| ## | 0.268381834 | 0.154535924 | 0.268381834 | 0.271318295 | 0.154535924 | 0.147786467 |
| ## | 27896       | 27908       | 27915       | 27917       | 27918       | 27924       |
| ## | 0.199499000 | 0.225901099 | 0.143222548 | 0.085587556 | 0.149792932 | 0.188212038 |
| ## | 27928       | 27932       | 27933       | 27942       | 27945       | 27947       |
| ## | 0.229133917 | 0.219523108 | 0.239270889 | 0.268381834 | 0.154535924 | 0.268381834 |
| ## | 27961       | 27965       | 27973       | 27974       | 27978       | 27979       |
| ## | 0.154535924 | 0.268381834 | 0.271318295 | 0.271318295 | 0.268381834 | 0.271318295 |
| ## | 27980       | 27982       | 27985       | 27987       | 27990       | 27997       |
| ## | 0.268381834 | 0.268381834 | 0.268381834 | 0.268381834 | 0.268381834 | 0.268381834 |
| ## | 27998       | 28004       | 28007       | 28010       | 28012       | 28014       |
| ## | 0.268381834 | 0.268381834 | 0.271318295 | 0.154535924 | 0.271318295 | 0.271318295 |
| ## | 28020       | 28027       | 28038       | 28041       | 28042       | 28043       |
| ## | 0.207350187 | 0.577634253 | 0.105850236 | 0.096350723 | 0.540328120 | 0.096350723 |
| ## | 28050       | 28054       | 28055       | 28069       | 28075       | 28081       |
| ## | 0.176268626 | 0.540328120 | 0.178443058 | 0.577571854 | 0.201687306 | 0.577571854 |
| ## | 28082       | 28091       | 28095       | 28096       | 28104       | 28108       |
| ## | 0.110337671 | 0.110337671 | 0.199298340 | 0.199298340 | 0.201687306 | 0.201687306 |
| ## | 28115       | 28117       | 28135       | 28144       | 28148       | 28150       |
| ## | 0.201687306 | 0.201687306 | 0.108996084 | 0.186192993 | 0.451875882 | 0.576269823 |
| ## | 28151       | 28152       | 28159       | 28161       | 28162       | 28163       |
| ## | 0.196411028 | 0.198773976 | 0.572626529 | 0.198773976 | 0.196411028 | 0.082933305 |
| ## | 28167       | 28168       | 28169       | 28172       | 28182       | 28190       |
| ## | 0.196411028 | 0.573668727 | 0.196411028 | 0.196411028 | 0.196411028 | 0.180373919 |
| ## | 28191       | 28193       | 28206       | 28207       | 28209       | 28214       |
| ## | 0.098818016 | 0.098818016 | 0.450716181 | 0.447534857 | 0.144089447 | 0.375430099 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 28218       | 28219       | 28230       | 28231       | 28236       | 28240       |
| ## | 0.162697895 | 0.519506997 | 0.194296052 | 0.191973581 | 0.552829356 | 0.201687306 |
| ## | 28248       | 28250       | 28252       | 28254       | 28263       | 28267       |
| ## | 0.580705926 | 0.580705926 | 0.110337671 | 0.580705926 | 0.201687306 | 0.201687306 |
| ## | 28268       | 28269       | 28271       | 28277       | 28279       | 28280       |
| ## | 0.201687306 | 0.110337671 | 0.568393515 | 0.110337671 | 0.201687306 | 0.201687306 |
| ## | 28290       | 28297       | 28298       | 28302       | 28304       | 28305       |
| ## | 0.110337671 | 0.130352223 | 0.108996084 | 0.510898612 | 0.182199781 | 0.098586565 |
| ## | 28312       | 28315       | 28316       | 28318       | 28327       | 28340       |
| ## | 0.549819029 | 0.108996084 | 0.167802362 | 0.169893897 | 0.186192993 | 0.576269823 |
| ## | 28362       | 28364       | 28365       | 28373       | 28376       | 28392       |
| ## | 0.198773976 | 0.196411028 | 0.108564422 | 0.108564422 | 0.160827891 | 0.144633468 |
| ## | 28394       | 28395       | 28403       | 28412       | 28413       | 28417       |
| ## | 0.127125322 | 0.125480715 | 0.184632292 | 0.202519014 | 0.202519014 | 0.112322403 |
| ## | 28418       | 28420       | 28430       | 28437       | 28440       | 28441       |
| ## | 0.202519014 | 0.202519014 | 0.204936705 | 0.202519014 | 0.204936705 | 0.144633468 |
| ## | 28454       | 28458       | 28466       | 28467       | 28477       | 28482       |
| ## | 0.099424820 | 0.177031115 | 0.099530859 | 0.056534640 | 0.120583160 | 0.178341298 |
| ## | 28489       | 28495       | 28501       | 28503       | 28507       | 28517       |
| ## | 0.477636631 | 0.142954205 | 0.204571153 | 0.207006984 | 0.113590757 | 0.135281486 |
| ## | 28518       | 28524       | 28526       | 28534       | 28537       | 28538       |
| ## | 0.135281486 | 0.102512169 | 0.130937477 | 0.122691681 | 0.071555120 | 0.286598651 |
| ## | 28541       | 28546       | 28547       | 28549       | 28558       | 28570       |
| ## | 0.128868348 | 0.194358173 | 0.192035137 | 0.203115741 | 0.140142412 | 0.185881204 |
| ## | 28571       | 28572       | 28578       | 28587       | 28589       | 28593       |
| ## | 0.188147132 | 0.134211445 | 0.197741225 | 0.153987157 | 0.121693372 | 0.124304929 |
| ## | 28596       | 28598       | 28603       | 28605       | 28610       | 28614       |
| ## | 0.410070182 | 0.186824635 | 0.372734998 | 0.538299719 | 0.483002705 | 0.091372913 |
| ## | 28618       | 28632       | 28643       | 28644       | 28647       | 28650       |
| ## | 0.191805387 | 0.197696126 | 0.138476911 | 0.107980196 | 0.122026168 | 0.178522343 |
| ## | 28652       | 28656       | 28657       | 28663       | 28668       | 28672       |
| ## | 0.180718478 | 0.193120761 | 0.195453753 | 0.081104239 | 0.137537006 | 0.212163775 |
| ## | 28687       | 28688       | 28699       | 28702       | 28705       | 28713       |
| ## | 0.178059513 | 0.182738268 | 0.553124407 | 0.046467665 | 0.107350480 | 0.113590757 |
| ## | 28715       | 28722       | 28739       | 28755       | 28765       | 28767       |
| ## | 0.170323016 | 0.131678919 | 0.099530859 | 0.203115741 | 0.111707756 | 0.113195214 |
| ## | 28770       | 28773       | 28777       | 28788       | 28793       | 28797       |
| ## | 0.112532576 | 0.183343300 | 0.098936567 | 0.194126312 | 0.206661892 | 0.136507181 |
| ## | 28815       | 28817       | 28829       | 28840       | 28841       | 28845       |
| ## | 0.124719360 | 0.192917341 | 0.123631899 | 0.209683310 | 0.086560904 | 0.090719057 |
| ## | 28849       | 28852       | 28860       | 28862       | 28863       | 28866       |
| ## | 0.189489665 | 0.104336767 | 0.176550757 | 0.096122982 | 0.182738268 | 0.517015617 |
| ## | 28870       | 28874       | 28878       | 28879       | 28885       | 28887       |
| ## | 0.553124407 | 0.045579503 | 0.054586713 | 0.091627077 | 0.091627077 | 0.091627077 |
| ## | 28889       | 28893       | 28894       | 28901       | 28902       | 28924       |
| ## | 0.168356920 | 0.124496978 | 0.053927976 | 0.060393496 | 0.060393496 | 0.150333364 |
| ## | 28925       | 28931       | 28951       | 28953       | 28970       | 28971       |
| ## | 0.081017650 | 0.471580845 | 0.070296397 | 0.052667303 | 0.481489757 | 0.063772916 |
| ## | 28974       | 28978       | 28985       | 28992       | 28993       | 28994       |
| ## | 0.055298878 | 0.076823515 | 0.056293738 | 0.295645620 | 0.231289885 | 0.076823515 |
| ## | 29003       | 29008       | 29023       | 29024       | 29034       | 29036       |
| ## | 0.295645620 | 0.063875372 | 0.051691283 | 0.249566728 | 0.192816694 | 0.045217457 |
| ## | 29040       | 29047       | 29052       | 29056       | 29058       | 29077       |
| ## | 0.121094613 | 0.076823515 | 0.076823515 | 0.143109681 | 0.076348780 | 0.062217050 |

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| ## | 29081       | 29085       | 29086       | 29094       | 29098       | 29108       |
| ## | 0.028973513 | 0.154552174 | 0.083482373 | 0.091627077 | 0.091627077 | 0.070114749 |
| ## | 29110       | 29119       | 29122       | 29123       | 29126       | 29131       |
| ## | 0.053747770 | 0.060393496 | 0.060393496 | 0.148007515 | 0.062125821 | 0.081017650 |
| ## | 29145       | 29148       | 29149       | 29160       | 29161       | 29181       |
| ## | 0.059439226 | 0.150333364 | 0.081017650 | 0.141836890 | 0.141836890 | 0.075159984 |
| ## | 29186       | 29194       | 29196       | 29199       | 29209       | 29232       |
| ## | 0.075159984 | 0.140228823 | 0.140228823 | 0.075159984 | 0.152314034 | 0.138322319 |
| ## | 29233       | 29238       | 29241       | 29244       | 29246       | 29248       |
| ## | 0.138322319 | 0.152314034 | 0.152314034 | 0.152314034 | 0.152314034 | 0.152314034 |
| ## | 29252       | 29257       | 29263       | 29264       | 29267       | 29286       |
| ## | 0.062337264 | 0.151877073 | 0.076087912 | 0.057628542 | 0.076087912 | 0.152314034 |
| ## | 29290       | 29295       | 29296       | 29297       | 29311       | 29316       |
| ## | 0.151877073 | 0.104802024 | 0.104802024 | 0.104802024 | 0.489411224 | 0.160251546 |
| ## | 29318       | 29327       | 29328       | 29334       | 29335       | 29342       |
| ## | 0.073605000 | 0.397500334 | 0.167362940 | 0.091036521 | 0.055342612 | 0.088899922 |
| ## | 29357       | 29369       | 29390       | 29397       | 29399       | 29401       |
| ## | 0.157257886 | 0.169639580 | 0.246044193 | 0.246044193 | 0.158179716 | 0.283740058 |
| ## | 29411       | 29412       | 29417       | 29427       | 29428       | 29435       |
| ## | 0.657922115 | 0.407216334 | 0.247409664 | 0.298618261 | 0.257968405 | 0.566782403 |
| ## | 29441       | 29443       | 29447       | 29450       | 29452       | 29456       |
| ## | 0.250005133 | 0.630533985 | 0.208827213 | 0.209246391 | 0.298777801 | 0.200798321 |
| ## | 29464       | 29468       | 29480       | 29481       | 29483       | 29486       |
| ## | 0.683010951 | 0.699055290 | 0.265616695 | 0.369441006 | 0.369441006 | 0.104069379 |
| ## | 29487       | 29492       | 29507       | 29510       | 29514       | 29516       |
| ## | 0.189050112 | 0.641983547 | 0.657803529 | 0.250888260 | 0.639351963 | 0.260063804 |
| ## | 29518       | 29533       | 29564       | 29568       | 29577       | 29580       |
| ## | 0.391425223 | 0.295007987 | 0.190367789 | 0.303836461 | 0.283272618 | 0.283272618 |
| ## | 29584       | 29586       | 29587       | 29593       | 29611       | 29612       |
| ## | 0.281664463 | 0.291617504 | 0.160358603 | 0.694570446 | 0.697710742 | 0.313938685 |
| ## | 29618       | 29633       | 29640       | 29649       | 29653       | 29657       |
| ## | 0.309456861 | 0.265616695 | 0.148360171 | 0.312716897 | 0.312716897 | 0.686353333 |
| ## | 29668       | 29676       | 29693       | 29707       | 29710       | 29712       |
| ## | 0.252249087 | 0.569982994 | 0.251553727 | 0.727124466 | 0.192353387 | 0.209295008 |
| ## | 29713       | 29715       | 29725       | 29730       | 29731       | 29734       |
| ## | 0.175920526 | 0.303070266 | 0.197090237 | 0.691289539 | 0.684226300 | 0.691289539 |
| ## | 29741       | 29745       | 29746       | 29748       | 29756       | 29760       |
| ## | 0.265137099 | 0.110183877 | 0.640713591 | 0.668035643 | 0.665192824 | 0.649259554 |
| ## | 29763       | 29764       | 29768       | 29770       | 29774       | 29778       |
| ## | 0.285668363 | 0.658038529 | 0.686121332 | 0.302348036 | 0.613134548 | 0.580747050 |
| ## | 29796       | 29797       | 29799       | 29813       | 29815       | 29818       |
| ## | 0.690378685 | 0.306549786 | 0.715600382 | 0.315928973 | 0.299931604 | 0.303070266 |
| ## | 29819       | 29824       | 29827       | 29846       | 29851       | 29855       |
| ## | 0.686857746 | 0.296410203 | 0.683227061 | 0.255133144 | 0.713656391 | 0.307521147 |
| ## | 29861       | 29864       | 29867       | 29881       | 29884       | 29891       |
| ## | 0.291917847 | 0.170413610 | 0.279962353 | 0.668337087 | 0.259396142 | 0.649334765 |
| ## | 29906       | 29909       | 29912       | 29920       | 29922       | 29925       |
| ## | 0.686121332 | 0.686121332 | 0.120251775 | 0.283740058 | 0.283740058 | 0.677282606 |
| ## | 29930       | 29937       | 29944       | 29945       | 29946       | 29951       |
| ## | 0.276049777 | 0.657922115 | 0.669566702 | 0.662249280 | 0.672855722 | 0.218567553 |
| ## | 29952       | 29956       | 29959       | 29961       | 29966       | 29970       |
| ## | 0.176446656 | 0.270509363 | 0.654991542 | 0.670198818 | 0.162492207 | 0.283272618 |
| ## | 29973       | 29974       | 29986       | 30002       | 30010       | 30018       |
| ## | 0.282106324 | 0.282106324 | 0.290054536 | 0.569982994 | 0.265689697 | 0.140748557 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 30020       | 30028       | 30032       | 30051       | 30067       | 30068       |
| ## | 0.628154814 | 0.691339775 | 0.689374215 | 0.259396142 | 0.590487091 | 0.685473967 |
| ## | 30070       | 30095       | 30096       | 30099       | 30104       | 30108       |
| ## | 0.259666403 | 0.288125408 | 0.288125408 | 0.288260724 | 0.192649310 | 0.710295085 |
| ## | 30114       | 30119       | 30122       | 30128       | 30130       | 30141       |
| ## | 0.680343937 | 0.264391129 | 0.248715855 | 0.253404417 | 0.282401207 | 0.561250608 |
| ## | 30144       | 30149       | 30152       | 30154       | 30162       | 30163       |
| ## | 0.289391422 | 0.699055290 | 0.699055290 | 0.699055290 | 0.165803781 | 0.165803781 |
| ## | 30167       | 30168       | 30174       | 30175       | 30179       | 30180       |
| ## | 0.165803781 | 0.165803781 | 0.107621515 | 0.109061243 | 0.030111933 | 0.125995511 |
| ## | 30183       | 30185       | 30186       | 30189       | 30194       | 30195       |
| ## | 0.224396273 | 0.125995511 | 0.125995511 | 0.227000794 | 0.227000794 | 0.125995511 |
| ## | 30196       | 30200       | 30203       | 30205       | 30209       | 30210       |
| ## | 0.125995511 | 0.614314708 | 0.227000794 | 0.224396273 | 0.125995511 | 0.224396273 |
| ## | 30218       | 30222       | 30226       | 30227       | 30238       | 30240       |
| ## | 0.227000794 | 0.224396273 | 0.224396273 | 0.224396273 | 0.224396273 | 0.118371511 |
| ## | 30241       | 30245       | 30246       | 30251       | 30259       | 30269       |
| ## | 0.119935721 | 0.197582828 | 0.107841093 | 0.163446007 | 0.149139876 | 0.281669111 |
| ## | 30270       | 30271       | 30281       | 30292       | 30294       | 30300       |
| ## | 0.163446007 | 0.664183202 | 0.282413556 | 0.701762206 | 0.716735147 | 0.314882730 |
| ## | 30305       | 30306       | 30308       | 30316       | 30319       | 30322       |
| ## | 0.318106756 | 0.318106756 | 0.186335273 | 0.314882730 | 0.716735147 | 0.186335273 |
| ## | 30325       | 30330       | 30331       | 30346       | 30347       | 30349       |
| ## | 0.318106756 | 0.314882730 | 0.708600251 | 0.794140331 | 0.425309102 | 0.794140331 |
| ## | 30354       | 30355       | 30361       | 30367       | 30371       | 30375       |
| ## | 0.800559354 | 0.421670448 | 0.425309102 | 0.425309102 | 0.266484852 | 0.266484852 |
| ## | 30386       | 30394       | 30395       | 30396       | 30397       | 30407       |
| ## | 0.425309102 | 0.425309102 | 0.421670448 | 0.421670448 | 0.788711054 | 0.266484852 |
| ## | 30408       | 30424       | 30427       | 30433       | 30434       | 30442       |
| ## | 0.421670448 | 0.421670448 | 0.788711054 | 0.425309102 | 0.206614771 | 0.425309102 |
| ## | 30445       | 30448       | 30464       | 30476       | 30479       | 30486       |
| ## | 0.425309102 | 0.425309102 | 0.212455907 | 0.425309102 | 0.800559354 | 0.425309102 |
| ## | 30488       | 30497       | 30503       | 30505       | 30508       | 30509       |
| ## | 0.425309102 | 0.794140331 | 0.788711054 | 0.425309102 | 0.425309102 | 0.425309102 |
| ## | 30510       | 30512       | 30516       | 30525       | 30543       | 30544       |
| ## | 0.421670448 | 0.425309102 | 0.802253335 | 0.421670448 | 0.167999391 | 0.288380667 |
| ## | 30545       | 30550       | 30551       | 30560       | 30564       | 30565       |
| ## | 0.288380667 | 0.245688837 | 0.250613491 | 0.283591056 | 0.320227872 | 0.320227872 |
| ## | 30566       | 30576       | 30577       | 30582       | 30585       | 30587       |
| ## | 0.320227872 | 0.320227872 | 0.718712741 | 0.316992342 | 0.718712741 | 0.320227872 |
| ## | 30588       | 30594       | 30595       | 30598       | 30603       | 30604       |
| ## | 0.320227872 | 0.703801132 | 0.316992342 | 0.720859503 | 0.720859503 | 0.316992342 |
| ## | 30606       | 30611       | 30612       | 30635       | 30636       | 30637       |
| ## | 0.720859503 | 0.320227872 | 0.316992342 | 0.187266429 | 0.284554249 | 0.560826320 |
| ## | 30642       | 30649       | 30654       | 30655       | 30668       | 30675       |
| ## | 0.288554446 | 0.497205516 | 0.113499073 | 0.568127823 | 0.573880503 | 0.120706431 |
| ## | 30676       | 30677       | 30680       | 30683       | 30688       | 30694       |
| ## | 0.605207514 | 0.602661574 | 0.577418606 | 0.163574103 | 0.425309102 | 0.788711054 |
| ## | 30698       | 30702       | 30705       | 30707       | 30716       | 30717       |
| ## | 0.421670448 | 0.425309102 | 0.266484852 | 0.266484852 | 0.421670448 | 0.788711054 |
| ## | 30763       | 30768       | 30778       | 30788       | 30790       | 30791       |
| ## | 0.425309102 | 0.266484852 | 0.266484852 | 0.425309102 | 0.788711054 | 0.425309102 |
| ## | 30792       | 30796       | 30807       | 30817       | 30829       | 30832       |
| ## | 0.788711054 | 0.425309102 | 0.800559354 | 0.421670448 | 0.788711054 | 0.425309102 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 30842       | 30843       | 30847       | 30857       | 30859       | 30866       |
| ## | 0.800559354 | 0.800559354 | 0.800559354 | 0.421670448 | 0.800559354 | 0.794140331 |
| ## | 30871       | 30877       | 30880       | 30881       | 30882       | 30883       |
| ## | 0.425309102 | 0.794140331 | 0.788711054 | 0.425309102 | 0.425309102 | 0.425309102 |
| ## | 30895       | 30898       | 30906       | 30908       | 30909       | 30915       |
| ## | 0.452130977 | 0.286628731 | 0.320227872 | 0.320227872 | 0.320227872 | 0.320227872 |
| ## | 30928       | 30931       | 30932       | 30938       | 30942       | 30951       |
| ## | 0.320227872 | 0.320227872 | 0.316992342 | 0.320227872 | 0.320227872 | 0.710611707 |
| ## | 30952       | 30956       | 30960       | 30961       | 30975       | 30977       |
| ## | 0.316992342 | 0.316992342 | 0.320227872 | 0.710611707 | 0.276256687 | 0.627755930 |
| ## | 30980       | 30990       | 30992       | 30996       | 31001       | 31018       |
| ## | 0.559246505 | 0.599113069 | 0.599113069 | 0.599113069 | 0.209224268 | 0.101936581 |
| ## | 31034       | 31037       | 31040       | 31042       | 31048       | 31049       |
| ## | 0.701762206 | 0.314882730 | 0.318106756 | 0.708600251 | 0.718891099 | 0.701762206 |
| ## | 31053       | 31056       | 31057       | 31059       | 31069       | 31073       |
| ## | 0.716735147 | 0.701762206 | 0.718891099 | 0.708600251 | 0.716735147 | 0.701762206 |
| ## | 31077       | 31084       | 31085       | 31089       | 31092       | 31096       |
| ## | 0.718891099 | 0.788711054 | 0.421670448 | 0.794140331 | 0.800559354 | 0.178392769 |
| ## | 31097       | 31109       | 31113       | 31116       | 31132       | 31143       |
| ## | 0.178392769 | 0.098141612 | 0.125141685 | 0.223045793 | 0.096320856 | 0.223045793 |
| ## | 31145       | 31149       | 31153       | 31162       | 31168       | 31171       |
| ## | 0.225639200 | 0.223045793 | 0.125141685 | 0.595099895 | 0.223045793 | 0.125141685 |
| ## | 31172       | 31176       | 31177       | 31184       | 31190       | 31193       |
| ## | 0.125141685 | 0.125141685 | 0.125141685 | 0.125141685 | 0.595099895 | 0.129230934 |
| ## | 31200       | 31210       | 31211       | 31216       | 31228       | 31235       |
| ## | 0.560542235 | 0.160301112 | 0.165096743 | 0.094301290 | 0.085236118 | 0.112811833 |
| ## | 31237       | 31239       | 31240       | 31249       | 31261       | 31262       |
| ## | 0.109429332 | 0.171266078 | 0.171266078 | 0.096672623 | 0.108212496 | 0.108212496 |
| ## | 31273       | 31275       | 31278       | 31283       | 31285       | 31289       |
| ## | 0.108212496 | 0.198194639 | 0.152870401 | 0.223045793 | 0.225639200 | 0.125141685 |
| ## | 31299       | 31300       | 31306       | 31317       | 31323       | 31325       |
| ## | 0.223045793 | 0.225639200 | 0.225639200 | 0.223045793 | 0.125141685 | 0.125141685 |
| ## | 31331       | 31353       | 31356       | 31357       | 31360       | 31361       |
| ## | 0.595099895 | 0.151668988 | 0.159530439 | 0.098717741 | 0.095598727 | 0.367347129 |
| ## | 31365       | 31379       | 31386       | 31388       | 31396       | 31404       |
| ## | 0.415362657 | 0.462373128 | 0.129910629 | 0.128235282 | 0.281413147 | 0.237134883 |
| ## | 31409       | 31411       | 31418       | 31423       | 31425       | 31427       |
| ## | 0.284221423 | 0.287263144 | 0.265685287 | 0.265685287 | 0.265685287 | 0.265685287 |
| ## | 31429       | 31433       | 31434       | 31435       | 31439       | 31440       |
| ## | 0.265685287 | 0.265685287 | 0.268603077 | 0.268603077 | 0.268603077 | 0.265685287 |
| ## | 31442       | 31446       | 31449       | 31454       | 31456       | 31460       |
| ## | 0.265685287 | 0.265685287 | 0.265685287 | 0.265685287 | 0.265685287 | 0.265685287 |
| ## | 31462       | 31463       | 31466       | 31467       | 31486       | 31489       |
| ## | 0.265685287 | 0.268603077 | 0.265685287 | 0.152744426 | 0.265685287 | 0.265685287 |
| ## | 31492       | 31496       | 31501       | 31511       | 31516       | 31523       |
| ## | 0.275472825 | 0.252075073 | 0.112648271 | 0.135943921 | 0.284221423 | 0.275919563 |
| ## | 31526       | 31528       | 31529       | 31532       | 31536       | 31546       |
| ## | 0.265685287 | 0.265685287 | 0.268603077 | 0.265685287 | 0.268603077 | 0.272508214 |
| ## | 31547       | 31560       | 31561       | 31574       | 31576       | 31594       |
| ## | 0.231405721 | 0.335187991 | 0.335187991 | 0.335187991 | 0.331875103 | 0.331875103 |
| ## | 31600       | 31603       | 31609       | 31613       | 31625       | 31634       |
| ## | 0.335187991 | 0.335187991 | 0.331875103 | 0.335187991 | 0.221255111 | 0.221255111 |
| ## | 31639       | 31645       | 31654       | 31657       | 31658       | 31659       |
| ## | 0.221255111 | 0.193150088 | 0.179986570 | 0.200164142 | 0.200164142 | 0.200164142 |

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| ## | 31663       | 31665       | 31681       | 31686       | 31700       | 31712       |
| ## | 0.135159933 | 0.238762736 | 0.155408377 | 0.241474803 | 0.183896208 | 0.242903609 |
| ## | 31724       | 31732       | 31733       | 31741       | 31743       | 31747       |
| ## | 0.157467480 | 0.222091528 | 0.203693303 | 0.331875103 | 0.198399530 | 0.331875103 |
| ## | 31748       | 31749       | 31754       | 31758       | 31759       | 31761       |
| ## | 0.331875103 | 0.331875103 | 0.331875103 | 0.331875103 | 0.198399530 | 0.335187991 |
| ## | 31763       | 31765       | 31767       | 31768       | 31771       | 31775       |
| ## | 0.335187991 | 0.335187991 | 0.335187991 | 0.335187991 | 0.331875103 | 0.331875103 |
| ## | 31777       | 31778       | 31785       | 31804       | 31811       | 31815       |
| ## | 0.335187991 | 0.331875103 | 0.331875103 | 0.335187991 | 0.221255111 | 0.124011552 |
| ## | 31824       | 31829       | 31847       | 31852       | 31857       | 31858       |
| ## | 0.221255111 | 0.223833696 | 0.091788070 | 0.179059557 | 0.181260843 | 0.181260843 |
| ## | 31860       | 31871       | 31873       | 31874       | 31875       | 31881       |
| ## | 0.098026866 | 0.179059557 | 0.135387497 | 0.133652369 | 0.135387497 | 0.156533633 |
| ## | 31889       | 31895       | 31896       | 31907       | 31923       | 31925       |
| ## | 0.128898872 | 0.074565841 | 0.074565841 | 0.025059128 | 0.140437392 | 0.142246143 |
| ## | 31929       | 31937       | 31940       | 31943       | 31946       | 31949       |
| ## | 0.043038917 | 0.616049806 | 0.616049806 | 0.612518564 | 0.180275704 | 0.151347564 |
| ## | 31955       | 31956       | 31958       | 31961       | 31964       | 31976       |
| ## | 0.136420289 | 0.240720278 | 0.240720278 | 0.240720278 | 0.240720278 | 0.623799560 |
| ## | 31980       | 31991       | 32007       | 32015       | 32016       | 32017       |
| ## | 0.241334949 | 0.136420289 | 0.238616732 | 0.135066042 | 0.135066042 | 0.238616732 |
| ## | 32025       | 32027       | 32028       | 32034       | 32038       | 32044       |
| ## | 0.504277668 | 0.148899205 | 0.370814037 | 0.379481411 | 0.100362455 | 0.500785029 |
| ## | 32057       | 32062       | 32083       | 32085       | 32089       | 32090       |
| ## | 0.292367823 | 0.150129356 | 0.167264724 | 0.390307998 | 0.110559240 | 0.154806744 |
| ## | 32091       | 32106       | 32111       | 32134       | 32135       | 32140       |
| ## | 0.142936940 | 0.114894866 | 0.079381212 | 0.081500149 | 0.151160771 | 0.085626923 |
| ## | 32143       | 32150       | 32161       | 32173       | 32176       | 32180       |
| ## | 0.490367531 | 0.490367531 | 0.149443073 | 0.184786368 | 0.187042016 | 0.545309223 |
| ## | 32184       | 32188       | 32194       | 32210       | 32211       | 32212       |
| ## | 0.101482403 | 0.537142303 | 0.187042016 | 0.473191664 | 0.481397531 | 0.473191664 |
| ## | 32213       | 32215       | 32231       | 32239       | 32253       | 32255       |
| ## | 0.151160771 | 0.476908285 | 0.160202225 | 0.085626923 | 0.184786368 | 0.184786368 |
| ## | 32256       | 32264       | 32267       | 32269       | 32283       | 32291       |
| ## | 0.121823487 | 0.108269758 | 0.573080724 | 0.157747047 | 0.564129496 | 0.195183034 |
| ## | 32296       | 32301       | 32307       | 32316       | 32329       | 32332       |
| ## | 0.196440260 | 0.193372430 | 0.101816588 | 0.144049664 | 0.055034670 | 0.055034670 |
| ## | 32335       | 32337       | 32339       | 32353       | 32358       | 32360       |
| ## | 0.172764454 | 0.174904839 | 0.198906477 | 0.197534840 | 0.139689189 | 0.462100682 |
| ## | 32366       | 32368       | 32393       | 32400       | 32404       | 32406       |
| ## | 0.196440260 | 0.169003139 | 0.188722646 | 0.188722646 | 0.042965885 | 0.295477133 |
| ## | 32408       | 32415       | 32432       | 32434       | 32437       | 32441       |
| ## | 0.173214100 | 0.154965158 | 0.193635108 | 0.151329055 | 0.325205745 | 0.328484790 |
| ## | 32445       | 32448       | 32452       | 32455       | 32463       | 32464       |
| ## | 0.325205745 | 0.193635108 | 0.268294049 | 0.245620644 | 0.295613124 | 0.706596266 |
| ## | 32468       | 32473       | 32484       | 32490       | 32495       | 32509       |
| ## | 0.706612781 | 0.305240809 | 0.705793457 | 0.286406894 | 0.274927376 | 0.684032968 |
| ## | 32510       | 32514       | 32518       | 32526       | 32540       | 32541       |
| ## | 0.682718870 | 0.173157974 | 0.708300895 | 0.295920951 | 0.298656472 | 0.134368579 |
| ## | 32545       | 32549       | 32553       | 32557       | 32573       | 32575       |
| ## | 0.287632787 | 0.681153165 | 0.299790973 | 0.299790973 | 0.231397046 | 0.292253930 |
| ## | 32576       | 32580       | 32589       | 32593       | 32594       | 32601       |
| ## | 0.170643518 | 0.193635108 | 0.325205745 | 0.325205745 | 0.151329055 | 0.312874591 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 32604       | 32606       | 32611       | 32614       | 32626       | 32632       |
| ## | 0.176360191 | 0.292519275 | 0.292519275 | 0.292519275 | 0.706612781 | 0.285283177 |
| ## | 32650       | 32670       | 32672       | 32688       | 32689       | 32698       |
| ## | 0.614950208 | 0.299035571 | 0.295920951 | 0.295920951 | 0.554053113 | 0.164620972 |
| ## | 32701       | 32718       | 32719       | 32720       | 32724       | 32725       |
| ## | 0.160874715 | 0.109286460 | 0.109286460 | 0.147659741 | 0.104907449 | 0.040179797 |
| ## | 32738       | 32742       | 32747       | 32749       | 32752       | 32753       |
| ## | 0.086812699 | 0.158645780 | 0.160108653 | 0.162122972 | 0.076549201 | 0.076549201 |
| ## | 32759       | 32762       | 32766       | 32769       | 32772       | 32773       |
| ## | 0.184821422 | 0.187077400 | 0.184821422 | 0.138796864 | 0.218181941 | 0.149881714 |
| ## | 32777       | 32779       | 32780       | 32788       | 32789       | 32796       |
| ## | 0.203551924 | 0.201146436 | 0.201146436 | 0.200839800 | 0.200839800 | 0.199663064 |
| ## | 32799       | 32802       | 32803       | 32804       | 32819       | 32823       |
| ## | 0.323055046 | 0.323055046 | 0.192106817 | 0.323055046 | 0.323055046 | 0.726431123 |
| ## | 32826       | 32832       | 32833       | 32841       | 32860       | 32864       |
| ## | 0.323055046 | 0.323055046 | 0.323055046 | 0.150072526 | 0.214458633 | 0.214458633 |
| ## | 32865       | 32867       | 32868       | 32879       | 32885       | 32886       |
| ## | 0.216980079 | 0.119742875 | 0.214458633 | 0.214461872 | 0.211961768 | 0.214461872 |
| ## | 32894       | 32895       | 32901       | 32904       | 32908       | 32911       |
| ## | 0.587307207 | 0.211961768 | 0.593310876 | 0.200316221 | 0.221733010 | 0.200839800 |
| ## | 32912       | 32916       | 32918       | 32923       | 32930       | 32933       |
| ## | 0.580459492 | 0.203242554 | 0.200839800 | 0.111286702 | 0.323055046 | 0.323055046 |
| ## | 32935       | 32940       | 32942       | 32943       | 32948       | 32950       |
| ## | 0.323055046 | 0.716307374 | 0.326322892 | 0.192106817 | 0.323055046 | 0.323055046 |
| ## | 32951       | 32955       | 32962       | 32966       | 32967       | 32974       |
| ## | 0.192106817 | 0.150072526 | 0.323055046 | 0.326322892 | 0.323055046 | 0.326322892 |
| ## | 32976       | 32977       | 32988       | 32990       | 33001       | 33003       |
| ## | 0.150072526 | 0.323055046 | 0.192106817 | 0.323055046 | 0.192106817 | 0.206947834 |
| ## | 33009       | 33011       | 33012       | 33013       | 33022       | 33026       |
| ## | 0.211961768 | 0.214461872 | 0.214461872 | 0.211961768 | 0.204727788 | 0.335947538 |
| ## | 33034       | 33040       | 33043       | 33046       | 33056       | 33058       |
| ## | 0.325707816 | 0.175046789 | 0.301796292 | 0.340849875 | 0.319028090 | 0.319028090 |
| ## | 33059       | 33060       | 33062       | 33066       | 33068       | 33069       |
| ## | 0.319028090 | 0.143345737 | 0.319028090 | 0.142737221 | 0.319028090 | 0.281276105 |
| ## | 33073       | 33076       | 33080       | 33086       | 33117       | 33125       |
| ## | 0.330908793 | 0.339913509 | 0.336989695 | 0.120183978 | 0.325992744 | 0.196330941 |
| ## | 33136       | 33137       | 33146       | 33151       | 33153       | 33154       |
| ## | 0.346509976 | 0.349892448 | 0.336864182 | 0.336864182 | 0.328484899 | 0.320814595 |
| ## | 33156       | 33175       | 33176       | 33184       | 33200       | 33210       |
| ## | 0.353044879 | 0.316438658 | 0.322274594 | 0.338860498 | 0.240815153 | 0.824523810 |
| ## | 33216       | 33231       | 33237       | 33242       | 33254       | 33269       |
| ## | 0.470364130 | 0.470364130 | 0.470364130 | 0.470364130 | 0.474078528 | 0.470364130 |
| ## | 33271       | 33272       | 33275       | 33290       | 33295       | 33296       |
| ## | 0.470364130 | 0.474078528 | 0.470364130 | 0.470364130 | 0.470364130 | 0.306763598 |
| ## | 33302       | 33306       | 33317       | 33322       | 33326       | 33331       |
| ## | 0.470364130 | 0.306763598 | 0.474078528 | 0.470364130 | 0.470364130 | 0.474078528 |
| ## | 33336       | 33347       | 33348       | 33352       | 33353       | 33358       |
| ## | 0.474078528 | 0.470364130 | 0.470364130 | 0.474078528 | 0.470364130 | 0.830198002 |
| ## | 33373       | 33384       | 33388       | 33389       | 33392       | 33398       |
| ## | 0.306763598 | 0.474078528 | 0.474078528 | 0.474078528 | 0.470364130 | 0.240815153 |
| ## | 33406       | 33407       | 33410       | 33411       | 33414       | 33416       |
| ## | 0.470364130 | 0.470364130 | 0.474078528 | 0.240815153 | 0.470364130 | 0.470364130 |
| ## | 33430       | 33435       | 33437       | 33448       | 33452       | 33461       |
| ## | 0.470364130 | 0.470364130 | 0.470364130 | 0.317412497 | 0.328075489 | 0.717905509 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 33465       | 33470       | 33471       | 33473       | 33475       | 33477       |
| ## | 0.316438403 | 0.342707295 | 0.342707295 | 0.309388701 | 0.347576985 | 0.313832662 |
| ## | 33479       | 33480       | 33486       | 33487       | 33488       | 33489       |
| ## | 0.313223519 | 0.316438403 | 0.317122214 | 0.330343826 | 0.232094520 | 0.617825518 |
| ## | 33490       | 33492       | 33493       | 33500       | 33503       | 33505       |
| ## | 0.335947538 | 0.198941866 | 0.332630899 | 0.337642569 | 0.337642569 | 0.329586276 |
| ## | 33514       | 33518       | 33520       | 33522       | 33526       | 33533       |
| ## | 0.193990003 | 0.668964007 | 0.274401731 | 0.316199715 | 0.324515673 | 0.700920567 |
| ## | 33537       | 33539       | 33546       | 33554       | 33555       | 33568       |
| ## | 0.303180391 | 0.310859794 | 0.274401731 | 0.270219452 | 0.320350081 | 0.318391220 |
| ## | 33571       | 33577       | 33588       | 33592       | 33602       | 33604       |
| ## | 0.315165643 | 0.339608216 | 0.321343792 | 0.233690871 | 0.350519618 | 0.350519618 |
| ## | 33609       | 33612       | 33614       | 33617       | 33619       | 33620       |
| ## | 0.346949259 | 0.343580202 | 0.346949259 | 0.343580202 | 0.343580202 | 0.157504670 |
| ## | 33624       | 33626       | 33635       | 33645       | 33646       | 33648       |
| ## | 0.183409898 | 0.296104020 | 0.340413590 | 0.738850421 | 0.729014818 | 0.340413590 |
| ## | 33656       | 33658       | 33660       | 33662       | 33668       | 33669       |
| ## | 0.337075240 | 0.736791500 | 0.340413590 | 0.337075240 | 0.312263508 | 0.315473065 |
| ## | 33676       | 33679       | 33681       | 33682       | 33687       | 33693       |
| ## | 0.315473065 | 0.706081240 | 0.706081240 | 0.184497374 | 0.312263508 | 0.312263508 |
| ## | 33700       | 33709       | 33712       | 33718       | 33723       | 33725       |
| ## | 0.315473065 | 0.322274594 | 0.319028090 | 0.306066066 | 0.339311439 | 0.339311439 |
| ## | 33726       | 33731       | 33732       | 33734       | 33741       | 33742       |
| ## | 0.342660488 | 0.342660488 | 0.342660488 | 0.342660488 | 0.325828137 | 0.320844992 |
| ## | 33751       | 33756       | 33774       | 33778       | 33779       | 33780       |
| ## | 0.332749209 | 0.439713064 | 0.443388046 | 0.281114970 | 0.439713064 | 0.443388046 |
| ## | 33797       | 33801       | 33803       | 33809       | 33815       | 33816       |
| ## | 0.443388046 | 0.281114970 | 0.281114970 | 0.385229433 | 0.179931599 | 0.381705925 |
| ## | 33819       | 33824       | 33825       | 33826       | 33832       | 33840       |
| ## | 0.235245580 | 0.385229433 | 0.772661346 | 0.180665263 | 0.235245580 | 0.381705925 |
| ## | 33845       | 33846       | 33847       | 33853       | 33869       | 33871       |
| ## | 0.381705925 | 0.381705925 | 0.381705925 | 0.381705925 | 0.381705925 | 0.235245580 |
| ## | 33879       | 33889       | 33891       | 33893       | 33894       | 33895       |
| ## | 0.381705925 | 0.180665263 | 0.235245580 | 0.385229433 | 0.235245580 | 0.381705925 |
| ## | 33896       | 33898       | 33901       | 33903       | 33909       | 33911       |
| ## | 0.235245580 | 0.381705925 | 0.381705925 | 0.385229433 | 0.385229433 | 0.385229433 |
| ## | 33923       | 33926       | 33930       | 33932       | 33946       | 33953       |
| ## | 0.385229433 | 0.180665263 | 0.381705925 | 0.235245580 | 0.325813587 | 0.122970433 |
| ## | 33955       | 33961       | 33963       | 33969       | 33981       | 33989       |
| ## | 0.692506893 | 0.315151745 | 0.320058431 | 0.360396363 | 0.317050912 | 0.317412497 |
| ## | 33991       | 33995       | 33999       | 34020       | 34024       | 34028       |
| ## | 0.633105203 | 0.355322959 | 0.164481358 | 0.330379977 | 0.330379977 | 0.189167671 |
| ## | 34034       | 34042       | 34043       | 34046       | 34051       | 34064       |
| ## | 0.222416320 | 0.329774384 | 0.334891785 | 0.302792443 | 0.613093605 | 0.313894044 |
| ## | 34066       | 34067       | 34069       | 34085       | 34087       | 34089       |
| ## | 0.349953917 | 0.346571167 | 0.346571167 | 0.474078528 | 0.470364130 | 0.470364130 |
| ## | 34090       | 34093       | 34095       | 34099       | 34100       | 34104       |
| ## | 0.470364130 | 0.470364130 | 0.306763598 | 0.470364130 | 0.470364130 | 0.474078528 |
| ## | 34105       | 34112       | 34117       | 34118       | 34123       | 34131       |
| ## | 0.470364130 | 0.474078528 | 0.319903519 | 0.319903519 | 0.329095771 | 0.704229848 |
| ## | 34136       | 34139       | 34145       | 34146       | 34157       | 34158       |
| ## | 0.305066161 | 0.331055614 | 0.313469195 | 0.702667944 | 0.306763598 | 0.470364130 |
| ## | 34169       | 34170       | 34172       | 34173       | 34176       | 34178       |
| ## | 0.470364130 | 0.306763598 | 0.474078528 | 0.470364130 | 0.474078528 | 0.822357045 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 34188       | 34194       | 34200       | 34201       | 34202       | 34211       |
| ## | 0.344720584 | 0.360396363 | 0.314220317 | 0.314220317 | 0.716110978 | 0.314192265 |
| ## | 34225       | 34229       | 34231       | 34234       | 34235       | 34240       |
| ## | 0.153012364 | 0.323484518 | 0.316438403 | 0.313223519 | 0.313223519 | 0.741630625 |
| ## | 34243       | 34244       | 34250       | 34251       | 34254       | 34261       |
| ## | 0.344205046 | 0.162618100 | 0.185170345 | 0.316438403 | 0.355322959 | 0.229576344 |
| ## | 34274       | 34277       | 34280       | 34282       | 34287       | 34289       |
| ## | 0.309191711 | 0.312384036 | 0.318903282 | 0.330646231 | 0.299064019 | 0.183238317 |
| ## | 34290       | 34307       | 34309       | 34312       | 34317       | 34318       |
| ## | 0.310464481 | 0.251590824 | 0.254407453 | 0.323721848 | 0.302792443 | 0.302792443 |
| ## | 34327       | 34328       | 34330       | 34339       | 34340       | 34343       |
| ## | 0.326488725 | 0.329774384 | 0.334891785 | 0.181145089 | 0.181145089 | 0.226486020 |
| ## | 34346       | 34354       | 34358       | 34359       | 34368       | 34373       |
| ## | 0.226486020 | 0.346571167 | 0.164619808 | 0.316778607 | 0.336422769 | 0.708998860 |
| ## | 34374       | 34386       | 34390       | 34396       | 34417       | 34421       |
| ## | 0.175046789 | 0.340849875 | 0.253562576 | 0.719155978 | 0.323139293 | 0.728003718 |
| ## | 34426       | 34429       | 34438       | 34439       | 34440       | 34442       |
| ## | 0.740626876 | 0.347514343 | 0.338860498 | 0.335529631 | 0.254536442 | 0.226950947 |
| ## | 34443       | 34448       | 34449       | 34450       | 34455       | 34474       |
| ## | 0.319028090 | 0.322274594 | 0.319028090 | 0.303770567 | 0.730542400 | 0.343580202 |
| ## | 34476       | 34480       | 34488       | 34493       | 34499       | 34500       |
| ## | 0.346949259 | 0.346949259 | 0.343580202 | 0.335306875 | 0.340413590 | 0.340413590 |
| ## | 34504       | 34506       | 34512       | 34513       | 34514       | 34516       |
| ## | 0.172708944 | 0.695142876 | 0.217908358 | 0.303182983 | 0.178169711 | 0.303182983 |
| ## | 34519       | 34528       | 34535       | 34553       | 34558       | 34560       |
| ## | 0.303182983 | 0.306340780 | 0.325992744 | 0.337075240 | 0.337075240 | 0.340413590 |
| ## | 34576       | 34579       | 34581       | 34590       | 34593       | 34594       |
| ## | 0.223634789 | 0.349892448 | 0.349892448 | 0.346509976 | 0.329110397 | 0.329110397 |
| ## | 34599       | 34606       | 34607       | 34608       | 34612       | 34615       |
| ## | 0.684216654 | 0.336864182 | 0.336864182 | 0.336864182 | 0.716425447 | 0.312263508 |
| ## | 34620       | 34626       | 34630       | 34645       | 34654       | 34657       |
| ## | 0.313654953 | 0.189255813 | 0.339311439 | 0.331780751 | 0.721050941 | 0.709751638 |
| ## | 34663       | 34669       | 34674       | 34676       | 34686       | 34696       |
| ## | 0.305188260 | 0.322274594 | 0.219651327 | 0.335529631 | 0.339311439 | 0.325828137 |
| ## | 34701       | 34703       | 34705       | 34706       | 34717       | 34719       |
| ## | 0.324172784 | 0.323603646 | 0.336066434 | 0.332749209 | 0.690180827 | 0.180682267 |
| ## | 34724       | 34731       | 34742       | 34746       | 34747       | 34750       |
| ## | 0.306800351 | 0.470364130 | 0.474078528 | 0.474078528 | 0.474078528 | 0.443388046 |
| ## | 34752       | 34753       | 34756       | 34757       | 34761       | 34762       |
| ## | 0.443388046 | 0.439713064 | 0.439713064 | 0.439713064 | 0.443388046 | 0.281114970 |
| ## | 34766       | 34769       | 34774       | 34775       | 34778       | 34780       |
| ## | 0.281114970 | 0.439713064 | 0.281114970 | 0.805911329 | 0.439713064 | 0.439713064 |
| ## | 34782       | 34786       | 34788       | 34795       | 34799       | 34811       |
| ## | 0.439713064 | 0.474078528 | 0.474078528 | 0.474078528 | 0.470364130 | 0.470364130 |
| ## | 34815       | 34819       | 34823       | 34828       | 34829       | 34835       |
| ## | 0.474078528 | 0.470364130 | 0.439713064 | 0.439713064 | 0.281114970 | 0.381705925 |
| ## | 34837       | 34850       | 34852       | 34854       | 34860       | 34864       |
| ## | 0.385229433 | 0.381705925 | 0.381705925 | 0.385229433 | 0.474078528 | 0.470364130 |
| ## | 34873       | 34877       | 34882       | 34908       | 34916       | 34918       |
| ## | 0.470364130 | 0.470364130 | 0.474078528 | 0.235245580 | 0.235245580 | 0.235245580 |
| ## | 34926       | 34931       | 34934       | 34939       | 34942       | 34950       |
| ## | 0.381705925 | 0.474078528 | 0.306763598 | 0.470364130 | 0.474078528 | 0.306763598 |
| ## | 34953       | 34957       | 34970       | 34978       | 34982       | 34984       |
| ## | 0.240815153 | 0.470364130 | 0.381705925 | 0.381705925 | 0.381705925 | 0.381705925 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 34990       | 34992       | 35002       | 35006       | 35008       | 35010       |
| ## | 0.385229433 | 0.235245580 | 0.306763598 | 0.474078528 | 0.470364130 | 0.474078528 |
| ## | 35011       | 35017       | 35019       | 35023       | 35025       | 35035       |
| ## | 0.470364130 | 0.470364130 | 0.470364130 | 0.470364130 | 0.474078528 | 0.381705925 |
| ## | 35045       | 35061       | 35062       | 35072       | 35076       | 35079       |
| ## | 0.381705925 | 0.180665263 | 0.235245580 | 0.231496100 | 0.104474649 | 0.189716241 |
| ## | 35092       | 35095       | 35096       | 35111       | 35117       | 35120       |
| ## | 0.204937152 | 0.224110795 | 0.224110795 | 0.132829466 | 0.192032197 | 0.194355206 |
| ## | 35126       | 35127       | 35129       | 35137       | 35140       | 35143       |
| ## | 0.130141664 | 0.200868525 | 0.208855545 | 0.133360287 | 0.234158149 | 0.189716241 |
| ## | 35144       | 35145       | 35150       | 35161       | 35162       | 35163       |
| ## | 0.192017893 | 0.104474649 | 0.189716241 | 0.189716241 | 0.207064403 | 0.115135666 |
| ## | 35168       | 35180       | 35198       | 35201       | 35213       | 35225       |
| ## | 0.207376204 | 0.194355206 | 0.151295300 | 0.137834099 | 0.196329206 | 0.195664567 |
| ## | 35231       | 35234       | 35236       | 35240       | 35245       | 35250       |
| ## | 0.195521755 | 0.197876639 | 0.199402287 | 0.094926683 | 0.193643023 | 0.192489871 |
| ## | 35251       | 35256       | 35261       | 35263       | 35265       | 35267       |
| ## | 0.176557363 | 0.526365630 | 0.132387392 | 0.198691414 | 0.198691414 | 0.533563970 |
| ## | 35269       | 35276       | 35282       | 35285       | 35286       | 35291       |
| ## | 0.562835469 | 0.184560216 | 0.568858538 | 0.574891088 | 0.197876639 | 0.197876639 |
| ## | 35296       | 35298       | 35302       | 35308       | 35310       | 35311       |
| ## | 0.578270959 | 0.176042081 | 0.069241428 | 0.191326505 | 0.526365630 | 0.524820469 |
| ## | 35312       | 35317       | 35320       | 35323       | 35327       | 35331       |
| ## | 0.123301636 | 0.183662749 | 0.100802691 | 0.100802691 | 0.100802691 | 0.183662749 |
| ## | 35343       | 35345       | 35347       | 35349       | 35359       | 35360       |
| ## | 0.508930361 | 0.493148155 | 0.487497807 | 0.422765801 | 0.087154782 | 0.045412507 |
| ## | 35361       | 35363       | 35364       | 35379       | 35380       | 35381       |
| ## | 0.083380249 | 0.138390162 | 0.143303515 | 0.082215745 | 0.497427356 | 0.082215745 |
| ## | 35382       | 35385       | 35386       | 35388       | 35394       | 35400       |
| ## | 0.154321551 | 0.062295844 | 0.419133037 | 0.422765801 | 0.093920066 | 0.108576879 |
| ## | 35407       | 35413       | 35415       | 35419       | 35427       | 35429       |
| ## | 0.173060427 | 0.527924826 | 0.527924826 | 0.154672367 | 0.076495792 | 0.152182905 |
| ## | 35434       | 35436       | 35437       | 35438       | 35446       | 35458       |
| ## | 0.092612186 | 0.092612186 | 0.157937510 | 0.157937510 | 0.158888556 | 0.527924826 |
| ## | 35459       | 35461       | 35465       | 35466       | 35474       | 35479       |
| ## | 0.531637506 | 0.061344200 | 0.149138259 | 0.147517546 | 0.154703421 | 0.093095739 |
| ## | 35484       | 35488       | 35491       | 35499       | 35503       | 35510       |
| ## | 0.140008493 | 0.170300327 | 0.168204803 | 0.502194997 | 0.095096729 | 0.174174989 |
| ## | 35517       | 35520       | 35524       | 35531       | 35534       | 35548       |
| ## | 0.174294560 | 0.104468611 | 0.146597106 | 0.090589723 | 0.149138259 | 0.168204803 |
| ## | 35560       | 35565       | 35576       | 35586       | 35588       | 35590       |
| ## | 0.168204803 | 0.158012991 | 0.519183276 | 0.095096729 | 0.143722043 | 0.480260246 |
| ## | 35591       | 35593       | 35598       | 35601       | 35603       | 35608       |
| ## | 0.143722043 | 0.145565934 | 0.470352666 | 0.143722043 | 0.077177786 | 0.077177786 |
| ## | 35610       | 35612       | 35615       | 35616       | 35621       | 35637       |
| ## | 0.077177786 | 0.143722043 | 0.110728401 | 0.453992173 | 0.074286261 | 0.110152850 |
| ## | 35638       | 35641       | 35650       | 35675       | 35691       | 35699       |
| ## | 0.079805801 | 0.124337811 | 0.133690210 | 0.194326301 | 0.334450680 | 0.079208160 |
| ## | 35701       | 35705       | 35708       | 35709       | 35713       | 35722       |
| ## | 0.079208160 | 0.194326301 | 0.132177374 | 0.117748356 | 0.079208160 | 0.102995852 |
| ## | 35724       | 35733       | 35749       | 35750       | 35751       | 35764       |
| ## | 0.190055199 | 0.261842598 | 0.261842598 | 0.148308696 | 0.258972244 | 0.660391709 |
| ## | 35766       | 35781       | 35788       | 35789       | 35791       | 35794       |
| ## | 0.660391709 | 0.135897946 | 0.149676609 | 0.099798579 | 0.407102514 | 0.163465218 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 35796       | 35806       | 35813       | 35817       | 35822       | 35846       |
| ## | 0.163465218 | 0.161937779 | 0.474325575 | 0.083018900 | 0.161811315 | 0.171625855 |
| ## | 35859       | 35868       | 35877       | 35893       | 35894       | 35900       |
| ## | 0.097578098 | 0.178313159 | 0.178313159 | 0.365518162 | 0.096207885 | 0.166745375 |
| ## | 35909       | 35911       | 35915       | 35918       | 35926       | 35927       |
| ## | 0.117529007 | 0.103400671 | 0.131691391 | 0.100529046 | 0.057925589 | 0.109846111 |
| ## | 35931       | 35934       | 35935       | 35936       | 35941       | 35942       |
| ## | 0.161937779 | 0.096207885 | 0.411136514 | 0.137657594 | 0.157907423 | 0.156769855 |
| ## | 35946       | 35947       | 35956       | 35975       | 35976       | 35977       |
| ## | 0.128753904 | 0.153760333 | 0.140264219 | 0.094919759 | 0.131691391 | 0.073676402 |
| ## | 35978       | 35979       | 35987       | 35991       | 35992       | 35993       |
| ## | 0.095975963 | 0.139294682 | 0.178313159 | 0.097578098 | 0.178313159 | 0.557091481 |
| ## | 35998       | 36004       | 36005       | 36007       | 36011       | 36012       |
| ## | 0.178313159 | 0.178313159 | 0.178313159 | 0.178313159 | 0.097578098 | 0.097578098 |
| ## | 36023       | 36024       | 36041       | 36043       | 36047       | 36051       |
| ## | 0.258972244 | 0.148308696 | 0.258972244 | 0.261842598 | 0.148308696 | 0.258972244 |
| ## | 36055       | 36056       | 36061       | 36068       | 36070       | 36071       |
| ## | 0.638041175 | 0.641475966 | 0.095975963 | 0.093241851 | 0.114355510 | 0.177025300 |
| ## | 36073       | 36084       | 36087       | 36093       | 36103       | 36109       |
| ## | 0.096804648 | 0.084814648 | 0.077513033 | 0.180119404 | 0.122859886 | 0.121262794 |
| ## | 36118       | 36124       | 36126       | 36130       | 36139       | 36146       |
| ## | 0.131019359 | 0.129331839 | 0.129331839 | 0.129331839 | 0.129331839 | 0.133190520 |
| ## | 36161       | 36166       | 36168       | 36169       | 36170       | 36175       |
| ## | 0.154763618 | 0.145233110 | 0.063530779 | 0.029214694 | 0.128834482 | 0.107027855 |
| ## | 36180       | 36184       | 36190       | 36198       | 36201       | 36210       |
| ## | 0.158861952 | 0.158861952 | 0.158861952 | 0.072987652 | 0.149896079 | 0.085786799 |
| ## | 36218       | 36223       | 36231       | 36240       | 36242       | 36247       |
| ## | 0.480128505 | 0.057762433 | 0.158861952 | 0.357891503 | 0.258768200 | 0.157513407 |
| ## | 36251       | 36256       | 36261       | 36272       | 36276       | 36288       |
| ## | 0.106475040 | 0.087853962 | 0.134231034 | 0.586156699 | 0.231732564 | 0.190001597 |
| ## | 36291       | 36295       | 36314       | 36326       | 36337       | 36344       |
| ## | 0.151101251 | 0.194773814 | 0.205742399 | 0.120571055 | 0.226560396 | 0.236172931 |
| ## | 36346       | 36356       | 36357       | 36362       | 36363       | 36373       |
| ## | 0.236172931 | 0.197121898 | 0.186418291 | 0.151686559 | 0.151686559 | 0.266995666 |
| ## | 36374       | 36376       | 36379       | 36380       | 36391       | 36392       |
| ## | 0.264089033 | 0.266995666 | 0.151686559 | 0.264089033 | 0.264089033 | 0.266995666 |
| ## | 36393       | 36394       | 36395       | 36401       | 36406       | 36413       |
| ## | 0.264089033 | 0.266995666 | 0.264089033 | 0.264089033 | 0.266995666 | 0.264089033 |
| ## | 36425       | 36429       | 36430       | 36431       | 36433       | 36435       |
| ## | 0.151686559 | 0.264089033 | 0.151686559 | 0.266995666 | 0.264089033 | 0.264089033 |
| ## | 36444       | 36447       | 36456       | 36457       | 36462       | 36465       |
| ## | 0.264089033 | 0.266995666 | 0.172170006 | 0.459351844 | 0.174134651 | 0.536149548 |
| ## | 36466       | 36467       | 36475       | 36483       | 36486       | 36493       |
| ## | 0.197861230 | 0.460497036 | 0.136573962 | 0.264089033 | 0.264089033 | 0.266995666 |
| ## | 36499       | 36501       | 36507       | 36509       | 36512       | 36515       |
| ## | 0.264089033 | 0.264089033 | 0.264089033 | 0.264089033 | 0.151686559 | 0.234469398 |
| ## | 36518       | 36527       | 36535       | 36536       | 36549       | 36554       |
| ## | 0.234469398 | 0.186193573 | 0.192305889 | 0.563037589 | 0.205925814 | 0.146898102 |
| ## | 36559       | 36571       | 36574       | 36577       | 36578       | 36583       |
| ## | 0.219517418 | 0.166257746 | 0.142357034 | 0.157201177 | 0.138447161 | 0.187134028 |
| ## | 36588       | 36591       | 36592       | 36599       | 36609       | 36623       |
| ## | 0.222685161 | 0.200525386 | 0.489252222 | 0.131225026 | 0.177362169 | 0.146871113 |
| ## | 36636       | 36638       | 36645       | 36648       | 36649       | 36650       |
| ## | 0.264089033 | 0.123110689 | 0.264089033 | 0.264089033 | 0.264089033 | 0.264089033 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 36653       | 36676       | 36679       | 36691       | 36706       | 36707       |
| ## | 0.264089033 | 0.662986350 | 0.264089033 | 0.264089033 | 0.266995666 | 0.264089033 |
| ## | 36714       | 36715       | 36719       | 36723       | 36725       | 36731       |
| ## | 0.188587906 | 0.188587906 | 0.190879093 | 0.103788350 | 0.103788350 | 0.188587906 |
| ## | 36738       | 36739       | 36746       | 36749       | 36750       | 36756       |
| ## | 0.103788350 | 0.188587906 | 0.173100590 | 0.173100590 | 0.175244256 | 0.195814789 |
| ## | 36759       | 36761       | 36766       | 36771       | 36779       | 36782       |
| ## | 0.198172333 | 0.198172333 | 0.195814789 | 0.568549356 | 0.195814789 | 0.575346062 |
| ## | 36783       | 36795       | 36799       | 36808       | 36809       | 36814       |
| ## | 0.575346062 | 0.195814789 | 0.195814789 | 0.121697521 | 0.067148613 | 0.157118340 |
| ## | 36815       | 36816       | 36824       | 36825       | 36826       | 36829       |
| ## | 0.155154687 | 0.178948304 | 0.547267387 | 0.449618910 | 0.106455959 | 0.192965782 |
| ## | 36836       | 36839       | 36861       | 36863       | 36867       | 36882       |
| ## | 0.195297355 | 0.192965782 | 0.568285782 | 0.195297355 | 0.192965782 | 0.096878270 |
| ## | 36883       | 36884       | 36890       | 36893       | 36894       | 36895       |
| ## | 0.541321235 | 0.541829000 | 0.134152132 | 0.134152132 | 0.134152132 | 0.134152132 |
| ## | 36903       | 36922       | 36923       | 36926       | 36942       | 36946       |
| ## | 0.318844666 | 0.103788350 | 0.190879093 | 0.103788350 | 0.175244256 | 0.175244256 |
| ## | 36949       | 36955       | 36960       | 36961       | 36962       | 36964       |
| ## | 0.094454332 | 0.175244256 | 0.198172333 | 0.198172333 | 0.198172333 | 0.198172333 |
| ## | 36972       | 36974       | 36980       | 36989       | 36992       | 37008       |
| ## | 0.108198950 | 0.198172333 | 0.198172333 | 0.572201440 | 0.575346062 | 0.198172333 |
| ## | 37011       | 37014       | 37015       | 37019       | 37029       | 37033       |
| ## | 0.127881315 | 0.058989161 | 0.111749912 | 0.514799054 | 0.148257012 | 0.446439036 |
| ## | 37035       | 37044       | 37048       | 37054       | 37059       | 37062       |
| ## | 0.106455959 | 0.195297355 | 0.192965782 | 0.195297355 | 0.192965782 | 0.192965782 |
| ## | 37073       | 37075       | 37079       | 37100       | 37101       | 37109       |
| ## | 0.179330885 | 0.541829000 | 0.096878270 | 0.357659568 | 0.179144927 | 0.198993159 |
| ## | 37113       | 37116       | 37121       | 37124       | 37132       | 37133       |
| ## | 0.198993159 | 0.201379387 | 0.198993159 | 0.591815731 | 0.173852267 | 0.173852267 |
| ## | 37134       | 37136       | 37145       | 37146       | 37148       | 37149       |
| ## | 0.173852267 | 0.395285295 | 0.198993159 | 0.198993159 | 0.173852267 | 0.173852267 |
| ## | 37162       | 37171       | 37176       | 37189       | 37190       | 37193       |
| ## | 0.175415847 | 0.201018577 | 0.121238233 | 0.111396875 | 0.085160925 | 0.111396875 |
| ## | 37198       | 37201       | 37202       | 37203       | 37206       | 37213       |
| ## | 0.451053916 | 0.120748940 | 0.122340206 | 0.186402674 | 0.057783025 | 0.069584253 |
| ## | 37220       | 37246       | 37248       | 37253       | 37257       | 37259       |
| ## | 0.065736318 | 0.181324976 | 0.197211907 | 0.100165341 | 0.109545748 | 0.181324976 |
| ## | 37266       | 37271       | 37272       | 37282       | 37306       | 37314       |
| ## | 0.154456758 | 0.052550458 | 0.100165341 | 0.179962519 | 0.204009631 | 0.110356587 |
| ## | 37316       | 37319       | 37322       | 37323       | 37325       | 37329       |
| ## | 0.177885888 | 0.177885888 | 0.117041803 | 0.096994745 | 0.099305785 | 0.190533411 |
| ## | 37331       | 37333       | 37339       | 37340       | 37346       | 37356       |
| ## | 0.197722449 | 0.109369127 | 0.112670246 | 0.205504960 | 0.110266612 | 0.199182816 |
| ## | 37360       | 37374       | 37376       | 37378       | 37387       | 37389       |
| ## | 0.201119344 | 0.071912887 | 0.193187917 | 0.193187917 | 0.110847122 | 0.196576949 |
| ## | 37405       | 37422       | 37426       | 37431       | 37434       | 37450       |
| ## | 0.121270616 | 0.258154798 | 0.179411356 | 0.140764359 | 0.142576622 | 0.113192828 |
| ## | 37462       | 37468       | 37473       | 37474       | 37482       | 37485       |
| ## | 0.158167389 | 0.132731402 | 0.129186599 | 0.129186599 | 0.177910493 | 0.180100751 |
| ## | 37504       | 37506       | 37517       | 37521       | 37528       | 37533       |
| ## | 0.182172441 | 0.179962519 | 0.548446025 | 0.184813505 | 0.194278287 | 0.553372368 |
| ## | 37535       | 37542       | 37551       | 37553       | 37554       | 37555       |
| ## | 0.063818286 | 0.180075909 | 0.179526785 | 0.099305785 | 0.099305785 | 0.477517617 |

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| ## | 37563       | 37570       | 37579       | 37595       | 37607       | 37608       |
| ## | 0.197722449 | 0.190711632 | 0.199182816 | 0.127671940 | 0.135194082 | 0.134135641 |
| ## | 37615       | 37616       | 37620       | 37625       | 37629       | 37632       |
| ## | 0.051725853 | 0.094404952 | 0.133220644 | 0.147770903 | 0.163796058 | 0.140764359 |
| ## | 37633       | 37634       | 37671       | 37673       | 37678       | 37686       |
| ## | 0.142576622 | 0.142576622 | 0.073122764 | 0.132441558 | 0.165302544 | 0.165302544 |
| ## | 37704       | 37709       | 37710       | 37711       | 37713       | 37719       |
| ## | 0.478692482 | 0.145257841 | 0.078067329 | 0.489823902 | 0.069730158 | 0.127757855 |
| ## | 37720       | 37721       | 37723       | 37724       | 37729       | 37732       |
| ## | 0.123853610 | 0.069850369 | 0.062786017 | 0.153304611 | 0.078067329 | 0.138503056 |
| ## | 37735       | 37759       | 37774       | 37779       | 37796       | 37804       |
| ## | 0.138508711 | 0.331424619 | 0.118775223 | 0.089186388 | 0.291090238 | 0.330111300 |
| ## | 37805       | 37806       | 37812       | 37814       | 37818       | 37823       |
| ## | 0.476433745 | 0.082478714 | 0.072080358 | 0.496448197 | 0.088748851 | 0.046269280 |
| ## | 37825       | 37829       | 37832       | 37838       | 37844       | 37845       |
| ## | 0.088725885 | 0.149236846 | 0.469435751 | 0.320774437 | 0.138508711 | 0.089814418 |
| ## | 37847       | 37851       | 37852       | 37853       | 37868       | 37869       |
| ## | 0.520528924 | 0.147547963 | 0.466108524 | 0.147547963 | 0.079396532 | 0.060186762 |
| ## | 37874       | 37890       | 37892       | 37893       | 37900       | 37902       |
| ## | 0.079396532 | 0.146585586 | 0.129260957 | 0.098409838 | 0.089186388 | 0.089186388 |
| ## | 37911       | 37913       | 37920       | 37927       | 37930       | 37937       |
| ## | 0.082349043 | 0.150359924 | 0.140436000 | 0.441311510 | 0.135400352 | 0.152836568 |
| ## | 37942       | 37944       | 37946       | 37948       | 37953       | 37954       |
| ## | 0.139183125 | 0.074557432 | 0.139183125 | 0.139183125 | 0.139183125 | 0.074557432 |
| ## | 37962       | 37965       | 37967       | 37969       | 37970       | 37979       |
| ## | 0.074557432 | 0.139183125 | 0.137600322 | 0.073646682 | 0.073646682 | 0.152809247 |
| ## | 37987       | 38013       | 38020       | 38022       | 38025       | 38031       |
| ## | 0.072569000 | 0.149498392 | 0.149498392 | 0.149498392 | 0.149498392 | 0.125756235 |
| ## | 38035       | 38041       | 38045       | 38050       | 38055       | 38058       |
| ## | 0.090916558 | 0.143013520 | 0.452890629 | 0.139183125 | 0.140978371 | 0.139378458 |
| ## | 38060       | 38061       | 38072       | 38076       | 38081       | 38091       |
| ## | 0.479103212 | 0.073646682 | 0.152809247 | 0.103301406 | 0.135723912 | 0.101392219 |
| ## | 38097       | 38122       | 38126       | 38132       | 38141       | 38144       |
| ## | 0.181032285 | 0.089961080 | 0.093227965 | 0.164286357 | 0.070477161 | 0.241990506 |
| ## | 38150       | 38152       | 38154       | 38157       | 38167       | 38169       |
| ## | 0.153330693 | 0.279295380 | 0.279295380 | 0.582652979 | 0.264730835 | 0.264730835 |
| ## | 38171       | 38176       | 38182       | 38183       | 38194       | 38196       |
| ## | 0.267641963 | 0.675336409 | 0.665850375 | 0.200464098 | 0.660599530 | 0.653186387 |
| ## | 38200       | 38202       | 38207       | 38208       | 38211       | 38219       |
| ## | 0.628191356 | 0.237568662 | 0.202089419 | 0.564588833 | 0.280170285 | 0.653186387 |
| ## | 38223       | 38226       | 38227       | 38229       | 38235       | 38239       |
| ## | 0.628191356 | 0.254505686 | 0.245907472 | 0.648179953 | 0.198086026 | 0.190022874 |
| ## | 38240       | 38241       | 38244       | 38248       | 38254       | 38256       |
| ## | 0.241888917 | 0.653968420 | 0.660075991 | 0.596489092 | 0.281847617 | 0.203739038 |
| ## | 38257       | 38261       | 38271       | 38272       | 38281       | 38282       |
| ## | 0.534594177 | 0.184643190 | 0.299724033 | 0.302861462 | 0.578310484 | 0.700684583 |
| ## | 38284       | 38286       | 38289       | 38292       | 38293       | 38294       |
| ## | 0.499822220 | 0.260857883 | 0.649454612 | 0.630701229 | 0.244021060 | 0.623007726 |
| ## | 38299       | 38302       | 38313       | 38315       | 38323       | 38325       |
| ## | 0.202089419 | 0.555699604 | 0.678534284 | 0.660712289 | 0.668061445 | 0.165580051 |
| ## | 38330       | 38334       | 38342       | 38346       | 38350       | 38361       |
| ## | 0.275512713 | 0.629841034 | 0.296092825 | 0.201220426 | 0.668369765 | 0.654981716 |
| ## | 38365       | 38366       | 38370       | 38380       | 38385       | 38386       |
| ## | 0.700561234 | 0.295392746 | 0.294286261 | 0.684265673 | 0.306050771 | 0.309225183 |

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| ## | 38389       | 38398       | 38400       | 38403       | 38412       | 38421       |
| ## | 0.309225183 | 0.269237490 | 0.677011101 | 0.290486279 | 0.644314845 | 0.689525912 |
| ## | 38429       | 38436       | 38442       | 38459       | 38462       | 38467       |
| ## | 0.676373598 | 0.298113997 | 0.295036425 | 0.274121486 | 0.676088422 | 0.551398387 |
| ## | 38472       | 38474       | 38479       | 38484       | 38485       | 38489       |
| ## | 0.625400191 | 0.538300277 | 0.268788299 | 0.319026242 | 0.322272736 | 0.198086026 |
| ## | 38492       | 38502       | 38519       | 38522       | 38528       | 38532       |
| ## | 0.558430139 | 0.294937629 | 0.290248665 | 0.292803849 | 0.261700894 | 0.635639507 |
| ## | 38543       | 38554       | 38568       | 38589       | 38590       | 38597       |
| ## | 0.644314845 | 0.681369616 | 0.681369616 | 0.263335760 | 0.261352323 | 0.700634529 |
| ## | 38606       | 38613       | 38615       | 38616       | 38625       | 38628       |
| ## | 0.254854907 | 0.676373598 | 0.659269842 | 0.311199143 | 0.164021039 | 0.707422222 |
| ## | 38629       | 38639       | 38640       | 38644       | 38646       | 38647       |
| ## | 0.699582419 | 0.512553316 | 0.208578719 | 0.647147252 | 0.558430139 | 0.530371475 |
| ## | 38650       | 38657       | 38658       | 38660       | 38662       | 38663       |
| ## | 0.256617156 | 0.676088422 | 0.514291154 | 0.283773287 | 0.678039453 | 0.679340276 |
| ## | 38670       | 38671       | 38672       | 38679       | 38681       | 38683       |
| ## | 0.730211136 | 0.319026242 | 0.322272736 | 0.200464098 | 0.639954555 | 0.558430139 |
| ## | 38688       | 38689       | 38699       | 38704       | 38710       | 38712       |
| ## | 0.199547951 | 0.199547951 | 0.291847921 | 0.652516512 | 0.261700894 | 0.293328455 |
| ## | 38715       | 38717       | 38719       | 38724       | 38728       | 38730       |
| ## | 0.679349265 | 0.292803849 | 0.676204720 | 0.663775459 | 0.635639507 | 0.635639507 |
| ## | 38736       | 38755       | 38765       | 38769       | 38772       | 38776       |
| ## | 0.251931919 | 0.150586847 | 0.241990506 | 0.501911059 | 0.279295380 | 0.253030287 |
| ## | 38778       | 38779       | 38782       | 38783       | 38784       | 38788       |
| ## | 0.253030287 | 0.253030287 | 0.593141332 | 0.286231775 | 0.698504820 | 0.264730835 |
| ## | 38795       | 38797       | 38802       | 38816       | 38824       | 38830       |
| ## | 0.621902166 | 0.261143619 | 0.685455711 | 0.138111878 | 0.618227766 | 0.197295012 |
| ## | 38838       | 38842       | 38846       | 38848       | 38849       | 38862       |
| ## | 0.694412169 | 0.310590288 | 0.686645041 | 0.302861462 | 0.299724033 | 0.211275916 |
| ## | 38865       | 38872       | 38880       | 38886       | 38888       | 38891       |
| ## | 0.288355468 | 0.652840026 | 0.557200010 | 0.681116655 | 0.172102941 | 0.643945965 |
| ## | 38895       | 38912       | 38916       | 38922       | 38928       | 38929       |
| ## | 0.284821198 | 0.282705666 | 0.573740949 | 0.255196935 | 0.595912443 | 0.638872037 |
| ## | 38937       | 38944       | 38946       | 38953       | 38962       | 38964       |
| ## | 0.130571095 | 0.266650569 | 0.291200559 | 0.291200559 | 0.696869297 | 0.306050771 |
| ## | 38969       | 38971       | 38979       | 38983       | 38989       | 38996       |
| ## | 0.688594142 | 0.688594142 | 0.677011101 | 0.162786658 | 0.162786658 | 0.502390313 |
| ## | 38997       | 39000       | 39005       | 39016       | 39029       | 39030       |
| ## | 0.127185128 | 0.159010190 | 0.164828057 | 0.067113174 | 0.220594893 | 0.123595451 |
| ## | 39032       | 39034       | 39035       | 39036       | 39038       | 39046       |
| ## | 0.220594893 | 0.220594893 | 0.220594893 | 0.220594893 | 0.223167988 | 0.220594893 |
| ## | 39063       | 39066       | 39073       | 39080       | 39081       | 39090       |
| ## | 0.223167988 | 0.080719260 | 0.277244316 | 0.277244316 | 0.234196010 | 0.313359257 |
| ## | 39096       | 39097       | 39100       | 39102       | 39105       | 39107       |
| ## | 0.709188395 | 0.712252520 | 0.712252520 | 0.704042047 | 0.183026512 | 0.310161461 |
| ## | 39114       | 39115       | 39117       | 39127       | 39128       | 39137       |
| ## | 0.697142755 | 0.313359257 | 0.310161461 | 0.714428995 | 0.697142755 | 0.714428995 |
| ## | 39138       | 39146       | 39147       | 39152       | 39157       | 39161       |
| ## | 0.704042047 | 0.704042047 | 0.310161461 | 0.697142755 | 0.313359257 | 0.712252520 |
| ## | 39163       | 39166       | 39172       | 39176       | 39182       | 39183       |
| ## | 0.714428995 | 0.704042047 | 0.714428995 | 0.797027580 | 0.262211518 | 0.419947004 |
| ## | 39190       | 39193       | 39197       | 39200       | 39201       | 39204       |
| ## | 0.805227029 | 0.798744017 | 0.788045964 | 0.419947004 | 0.804370132 | 0.419947004 |

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| ## | 39205       | 39209       | 39212       | 39219       | 39221       | 39227       |
| ## | 0.790524629 | 0.419947004 | 0.790524629 | 0.262211518 | 0.416320992 | 0.419947004 |
| ## | 39237       | 39239       | 39242       | 39252       | 39254       | 39266       |
| ## | 0.419947004 | 0.797027580 | 0.785025806 | 0.798744017 | 0.790524629 | 0.419947004 |
| ## | 39271       | 39272       | 39277       | 39283       | 39291       | 39292       |
| ## | 0.419947004 | 0.419947004 | 0.797027580 | 0.419947004 | 0.419947004 | 0.419947004 |
| ## | 39294       | 39295       | 39300       | 39303       | 39306       | 39312       |
| ## | 0.419947004 | 0.419947004 | 0.416320992 | 0.790524629 | 0.785025806 | 0.416320992 |
| ## | 39321       | 39323       | 39328       | 39332       | 39335       | 39336       |
| ## | 0.419947004 | 0.419947004 | 0.806305580 | 0.419947004 | 0.785025806 | 0.797027580 |
| ## | 39345       | 39347       | 39354       | 39359       | 39360       | 39364       |
| ## | 0.419947004 | 0.797027580 | 0.419947004 | 0.419947004 | 0.419947004 | 0.798744017 |
| ## | 39368       | 39375       | 39382       | 39384       | 39390       | 39391       |
| ## | 0.419947004 | 0.416320992 | 0.798744017 | 0.785025806 | 0.797027580 | 0.419947004 |
| ## | 39402       | 39410       | 39411       | 39417       | 39427       | 39428       |
| ## | 0.416320992 | 0.785025806 | 0.785025806 | 0.790524629 | 0.419947004 | 0.419947004 |
| ## | 39433       | 39437       | 39453       | 39464       | 39471       | 39473       |
| ## | 0.164950215 | 0.200147305 | 0.315463362 | 0.716416319 | 0.315463362 | 0.312253859 |
| ## | 39491       | 39496       | 39504       | 39510       | 39514       | 39518       |
| ## | 0.315463362 | 0.312253859 | 0.555406891 | 0.555406891 | 0.153739417 | 0.153739417 |
| ## | 39520       | 39521       | 39527       | 39533       | 39534       | 39539       |
| ## | 0.274180088 | 0.670114569 | 0.656562344 | 0.606690445 | 0.569838015 | 0.641411640 |
| ## | 39541       | 39547       | 39549       | 39552       | 39556       | 39558       |
| ## | 0.227171563 | 0.680706624 | 0.664720131 | 0.312253859 | 0.315463362 | 0.315463362 |
| ## | 39568       | 39579       | 39582       | 39584       | 39595       | 39597       |
| ## | 0.315463362 | 0.569838015 | 0.240623302 | 0.566233952 | 0.272734327 | 0.224565651 |
| ## | 39602       | 39603       | 39612       | 39615       | 39628       | 39631       |
| ## | 0.688594699 | 0.490852612 | 0.196593811 | 0.249343065 | 0.714428995 | 0.697142755 |
| ## | 39633       | 39651       | 39657       | 39660       | 39663       | 39669       |
| ## | 0.704042047 | 0.310161461 | 0.712252520 | 0.697142755 | 0.310161461 | 0.704042047 |
| ## | 39671       | 39676       | 39678       | 39681       | 39687       | 39688       |
| ## | 0.714428995 | 0.310161461 | 0.310161461 | 0.313359257 | 0.419947004 | 0.419947004 |
| ## | 39709       | 39711       | 39718       | 39724       | 39725       | 39742       |
| ## | 0.416320992 | 0.785025806 | 0.419947004 | 0.416320992 | 0.419947004 | 0.790524629 |
| ## | 39753       | 39760       | 39764       | 39772       | 39773       | 39775       |
| ## | 0.419947004 | 0.416320992 | 0.416320992 | 0.416320992 | 0.262211518 | 0.419947004 |
| ## | 39788       | 39793       | 39800       | 39808       | 39820       | 39829       |
| ## | 0.785025806 | 0.419947004 | 0.419947004 | 0.419947004 | 0.419947004 | 0.580148360 |
| ## | 39842       | 39845       | 39847       | 39848       | 39859       | 39868       |
| ## | 0.785025806 | 0.419947004 | 0.262211518 | 0.798744017 | 0.262211518 | 0.785025806 |
| ## | 39869       | 39876       | 39887       | 39893       | 39894       | 39896       |
| ## | 0.208802348 | 0.797027580 | 0.419947004 | 0.416320992 | 0.790524629 | 0.419947004 |
| ## | 39902       | 39915       | 39925       | 39931       | 39936       | 39938       |
| ## | 0.790524629 | 0.419947004 | 0.416320992 | 0.419947004 | 0.785025806 | 0.419947004 |
| ## | 39940       | 39943       | 39950       | 39958       | 39961       | 39973       |
| ## | 0.785025806 | 0.790524629 | 0.790524629 | 0.419947004 | 0.419947004 | 0.175194676 |
| ## | 39978       | 39980       | 39983       | 39989       | 39990       | 39991       |
| ## | 0.094424992 | 0.094424992 | 0.176040134 | 0.096213726 | 0.176040134 | 0.096213726 |
| ## | 39993       | 39994       | 39997       | 40005       | 40007       | 40012       |
| ## | 0.096213726 | 0.221822786 | 0.589794054 | 0.219260823 | 0.221822786 | 0.173051489 |
| ## | 40015       | 40017       | 40018       | 40030       | 40042       | 40045       |
| ## | 0.094424992 | 0.094424992 | 0.175194676 | 0.176040134 | 0.122755605 | 0.221822786 |
| ## | 40051       | 40055       | 40071       | 40078       | 40080       | 40081       |
| ## | 0.589794054 | 0.219260823 | 0.183831583 | 0.195479682 | 0.193146455 | 0.193146455 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 40082       | 40086       | 40093       | 40103       | 40105       | 40108       |
| ## | 0.193146455 | 0.158430491 | 0.169032606 | 0.110631117 | 0.088256376 | 0.093303989 |
| ## | 40110       | 40124       | 40133       | 40140       | 40144       | 40150       |
| ## | 0.176381789 | 0.176922782 | 0.552672553 | 0.128777000 | 0.150761412 | 0.421022650 |
| ## | 40152       | 40154       | 40162       | 40167       | 40170       | 40175       |
| ## | 0.128153767 | 0.122755605 | 0.085132120 | 0.140068045 | 0.168169596 | 0.179103530 |
| ## | 40184       | 40187       | 40192       | 40196       | 40203       | 40206       |
| ## | 0.100775700 | 0.543380920 | 0.185862741 | 0.128777000 | 0.107306094 | 0.101957708 |
| ## | 40208       | 40210       | 40214       | 40216       | 40220       | 40227       |
| ## | 0.107798899 | 0.056480598 | 0.093715602 | 0.126470672 | 0.126470672 | 0.088638254 |
| ## | 40228       | 40230       | 40238       | 40252       | 40254       | 40255       |
| ## | 0.089849599 | 0.083750555 | 0.119527971 | 0.082613974 | 0.066904662 | 0.127446866 |
| ## | 40261       | 40263       | 40264       | 40265       | 40267       | 40275       |
| ## | 0.127570265 | 0.105758306 | 0.112793676 | 0.112793676 | 0.119527971 | 0.127446866 |
| ## | 40295       | 40296       | 40297       | 40304       | 40305       | 40316       |
| ## | 0.666332554 | 0.677436603 | 0.243875062 | 0.261821817 | 0.134038016 | 0.279772149 |
| ## | 40320       | 40325       | 40330       | 40335       | 40343       | 40351       |
| ## | 0.253767497 | 0.264157501 | 0.261420206 | 0.264308015 | 0.261420206 | 0.264308015 |
| ## | 40356       | 40366       | 40375       | 40377       | 40384       | 40385       |
| ## | 0.261420206 | 0.261420206 | 0.246026762 | 0.230150454 | 0.274016055 | 0.276990823 |
| ## | 40391       | 40403       | 40404       | 40405       | 40406       | 40429       |
| ## | 0.245186020 | 0.095674495 | 0.235995854 | 0.279772149 | 0.282785066 | 0.149922235 |
| ## | 40431       | 40437       | 40438       | 40450       | 40456       | 40461       |
| ## | 0.149922235 | 0.264308015 | 0.264308015 | 0.651896329 | 0.246026762 | 0.327020666 |
| ## | 40464       | 40476       | 40477       | 40479       | 40483       | 40493       |
| ## | 0.327020666 | 0.330309053 | 0.327020666 | 0.330309053 | 0.330309053 | 0.330309053 |
| ## | 40494       | 40499       | 40504       | 40507       | 40513       | 40516       |
| ## | 0.327020666 | 0.327020666 | 0.330309053 | 0.327020666 | 0.217492022 | 0.121644024 |
| ## | 40518       | 40521       | 40523       | 40541       | 40544       | 40545       |
| ## | 0.220039142 | 0.217492022 | 0.217492022 | 0.132031619 | 0.132611790 | 0.234791656 |
| ## | 40553       | 40556       | 40564       | 40566       | 40575       | 40578       |
| ## | 0.208803164 | 0.152545828 | 0.129845606 | 0.122818813 | 0.238885271 | 0.241605577 |
| ## | 40580       | 40587       | 40591       | 40603       | 40607       | 40611       |
| ## | 0.196913867 | 0.185092960 | 0.137399193 | 0.327020666 | 0.330309053 | 0.330309053 |
| ## | 40635       | 40636       | 40637       | 40651       | 40654       | 40655       |
| ## | 0.327020666 | 0.330309053 | 0.194927865 | 0.217492022 | 0.220039142 | 0.121644024 |
| ## | 40658       | 40670       | 40672       | 40679       | 40682       | 40687       |
| ## | 0.217492022 | 0.144009441 | 0.170507000 | 0.143521637 | 0.161043527 | 0.096100994 |
| ## | 40688       | 40696       | 40701       | 40704       | 40706       | 40708       |
| ## | 0.175852069 | 0.096100994 | 0.132835722 | 0.132835722 | 0.038523049 | 0.511927862 |
| ## | 40709       | 40713       | 40719       | 40720       | 40726       | 40727       |
| ## | 0.087835864 | 0.082797893 | 0.131258310 | 0.080937113 | 0.091161360 | 0.082371472 |
| ## | 40728       | 40734       | 40742       | 40747       | 40749       | 40752       |
| ## | 0.452537296 | 0.114290826 | 0.152515148 | 0.414791804 | 0.066074349 | 0.156800127 |
| ## | 40753       | 40761       | 40762       | 40763       | 40768       | 40777       |
| ## | 0.154839720 | 0.145670905 | 0.147535491 | 0.096293384 | 0.159597388 | 0.159597388 |
| ## | 40781       | 40782       | 40795       | 40798       | 40799       | 40800       |
| ## | 0.084509132 | 0.425778758 | 0.236726765 | 0.133852061 | 0.438037400 | 0.610039929 |
| ## | 40806       | 40813       | 40815       | 40820       | 40823       | 40826       |
| ## | 0.239430223 | 0.236726765 | 0.133852061 | 0.613579508 | 0.236726765 | 0.234647331 |
| ## | 40830       | 40832       | 40849       | 40850       | 40852       | 40854       |
| ## | 0.132519397 | 0.234647331 | 0.133852061 | 0.630649526 | 0.236726765 | 0.133852061 |
| ## | 40860       | 40862       | 40868       | 40870       | 40873       | 40876       |
| ## | 0.236726765 | 0.236726765 | 0.610838968 | 0.234647331 | 0.234647331 | 0.234647331 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 40882       | 40891       | 40897       | 40899       | 40901       | 40908       |
| ## | 0.610838968 | 0.095648246 | 0.144285916 | 0.140868451 | 0.051573826 | 0.086150448 |
| ## | 40916       | 40921       | 40922       | 40928       | 40932       | 40933       |
| ## | 0.160141580 | 0.140265958 | 0.168338584 | 0.525978023 | 0.326237243 | 0.480676150 |
| ## | 40934       | 40940       | 40941       | 40942       | 40958       | 40960       |
| ## | 0.155050831 | 0.080145506 | 0.113989461 | 0.103132842 | 0.439924705 | 0.134003767 |
| ## | 40964       | 40967       | 40970       | 40974       | 40987       | 40988       |
| ## | 0.079500234 | 0.137457874 | 0.141782288 | 0.144122395 | 0.155925571 | 0.155302640 |
| ## | 41001       | 41005       | 41008       | 41009       | 41010       | 41016       |
| ## | 0.155302640 | 0.491031730 | 0.163250161 | 0.146671320 | 0.146671320 | 0.150245316 |
| ## | 41017       | 41019       | 41024       | 41044       | 41051       | 41056       |
| ## | 0.150245316 | 0.531674669 | 0.527962022 | 0.183723539 | 0.503034718 | 0.138230365 |
| ## | 41060       | 41073       | 41090       | 41091       | 41092       | 41107       |
| ## | 0.455199770 | 0.091293785 | 0.155302640 | 0.481155647 | 0.484877247 | 0.155302640 |
| ## | 41116       | 41120       | 41129       | 41136       | 41141       | 41157       |
| ## | 0.098880139 | 0.075823854 | 0.181498976 | 0.448692860 | 0.192936349 | 0.113763498 |
| ## | 41159       | 41160       | 41168       | 41171       | 41174       | 41175       |
| ## | 0.149625527 | 0.103239842 | 0.171756203 | 0.193095344 | 0.193095344 | 0.537447133 |
| ## | 41179       | 41182       | 41183       | 41192       | 41203       | 41210       |
| ## | 0.138841567 | 0.119680064 | 0.465477926 | 0.177215768 | 0.175636953 | 0.109424357 |
| ## | 41211       | 41212       | 41215       | 41219       | 41221       | 41228       |
| ## | 0.109424357 | 0.109424357 | 0.109424357 | 0.109424357 | 0.109424357 | 0.390418611 |
| ## | 41239       | 41244       | 41257       | 41264       | 41265       | 41272       |
| ## | 0.090827307 | 0.080617448 | 0.108535842 | 0.182419739 | 0.156829868 | 0.066648095 |
| ## | 41274       | 41279       | 41287       | 41290       | 41299       | 41303       |
| ## | 0.066648095 | 0.175636953 | 0.536387563 | 0.161539541 | 0.320402081 | 0.721876571 |
| ## | 41307       | 41310       | 41311       | 41320       | 41324       | 41327       |
| ## | 0.190227028 | 0.269997249 | 0.608653185 | 0.519048856 | 0.125686102 | 0.692365761 |
| ## | 41334       | 41344       | 41347       | 41349       | 41350       | 41357       |
| ## | 0.287992368 | 0.288453816 | 0.657328820 | 0.290260285 | 0.290260285 | 0.247051419 |
| ## | 41359       | 41361       | 41367       | 41368       | 41374       | 41382       |
| ## | 0.197917613 | 0.207231488 | 0.291363081 | 0.291363081 | 0.291363081 | 0.167982894 |
| ## | 41385       | 41389       | 41397       | 41398       | 41399       | 41401       |
| ## | 0.184339023 | 0.294074067 | 0.290989672 | 0.705059252 | 0.657257109 | 0.283151236 |
| ## | 41406       | 41415       | 41425       | 41430       | 41432       | 41436       |
| ## | 0.556361953 | 0.190227028 | 0.192702671 | 0.198627478 | 0.176936269 | 0.698892873 |
| ## | 41439       | 41440       | 41449       | 41451       | 41455       | 41456       |
| ## | 0.690094073 | 0.692365761 | 0.699339844 | 0.300600678 | 0.248190845 | 0.283843582 |
| ## | 41461       | 41466       | 41476       | 41480       | 41483       | 41487       |
| ## | 0.114649369 | 0.694711035 | 0.247051419 | 0.337436681 | 0.705059252 | 0.283151236 |
| ## | 41493       | 41499       | 41500       | 41503       | 41504       | 41514       |
| ## | 0.709265908 | 0.141121495 | 0.141121495 | 0.157930305 | 0.159922437 | 0.049359223 |
| ## | 41520       | 41522       | 41524       | 41525       | 41536       | 41541       |
| ## | 0.102861814 | 0.386434554 | 0.386434554 | 0.026294968 | 0.114616777 | 0.094850626 |
| ## | 41542       | 41564       | 41566       | 41568       | 41571       | 41574       |
| ## | 0.093875739 | 0.228385995 | 0.228385995 | 0.228385995 | 0.224797438 | 0.605410465 |
| ## | 41577       | 41580       | 41581       | 41582       | 41592       | 41594       |
| ## | 0.341595064 | 0.181866724 | 0.326931545 | 0.326931545 | 0.326931545 | 0.194864319 |
| ## | 41600       | 41602       | 41613       | 41628       | 41629       | 41632       |
| ## | 0.330219476 | 0.326931545 | 0.330219476 | 0.326931545 | 0.326931545 | 0.330219476 |
| ## | 41634       | 41636       | 41638       | 41641       | 41649       | 41654       |
| ## | 0.326931545 | 0.326931545 | 0.326931545 | 0.719884551 | 0.326931545 | 0.326931545 |
| ## | 41657       | 41672       | 41676       | 41678       | 41689       | 41690       |
| ## | 0.326931545 | 0.330219476 | 0.326931545 | 0.326931545 | 0.157250670 | 0.214928448 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 41696       | 41702       | 41704       | 41705       | 41710       | 41714       |
| ## | 0.214928448 | 0.214928448 | 0.214928448 | 0.214928448 | 0.214928448 | 0.214928448 |
| ## | 41718       | 41720       | 41722       | 41723       | 41725       | 41729       |
| ## | 0.214928448 | 0.580338219 | 0.562555854 | 0.582928207 | 0.200759887 | 0.212324469 |
| ## | 41734       | 41736       | 41739       | 41741       | 41743       | 41745       |
| ## | 0.224797438 | 0.093432867 | 0.224797438 | 0.227405251 | 0.206119117 | 0.203691051 |
| ## | 41762       | 41767       | 41769       | 41770       | 41777       | 41785       |
| ## | 0.194864319 | 0.326931545 | 0.326931545 | 0.330219476 | 0.326931545 | 0.330219476 |
| ## | 41786       | 41790       | 41793       | 41794       | 41798       | 41799       |
| ## | 0.326931545 | 0.326931545 | 0.326931545 | 0.326931545 | 0.326931545 | 0.326931545 |
| ## | 41807       | 41810       | 41811       | 41813       | 41815       | 41822       |
| ## | 0.726980728 | 0.326931545 | 0.330219476 | 0.330219476 | 0.729928776 | 0.326931545 |
| ## | 41826       | 41828       | 41833       | 41834       | 41835       | 41836       |
| ## | 0.326931545 | 0.330219476 | 0.209863026 | 0.209863026 | 0.209863026 | 0.217450617 |
| ## | 41838       | 41839       | 41841       | 41842       | 41844       | 41848       |
| ## | 0.219997388 | 0.217450617 | 0.203273830 | 0.205698208 | 0.214928448 | 0.217453888 |
| ## | 41851       | 41852       | 41853       | 41866       | 41872       | 41885       |
| ## | 0.726980728 | 0.326931545 | 0.330219476 | 0.326931545 | 0.194864319 | 0.326931545 |
| ## | 41887       | 41890       | 41894       | 41898       | 41899       | 41900       |
| ## | 0.301584727 | 0.304733158 | 0.207619894 | 0.348005576 | 0.201772975 | 0.201772975 |
| ## | 41901       | 41902       | 41904       | 41916       | 41917       | 41924       |
| ## | 0.320615462 | 0.721217528 | 0.320615462 | 0.305532831 | 0.305532831 | 0.305828911 |
| ## | 41933       | 41936       | 41942       | 41945       | 41949       | 41954       |
| ## | 0.326146240 | 0.322879315 | 0.322879315 | 0.326146240 | 0.334832920 | 0.347260022 |
| ## | 41957       | 41959       | 41964       | 41967       | 41982       | 41990       |
| ## | 0.347260022 | 0.155960011 | 0.294337024 | 0.280196917 | 0.306929144 | 0.180771923 |
| ## | 41996       | 42002       | 42004       | 42008       | 42015       | 42029       |
| ## | 0.333190257 | 0.353922615 | 0.350522189 | 0.333023811 | 0.318819617 | 0.357091412 |
| ## | 42031       | 42032       | 42038       | 42039       | 42044       | 42047       |
| ## | 0.349834989 | 0.349834989 | 0.330270063 | 0.308948213 | 0.322879315 | 0.315545813 |
| ## | 42058       | 42062       | 42068       | 42073       | 42083       | 42091       |
| ## | 0.310571286 | 0.183312990 | 0.313771386 | 0.701328429 | 0.478486308 | 0.478486308 |
| ## | 42095       | 42096       | 42097       | 42104       | 42107       | 42108       |
| ## | 0.478486308 | 0.474768551 | 0.474768551 | 0.474768551 | 0.310534285 | 0.474768551 |
| ## | 42109       | 42111       | 42113       | 42115       | 42132       | 42141       |
| ## | 0.478486308 | 0.478486308 | 0.478486308 | 0.474768551 | 0.474768551 | 0.310534285 |
| ## | 42145       | 42150       | 42154       | 42186       | 42190       | 42193       |
| ## | 0.474768551 | 0.474768551 | 0.474768551 | 0.478486308 | 0.474768551 | 0.474768551 |
| ## | 42197       | 42210       | 42215       | 42226       | 42228       | 42233       |
| ## | 0.310534285 | 0.474768551 | 0.310534285 | 0.478486308 | 0.474768551 | 0.478486308 |
| ## | 42249       | 42253       | 42260       | 42262       | 42263       | 42273       |
| ## | 0.478486308 | 0.474768551 | 0.478486308 | 0.478486308 | 0.474768551 | 0.478486308 |
| ## | 42285       | 42291       | 42317       | 42319       | 42327       | 42329       |
| ## | 0.320445058 | 0.317037296 | 0.339901063 | 0.201772975 | 0.728563477 | 0.218694540 |
| ## | 42341       | 42343       | 42346       | 42349       | 42354       | 42358       |
| ## | 0.289221266 | 0.314657976 | 0.314657976 | 0.317880769 | 0.676137587 | 0.692131742 |
| ## | 42362       | 42372       | 42374       | 42377       | 42378       | 42379       |
| ## | 0.283632844 | 0.317880769 | 0.317880769 | 0.323284718 | 0.324218087 | 0.324209668 |
| ## | 42387       | 42394       | 42406       | 42409       | 42412       | 42423       |
| ## | 0.327795304 | 0.318992084 | 0.326606298 | 0.207019298 | 0.327016315 | 0.314507061 |
| ## | 42426       | 42428       | 42441       | 42446       | 42454       | 42455       |
| ## | 0.244445694 | 0.341035220 | 0.316070976 | 0.316070976 | 0.316070976 | 0.169280036 |
| ## | 42461       | 42470       | 42472       | 42481       | 42483       | 42487       |
| ## | 0.326146240 | 0.734444792 | 0.346651773 | 0.196857020 | 0.329721704 | 0.318538127 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 42488       | 42494       | 42501       | 42503       | 42506       | 42513       |
| ## | 0.331349869 | 0.336684178 | 0.336684178 | 0.444071118 | 0.444071118 | 0.806343824 |
| ## | 42521       | 42523       | 42528       | 42538       | 42542       | 42543       |
| ## | 0.444071118 | 0.444071118 | 0.221975895 | 0.444071118 | 0.336152621 | 0.735989465 |
| ## | 42548       | 42549       | 42552       | 42556       | 42566       | 42571       |
| ## | 0.647043223 | 0.250605356 | 0.647043223 | 0.385885023 | 0.385885023 | 0.768763528 |
| ## | 42576       | 42584       | 42588       | 42591       | 42597       | 42598       |
| ## | 0.238439542 | 0.385885023 | 0.238439542 | 0.389422811 | 0.238439542 | 0.385885023 |
| ## | 42600       | 42601       | 42604       | 42613       | 42614       | 42619       |
| ## | 0.385885023 | 0.385885023 | 0.385885023 | 0.385885023 | 0.768763528 | 0.238439542 |
| ## | 42623       | 42625       | 42626       | 42631       | 42637       | 42650       |
| ## | 0.385885023 | 0.385885023 | 0.385885023 | 0.385885023 | 0.238439542 | 0.385885023 |
| ## | 42658       | 42667       | 42677       | 42679       | 42684       | 42685       |
| ## | 0.385885023 | 0.389422811 | 0.330270063 | 0.730311493 | 0.329707065 | 0.231748076 |
| ## | 42698       | 42715       | 42717       | 42724       | 42729       | 42730       |
| ## | 0.329600649 | 0.706803311 | 0.305435783 | 0.338308801 | 0.323916178 | 0.313177077 |
| ## | 42731       | 42733       | 42737       | 42739       | 42741       | 42742       |
| ## | 0.328401197 | 0.345345961 | 0.367938807 | 0.367938807 | 0.367938807 | 0.367938807 |
| ## | 42750       | 42752       | 42755       | 42768       | 42778       | 42782       |
| ## | 0.313761216 | 0.353018540 | 0.218016962 | 0.338299896 | 0.322753715 | 0.279347481 |
| ## | 42785       | 42789       | 42797       | 42799       | 42800       | 42802       |
| ## | 0.330386318 | 0.333691767 | 0.226971197 | 0.317074296 | 0.320951634 | 0.317712209 |
| ## | 42804       | 42812       | 42814       | 42819       | 42822       | 42823       |
| ## | 0.320951634 | 0.350583708 | 0.350583708 | 0.350583708 | 0.317729025 | 0.749021717 |
| ## | 42827       | 42831       | 42842       | 42849       | 42856       | 42858       |
| ## | 0.227138248 | 0.327602477 | 0.301561693 | 0.322238395 | 0.321947596 | 0.315288479 |
| ## | 42864       | 42867       | 42868       | 42869       | 42885       | 42887       |
| ## | 0.354553070 | 0.357971047 | 0.347576535 | 0.347576535 | 0.341035220 | 0.341035220 |
| ## | 42889       | 42890       | 42894       | 42900       | 42906       | 42912       |
| ## | 0.740204064 | 0.344392414 | 0.341035220 | 0.316070976 | 0.316070976 | 0.721304482 |
| ## | 42918       | 42924       | 42926       | 42928       | 42932       | 42937       |
| ## | 0.322879315 | 0.300415126 | 0.345342239 | 0.194088723 | 0.206639131 | 0.348005576 |
| ## | 42940       | 42944       | 42954       | 42956       | 42960       | 42962       |
| ## | 0.201772975 | 0.721217528 | 0.329600649 | 0.332902146 | 0.305532831 | 0.302379732 |
| ## | 42964       | 42974       | 42983       | 42987       | 42997       | 43000       |
| ## | 0.343284086 | 0.329721704 | 0.447753415 | 0.447753415 | 0.447753415 | 0.305532831 |
| ## | 43002       | 43003       | 43007       | 43009       | 43011       | 43012       |
| ## | 0.177613247 | 0.302379732 | 0.341471889 | 0.136750698 | 0.186883498 | 0.172327884 |
| ## | 43013       | 43015       | 43035       | 43041       | 43043       | 43057       |
| ## | 0.710263648 | 0.309002047 | 0.347260022 | 0.447753415 | 0.447753415 | 0.447753415 |
| ## | 43060       | 43061       | 43064       | 43077       | 43083       | 43089       |
| ## | 0.447753415 | 0.447753415 | 0.228126433 | 0.344305977 | 0.294337024 | 0.310108595 |
| ## | 43092       | 43095       | 43102       | 43104       | 43108       | 43110       |
| ## | 0.310108595 | 0.180771923 | 0.310108595 | 0.140785587 | 0.647043223 | 0.250605356 |
| ## | 43119       | 43126       | 43140       | 43148       | 43153       | 43155       |
| ## | 0.389422811 | 0.385885023 | 0.385885023 | 0.732562492 | 0.160941170 | 0.353922615 |
| ## | 43157       | 43160       | 43162       | 43169       | 43170       | 43174       |
| ## | 0.353922615 | 0.353922615 | 0.750187552 | 0.340822957 | 0.340822957 | 0.563922263 |
| ## | 43183       | 43185       | 43197       | 43198       | 43203       | 43210       |
| ## | 0.238439542 | 0.385885023 | 0.385885023 | 0.238439542 | 0.238439542 | 0.385885023 |
| ## | 43212       | 43215       | 43223       | 43227       | 43228       | 43232       |
| ## | 0.360520192 | 0.357091412 | 0.324295171 | 0.332783792 | 0.194900204 | 0.305775385 |
| ## | 43234       | 43235       | 43237       | 43241       | 43244       | 43250       |
| ## | 0.322242582 | 0.172796009 | 0.322879315 | 0.709277969 | 0.315545813 | 0.238439542 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 43253       | 43266       | 43267       | 43269       | 43271       | 43272       |
| ## | 0.389422811 | 0.385885023 | 0.385885023 | 0.188634429 | 0.385885023 | 0.238439542 |
| ## | 43286       | 43290       | 43294       | 43299       | 43311       | 43318       |
| ## | 0.331696624 | 0.310571286 | 0.310571286 | 0.310571286 | 0.474768551 | 0.389422811 |
| ## | 43322       | 43325       | 43334       | 43342       | 43346       | 43358       |
| ## | 0.766103555 | 0.385885023 | 0.385885023 | 0.183295794 | 0.238439542 | 0.474768551 |
| ## | 43359       | 43360       | 43361       | 43365       | 43366       | 43368       |
| ## | 0.474768551 | 0.310534285 | 0.478486308 | 0.478486308 | 0.474768551 | 0.310534285 |
| ## | 43374       | 43378       | 43382       | 43388       | 43398       | 43404       |
| ## | 0.478486308 | 0.478486308 | 0.474768551 | 0.478486308 | 0.145835964 | 0.348723135 |
| ## | 43414       | 43415       | 43417       | 43424       | 43434       | 43435       |
| ## | 0.364479686 | 0.364479686 | 0.367938807 | 0.478486308 | 0.474768551 | 0.474768551 |
| ## | 43439       | 43442       | 43446       | 43452       | 43456       | 43459       |
| ## | 0.474768551 | 0.474768551 | 0.474768551 | 0.474768551 | 0.474768551 | 0.832080183 |
| ## | 43465       | 43469       | 43481       | 43486       | 43500       | 43506       |
| ## | 0.313761216 | 0.249224458 | 0.341644124 | 0.215637580 | 0.478486308 | 0.478486308 |
| ## | 43510       | 43512       | 43525       | 43547       | 43550       | 43551       |
| ## | 0.474768551 | 0.478486308 | 0.478486308 | 0.306535900 | 0.229596758 | 0.229596758 |
| ## | 43555       | 43558       | 43563       | 43566       | 43568       | 43573       |
| ## | 0.625093813 | 0.320951634 | 0.317729025 | 0.474768551 | 0.478486308 | 0.474768551 |
| ## | 43574       | 43575       | 43585       | 43598       | 43599       | 43604       |
| ## | 0.478486308 | 0.474768551 | 0.474768551 | 0.474768551 | 0.474768551 | 0.321417876 |
| ## | 43612       | 43614       | 43618       | 43621       | 43626       | 43636       |
| ## | 0.478486308 | 0.474768551 | 0.478486308 | 0.474768551 | 0.478486308 | 0.474768551 |
| ## | 43642       | 43648       | 43654       | 43658       | 43660       | 43664       |
| ## | 0.474768551 | 0.310534285 | 0.474768551 | 0.478486308 | 0.478486308 | 0.317208358 |
| ## | 43674       | 43676       | 43677       | 43681       | 43689       | 43699       |
| ## | 0.209127478 | 0.350082165 | 0.350082165 | 0.316391704 | 0.351594906 | 0.330956294 |
| ## | 43702       | 43703       | 43708       | 43712       | 43713       | 43715       |
| ## | 0.230861339 | 0.096827103 | 0.201772975 | 0.339901063 | 0.336565174 | 0.324209668 |
| ## | 43720       | 43725       | 43731       | 43734       | 43737       | 43742       |
| ## | 0.106139536 | 0.186563311 | 0.204643863 | 0.227198492 | 0.227198492 | 0.478503930 |
| ## | 43747       | 43752       | 43754       | 43768       | 43773       | 43775       |
| ## | 0.194788886 | 0.561387999 | 0.197137106 | 0.049489451 | 0.578155869 | 0.192447603 |
| ## | 43784       | 43795       | 43796       | 43804       | 43824       | 43827       |
| ## | 0.601515786 | 0.136626685 | 0.136757050 | 0.197137106 | 0.198770400 | 0.198770400 |
| ## | 43829       | 43830       | 43834       | 43835       | 43837       | 43853       |
| ## | 0.096852822 | 0.127427700 | 0.422038832 | 0.421000079 | 0.490567433 | 0.199132377 |
| ## | 43855       | 43856       | 43858       | 43861       | 43862       | 43863       |
| ## | 0.157992814 | 0.106027537 | 0.189023393 | 0.140116548 | 0.525299342 | 0.184977058 |
| ## | 43865       | 43867       | 43869       | 43872       | 43875       | 43877       |
| ## | 0.196635625 | 0.570484842 | 0.196100457 | 0.168912761 | 0.112149126 | 0.198671516 |
| ## | 43885       | 43891       | 43897       | 43901       | 43903       | 43905       |
| ## | 0.108901940 | 0.192920385 | 0.125224592 | 0.118655999 | 0.404432490 | 0.117106259 |
| ## | 43910       | 43914       | 43915       | 43916       | 43925       | 43926       |
| ## | 0.550316232 | 0.198460592 | 0.109733873 | 0.100656460 | 0.581103303 | 0.196309487 |
| ## | 43929       | 43944       | 43946       | 43947       | 43953       | 43954       |
| ## | 0.176443846 | 0.135219041 | 0.102415754 | 0.102415754 | 0.145486646 | 0.143643590 |
| ## | 43968       | 43969       | 43976       | 43978       | 43986       | 43988       |
| ## | 0.049241319 | 0.095434681 | 0.089781476 | 0.348532527 | 0.145486646 | 0.145486646 |
| ## | 43990       | 44004       | 44011       | 44012       | 44013       | 44015       |
| ## | 0.145486646 | 0.105516766 | 0.110299086 | 0.111770146 | 0.192394493 | 0.161960474 |
| ## | 44021       | 44024       | 44027       | 44029       | 44031       | 44035       |
| ## | 0.170247095 | 0.164238056 | 0.502977533 | 0.158305895 | 0.509578922 | 0.092751869 |

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| ## | 44038       | 44040       | 44044       | 44046       | 44057       | 44062       |
| ## | 0.195268123 | 0.195268123 | 0.173802292 | 0.171672593 | 0.135367335 | 0.155065652 |
| ## | 44066       | 44070       | 44072       | 44078       | 44081       | 44084       |
| ## | 0.083783131 | 0.144716348 | 0.172811772 | 0.170691703 | 0.521300175 | 0.175231517 |
| ## | 44092       | 44097       | 44113       | 44116       | 44117       | 44120       |
| ## | 0.158428974 | 0.171672593 | 0.157271689 | 0.481829033 | 0.149166282 | 0.159188659 |
| ## | 44123       | 44126       | 44127       | 44129       | 44130       | 44135       |
| ## | 0.499976170 | 0.155656803 | 0.499976170 | 0.080337806 | 0.149166282 | 0.139059506 |
| ## | 44139       | 44143       | 44146       | 44147       | 44152       | 44156       |
| ## | 0.145910463 | 0.145910463 | 0.147777585 | 0.147777585 | 0.145910463 | 0.147777585 |
| ## | 44164       | 44165       | 44167       | 44177       | 44179       | 44192       |
| ## | 0.120053346 | 0.120053346 | 0.120053346 | 0.147777585 | 0.145910463 | 0.126274599 |
| ## | 44194       | 44201       | 44212       | 44216       | 44218       | 44223       |
| ## | 0.127038958 | 0.089054458 | 0.131355295 | 0.054873763 | 0.052197491 | 0.084683673 |
| ## | 44229       | 44230       | 44242       | 44252       | 44258       | 44260       |
| ## | 0.443099198 | 0.126274599 | 0.558944791 | 0.194302311 | 0.197107889 | 0.095710231 |
| ## | 44266       | 44267       | 44268       | 44269       | 44281       | 44283       |
| ## | 0.124450231 | 0.132611613 | 0.378969608 | 0.195814948 | 0.391505815 | 0.265272412 |
| ## | 44290       | 44295       | 44306       | 44309       | 44312       | 44313       |
| ## | 0.265272412 | 0.150554677 | 0.150554677 | 0.150554677 | 0.661965972 | 0.262377824 |
| ## | 44320       | 44321       | 44323       | 44324       | 44329       | 44333       |
| ## | 0.150554677 | 0.150554677 | 0.150554677 | 0.262377824 | 0.150554677 | 0.664343559 |
| ## | 44344       | 44347       | 44352       | 44358       | 44369       | 44385       |
| ## | 0.265272412 | 0.265272412 | 0.265272412 | 0.262377824 | 0.179614451 | 0.405383606 |
| ## | 44396       | 44397       | 44400       | 44401       | 44407       | 44419       |
| ## | 0.162186996 | 0.133725232 | 0.150756606 | 0.150756606 | 0.155269590 | 0.473057076 |
| ## | 44425       | 44429       | 44430       | 44432       | 44434       | 44436       |
| ## | 0.116069075 | 0.119750663 | 0.108019028 | 0.071584682 | 0.092061583 | 0.399785505 |
| ## | 44444       | 44451       | 44457       | 44458       | 44465       | 44474       |
| ## | 0.103513109 | 0.096371060 | 0.105407005 | 0.180917005 | 0.180917005 | 0.180917005 |
| ## | 44483       | 44485       | 44488       | 44489       | 44502       | 44505       |
| ## | 0.102138227 | 0.166611681 | 0.144153930 | 0.175742102 | 0.169215087 | 0.150554677 |
| ## | 44514       | 44518       | 44524       | 44545       | 44547       | 44548       |
| ## | 0.262377824 | 0.262377824 | 0.265272412 | 0.262377824 | 0.265272412 | 0.265272412 |
| ## | 44550       | 44555       | 44558       | 44561       | 44570       | 44572       |
| ## | 0.116157432 | 0.179614451 | 0.098360732 | 0.098360732 | 0.101397386 | 0.163843988 |
| ## | 44578       | 44580       | 44583       | 44598       | 44602       | 44609       |
| ## | 0.155250608 | 0.405383606 | 0.165362740 | 0.099145250 | 0.099145250 | 0.180917005 |
| ## | 44617       | 44618       | 44620       | 44621       | 44622       | 44628       |
| ## | 0.090590600 | 0.168691382 | 0.128279416 | 0.161427309 | 0.144693152 | 0.148642806 |
| ## | 44632       | 44637       | 44642       | 44653       | 44663       | 44665       |
| ## | 0.087377565 | 0.182743760 | 0.149600397 | 0.438685804 | 0.086340352 | 0.077740087 |
| ## | 44668       | 44677       | 44680       | 44684       | 44686       | 44692       |
| ## | 0.058905445 | 0.139222891 | 0.087377565 | 0.131334751 | 0.444424785 | 0.131334751 |
| ## | 44693       | 44694       | 44699       | 44700       | 44704       | 44714       |
| ## | 0.131334751 | 0.444424785 | 0.133044411 | 0.131334751 | 0.133044411 | 0.131334751 |
| ## | 44715       | 44716       | 44720       | 44721       | 44722       | 44725       |
| ## | 0.131334751 | 0.070056649 | 0.131334751 | 0.131334751 | 0.131334751 | 0.133044411 |
| ## | 44730       | 44734       | 44739       | 44751       | 44755       | 44763       |
| ## | 0.070056649 | 0.131334751 | 0.093103101 | 0.155125965 | 0.147440577 | 0.108728489 |
| ## | 44764       | 44768       | 44776       | 44780       | 44790       | 44791       |
| ## | 0.130136950 | 0.159232086 | 0.451505480 | 0.086606870 | 0.630853646 | 0.237656097 |
| ## | 44794       | 44795       | 44801       | 44811       | 44817       | 44818       |
| ## | 0.132723729 | 0.234966482 | 0.557184539 | 0.591841294 | 0.215610967 | 0.120464325 |

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| ## | 44820       | 44824       | 44827       | 44835       | 44836       | 44845       |
| ## | 0.550908501 | 0.216940637 | 0.517356275 | 0.607617064 | 0.624813541 | 0.474499421 |
| ## | 44849       | 44856       | 44872       | 44873       | 44874       | 44884       |
| ## | 0.095775137 | 0.219070817 | 0.230756158 | 0.621849860 | 0.225758931 | 0.218786611 |
| ## | 44887       | 44903       | 44911       | 44912       | 44913       | 44914       |
| ## | 0.594163717 | 0.584043991 | 0.120071786 | 0.214984169 | 0.199586206 | 0.553396435 |
| ## | 44918       | 44919       | 44923       | 44925       | 44930       | 44934       |
| ## | 0.536809171 | 0.604576755 | 0.199933571 | 0.548670212 | 0.667868856 | 0.651568608 |
| ## | 44935       | 44941       | 44944       | 44951       | 44958       | 44964       |
| ## | 0.267537607 | 0.648177478 | 0.267537607 | 0.267537607 | 0.270468246 | 0.267537607 |
| ## | 44973       | 44974       | 44978       | 44982       | 44987       | 44997       |
| ## | 0.267537607 | 0.267537607 | 0.267537607 | 0.153974445 | 0.267537607 | 0.153974445 |
| ## | 45004       | 45007       | 45012       | 45014       | 45020       | 45026       |
| ## | 0.651568608 | 0.140568447 | 0.174532985 | 0.212664244 | 0.167443186 | 0.144123049 |
| ## | 45037       | 45040       | 45045       | 45059       | 45066       | 45076       |
| ## | 0.234966482 | 0.220858021 | 0.205633035 | 0.219070817 | 0.219070817 | 0.228772857 |
| ## | 45080       | 45084       | 45093       | 45103       | 45107       | 45118       |
| ## | 0.570790622 | 0.225758931 | 0.221799608 | 0.186970768 | 0.133273471 | 0.533557063 |
| ## | 45122       | 45128       | 45137       | 45141       | 45143       | 45144       |
| ## | 0.200695516 | 0.214984169 | 0.189113253 | 0.608134070 | 0.548436298 | 0.138061940 |
| ## | 45145       | 45147       | 45152       | 45156       | 45160       | 45161       |
| ## | 0.557612962 | 0.189113253 | 0.270468246 | 0.648177478 | 0.270468246 | 0.267537607 |
| ## | 45163       | 45165       | 45166       | 45170       | 45177       | 45180       |
| ## | 0.267537607 | 0.267537607 | 0.648177478 | 0.267537607 | 0.153974445 | 0.267537607 |
| ## | 45187       | 45191       | 45194       | 45197       | 45207       | 45208       |
| ## | 0.270468246 | 0.267537607 | 0.648177478 | 0.270468246 | 0.670225608 | 0.267537607 |
| ## | 45213       | 45214       | 45216       | 45218       | 45223       | 45226       |
| ## | 0.651568608 | 0.267537607 | 0.267537607 | 0.270468246 | 0.648177478 | 0.267537607 |
| ## | 45229       | 45233       | 45234       | 45235       | 45236       | 45249       |
| ## | 0.267537607 | 0.191306858 | 0.105443587 | 0.105443587 | 0.191306858 | 0.565117600 |
| ## | 45251       | 45253       | 45259       | 45265       | 45266       | 45281       |
| ## | 0.191306858 | 0.193623195 | 0.539258979 | 0.539258979 | 0.539809209 | 0.559246323 |
| ## | 45283       | 45284       | 45285       | 45293       | 45294       | 45301       |
| ## | 0.579657640 | 0.198612430 | 0.576521446 | 0.567337381 | 0.198612430 | 0.200995238 |
| ## | 45309       | 45312       | 45322       | 45325       | 45334       | 45335       |
| ## | 0.085969195 | 0.181559375 | 0.555325154 | 0.555325154 | 0.482627589 | 0.548459495 |
| ## | 45342       | 45344       | 45356       | 45366       | 45368       | 45372       |
| ## | 0.551641888 | 0.555325154 | 0.198089425 | 0.554757257 | 0.572615795 | 0.108148606 |
| ## | 45373       | 45376       | 45385       | 45394       | 45397       | 45399       |
| ## | 0.108148606 | 0.575218558 | 0.572073695 | 0.181946302 | 0.528711671 | 0.549397695 |
| ## | 45409       | 45411       | 45414       | 45416       | 45417       | 45422       |
| ## | 0.311758477 | 0.193623195 | 0.547742207 | 0.191306858 | 0.191306858 | 0.105443587 |
| ## | 45431       | 45433       | 45434       | 45438       | 45460       | 45463       |
| ## | 0.105443587 | 0.118967398 | 0.177812985 | 0.175644589 | 0.200995238 | 0.576521446 |
| ## | 45465       | 45470       | 45474       | 45478       | 45479       | 45480       |
| ## | 0.567337381 | 0.198612430 | 0.559246323 | 0.109915901 | 0.559246323 | 0.109915901 |
| ## | 45483       | 45485       | 45486       | 45487       | 45494       | 45505       |
| ## | 0.198089425 | 0.108148606 | 0.195732626 | 0.195732626 | 0.198089425 | 0.575218558 |
| ## | 45507       | 45508       | 45510       | 45514       | 45523       | 45524       |
| ## | 0.575218558 | 0.195732626 | 0.108148606 | 0.195732626 | 0.198089425 | 0.495758809 |
| ## | 45528       | 45531       | 45532       | 45537       | 45544       | 45546       |
| ## | 0.528711671 | 0.098435409 | 0.528711671 | 0.528711671 | 0.460465599 | 0.328152828 |
| ## | 45549       | 45551       | 45554       | 45555       | 45557       | 45566       |
| ## | 0.380277233 | 0.388058725 | 0.316478337 | 0.351621124 | 0.564185196 | 0.125009194 |

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| ## | 45570       | 45572       | 45574       | 45579       | 45589       | 45595       |
| ## | 0.176404957 | 0.176404957 | 0.176404957 | 0.116268110 | 0.201824814 | 0.201824814 |
| ## | 45596       | 45597       | 45598       | 45599       | 45601       | 45604       |
| ## | 0.596405765 | 0.144101836 | 0.380057695 | 0.176404957 | 0.178580707 | 0.109307213 |
| ## | 45606       | 45612       | 45614       | 45620       | 45634       | 45641       |
| ## | 0.099040121 | 0.415901511 | 0.533653464 | 0.069097138 | 0.175544084 | 0.203871717 |
| ## | 45655       | 45659       | 45660       | 45661       | 45666       | 45670       |
| ## | 0.124250293 | 0.106998824 | 0.428779393 | 0.112809936 | 0.058752659 | 0.180509750 |
| ## | 45672       | 45675       | 45683       | 45685       | 45691       | 45692       |
| ## | 0.182724895 | 0.097135939 | 0.186210848 | 0.183962955 | 0.101769360 | 0.101769360 |
| ## | 45703       | 45704       | 45706       | 45710       | 45712       | 45714       |
| ## | 0.182585098 | 0.182585098 | 0.184819967 | 0.182585098 | 0.076336576 | 0.184819967 |
| ## | 45720       | 45722       | 45733       | 45741       | 45750       | 45755       |
| ## | 0.182585098 | 0.201421209 | 0.121234110 | 0.151433637 | 0.200540549 | 0.176851833 |
| ## | 45756       | 45767       | 45768       | 45774       | 45781       | 45785       |
| ## | 0.191139110 | 0.408807849 | 0.203973550 | 0.175703263 | 0.128476896 | 0.192248119 |
| ## | 45788       | 45797       | 45809       | 45810       | 45817       | 45832       |
| ## | 0.174087900 | 0.139232780 | 0.160534527 | 0.160534527 | 0.186485819 | 0.206811574 |
| ## | 45834       | 45835       | 45843       | 45844       | 45846       | 45857       |
| ## | 0.175925935 | 0.095749700 | 0.495480529 | 0.136264475 | 0.464268530 | 0.099744694 |
| ## | 45861       | 45864       | 45866       | 45871       | 45891       | 45896       |
| ## | 0.203871717 | 0.120596271 | 0.088490126 | 0.128476896 | 0.078113524 | 0.195628274 |
| ## | 45897       | 45899       | 45902       | 45903       | 45904       | 45908       |
| ## | 0.197984125 | 0.195628274 | 0.183962955 | 0.183962955 | 0.100984212 | 0.183962955 |
| ## | 45910       | 45913       | 45919       | 45929       | 45940       | 45947       |
| ## | 0.174392676 | 0.106783964 | 0.137843819 | 0.101608754 | 0.201421209 | 0.187490614 |
| ## | 45954       | 45959       | 45963       | 45964       | 45969       | 45977       |
| ## | 0.103935256 | 0.114978808 | 0.209267063 | 0.175925935 | 0.101049381 | 0.149528427 |
| ## | 45982       | 45985       | 45996       | 45999       | 46000       | 46004       |
| ## | 0.151433637 | 0.195594804 | 0.195289471 | 0.195289471 | 0.137027279 | 0.112012253 |
| ## | 46005       | 46007       | 46008       | 46016       | 46024       | 46026       |
| ## | 0.204429719 | 0.203973550 | 0.111793510 | 0.165643499 | 0.128476896 | 0.188037507 |
| ## | 46028       | 46033       | 46040       | 46041       | 46042       | 46044       |
| ## | 0.122637654 | 0.117450468 | 0.109005427 | 0.097325072 | 0.180082132 | 0.177810139 |
| ## | 46045       | 46047       | 46050       | 46053       | 46055       | 46057       |
| ## | 0.314177723 | 0.151841983 | 0.174759645 | 0.136636183 | 0.186485819 | 0.186485819 |
| ## | 46058       | 46060       | 46062       | 46064       | 46066       | 46068       |
| ## | 0.186485819 | 0.101148975 | 0.186485819 | 0.184235359 | 0.550786101 | 0.142915259 |
| ## | 46072       | 46074       | 46086       | 46088       | 46098       | 46100       |
| ## | 0.090364663 | 0.168306709 | 0.155612426 | 0.158344505 | 0.155138628 | 0.155138628 |
| ## | 46103       | 46113       | 46117       | 46121       | 46123       | 46128       |
| ## | 0.167755189 | 0.494240501 | 0.149784450 | 0.061194113 | 0.149784450 | 0.149784450 |
| ## | 46130       | 46139       | 46140       | 46144       | 46146       | 46149       |
| ## | 0.059199072 | 0.151692340 | 0.151692340 | 0.062744637 | 0.433494820 | 0.059712171 |
| ## | 46150       | 46160       | 46161       | 46167       | 46176       | 46180       |
| ## | 0.059712171 | 0.066678893 | 0.090632301 | 0.095984592 | 0.142582716 | 0.061549607 |
| ## | 46195       | 46196       | 46217       | 46218       | 46219       | 46227       |
| ## | 0.148293623 | 0.030739061 | 0.149784450 | 0.149784450 | 0.149784450 | 0.080697791 |
| ## | 46237       | 46238       | 46241       | 46244       | 46245       | 46247       |
| ## | 0.149784450 | 0.080697791 | 0.496590761 | 0.391300347 | 0.059712171 | 0.466512884 |
| ## | 46248       | 46249       | 46251       | 46252       | 46256       | 46263       |
| ## | 0.148810032 | 0.148810032 | 0.070015641 | 0.258452491 | 0.066370620 | 0.166681962 |
| ## | 46268       | 46270       | 46280       | 46296       | 46299       | 46300       |
| ## | 0.090718479 | 0.037799614 | 0.057961480 | 0.141313838 | 0.057395257 | 0.074861368 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 46301       | 46302       | 46305       | 46307       | 46308       | 46310       |
| ## | 0.074861368 | 0.141511669 | 0.139710737 | 0.139710737 | 0.139710737 | 0.074861368 |
| ## | 46316       | 46319       | 46326       | 46327       | 46330       | 46331       |
| ## | 0.075785911 | 0.141511669 | 0.139710737 | 0.141511669 | 0.139710737 | 0.074861368 |
| ## | 46335       | 46336       | 46341       | 46342       | 46343       | 46344       |
| ## | 0.141511669 | 0.075935358 | 0.153167847 | 0.104949787 | 0.060417008 | 0.126529037 |
| ## | 46353       | 46359       | 46360       | 46368       | 46370       | 46380       |
| ## | 0.120406792 | 0.151759179 | 0.153687676 | 0.144264029 | 0.146113687 | 0.077491539 |
| ## | 46385       | 46400       | 46432       | 46439       | 46444       | 46445       |
| ## | 0.082157541 | 0.088056149 | 0.145192981 | 0.074861368 | 0.139710737 | 0.074861368 |
| ## | 46451       | 46456       | 46461       | 46479       | 46482       | 46490       |
| ## | 0.183666962 | 0.186260047 | 0.094061136 | 0.408163176 | 0.149008603 | 0.165237366 |
| ## | 46498       | 46499       | 46506       | 46507       | 46524       | 46526       |
| ## | 0.460859530 | 0.166726935 | 0.487506459 | 0.487506459 | 0.621063134 | 0.481794886 |
| ## | 46533       | 46540       | 46541       | 46551       | 46552       | 46555       |
| ## | 0.146608141 | 0.676341198 | 0.275190503 | 0.576215737 | 0.645444564 | 0.643923345 |
| ## | 46558       | 46566       | 46585       | 46586       | 46589       | 46592       |
| ## | 0.664550191 | 0.671006388 | 0.647046057 | 0.138238212 | 0.209595051 | 0.674903531 |
| ## | 46593       | 46597       | 46598       | 46601       | 46603       | 46610       |
| ## | 0.698149089 | 0.715653618 | 0.306605398 | 0.640579367 | 0.640993750 | 0.689734939 |
| ## | 46612       | 46614       | 46626       | 46630       | 46638       | 46652       |
| ## | 0.674470445 | 0.146599643 | 0.247295641 | 0.537306674 | 0.530100237 | 0.174635375 |
| ## | 46653       | 46654       | 46657       | 46674       | 46687       | 46692       |
| ## | 0.684942394 | 0.671968378 | 0.670682467 | 0.616710012 | 0.561555427 | 0.690480565 |
| ## | 46699       | 46707       | 46715       | 46718       | 46719       | 46722       |
| ## | 0.665306761 | 0.681615042 | 0.566082548 | 0.290999161 | 0.674290077 | 0.297245580 |
| ## | 46730       | 46732       | 46736       | 46744       | 46746       | 46756       |
| ## | 0.689457963 | 0.689457963 | 0.558796483 | 0.304974496 | 0.688790139 | 0.672335340 |
| ## | 46765       | 46769       | 46784       | 46786       | 46788       | 46795       |
| ## | 0.569795196 | 0.251997891 | 0.209595051 | 0.631651301 | 0.247954733 | 0.290304404 |
| ## | 46797       | 46800       | 46803       | 46807       | 46808       | 46813       |
| ## | 0.287378529 | 0.322877455 | 0.217585463 | 0.685931317 | 0.614559909 | 0.699146534 |
| ## | 46818       | 46820       | 46823       | 46833       | 46834       | 46840       |
| ## | 0.300468842 | 0.248666957 | 0.204075700 | 0.651403719 | 0.651403719 | 0.255276811 |
| ## | 46841       | 46847       | 46850       | 46853       | 46863       | 46868       |
| ## | 0.577084868 | 0.655816165 | 0.195087265 | 0.631651301 | 0.698149089 | 0.690434600 |
| ## | 46876       | 46887       | 46888       | 46889       | 46891       | 46894       |
| ## | 0.640993750 | 0.291168656 | 0.681650373 | 0.144744876 | 0.668159652 | 0.677586356 |
| ## | 46906       | 46912       | 46918       | 46936       | 46937       | 46943       |
| ## | 0.174635375 | 0.646918266 | 0.690997111 | 0.275190503 | 0.278173136 | 0.212800627 |
| ## | 46944       | 46946       | 46951       | 46955       | 46958       | 46967       |
| ## | 0.577492141 | 0.691041363 | 0.258839892 | 0.231658400 | 0.199262191 | 0.640155674 |
| ## | 46976       | 46977       | 46982       | 46984       | 46991       | 47000       |
| ## | 0.706800310 | 0.302280194 | 0.664029646 | 0.278525114 | 0.243536132 | 0.314386681 |
| ## | 47003       | 47006       | 47007       | 47015       | 47046       | 47049       |
| ## | 0.200702345 | 0.268376460 | 0.271312884 | 0.304974496 | 0.196410063 | 0.274672471 |
| ## | 47051       | 47060       | 47066       | 47070       | 47072       | 47082       |
| ## | 0.679946141 | 0.670264101 | 0.322877455 | 0.263986277 | 0.217585463 | 0.550057409 |
| ## | 47083       | 47098       | 47107       | 47114       | 47120       | 47122       |
| ## | 0.297712045 | 0.176573663 | 0.281454165 | 0.697015261 | 0.256703085 | 0.298311976 |
| ## | 47124       | 47126       | 47134       | 47148       | 47152       | 47154       |
| ## | 0.301440987 | 0.685193723 | 0.672274850 | 0.299702559 | 0.686623027 | 0.299083965 |
| ## | 47157       | 47166       | 47188       | 47196       | 47201       | 47206       |
| ## | 0.684545325 | 0.255991039 | 0.689329091 | 0.706998480 | 0.571427374 | 0.167275073 |

|    |             |             |             |             |             |             |
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| ## | 47213       | 47218       | 47219       | 47228       | 47243       | 47245       |
| ## | 0.165209362 | 0.165209362 | 0.167275073 | 0.194555278 | 0.223648112 | 0.223648112 |
| ## | 47253       | 47254       | 47259       | 47264       | 47266       | 47268       |
| ## | 0.223648112 | 0.624149321 | 0.112943024 | 0.359339779 | 0.420325731 | 0.196901371 |
| ## | 47281       | 47287       | 47297       | 47301       | 47303       | 47308       |
| ## | 0.281542176 | 0.718020534 | 0.313954999 | 0.185683632 | 0.715860544 | 0.697726717 |
| ## | 47318       | 47325       | 47326       | 47327       | 47338       | 47339       |
| ## | 0.313954999 | 0.313954999 | 0.715860544 | 0.700860667 | 0.700860667 | 0.707710774 |
| ## | 47340       | 47349       | 47353       | 47354       | 47364       | 47366       |
| ## | 0.313954999 | 0.424257495 | 0.420621253 | 0.801569675 | 0.807135872 | 0.424257495 |
| ## | 47369       | 47378       | 47382       | 47392       | 47393       | 47399       |
| ## | 0.420621253 | 0.420621253 | 0.420621253 | 0.420621253 | 0.645966219 | 0.807135872 |
| ## | 47400       | 47403       | 47407       | 47410       | 47411       | 47415       |
| ## | 0.799871298 | 0.420621253 | 0.801569675 | 0.799871298 | 0.420621253 | 0.799871298 |
| ## | 47417       | 47419       | 47421       | 47426       | 47428       | 47430       |
| ## | 0.265644426 | 0.420621253 | 0.793435844 | 0.420621253 | 0.424257495 | 0.424257495 |
| ## | 47434       | 47439       | 47441       | 47444       | 47445       | 47462       |
| ## | 0.265644426 | 0.211736689 | 0.265644426 | 0.799871298 | 0.420621253 | 0.807135872 |
| ## | 47467       | 47470       | 47494       | 47495       | 47499       | 47502       |
| ## | 0.807135872 | 0.420621253 | 0.799871298 | 0.424257495 | 0.424257495 | 0.807135872 |
| ## | 47503       | 47504       | 47513       | 47515       | 47525       | 47526       |
| ## | 0.420621253 | 0.211736689 | 0.424257495 | 0.420621253 | 0.787992947 | 0.424257495 |
| ## | 47530       | 47538       | 47545       | 47546       | 47554       | 47556       |
| ## | 0.424257495 | 0.801569675 | 0.807135872 | 0.799871298 | 0.265644426 | 0.265644426 |
| ## | 47559       | 47564       | 47568       | 47586       | 47588       | 47605       |
| ## | 0.424257495 | 0.424257495 | 0.424257495 | 0.167398680 | 0.650735906 | 0.319291732 |
| ## | 47615       | 47631       | 47640       | 47642       | 47649       | 47653       |
| ## | 0.319291732 | 0.319291732 | 0.187164119 | 0.316061263 | 0.676930156 | 0.539156707 |
| ## | 47659       | 47661       | 47664       | 47667       | 47671       | 47675       |
| ## | 0.159222934 | 0.660535849 | 0.159222934 | 0.231820582 | 0.630498734 | 0.604108875 |
| ## | 47676       | 47677       | 47679       | 47687       | 47692       | 47714       |
| ## | 0.676630813 | 0.279243131 | 0.587387833 | 0.217797739 | 0.217797739 | 0.317173923 |
| ## | 47715       | 47720       | 47724       | 47727       | 47730       | 47731       |
| ## | 0.718020534 | 0.718020534 | 0.317173923 | 0.700860667 | 0.718020534 | 0.707710774 |
| ## | 47733       | 47736       | 47737       | 47739       | 47750       | 47754       |
| ## | 0.700860667 | 0.313954999 | 0.317173923 | 0.313954999 | 0.707710774 | 0.718020534 |
| ## | 47762       | 47768       | 47774       | 47779       | 47781       | 47783       |
| ## | 0.718020534 | 0.718020534 | 0.185683632 | 0.185683632 | 0.715860544 | 0.718020534 |
| ## | 47794       | 47795       | 47797       | 47807       | 47809       | 47828       |
| ## | 0.424257495 | 0.424257495 | 0.420621253 | 0.265644426 | 0.265644426 | 0.424257495 |
| ## | 47843       | 47844       | 47845       | 47851       | 47852       | 47858       |
| ## | 0.420621253 | 0.807135872 | 0.807135872 | 0.265644426 | 0.653451812 | 0.211736689 |
| ## | 47861       | 47867       | 47873       | 47893       | 47895       | 47907       |
| ## | 0.424257495 | 0.424257495 | 0.420621253 | 0.807135872 | 0.420621253 | 0.797474896 |
| ## | 47910       | 47912       | 47917       | 47919       | 47931       | 47936       |
| ## | 0.420621253 | 0.801569675 | 0.424257495 | 0.424257495 | 0.424257495 | 0.801569675 |
| ## | 47938       | 47942       | 47943       | 47944       | 47951       | 47954       |
| ## | 0.265644426 | 0.424257495 | 0.799871298 | 0.420621253 | 0.799871298 | 0.265644426 |
| ## | 47960       | 47966       | 47967       | 47971       | 47975       | 47979       |
| ## | 0.420621253 | 0.424257495 | 0.424257495 | 0.424257495 | 0.265644426 | 0.265644426 |
| ## | 47980       | 47984       | 47987       | 47991       | 47997       | 47998       |
| ## | 0.420621253 | 0.420621253 | 0.265644426 | 0.807135872 | 0.424257495 | 0.424257495 |
| ## | 48000       | 48002       | 48006       | 48014       | 48015       | 48016       |
| ## | 0.424257495 | 0.424257495 | 0.424257495 | 0.420621253 | 0.804805230 | 0.420621253 |

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| ## | 48019       | 48021       | 48022       | 48034       | 48035       | 48036       |
| ## | 0.420621253 | 0.420621253 | 0.424257495 | 0.807135872 | 0.787992947 | 0.420621253 |
| ## | 48051       | 48061       | 48063       | 48064       | 48066       | 48069       |
| ## | 0.424257495 | 0.424257495 | 0.799871298 | 0.799871298 | 0.420621253 | 0.223849924 |
| ## | 48076       | 48078       | 48080       | 48081       | 48082       | 48083       |
| ## | 0.717841840 | 0.319291732 | 0.319291732 | 0.319291732 | 0.319291732 | 0.727068016 |
| ## | 48084       | 48093       | 48098       | 48100       | 48120       | 48121       |
| ## | 0.727068016 | 0.319291732 | 0.319291732 | 0.319291732 | 0.170096509 | 0.241129323 |
| ## | 48130       | 48131       | 48136       | 48138       | 48140       | 48145       |
| ## | 0.177762835 | 0.095946888 | 0.095946888 | 0.095946888 | 0.095946888 | 0.177762835 |
| ## | 48147       | 48150       | 48158       | 48163       | 48168       | 48178       |
| ## | 0.177762835 | 0.095946888 | 0.177762835 | 0.097761339 | 0.097761339 | 0.124671256 |
| ## | 48192       | 48195       | 48198       | 48199       | 48203       | 48206       |
| ## | 0.124671256 | 0.224888097 | 0.124671256 | 0.224888097 | 0.222300845 | 0.124671256 |
| ## | 48210       | 48226       | 48229       | 48230       | 48238       | 48255       |
| ## | 0.185841268 | 0.171529221 | 0.092260391 | 0.169421664 | 0.154562944 | 0.188551533 |
| ## | 48256       | 48259       | 48263       | 48271       | 48274       | 48276       |
| ## | 0.109010609 | 0.109010609 | 0.092995553 | 0.152313883 | 0.152313883 | 0.121443646 |
| ## | 48286       | 48289       | 48298       | 48303       | 48306       | 48309       |
| ## | 0.097980641 | 0.186281852 | 0.117047631 | 0.130141162 | 0.124671256 | 0.224888097 |
| ## | 48316       | 48325       | 48328       | 48341       | 48356       | 48358       |
| ## | 0.124671256 | 0.222300845 | 0.594062439 | 0.222300845 | 0.118983661 | 0.158148051 |
| ## | 48366       | 48375       | 48379       | 48381       | 48384       | 48393       |
| ## | 0.183500666 | 0.116378945 | 0.177762835 | 0.180815056 | 0.180815056 | 0.109510282 |
| ## | 48395       | 48397       | 48403       | 48404       | 48417       | 48421       |
| ## | 0.141391107 | 0.137813284 | 0.128435810 | 0.051704302 | 0.321166884 | 0.086703529 |
| ## | 48423       | 48430       | 48431       | 48432       | 48433       | 48437       |
| ## | 0.127754923 | 0.127878576 | 0.068086659 | 0.280543648 | 0.280543648 | 0.248471096 |
| ## | 48439       | 48450       | 48461       | 48463       | 48468       | 48478       |
| ## | 0.231131117 | 0.264846472 | 0.264846472 | 0.152188284 | 0.152188284 | 0.246540457 |
| ## | 48479       | 48487       | 48489       | 48490       | 48491       | 48501       |
| ## | 0.246540457 | 0.271655072 | 0.137864291 | 0.286382772 | 0.286382772 | 0.264846472 |
| ## | 48505       | 48514       | 48520       | 48525       | 48528       | 48533       |
| ## | 0.264846472 | 0.264846472 | 0.267758409 | 0.267758409 | 0.267758409 | 0.264846472 |
| ## | 48539       | 48543       | 48546       | 48549       | 48564       | 48566       |
| ## | 0.330921489 | 0.330921489 | 0.334229620 | 0.334229620 | 0.334229620 | 0.334229620 |
| ## | 48579       | 48593       | 48599       | 48606       | 48614       | 48616       |
| ## | 0.123544771 | 0.220514446 | 0.223086871 | 0.202643642 | 0.176290680 | 0.135048519 |
| ## | 48619       | 48622       | 48626       | 48630       | 48631       | 48633       |
| ## | 0.119602079 | 0.243421635 | 0.147006504 | 0.208488883 | 0.144127457 | 0.244858243 |
| ## | 48636       | 48642       | 48646       | 48647       | 48657       | 48659       |
| ## | 0.244858243 | 0.244858243 | 0.139507023 | 0.139507023 | 0.334229620 | 0.330921489 |
| ## | 48666       | 48671       | 48672       | 48678       | 48680       | 48687       |
| ## | 0.197715950 | 0.330921489 | 0.330921489 | 0.330921489 | 0.330921489 | 0.330921489 |
| ## | 48712       | 48713       | 48714       | 48724       | 48729       | 48753       |
| ## | 0.506602133 | 0.506602133 | 0.173020858 | 0.526489498 | 0.526489498 | 0.154505311 |
| ## | 48756       | 48758       | 48759       | 48763       | 48765       | 48767       |
| ## | 0.099277544 | 0.154400448 | 0.479434905 | 0.132622431 | 0.144431828 | 0.100618234 |
| ## | 48769       | 48782       | 48785       | 48791       | 48793       | 48798       |
| ## | 0.156562426 | 0.084149803 | 0.150864990 | 0.080221038 | 0.144377020 | 0.451730909 |
| ## | 48800       | 48806       | 48807       | 48809       | 48811       | 48812       |
| ## | 0.452196630 | 0.447201843 | 0.125580993 | 0.128416393 | 0.137244842 | 0.128758284 |
| ## | 48820       | 48823       | 48824       | 48828       | 48829       | 48831       |
| ## | 0.128784654 | 0.049914294 | 0.448673005 | 0.128784654 | 0.128784654 | 0.128784654 |

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| ## | 48835       | 48854       | 48861       | 48869       | 48877       | 48880       |
| ## | 0.068602409 | 0.086663586 | 0.497559726 | 0.085015321 | 0.050548610 | 0.118318291 |
| ## | 48883       | 48886       | 48890       | 48893       | 48894       | 48897       |
| ## | 0.039311439 | 0.086663586 | 0.153006192 | 0.082577864 | 0.497559726 | 0.161854087 |
| ## | 48900       | 48901       | 48914       | 48915       | 48920       | 48931       |
| ## | 0.277219879 | 0.161854087 | 0.239934528 | 0.135914049 | 0.135914049 | 0.240547829 |
| ## | 48940       | 48941       | 48946       | 48947       | 48949       | 48957       |
| ## | 0.237835697 | 0.615031304 | 0.237835697 | 0.237835697 | 0.625104268 | 0.097187742 |
| ## | 48962       | 48964       | 48965       | 48967       | 48969       | 48978       |
| ## | 0.099974531 | 0.146481453 | 0.146481453 | 0.146481453 | 0.146481453 | 0.520513619 |
| ## | 48979       | 48983       | 49008       | 49015       | 49016       | 49020       |
| ## | 0.163248040 | 0.499709073 | 0.531351629 | 0.146981176 | 0.122234399 | 0.073196277 |
| ## | 49021       | 49025       | 49033       | 49034       | 49039       | 49046       |
| ## | 0.104695337 | 0.143946137 | 0.040919205 | 0.148187280 | 0.081178554 | 0.058352734 |
| ## | 49051       | 49055       | 49058       | 49073       | 49075       | 49090       |
| ## | 0.475834731 | 0.472118926 | 0.169290470 | 0.160933444 | 0.500404787 | 0.101090637 |
| ## | 49097       | 49098       | 49099       | 49100       | 49103       | 49106       |
| ## | 0.186388469 | 0.184138917 | 0.186388469 | 0.184138917 | 0.184138917 | 0.184138917 |
| ## | 49108       | 49110       | 49112       | 49115       | 49134       | 49135       |
| ## | 0.184138917 | 0.101090637 | 0.121363801 | 0.103718467 | 0.239934528 | 0.239934528 |
| ## | 49139       | 49141       | 49152       | 49157       | 49160       | 49167       |
| ## | 0.617760796 | 0.237835697 | 0.163248040 | 0.455294164 | 0.521424385 | 0.498912081 |
| ## | 49178       | 49185       | 49187       | 49201       | 49205       | 49210       |
| ## | 0.509601938 | 0.163945371 | 0.163945371 | 0.157634933 | 0.163945371 | 0.165678397 |
| ## | 49224       | 49238       | 49245       | 49248       | 49261       | 49265       |
| ## | 0.184138917 | 0.532363666 | 0.054811273 | 0.195863595 | 0.563664428 | 0.178655978 |
| ## | 49270       | 49271       | 49272       | 49277       | 49282       | 49284       |
| ## | 0.510509112 | 0.528082526 | 0.502854640 | 0.198221582 | 0.194507847 | 0.192135099 |
| ## | 49290       | 49292       | 49295       | 49307       | 49308       | 49313       |
| ## | 0.081497988 | 0.195761782 | 0.116740237 | 0.067755793 | 0.103867964 | 0.084044778 |
| ## | 49317       | 49324       | 49326       | 49334       | 49343       | 49348       |
| ## | 0.042171650 | 0.550855193 | 0.100296158 | 0.172598611 | 0.177167348 | 0.153959515 |
| ## | 49357       | 49360       | 49378       | 49383       | 49393       | 49406       |
| ## | 0.083370957 | 0.335613475 | 0.182824501 | 0.541045016 | 0.096315954 | 0.192963992 |
| ## | 49411       | 49413       | 49421       | 49424       | 49427       | 49428       |
| ## | 0.725410444 | 0.192963992 | 0.276476485 | 0.141843362 | 0.170216352 | 0.705703212 |
| ## | 49434       | 49465       | 49468       | 49469       | 49471       | 49481       |
| ## | 0.291629387 | 0.590917699 | 0.210149617 | 0.172542643 | 0.295025029 | 0.295025029 |
| ## | 49491       | 49507       | 49517       | 49519       | 49522       | 49526       |
| ## | 0.261288014 | 0.298888308 | 0.192963992 | 0.192963992 | 0.150777149 | 0.324261994 |
| ## | 49537       | 49538       | 49539       | 49545       | 49546       | 49549       |
| ## | 0.154811739 | 0.140670491 | 0.276476485 | 0.304328867 | 0.301182803 | 0.170534287 |
| ## | 49551       | 49555       | 49571       | 49573       | 49583       | 49585       |
| ## | 0.211247861 | 0.285528096 | 0.214463922 | 0.255669304 | 0.103761652 | 0.298888308 |
| ## | 49593       | 49595       | 49600       | 49602       | 49609       | 49612       |
| ## | 0.089060973 | 0.089060973 | 0.160294571 | 0.086855444 | 0.095924886 | 0.102602105 |
| ## | 49615       | 49616       | 49619       | 49627       | 49630       | 49632       |
| ## | 0.108868217 | 0.096837271 | 0.059773341 | 0.062087182 | 0.062934812 | 0.158274867 |
| ## | 49633       | 49634       | 49644       | 49645       | 49653       | 49655       |
| ## | 0.085666668 | 0.062934812 | 0.086994713 | 0.134328678 | 0.121866595 | 0.141649188 |
| ## | 49663       | 49665       | 49671       | 49677       | 49681       | 49686       |
| ## | 0.229443049 | 0.617594706 | 0.615753614 | 0.204664124 | 0.328250674 | 0.328250674 |
| ## | 49687       | 49688       | 49694       | 49695       | 49705       | 49710       |
| ## | 0.328250674 | 0.721090556 | 0.147970913 | 0.331545336 | 0.731107690 | 0.328250674 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 49718       | 49722       | 49729       | 49730       | 49733       | 49743       |
| ## | 0.331545336 | 0.328250674 | 0.331545336 | 0.328250674 | 0.328250674 | 0.328250674 |
| ## | 49750       | 49760       | 49761       | 49762       | 49768       | 49778       |
| ## | 0.728167718 | 0.331545336 | 0.331545336 | 0.328250674 | 0.126370450 | 0.584383435 |
| ## | 49782       | 49785       | 49786       | 49787       | 49790       | 49798       |
| ## | 0.204133121 | 0.201722505 | 0.204133121 | 0.204133121 | 0.597839666 | 0.148597873 |
| ## | 49799       | 49804       | 49811       | 49818       | 49827       | 49828       |
| ## | 0.328250674 | 0.721090556 | 0.331545336 | 0.328250674 | 0.221026738 | 0.225842745 |
| ## | 49829       | 49837       | 49838       | 49842       | 49845       | 49853       |
| ## | 0.228459110 | 0.576541292 | 0.086933965 | 0.207100773 | 0.328250674 | 0.721090556 |
| ## | 49856       | 49858       | 49868       | 49869       | 49874       | 49875       |
| ## | 0.328250674 | 0.195805594 | 0.331545336 | 0.328250674 | 0.195805594 | 0.195805594 |
| ## | 49881       | 49883       | 49885       | 49887       | 49891       | 49892       |
| ## | 0.328250674 | 0.331545336 | 0.331545336 | 0.731107690 | 0.328250674 | 0.328250674 |
| ## | 49894       | 49895       | 49904       | 49906       | 49907       | 49914       |
| ## | 0.195805594 | 0.328250674 | 0.130064477 | 0.594430627 | 0.083595684 | 0.218474671 |
| ## | 49917       | 49920       | 49921       | 49923       | 49926       | 49929       |
| ## | 0.204133121 | 0.204133121 | 0.581796001 | 0.581796001 | 0.204133121 | 0.204133121 |
| ## | 49930       | 49934       | 49937       | 49938       | 49939       | 49942       |
| ## | 0.201722505 | 0.179001228 | 0.218471388 | 0.345985509 | 0.208606820 | 0.349365599 |
| ## | 49945       | 49947       | 49951       | 49955       | 49962       | 49973       |
| ## | 0.321921295 | 0.321921295 | 0.159120599 | 0.306804976 | 0.280554643 | 0.324189969 |
| ## | 49978       | 49980       | 49991       | 49994       | 49995       | 49997       |
| ## | 0.348618689 | 0.208064605 | 0.325991543 | 0.235949731 | 0.235949731 | 0.246056205 |
| ## | 50000       | 50004       | 50010       | 50015       | 50016       | 50022       |
| ## | 0.333701961 | 0.308204522 | 0.311391249 | 0.724095736 | 0.326086201 | 0.327081561 |
| ## | 50025       | 50026       | 50027       | 50031       | 50034       | 50035       |
| ## | 0.110562577 | 0.199431118 | 0.623343649 | 0.173141152 | 0.746504205 | 0.355293162 |
| ## | 50054       | 50067       | 50071       | 50076       | 50078       | 50086       |
| ## | 0.307806971 | 0.337438767 | 0.283572669 | 0.331596026 | 0.304480973 | 0.327463742 |
| ## | 50090       | 50098       | 50102       | 50109       | 50112       | 50115       |
| ## | 0.165908180 | 0.311854989 | 0.311854989 | 0.311817904 | 0.476262099 | 0.476262099 |
| ## | 50116       | 50136       | 50137       | 50140       | 50144       | 50150       |
| ## | 0.476262099 | 0.827920736 | 0.476262099 | 0.479980863 | 0.834979083 | 0.476262099 |
| ## | 50156       | 50160       | 50163       | 50168       | 50171       | 50175       |
| ## | 0.479980863 | 0.479980863 | 0.476262099 | 0.476262099 | 0.476262099 | 0.476262099 |
| ## | 50183       | 50185       | 50187       | 50188       | 50191       | 50193       |
| ## | 0.311817904 | 0.476262099 | 0.476262099 | 0.311817904 | 0.476262099 | 0.476262099 |
| ## | 50194       | 50211       | 50219       | 50225       | 50227       | 50232       |
| ## | 0.833507265 | 0.311817904 | 0.476262099 | 0.311817904 | 0.479980863 | 0.479980863 |
| ## | 50244       | 50250       | 50252       | 50256       | 50258       | 50260       |
| ## | 0.476262099 | 0.476262099 | 0.479980863 | 0.479980863 | 0.311817904 | 0.311817904 |
| ## | 50271       | 50272       | 50274       | 50282       | 50300       | 50304       |
| ## | 0.476262099 | 0.476262099 | 0.479980863 | 0.476262099 | 0.476262099 | 0.479980863 |
| ## | 50309       | 50311       | 50320       | 50327       | 50331       | 50332       |
| ## | 0.476262099 | 0.476262099 | 0.479980863 | 0.311817904 | 0.334357918 | 0.319312590 |
| ## | 50333       | 50340       | 50346       | 50353       | 50358       | 50364       |
| ## | 0.322560618 | 0.321578168 | 0.319839482 | 0.237144907 | 0.337903659 | 0.346320103 |
| ## | 50378       | 50382       | 50390       | 50404       | 50406       | 50413       |
| ## | 0.346320103 | 0.336794438 | 0.319180697 | 0.731706359 | 0.329116214 | 0.323547690 |
| ## | 50416       | 50420       | 50422       | 50438       | 50440       | 50444       |
| ## | 0.721777285 | 0.323547690 | 0.323605666 | 0.355924712 | 0.311980160 | 0.311980160 |
| ## | 50449       | 50451       | 50458       | 50461       | 50466       | 50472       |
| ## | 0.295253985 | 0.342382307 | 0.345745805 | 0.342382307 | 0.320604505 | 0.188083749 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 50473       | 50474       | 50477       | 50486       | 50487       | 50493       |
| ## | 0.188083749 | 0.146769814 | 0.320604505 | 0.327463742 | 0.298575347 | 0.328897070 |
| ## | 50495       | 50503       | 50505       | 50506       | 50508       | 50512       |
| ## | 0.275519041 | 0.344635411 | 0.348009329 | 0.157466340 | 0.344635411 | 0.307909345 |
| ## | 50519       | 50521       | 50522       | 50524       | 50528       | 50536       |
| ## | 0.341365798 | 0.341365798 | 0.338022895 | 0.338022895 | 0.445550015 | 0.445550015 |
| ## | 50542       | 50549       | 50552       | 50558       | 50561       | 50563       |
| ## | 0.449234666 | 0.445550015 | 0.445550015 | 0.285920978 | 0.449234666 | 0.445550015 |
| ## | 50566       | 50569       | 50570       | 50585       | 50589       | 50596       |
| ## | 0.449234666 | 0.449234666 | 0.445550015 | 0.445550015 | 0.449234666 | 0.449234666 |
| ## | 50599       | 50601       | 50607       | 50608       | 50610       | 50613       |
| ## | 0.815634583 | 0.337490300 | 0.184193973 | 0.390847665 | 0.239528684 | 0.774195696 |
| ## | 50616       | 50619       | 50625       | 50642       | 50647       | 50649       |
| ## | 0.189552696 | 0.239528684 | 0.387305144 | 0.390847665 | 0.769826376 | 0.387305144 |
| ## | 50657       | 50659       | 50660       | 50667       | 50668       | 50669       |
| ## | 0.387305144 | 0.387305144 | 0.184193973 | 0.387305144 | 0.239528684 | 0.387305144 |
| ## | 50672       | 50679       | 50687       | 50689       | 50719       | 50729       |
| ## | 0.390847665 | 0.390847665 | 0.387305144 | 0.239528684 | 0.345401847 | 0.286712590 |
| ## | 50730       | 50731       | 50734       | 50745       | 50749       | 50762       |
| ## | 0.286712590 | 0.348920959 | 0.336315987 | 0.365867963 | 0.369332603 | 0.315052078 |
| ## | 50782       | 50785       | 50786       | 50788       | 50789       | 50790       |
| ## | 0.314267887 | 0.317488535 | 0.317488535 | 0.332319903 | 0.335635001 | 0.335635001 |
| ## | 50793       | 50801       | 50804       | 50807       | 50809       | 50811       |
| ## | 0.327337220 | 0.331712516 | 0.291971298 | 0.296067770 | 0.228023638 | 0.228023638 |
| ## | 50812       | 50814       | 50816       | 50826       | 50827       | 50839       |
| ## | 0.230657741 | 0.339650670 | 0.339650670 | 0.315720839 | 0.319028622 | 0.322755916 |
| ## | 50843       | 50847       | 50850       | 50852       | 50864       | 50866       |
| ## | 0.319839482 | 0.341365798 | 0.338022895 | 0.341365798 | 0.449234666 | 0.445550015 |
| ## | 50883       | 50887       | 50903       | 50904       | 50912       | 50917       |
| ## | 0.178489665 | 0.306804976 | 0.817229752 | 0.285920978 | 0.449234666 | 0.449234666 |
| ## | 50918       | 50919       | 50924       | 50925       | 50934       | 50950       |
| ## | 0.449234666 | 0.449234666 | 0.236337983 | 0.244081820 | 0.390847665 | 0.332850281 |
| ## | 50952       | 50959       | 50961       | 50966       | 50969       | 50970       |
| ## | 0.345241991 | 0.308204522 | 0.308204522 | 0.330018215 | 0.197716165 | 0.322819589 |
| ## | 50972       | 50978       | 50989       | 50990       | 50994       | 50995       |
| ## | 0.322819589 | 0.239528684 | 0.387305144 | 0.387305144 | 0.387305144 | 0.387305144 |
| ## | 51000       | 51003       | 51005       | 51007       | 51022       | 51024       |
| ## | 0.390847665 | 0.239528684 | 0.387305144 | 0.189552696 | 0.212927746 | 0.351886739 |
| ## | 51027       | 51029       | 51031       | 51039       | 51040       | 51046       |
| ## | 0.351886739 | 0.355293162 | 0.351886739 | 0.322768498 | 0.287238090 | 0.387305144 |
| ## | 51049       | 51053       | 51056       | 51060       | 51061       | 51078       |
| ## | 0.239528684 | 0.387305144 | 0.387305144 | 0.239528684 | 0.387305144 | 0.387305144 |
| ## | 51080       | 51082       | 51090       | 51096       | 51098       | 51100       |
| ## | 0.390847665 | 0.337046841 | 0.361901975 | 0.351198311 | 0.351198311 | 0.746664998 |
| ## | 51102       | 51105       | 51107       | 51112       | 51116       | 51121       |
| ## | 0.337438767 | 0.328301107 | 0.331596026 | 0.330396460 | 0.323551886 | 0.239528684 |
| ## | 51123       | 51125       | 51134       | 51138       | 51141       | 51147       |
| ## | 0.387305144 | 0.387305144 | 0.387305144 | 0.239528684 | 0.239528684 | 0.390847665 |
| ## | 51151       | 51154       | 51156       | 51159       | 51162       | 51166       |
| ## | 0.387305144 | 0.173653677 | 0.725344959 | 0.320121583 | 0.318148854 | 0.184211234 |
| ## | 51172       | 51173       | 51176       | 51178       | 51183       | 51184       |
| ## | 0.311854989 | 0.184211234 | 0.184211234 | 0.311854989 | 0.315062271 | 0.143597480 |
| ## | 51198       | 51199       | 51203       | 51208       | 51210       | 51213       |
| ## | 0.334340568 | 0.334340568 | 0.334340568 | 0.345542887 | 0.306925579 | 0.336315987 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 51216       | 51217       | 51219       | 51224       | 51225       | 51226       |
| ## | 0.234649247 | 0.234649247 | 0.325229019 | 0.369332603 | 0.369332603 | 0.476262099 |
| ## | 51232       | 51236       | 51237       | 51241       | 51243       | 51244       |
| ## | 0.476262099 | 0.479980863 | 0.245167153 | 0.476262099 | 0.476262099 | 0.476262099 |
| ## | 51246       | 51248       | 51252       | 51254       | 51258       | 51274       |
| ## | 0.311817904 | 0.476262099 | 0.476262099 | 0.479980863 | 0.479980863 | 0.365867963 |
| ## | 51279       | 51290       | 51295       | 51297       | 51301       | 51307       |
| ## | 0.369332603 | 0.219039649 | 0.231128673 | 0.342786861 | 0.479980863 | 0.479980863 |
| ## | 51316       | 51317       | 51325       | 51331       | 51333       | 51334       |
| ## | 0.476262099 | 0.476262099 | 0.479980863 | 0.479980863 | 0.479980863 | 0.342786861 |
| ## | 51342       | 51345       | 51347       | 51348       | 51351       | 51361       |
| ## | 0.314267887 | 0.317488535 | 0.314267887 | 0.332319903 | 0.335635001 | 0.335903366 |
| ## | 51379       | 51383       | 51390       | 51397       | 51398       | 51401       |
| ## | 0.479980863 | 0.476262099 | 0.834979083 | 0.311817904 | 0.479980863 | 0.476262099 |
| ## | 51410       | 51414       | 51416       | 51418       | 51430       | 51431       |
| ## | 0.339650670 | 0.322258187 | 0.327822615 | 0.327822615 | 0.354907029 | 0.325991543 |
| ## | 51445       | 51446       | 51454       | 51456       | 51463       | 51468       |
| ## | 0.476262099 | 0.479980863 | 0.311817904 | 0.476262099 | 0.476262099 | 0.311817904 |
| ## | 51470       | 51480       | 51483       | 51489       | 51490       | 51491       |
| ## | 0.479980863 | 0.479980863 | 0.311817904 | 0.311817904 | 0.476262099 | 0.476262099 |
| ## | 51493       | 51498       | 51499       | 51502       | 51514       | 51515       |
| ## | 0.476262099 | 0.476262099 | 0.476262099 | 0.479980863 | 0.333312103 | 0.333312103 |
| ## | 51522       | 51524       | 51534       | 51539       | 51544       | 51550       |
| ## | 0.318335384 | 0.348056479 | 0.280554643 | 0.237144907 | 0.241887017 | 0.258921317 |
| ## | 51553       | 51556       | 51557       | 51565       | 51568       | 51579       |
| ## | 0.258921317 | 0.342953947 | 0.342953947 | 0.274910421 | 0.328922990 | 0.325995049 |
| ## | 51580       | 51585       | 51602       | 51604       | 51613       | 51614       |
| ## | 0.329278168 | 0.320352091 | 0.328335619 | 0.334803962 | 0.315188140 | 0.311980160 |
| ## | 51615       | 51621       | 51625       | 51627       | 51635       | 51638       |
| ## | 0.311980160 | 0.311980160 | 0.317530105 | 0.345745805 | 0.320604505 | 0.188083749 |
| ## | 51647       | 51649       | 51651       | 51660       | 51665       | 51666       |
| ## | 0.317366946 | 0.188083749 | 0.188083749 | 0.176096390 | 0.324189969 | 0.718192223 |
| ## | 51667       | 51673       | 51674       | 51675       | 51680       | 51685       |
| ## | 0.314924598 | 0.325615905 | 0.325615905 | 0.328897070 | 0.272554121 | 0.344635411 |
| ## | 51694       | 51700       | 51714       | 51717       | 51719       | 51724       |
| ## | 0.106709035 | 0.211292085 | 0.198086658 | 0.562862024 | 0.198086658 | 0.195729885 |
| ## | 51728       | 51732       | 51733       | 51736       | 51737       | 51740       |
| ## | 0.198086658 | 0.195729885 | 0.198086658 | 0.195729885 | 0.195729885 | 0.481019773 |
| ## | 51743       | 51753       | 51763       | 51772       | 51773       | 51774       |
| ## | 0.467414741 | 0.204693255 | 0.144881624 | 0.235731980 | 0.235731980 | 0.238427627 |
| ## | 51783       | 51784       | 51785       | 51796       | 51797       | 51798       |
| ## | 0.210789580 | 0.213279600 | 0.213467589 | 0.200352091 | 0.197975018 | 0.200352091 |
| ## | 51804       | 51807       | 51810       | 51811       | 51826       | 51828       |
| ## | 0.151205490 | 0.216993977 | 0.154358434 | 0.154358434 | 0.548517963 | 0.140839629 |
| ## | 51830       | 51832       | 51841       | 51843       | 51857       | 51860       |
| ## | 0.526792417 | 0.188147531 | 0.197046242 | 0.585858599 | 0.170728091 | 0.193638465 |
| ## | 51864       | 51867       | 51870       | 51878       | 51880       | 51881       |
| ## | 0.189679320 | 0.172848518 | 0.503893101 | 0.191544993 | 0.195444975 | 0.583393362 |
| ## | 51884       | 51885       | 51887       | 51891       | 51898       | 51907       |
| ## | 0.186324991 | 0.193195849 | 0.189019435 | 0.180802914 | 0.598187956 | 0.170728091 |
| ## | 51914       | 51918       | 51921       | 51929       | 51938       | 51943       |
| ## | 0.559577094 | 0.197364152 | 0.150099750 | 0.076026609 | 0.428549857 | 0.106083320 |
| ## | 51945       | 51946       | 51954       | 51959       | 51963       | 51965       |
| ## | 0.077924478 | 0.141235498 | 0.193326702 | 0.155373606 | 0.162213613 | 0.094002558 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 51967       | 51972       | 51976       | 51983       | 51987       | 51995       |
| ## | 0.094825996 | 0.343379885 | 0.196210873 | 0.109440385 | 0.169921325 | 0.149453062 |
| ## | 52045       | 52047       | 52048       | 52057       | 52060       | 52064       |
| ## | 0.160605422 | 0.508257383 | 0.177604410 | 0.075642920 | 0.482550612 | 0.149581885 |
| ## | 52069       | 52077       | 52085       | 52091       | 52094       | 52098       |
| ## | 0.158052739 | 0.161109595 | 0.176472593 | 0.109440385 | 0.155851896 | 0.155851896 |
| ## | 52099       | 52100       | 52104       | 52122       | 52125       | 52142       |
| ## | 0.093038783 | 0.093038783 | 0.174201538 | 0.173669501 | 0.074818338 | 0.119114735 |
| ## | 52146       | 52150       | 52152       | 52154       | 52157       | 52167       |
| ## | 0.081580945 | 0.137365179 | 0.100870883 | 0.313826439 | 0.148533372 | 0.391389984 |
| ## | 52168       | 52169       | 52172       | 52180       | 52200       | 52203       |
| ## | 0.130366762 | 0.128686403 | 0.138084491 | 0.406901093 | 0.070459594 | 0.070459594 |
| ## | 52205       | 52206       | 52208       | 52209       | 52213       | 52229       |
| ## | 0.070459594 | 0.315706711 | 0.414178810 | 0.126026798 | 0.200435150 | 0.111396885 |
| ## | 52233       | 52235       | 52241       | 52243       | 52244       | 52248       |
| ## | 0.194173550 | 0.136949371 | 0.198057335 | 0.448659490 | 0.196759692 | 0.196759692 |
| ## | 52250       | 52254       | 52257       | 52268       | 52274       | 52275       |
| ## | 0.158851724 | 0.116441625 | 0.156253663 | 0.151322145 | 0.266441239 | 0.263538472 |
| ## | 52276       | 52287       | 52291       | 52294       | 52299       | 52306       |
| ## | 0.263538472 | 0.151322145 | 0.266441239 | 0.263538472 | 0.151322145 | 0.266441239 |
| ## | 52309       | 52312       | 52317       | 52324       | 52339       | 52340       |
| ## | 0.263538472 | 0.263538472 | 0.266441239 | 0.186749660 | 0.169867469 | 0.112180985 |
| ## | 52342       | 52343       | 52344       | 52349       | 52352       | 52357       |
| ## | 0.160787911 | 0.164666068 | 0.184126253 | 0.156037616 | 0.159922942 | 0.165045953 |
| ## | 52358       | 52362       | 52363       | 52365       | 52369       | 52375       |
| ## | 0.158980521 | 0.140490325 | 0.070994439 | 0.158029611 | 0.084364077 | 0.158029611 |
| ## | 52383       | 52386       | 52416       | 52417       | 52426       | 52430       |
| ## | 0.133142063 | 0.062132336 | 0.184033603 | 0.181806121 | 0.110569217 | 0.432105413 |
| ## | 52435       | 52437       | 52446       | 52447       | 52448       | 52454       |
| ## | 0.175015723 | 0.175015723 | 0.181806121 | 0.099681406 | 0.181806121 | 0.181806121 |
| ## | 52457       | 52462       | 52469       | 52470       | 52476       | 52478       |
| ## | 0.181806121 | 0.532189104 | 0.266441239 | 0.151322145 | 0.263538472 | 0.263538472 |
| ## | 52483       | 52491       | 52492       | 52497       | 52502       | 52503       |
| ## | 0.151322145 | 0.184496737 | 0.180498577 | 0.115157537 | 0.113673938 | 0.113673938 |
| ## | 52504       | 52505       | 52507       | 52523       | 52524       | 52525       |
| ## | 0.160787911 | 0.187812010 | 0.164666068 | 0.122723559 | 0.079795068 | 0.080896287 |
| ## | 52530       | 52535       | 52540       | 52541       | 52549       | 52555       |
| ## | 0.067733619 | 0.082001966 | 0.160224123 | 0.162239615 | 0.145435856 | 0.141756732 |
| ## | 52557       | 52559       | 52562       | 52575       | 52582       | 52590       |
| ## | 0.076041619 | 0.141745534 | 0.129596474 | 0.100788842 | 0.126738807 | 0.132019471 |
| ## | 52593       | 52595       | 52597       | 52602       | 52605       | 52606       |
| ## | 0.132019471 | 0.132019471 | 0.132019471 | 0.132019471 | 0.132019471 | 0.132019471 |
| ## | 52614       | 52616       | 52617       | 52635       | 52642       | 52645       |
| ## | 0.133736672 | 0.133736672 | 0.133736672 | 0.455739633 | 0.132019471 | 0.141308029 |
| ## | 52646       | 52654       | 52661       | 52662       | 52669       | 52670       |
| ## | 0.127478300 | 0.084279495 | 0.160035454 | 0.160035454 | 0.038618937 | 0.074604730 |
| ## | 52672       | 52673       | 52674       | 52682       | 52695       | 52705       |
| ## | 0.152935989 | 0.152935989 | 0.151015242 | 0.160678600 | 0.069393014 | 0.558661585 |
| ## | 52710       | 52712       | 52713       | 52716       | 52718       | 52720       |
| ## | 0.216625493 | 0.217921426 | 0.120327194 | 0.159679374 | 0.217665609 | 0.518851450 |
| ## | 52722       | 52723       | 52729       | 52731       | 52732       | 52742       |
| ## | 0.518851450 | 0.518851450 | 0.233295058 | 0.191449987 | 0.626806048 | 0.595866631 |
| ## | 52745       | 52750       | 52754       | 52755       | 52756       | 52758       |
| ## | 0.222666003 | 0.222666003 | 0.432894893 | 0.227203717 | 0.227203717 | 0.227203717 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 52767       | 52768       | 52771       | 52775       | 52779       | 52781       |
| ## | 0.619751183 | 0.139977807 | 0.538834631 | 0.210575969 | 0.239577678 | 0.230733079 |
| ## | 52786       | 52794       | 52801       | 52806       | 52807       | 52808       |
| ## | 0.536540972 | 0.200544608 | 0.200893223 | 0.268712764 | 0.271651502 | 0.154756170 |
| ## | 52809       | 52814       | 52816       | 52822       | 52830       | 52839       |
| ## | 0.652926935 | 0.154756170 | 0.268712764 | 0.271651502 | 0.268712764 | 0.154756170 |
| ## | 52842       | 52849       | 52857       | 52859       | 52863       | 52865       |
| ## | 0.671547866 | 0.268712764 | 0.268712764 | 0.268712764 | 0.268712764 | 0.268712764 |
| ## | 52868       | 52874       | 52875       | 52877       | 52878       | 52882       |
| ## | 0.268712764 | 0.268712764 | 0.271651502 | 0.154756170 | 0.268712764 | 0.268712764 |
| ## | 52884       | 52888       | 52896       | 52905       | 52921       | 52922       |
| ## | 0.268712764 | 0.268712764 | 0.268712764 | 0.268712764 | 0.189805246 | 0.203063647 |
| ## | 52925       | 52930       | 52936       | 52941       | 52943       | 52946       |
| ## | 0.216625493 | 0.217921426 | 0.182395701 | 0.518851450 | 0.518851450 | 0.518851450 |
| ## | 52952       | 52957       | 52958       | 52968       | 52972       | 52975       |
| ## | 0.233295058 | 0.583816008 | 0.143026841 | 0.123281896 | 0.123281896 | 0.208575774 |
| ## | 52984       | 52989       | 52990       | 52995       | 52998       | 53001       |
| ## | 0.227203717 | 0.524946737 | 0.524946737 | 0.623257053 | 0.246222201 | 0.175397446 |
| ## | 53003       | 53008       | 53022       | 53027       | 53029       | 53036       |
| ## | 0.201921713 | 0.602700291 | 0.144863322 | 0.200893223 | 0.594259496 | 0.271651502 |
| ## | 53041       | 53045       | 53051       | 53056       | 53070       | 53074       |
| ## | 0.668252181 | 0.268712764 | 0.154756170 | 0.268712764 | 0.268712764 | 0.268712764 |
| ## | 53087       | 53089       | 53098       | 53108       | 53114       | 53115       |
| ## | 0.268712764 | 0.268712764 | 0.268712764 | 0.268712764 | 0.671547866 | 0.668252181 |
| ## | 53116       | 53120       | 53129       | 53132       | 53137       | 53145       |
| ## | 0.271651502 | 0.271651502 | 0.498005288 | 0.591674912 | 0.195512536 | 0.106009795 |
| ## | 53146       | 53151       | 53158       | 53162       | 53176       | 53179       |
| ## | 0.569743623 | 0.569743623 | 0.176513378 | 0.096497507 | 0.581116079 | 0.581116079 |
| ## | 53194       | 53196       | 53201       | 53207       | 53210       | 53214       |
| ## | 0.560721913 | 0.577982845 | 0.159913077 | 0.494194232 | 0.556803469 | 0.556803469 |
| ## | 53217       | 53218       | 53225       | 53227       | 53229       | 53243       |
| ## | 0.455480458 | 0.455480458 | 0.196677071 | 0.199042427 | 0.573539089 | 0.196677071 |
| ## | 53244       | 53247       | 53249       | 53264       | 53266       | 53268       |
| ## | 0.576681152 | 0.196677071 | 0.161055396 | 0.511496565 | 0.507344499 | 0.350187386 |
| ## | 53271       | 53277       | 53280       | 53291       | 53294       | 53296       |
| ## | 0.369839326 | 0.194559924 | 0.569743623 | 0.194559924 | 0.173022059 | 0.543938085 |
| ## | 53301       | 53309       | 53327       | 53329       | 53331       | 53335       |
| ## | 0.543938085 | 0.581116079 | 0.581116079 | 0.581116079 | 0.581116079 | 0.199567322 |
| ## | 53347       | 53348       | 53350       | 53351       | 53366       | 53368       |
| ## | 0.581116079 | 0.448293512 | 0.317563920 | 0.514366672 | 0.556803469 | 0.556803469 |
| ## | 53369       | 53384       | 53386       | 53387       | 53389       | 53397       |
| ## | 0.556803469 | 0.108727574 | 0.576681152 | 0.196677071 | 0.196677071 | 0.576681152 |
| ## | 53398       | 53401       | 53405       | 53409       | 53413       | 53429       |
| ## | 0.199042427 | 0.080008219 | 0.182839348 | 0.375829325 | 0.180623122 | 0.202791242 |
| ## | 53433       | 53434       | 53435       | 53436       | 53439       | 53451       |
| ## | 0.100191109 | 0.182650561 | 0.419972997 | 0.099575771 | 0.205211347 | 0.202791242 |
| ## | 53454       | 53457       | 53471       | 53483       | 53493       | 53499       |
| ## | 0.179460857 | 0.177276698 | 0.098247454 | 0.175085708 | 0.143160740 | 0.095233148 |
| ## | 53501       | 53506       | 53507       | 53508       | 53510       | 53512       |
| ## | 0.165841397 | 0.124903388 | 0.124903388 | 0.436351277 | 0.185228711 | 0.194791666 |
| ## | 53519       | 53522       | 53539       | 53540       | 53541       | 53545       |
| ## | 0.181397308 | 0.102199889 | 0.194622109 | 0.192296671 | 0.114344832 | 0.184863663 |
| ## | 53547       | 53550       | 53556       | 53562       | 53571       | 53578       |
| ## | 0.184863663 | 0.184863663 | 0.095744198 | 0.111875040 | 0.144212269 | 0.100692568 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 53579       | 53581       | 53590       | 53596       | 53600       | 53605       |
| ## | 0.100692568 | 0.183480576 | 0.197794525 | 0.548948133 | 0.099419753 | 0.100515965 |
| ## | 53608       | 53619       | 53624       | 53626       | 53627       | 53645       |
| ## | 0.194195929 | 0.194390009 | 0.107022158 | 0.196232299 | 0.193892253 | 0.065478764 |
| ## | 53656       | 53660       | 53663       | 53677       | 53680       | 53683       |
| ## | 0.118072640 | 0.122206778 | 0.195718815 | 0.184094529 | 0.090858125 | 0.169715473 |
| ## | 53687       | 53709       | 53710       | 53717       | 53718       | 53728       |
| ## | 0.078467265 | 0.193179789 | 0.193179789 | 0.121086270 | 0.102156721 | 0.493589687 |
| ## | 53730       | 53735       | 53737       | 53740       | 53741       | 53746       |
| ## | 0.175624990 | 0.101694743 | 0.185137097 | 0.187396042 | 0.167062463 | 0.167062463 |
| ## | 53753       | 53760       | 53765       | 53775       | 53778       | 53781       |
| ## | 0.174637190 | 0.121778276 | 0.096436992 | 0.453292486 | 0.165841397 | 0.134288189 |
| ## | 53785       | 53792       | 53793       | 53796       | 53800       | 53801       |
| ## | 0.065478764 | 0.127481968 | 0.194791666 | 0.187734211 | 0.059084707 | 0.111920753 |
| ## | 53805       | 53807       | 53812       | 53813       | 53846       | 53848       |
| ## | 0.114705336 | 0.380912406 | 0.183480576 | 0.185723915 | 0.099419753 | 0.557732217 |
| ## | 53851       | 53860       | 53863       | 53866       | 53872       | 53881       |
| ## | 0.126326542 | 0.194209176 | 0.107022158 | 0.107022158 | 0.075779829 | 0.486060688 |
| ## | 53882       | 53888       | 53889       | 53890       | 53891       | 53895       |
| ## | 0.063976185 | 0.170692302 | 0.144142369 | 0.467549981 | 0.071169083 | 0.134143198 |
| ## | 53899       | 53900       | 53906       | 53907       | 53909       | 53920       |
| ## | 0.166031160 | 0.501042247 | 0.472000686 | 0.081143173 | 0.150548687 | 0.152464566 |
| ## | 53935       | 53940       | 53942       | 53944       | 53945       | 53948       |
| ## | 0.129853126 | 0.132411001 | 0.164401289 | 0.164401289 | 0.164401289 | 0.113643736 |
| ## | 53953       | 53956       | 53968       | 53969       | 53973       | 53975       |
| ## | 0.473803253 | 0.434365226 | 0.064097361 | 0.157668889 | 0.136795307 | 0.143316403 |
| ## | 53981       | 53993       | 53996       | 54012       | 54018       | 54021       |
| ## | 0.145155972 | 0.166763977 | 0.097708627 | 0.444532080 | 0.136179815 | 0.168592935 |
| ## | 54024       | 54026       | 54035       | 54036       | 54039       | 54041       |
| ## | 0.146405513 | 0.135425498 | 0.141356084 | 0.141356084 | 0.166031160 | 0.066387442 |
| ## | 54043       | 54048       | 54058       | 54059       | 54062       | 54066       |
| ## | 0.135011823 | 0.152464566 | 0.152464566 | 0.081143173 | 0.152464566 | 0.059533483 |
| ## | 54069       | 54071       | 54076       | 54085       | 54106       | 54113       |
| ## | 0.503712511 | 0.167515428 | 0.155699626 | 0.143316403 | 0.166763977 | 0.097708627 |
| ## | 54119       | 54131       | 54133       | 54143       | 54147       | 54148       |
| ## | 0.032495671 | 0.140432065 | 0.140432065 | 0.075277175 | 0.128881515 | 0.127192370 |
| ## | 54168       | 54173       | 54174       | 54175       | 54177       | 54191       |
| ## | 0.054942013 | 0.074834772 | 0.139664580 | 0.092774680 | 0.145937813 | 0.154468211 |
| ## | 54197       | 54204       | 54209       | 54211       | 54224       | 54225       |
| ## | 0.152531685 | 0.145004904 | 0.140432065 | 0.140432065 | 0.142240759 | 0.075277175 |
| ## | 54231       | 54249       | 54254       | 54269       | 54276       | 54282       |
| ## | 0.142240759 | 0.098823856 | 0.184566548 | 0.137037632 | 0.125769382 | 0.145512171 |
| ## | 54285       | 54286       | 54294       | 54295       | 54305       | 54315       |
| ## | 0.145512171 | 0.057068583 | 0.125769382 | 0.125769382 | 0.078214782 | 0.106112673 |
| ## | 54316       | 54325       | 54328       | 54330       | 54338       | 54345       |
| ## | 0.080567643 | 0.401084694 | 0.092393665 | 0.397903885 | 0.166065048 | 0.525652033 |
| ## | 54356       | 54370       | 54371       | 54372       | 54375       | 54376       |
| ## | 0.058769141 | 0.107503805 | 0.165229878 | 0.103046166 | 0.303746953 | 0.690738690 |
| ## | 54378       | 54382       | 54390       | 54398       | 54403       | 54407       |
| ## | 0.715943127 | 0.630169428 | 0.257528156 | 0.287123404 | 0.294174857 | 0.680192648 |
| ## | 54408       | 54409       | 54416       | 54430       | 54436       | 54437       |
| ## | 0.653674336 | 0.272304883 | 0.266572844 | 0.561725952 | 0.273614908 | 0.199317019 |
| ## | 54438       | 54440       | 54443       | 54449       | 54451       | 54454       |
| ## | 0.201706153 | 0.267629963 | 0.252566992 | 0.262836577 | 0.250511316 | 0.256416966 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 54458       | 54459       | 54460       | 54465       | 54467       | 54476       |
| ## | 0.253128379 | 0.638552032 | 0.306704622 | 0.715748574 | 0.306704622 | 0.186712838 |
| ## | 54477       | 54478       | 54481       | 54482       | 54486       | 54491       |
| ## | 0.250911681 | 0.648387296 | 0.653674336 | 0.270671680 | 0.570013535 | 0.676216094 |
| ## | 54496       | 54499       | 54500       | 54501       | 54502       | 54506       |
| ## | 0.637220276 | 0.688525904 | 0.691713100 | 0.688525904 | 0.268865056 | 0.197322859 |
| ## | 54507       | 54509       | 54520       | 54526       | 54529       | 54534       |
| ## | 0.639740338 | 0.293234769 | 0.551539093 | 0.678893240 | 0.170651917 | 0.661030304 |
| ## | 54542       | 54544       | 54548       | 54553       | 54555       | 54556       |
| ## | 0.302457694 | 0.286999145 | 0.292741189 | 0.627685992 | 0.578952636 | 0.214213119 |
| ## | 54570       | 54571       | 54573       | 54582       | 54599       | 54606       |
| ## | 0.270841946 | 0.270841946 | 0.202616640 | 0.262595631 | 0.298937020 | 0.259990406 |
| ## | 54617       | 54618       | 54620       | 54621       | 54622       | 54629       |
| ## | 0.314301658 | 0.314301658 | 0.314301658 | 0.314301658 | 0.314301658 | 0.682531296 |
| ## | 54634       | 54640       | 54641       | 54652       | 54654       | 54658       |
| ## | 0.675603926 | 0.652047271 | 0.267951105 | 0.690738690 | 0.697720614 | 0.160077106 |
| ## | 54665       | 54670       | 54673       | 54676       | 54679       | 54682       |
| ## | 0.279541326 | 0.686908465 | 0.598302376 | 0.256314442 | 0.268134824 | 0.275867165 |
| ## | 54686       | 54689       | 54690       | 54691       | 54695       | 54710       |
| ## | 0.264462541 | 0.541533491 | 0.523457042 | 0.523457042 | 0.291539760 | 0.218606691 |
| ## | 54712       | 54715       | 54725       | 54729       | 54738       | 54742       |
| ## | 0.644879264 | 0.656358158 | 0.273767853 | 0.116695037 | 0.263396177 | 0.699693840 |
| ## | 54752       | 54756       | 54759       | 54762       | 54767       | 54770       |
| ## | 0.297726931 | 0.261527939 | 0.255453442 | 0.672224221 | 0.588878065 | 0.678704238 |
| ## | 54774       | 54783       | 54794       | 54807       | 54808       | 54811       |
| ## | 0.542885962 | 0.676216094 | 0.691713100 | 0.601596518 | 0.275194793 | 0.687910153 |
| ## | 54812       | 54815       | 54819       | 54823       | 54839       | 54841       |
| ## | 0.684064548 | 0.298937020 | 0.302069765 | 0.247723491 | 0.314301658 | 0.652975864 |
| ## | 54850       | 54853       | 54856       | 54859       | 54863       | 54870       |
| ## | 0.646148500 | 0.298854120 | 0.718708788 | 0.693644742 | 0.300340871 | 0.268865056 |
| ## | 54872       | 54885       | 54889       | 54891       | 54899       | 54903       |
| ## | 0.676701094 | 0.545543479 | 0.262549647 | 0.157825360 | 0.678893240 | 0.701539125 |
| ## | 54905       | 54917       | 54921       | 54926       | 54932       | 54948       |
| ## | 0.282357941 | 0.663611645 | 0.155188298 | 0.571262544 | 0.266572844 | 0.630982006 |
| ## | 54952       | 54958       | 54967       | 54970       | 54971       | 54973       |
| ## | 0.272304883 | 0.302457694 | 0.289665037 | 0.292741189 | 0.676138457 | 0.283276389 |
| ## | 54975       | 54977       | 54978       | 54990       | 54997       | 54999       |
| ## | 0.280260283 | 0.283623274 | 0.283623274 | 0.217773569 | 0.301729062 | 0.301729062 |
| ## | 55020       | 55022       | 55023       | 55026       | 55027       | 55039       |
| ## | 0.681912774 | 0.678671326 | 0.689004241 | 0.681912774 | 0.707531950 | 0.646731378 |
| ## | 55045       | 55052       | 55056       | 55058       | 55060       | 55062       |
| ## | 0.665494404 | 0.686484040 | 0.592481412 | 0.584516211 | 0.690738690 | 0.602280021 |
| ## | 55069       | 55073       | 55081       | 55095       | 55103       | 55106       |
| ## | 0.297888246 | 0.306245341 | 0.571262544 | 0.265445449 | 0.647984453 | 0.291539760 |
| ## | 55113       | 55128       | 55137       | 55149       | 55159       | 55161       |
| ## | 0.710641639 | 0.303426230 | 0.066082994 | 0.068609733 | 0.166036931 | 0.166036931 |
| ## | 55164       | 55165       | 55171       | 55172       | 55173       | 55176       |
| ## | 0.126181152 | 0.224689623 | 0.227296552 | 0.227296552 | 0.227296552 | 0.204496218 |
| ## | 55179       | 55181       | 55192       | 55193       | 55201       | 55203       |
| ## | 0.097108809 | 0.090403655 | 0.195495423 | 0.048953076 | 0.227296552 | 0.227296552 |
| ## | 55210       | 55213       | 55214       | 55216       | 55217       | 55222       |
| ## | 0.126181152 | 0.224689623 | 0.227296552 | 0.224689623 | 0.224689623 | 0.269478689 |
| ## | 55230       | 55233       | 55243       | 55250       | 55258       | 55263       |
| ## | 0.719231434 | 0.719231434 | 0.462773673 | 0.256630523 | 0.315246292 | 0.702114686 |

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| ## | 55265       | 55268       | 55287       | 55288       | 55289       | 55293       |
| ## | 0.315246292 | 0.716212015 | 0.702114686 | 0.318472310 | 0.318472310 | 0.315246292 |
| ## | 55296       | 55300       | 55304       | 55312       | 55332       | 55334       |
| ## | 0.318472310 | 0.719231434 | 0.808910934 | 0.422081347 | 0.425720937 | 0.425720937 |
| ## | 55340       | 55341       | 55342       | 55347       | 55352       | 55362       |
| ## | 0.809668039 | 0.266814296 | 0.266814296 | 0.422081347 | 0.266814296 | 0.422081347 |
| ## | 55365       | 55376       | 55377       | 55381       | 55384       | 55386       |
| ## | 0.422081347 | 0.809668039 | 0.425720937 | 0.808066382 | 0.425720937 | 0.791970876 |
| ## | 55390       | 55391       | 55393       | 55400       | 55411       | 55417       |
| ## | 0.425720937 | 0.425720937 | 0.266814296 | 0.425720937 | 0.425720937 | 0.422081347 |
| ## | 55418       | 55427       | 55428       | 55437       | 55447       | 55454       |
| ## | 0.808066382 | 0.425720937 | 0.808066382 | 0.422081347 | 0.425720937 | 0.808066382 |
| ## | 55455       | 55456       | 55459       | 55463       | 55470       | 55472       |
| ## | 0.425720937 | 0.422081347 | 0.802520469 | 0.422081347 | 0.425720937 | 0.422081347 |
| ## | 55475       | 55478       | 55480       | 55492       | 55498       | 55507       |
| ## | 0.425720937 | 0.808066382 | 0.802520469 | 0.802520469 | 0.425720937 | 0.807360693 |
| ## | 55515       | 55517       | 55518       | 55524       | 55528       | 55529       |
| ## | 0.808066382 | 0.425720937 | 0.808910934 | 0.266814296 | 0.808066382 | 0.425720937 |
| ## | 55533       | 55539       | 55550       | 55553       | 55554       | 55555       |
| ## | 0.422081347 | 0.246001194 | 0.320594718 | 0.188076888 | 0.320594718 | 0.320594718 |
| ## | 55556       | 55560       | 55561       | 55562       | 55565       | 55566       |
| ## | 0.188076888 | 0.320594718 | 0.320594718 | 0.317357212 | 0.320594718 | 0.188076888 |
| ## | 55568       | 55571       | 55574       | 55577       | 55580       | 55581       |
| ## | 0.320594718 | 0.317357212 | 0.317357212 | 0.320594718 | 0.320594718 | 0.320594718 |
| ## | 55584       | 55595       | 55600       | 55603       | 55617       | 55627       |
| ## | 0.317357212 | 0.320594718 | 0.320594718 | 0.320594718 | 0.623477636 | 0.280450018 |
| ## | 55632       | 55647       | 55650       | 55655       | 55673       | 55679       |
| ## | 0.708948001 | 0.719231434 | 0.719231434 | 0.702114686 | 0.186590837 | 0.719231434 |
| ## | 55686       | 55691       | 55698       | 55709       | 55714       | 55721       |
| ## | 0.808066382 | 0.809973900 | 0.794415616 | 0.802520469 | 0.422081347 | 0.425720937 |
| ## | 55738       | 55739       | 55742       | 55747       | 55761       | 55763       |
| ## | 0.425720937 | 0.425720937 | 0.788991670 | 0.800828208 | 0.425720937 | 0.800828208 |
| ## | 55772       | 55786       | 55790       | 55804       | 55821       | 55825       |
| ## | 0.425720937 | 0.425720937 | 0.788991670 | 0.425720937 | 0.788991670 | 0.800828208 |
| ## | 55830       | 55832       | 55839       | 55844       | 55846       | 55850       |
| ## | 0.422081347 | 0.425720937 | 0.800147863 | 0.425720937 | 0.425720937 | 0.425720937 |
| ## | 55859       | 55864       | 55867       | 55869       | 55872       | 55875       |
| ## | 0.425720937 | 0.809668039 | 0.425720937 | 0.422081347 | 0.425720937 | 0.425720937 |
| ## | 55879       | 55881       | 55884       | 55893       | 55899       | 55905       |
| ## | 0.425720937 | 0.425720937 | 0.808066382 | 0.809668039 | 0.809973900 | 0.422081347 |
| ## | 55906       | 55910       | 55913       | 55914       | 55915       | 55916       |
| ## | 0.425720937 | 0.425720937 | 0.806596603 | 0.809973900 | 0.802520469 | 0.425720937 |
| ## | 55917       | 55921       | 55934       | 55936       | 55955       | 55959       |
| ## | 0.425720937 | 0.425720937 | 0.320594718 | 0.320594718 | 0.718191825 | 0.320594718 |
| ## | 55960       | 55963       | 55969       | 55972       | 55975       | 55977       |
| ## | 0.704152219 | 0.317357212 | 0.320594718 | 0.721198379 | 0.718191825 | 0.320594718 |
| ## | 55980       | 55981       | 55982       | 55984       | 55985       | 55989       |
| ## | 0.279585631 | 0.279585631 | 0.279585631 | 0.687897480 | 0.680253249 | 0.277452356 |
| ## | 55993       | 55994       | 55996       | 56004       | 56005       | 56006       |
| ## | 0.216652526 | 0.216652526 | 0.150930567 | 0.098290828 | 0.098290828 | 0.098290828 |
| ## | 56028       | 56032       | 56033       | 56037       | 56039       | 56040       |
| ## | 0.557736169 | 0.223337887 | 0.225933702 | 0.125326247 | 0.591910750 | 0.125326247 |
| ## | 56042       | 56044       | 56045       | 56048       | 56052       | 56056       |
| ## | 0.223337887 | 0.223337887 | 0.125326247 | 0.624249525 | 0.125326247 | 0.223337887 |

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| ## | 56061       | 56064       | 56069       | 56073       | 56078       | 56080       |
| ## | 0.223337887 | 0.125326247 | 0.223337887 | 0.186749067 | 0.096819846 | 0.132363397 |
| ## | 56093       | 56111       | 56114       | 56124       | 56126       | 56128       |
| ## | 0.196860371 | 0.160528014 | 0.142942155 | 0.093501905 | 0.337553402 | 0.541089271 |
| ## | 56131       | 56140       | 56144       | 56149       | 56161       | 56171       |
| ## | 0.549244991 | 0.186651630 | 0.186651630 | 0.131454842 | 0.116905523 | 0.179498297 |
| ## | 56172       | 56173       | 56174       | 56176       | 56180       | 56181       |
| ## | 0.181703783 | 0.179498297 | 0.181703783 | 0.179498297 | 0.419520743 | 0.225933702 |
| ## | 56184       | 56187       | 56194       | 56195       | 56200       | 56206       |
| ## | 0.223337887 | 0.595505775 | 0.223337887 | 0.225933702 | 0.595505775 | 0.225933702 |
| ## | 56217       | 56224       | 56228       | 56236       | 56239       | 56260       |
| ## | 0.163155395 | 0.522007252 | 0.317471721 | 0.189469490 | 0.421564977 | 0.055453996 |
| ## | 56263       | 56264       | 56275       | 56279       | 56282       | 56284       |
| ## | 0.108016833 | 0.132955828 | 0.080814024 | 0.130101179 | 0.106589244 | 0.050114076 |
| ## | 56289       | 56290       | 56297       | 56302       | 56310       | 56313       |
| ## | 0.134981983 | 0.080837553 | 0.081928054 | 0.071534836 | 0.278747758 | 0.248264277 |
| ## | 56316       | 56318       | 56325       | 56326       | 56328       | 56333       |
| ## | 0.272841578 | 0.230301963 | 0.287608204 | 0.287608204 | 0.287608204 | 0.258273939 |
| ## | 56347       | 56349       | 56352       | 56357       | 56360       | 56376       |
| ## | 0.266014102 | 0.266014102 | 0.247654569 | 0.287608204 | 0.287608204 | 0.266014102 |
| ## | 56377       | 56379       | 56380       | 56382       | 56383       | 56387       |
| ## | 0.268934180 | 0.268934180 | 0.266014102 | 0.228761784 | 0.250441877 | 0.281753958 |
| ## | 56389       | 56390       | 56393       | 56394       | 56395       | 56403       |
| ## | 0.278747758 | 0.278747758 | 0.248264277 | 0.074627343 | 0.136651784 | 0.284564288 |
| ## | 56404       | 56408       | 56409       | 56413       | 56426       | 56431       |
| ## | 0.284564288 | 0.284564288 | 0.284564288 | 0.335563515 | 0.198667601 | 0.335563515 |
| ## | 56437       | 56439       | 56440       | 56450       | 56454       | 56460       |
| ## | 0.335563515 | 0.332248770 | 0.332248770 | 0.335563515 | 0.221545528 | 0.224126523 |
| ## | 56462       | 56463       | 56464       | 56468       | 56472       | 56473       |
| ## | 0.221545528 | 0.124194684 | 0.221545528 | 0.224126523 | 0.221545528 | 0.117605661 |
| ## | 56478       | 56489       | 56498       | 56506       | 56507       | 56522       |
| ## | 0.149470611 | 0.244526227 | 0.138029667 | 0.138440246 | 0.140069041 | 0.201557558 |
| ## | 56524       | 56525       | 56531       | 56532       | 56540       | 56544       |
| ## | 0.335563515 | 0.335563515 | 0.335563515 | 0.335563515 | 0.332248770 | 0.335563515 |
| ## | 56545       | 56550       | 56560       | 56571       | 56573       | 56575       |
| ## | 0.335563515 | 0.332248770 | 0.221545528 | 0.224126523 | 0.101987933 | 0.146950606 |
| ## | 56576       | 56584       | 56588       | 56601       | 56611       | 56612       |
| ## | 0.146950606 | 0.181511000 | 0.181511000 | 0.109244863 | 0.046828558 | 0.093113882 |
| ## | 56617       | 56619       | 56621       | 56622       | 56631       | 56634       |
| ## | 0.151633758 | 0.149726474 | 0.145118377 | 0.135441843 | 0.373495522 | 0.151633758 |
| ## | 56639       | 56643       | 56645       | 56648       | 56651       | 56653       |
| ## | 0.082548309 | 0.106040720 | 0.133312834 | 0.104184373 | 0.478834025 | 0.149847693 |
| ## | 56655       | 56661       | 56662       | 56665       | 56670       | 56672       |
| ## | 0.147958957 | 0.063827561 | 0.084095384 | 0.095796252 | 0.129458060 | 0.099419244 |
| ## | 56676       | 56678       | 56684       | 56686       | 56692       | 56693       |
| ## | 0.083745742 | 0.067549421 | 0.068986045 | 0.129458060 | 0.350596946 | 0.077703175 |
| ## | 56696       | 56706       | 56707       | 56710       | 56713       | 56714       |
| ## | 0.083032685 | 0.138664728 | 0.070731708 | 0.070731708 | 0.074518929 | 0.074518929 |
| ## | 56715       | 56719       | 56731       | 56736       | 56741       | 56752       |
| ## | 0.139116265 | 0.074518929 | 0.090078638 | 0.160775285 | 0.087257322 | 0.083032685 |
| ## | 56753       | 56755       | 56757       | 56758       | 56762       | 56764       |
| ## | 0.155733397 | 0.155733397 | 0.091324353 | 0.123900777 | 0.241028337 | 0.136618888 |
| ## | 56774       | 56789       | 56793       | 56798       | 56804       | 56810       |
| ## | 0.238922946 | 0.147231757 | 0.103260457 | 0.501206209 | 0.501206209 | 0.087421776 |

|    |             |             |             |             |             |             |
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| ## | 56811       | 56820       | 56821       | 56824       | 56827       | 56829       |
| ## | 0.496043800 | 0.173806721 | 0.171676979 | 0.474916470 | 0.512474427 | 0.147798031 |
| ## | 56835       | 56839       | 56841       | 56842       | 56845       | 56853       |
| ## | 0.105341906 | 0.174709827 | 0.109266021 | 0.109266021 | 0.143143454 | 0.540669332 |
| ## | 56856       | 56858       | 56860       | 56864       | 56869       | 56872       |
| ## | 0.171676979 | 0.080904344 | 0.060299241 | 0.172231503 | 0.334546510 | 0.074703839 |
| ## | 56873       | 56878       | 56880       | 56882       | 56889       | 56892       |
| ## | 0.083328495 | 0.153885207 | 0.113714547 | 0.455289824 | 0.077735744 | 0.103387969 |
| ## | 56897       | 56898       | 56912       | 56914       | 56915       | 56921       |
| ## | 0.151377067 | 0.153301586 | 0.505627604 | 0.165429381 | 0.165429381 | 0.187298326 |
| ## | 56923       | 56940       | 56941       | 56946       | 56948       | 56949       |
| ## | 0.555556826 | 0.554504736 | 0.432382810 | 0.373438727 | 0.079308757 | 0.079308757 |
| ## | 56950       | 56953       | 56955       | 56957       | 56966       | 56972       |
| ## | 0.079308757 | 0.136618888 | 0.136618888 | 0.241028337 | 0.612918341 | 0.241643545 |
| ## | 56981       | 56984       | 56988       | 56993       | 56994       | 56995       |
| ## | 0.624194839 | 0.135262978 | 0.156181588 | 0.138525000 | 0.160877590 | 0.174366676 |
| ## | 57004       | 57006       | 57021       | 57024       | 57028       | 57037       |
| ## | 0.115066304 | 0.329534410 | 0.144685656 | 0.473468953 | 0.422048690 | 0.092171436 |
| ## | 57038       | 57041       | 57045       | 57064       | 57066       | 57067       |
| ## | 0.169272186 | 0.158431762 | 0.158431762 | 0.196647209 | 0.139292393 | 0.103810846 |
| ## | 57068       | 57072       | 57086       | 57087       | 57089       | 57099       |
| ## | 0.189819214 | 0.131471796 | 0.173543805 | 0.558749668 | 0.193066352 | 0.428463007 |
| ## | 57100       | 57101       | 57104       | 57108       | 57120       | 57125       |
| ## | 0.309068510 | 0.126996209 | 0.199175062 | 0.195447818 | 0.071823587 | 0.078763462 |
| ## | 57129       | 57132       | 57134       | 57135       | 57142       | 57143       |
| ## | 0.125051483 | 0.422094657 | 0.062135350 | 0.046889163 | 0.169239876 | 0.129635936 |
| ## | 57152       | 57161       | 57163       | 57167       | 57170       | 57175       |
| ## | 0.046677258 | 0.554596364 | 0.443415895 | 0.541736076 | 0.082120872 | 0.188980724 |
| ## | 57179       | 57200       | 57205       | 57224       | 57240       | 57246       |
| ## | 0.186707066 | 0.094666456 | 0.183105668 | 0.185974938 | 0.164769815 | 0.164769815 |
| ## | 57247       | 57250       | 57251       | 57266       | 57268       | 57270       |
| ## | 0.118110177 | 0.412971628 | 0.422094657 | 0.542531696 | 0.185345464 | 0.183105668 |
| ## | 57274       | 57286       | 57289       | 57290       | 57294       | 57296       |
| ## | 0.076582601 | 0.077941916 | 0.103604470 | 0.060471169 | 0.116128215 | 0.120318552 |
| ## | 57298       | 57302       | 57304       | 57305       | 57307       | 57309       |
| ## | 0.115914894 | 0.325575562 | 0.325575562 | 0.325575562 | 0.325575562 | 0.325575562 |
| ## | 57313       | 57319       | 57325       | 57327       | 57331       | 57333       |
| ## | 0.325575562 | 0.328856519 | 0.150546045 | 0.295964049 | 0.292868054 | 0.305598204 |
| ## | 57341       | 57348       | 57350       | 57356       | 57359       | 57365       |
| ## | 0.273684406 | 0.272300138 | 0.272300138 | 0.275263340 | 0.120378859 | 0.156909729 |
| ## | 57368       | 57372       | 57390       | 57393       | 57394       | 57397       |
| ## | 0.296272088 | 0.196444127 | 0.130510132 | 0.299009476 | 0.295895014 | 0.295895014 |
| ## | 57404       | 57411       | 57413       | 57414       | 57416       | 57423       |
| ## | 0.260840769 | 0.291043689 | 0.189461914 | 0.191761210 | 0.132261892 | 0.292602524 |
| ## | 57430       | 57437       | 57439       | 57453       | 57458       | 57468       |
| ## | 0.193898299 | 0.150546045 | 0.697382073 | 0.189738509 | 0.296432951 | 0.272300138 |
| ## | 57481       | 57490       | 57491       | 57493       | 57497       | 57498       |
| ## | 0.086864685 | 0.299388831 | 0.299388831 | 0.196444127 | 0.263594844 | 0.134631187 |
| ## | 57499       | 57502       | 57504       | 57510       | 57511       | 57517       |
| ## | 0.296014025 | 0.173221936 | 0.169254745 | 0.295895014 | 0.299009476 | 0.299009476 |
| ## | 57519       | 57528       | 57530       | 57539       | 57540       | 57543       |
| ## | 0.295895014 | 0.163954457 | 0.087815110 | 0.142841399 | 0.144675900 | 0.103548721 |
| ## | 57544       | 57550       | 57551       | 57556       | 57563       | 57564       |
| ## | 0.188193602 | 0.121713317 | 0.121713317 | 0.201458381 | 0.229189781 | 0.231833309 |

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| ## | 57567       | 57573       | 57579       | 57580       | 57582       | 57587       |
| ## | 0.231833309 | 0.204430951 | 0.327934755 | 0.497560659 | 0.331227810 | 0.327934755 |
| ## | 57588       | 57591       | 57594       | 57600       | 57603       | 57609       |
| ## | 0.327934755 | 0.327934755 | 0.327934755 | 0.327934755 | 0.327934755 | 0.327934755 |
| ## | 57610       | 57613       | 57632       | 57638       | 57639       | 57655       |
| ## | 0.147790328 | 0.327934755 | 0.327934755 | 0.720802246 | 0.331227810 | 0.215698111 |
| ## | 57659       | 57671       | 57676       | 57677       | 57681       | 57686       |
| ## | 0.201491834 | 0.201491834 | 0.085390571 | 0.085390571 | 0.201491834 | 0.085390571 |
| ## | 57693       | 57694       | 57703       | 57712       | 57713       | 57721       |
| ## | 0.331227810 | 0.331227810 | 0.331227810 | 0.327934755 | 0.327934755 | 0.327934755 |
| ## | 57727       | 57728       | 57732       | 57733       | 57740       | 57747       |
| ## | 0.327934755 | 0.229189781 | 0.225592287 | 0.097296225 | 0.572547913 | 0.331227810 |
| ## | 57748       | 57750       | 57765       | 57769       | 57770       | 57773       |
| ## | 0.147790328 | 0.331227810 | 0.327934755 | 0.327934755 | 0.327934755 | 0.327934755 |
| ## | 57774       | 57777       | 57778       | 57782       | 57785       | 57789       |
| ## | 0.327934755 | 0.728288865 | 0.331227810 | 0.327934755 | 0.218226801 | 0.220780099 |
| ## | 57803       | 57809       | 57811       | 57814       | 57820       | 57821       |
| ## | 0.503854551 | 0.349039918 | 0.349039918 | 0.337583119 | 0.313928655 | 0.338059486 |
| ## | 57826       | 57838       | 57850       | 57851       | 57853       | 57855       |
| ## | 0.303341557 | 0.160391415 | 0.288842912 | 0.289053389 | 0.151063022 | 0.344918116 |
| ## | 57866       | 57867       | 57868       | 57869       | 57893       | 57899       |
| ## | 0.307899053 | 0.307899053 | 0.311084042 | 0.307899053 | 0.233531172 | 0.351559978 |
| ## | 57905       | 57906       | 57909       | 57911       | 57918       | 57933       |
| ## | 0.341847144 | 0.341847144 | 0.725750117 | 0.358137925 | 0.337118443 | 0.150179433 |
| ## | 57937       | 57946       | 57949       | 57960       | 57965       | 57967       |
| ## | 0.323876074 | 0.311547532 | 0.311547532 | 0.314753097 | 0.479623179 | 0.479623179 |
| ## | 57969       | 57970       | 57971       | 57979       | 57981       | 57993       |
| ## | 0.479623179 | 0.479623179 | 0.475904649 | 0.475904649 | 0.244902044 | 0.475904649 |
| ## | 58000       | 58001       | 58006       | 58009       | 58010       | 58023       |
| ## | 0.479623179 | 0.475904649 | 0.827716472 | 0.311510466 | 0.311510466 | 0.479623179 |
| ## | 58028       | 58034       | 58035       | 58043       | 58047       | 58061       |
| ## | 0.475904649 | 0.475904649 | 0.479623179 | 0.475904649 | 0.479623179 | 0.475904649 |
| ## | 58062       | 58073       | 58075       | 58089       | 58091       | 58094       |
| ## | 0.311510466 | 0.475904649 | 0.475904649 | 0.475904649 | 0.475904649 | 0.475904649 |
| ## | 58097       | 58101       | 58110       | 58112       | 58115       | 58118       |
| ## | 0.479623179 | 0.475904649 | 0.311510466 | 0.479623179 | 0.479623179 | 0.311510466 |
| ## | 58126       | 58131       | 58134       | 58135       | 58136       | 58139       |
| ## | 0.475904649 | 0.475904649 | 0.479623179 | 0.479623179 | 0.827716472 | 0.827716472 |
| ## | 58140       | 58147       | 58155       | 58161       | 58162       | 58168       |
| ## | 0.475904649 | 0.479623179 | 0.475904649 | 0.479623179 | 0.479623179 | 0.475904649 |
| ## | 58171       | 58172       | 58182       | 58184       | 58185       | 58196       |
| ## | 0.475904649 | 0.475904649 | 0.311510466 | 0.479623179 | 0.475904649 | 0.479623179 |
| ## | 58203       | 58207       | 58211       | 58213       | 58219       | 58236       |
| ## | 0.475904649 | 0.479623179 | 0.475904649 | 0.475904649 | 0.475904649 | 0.311510466 |
| ## | 58242       | 58245       | 58265       | 58267       | 58269       | 58272       |
| ## | 0.322247548 | 0.146783300 | 0.280265477 | 0.321265600 | 0.139372282 | 0.312675594 |
| ## | 58278       | 58279       | 58280       | 58283       | 58291       | 58292       |
| ## | 0.337583119 | 0.337583119 | 0.340923912 | 0.337583119 | 0.258646432 | 0.258646432 |
| ## | 58293       | 58297       | 58301       | 58303       | 58311       | 58315       |
| ## | 0.258646432 | 0.234033812 | 0.206164466 | 0.345995751 | 0.342631096 | 0.339809865 |
| ## | 58321       | 58323       | 58324       | 58325       | 58335       | 58336       |
| ## | 0.194987845 | 0.216409083 | 0.207582555 | 0.207582555 | 0.318869363 | 0.677134323 |
| ## | 58341       | 58363       | 58367       | 58376       | 58379       | 58380       |
| ## | 0.311723642 | 0.240405742 | 0.331313145 | 0.334484877 | 0.355596258 | 0.355596258 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 58390       | 58391       | 58393       | 58395       | 58402       | 58415       |
| ## | 0.311672636 | 0.184083552 | 0.705509626 | 0.138618920 | 0.345421707 | 0.710672693 |
| ## | 58416       | 58418       | 58420       | 58423       | 58425       | 58426       |
| ## | 0.718324789 | 0.317056558 | 0.142233123 | 0.317056558 | 0.320292436 | 0.320292436 |
| ## | 58430       | 58434       | 58435       | 58438       | 58446       | 58460       |
| ## | 0.187865004 | 0.187865004 | 0.320292436 | 0.317056558 | 0.304368073 | 0.328580833 |
| ## | 58462       | 58464       | 58467       | 58474       | 58477       | 58482       |
| ## | 0.328580833 | 0.326844523 | 0.742568472 | 0.735332323 | 0.318533825 | 0.325707380 |
| ## | 58483       | 58489       | 58492       | 58505       | 58517       | 58518       |
| ## | 0.319527808 | 0.341043665 | 0.448880116 | 0.445196022 | 0.448880116 | 0.448880116 |
| ## | 58520       | 58540       | 58541       | 58544       | 58546       | 58547       |
| ## | 0.448880116 | 0.445196022 | 0.445196022 | 0.285628476 | 0.445196022 | 0.448880116 |
| ## | 58556       | 58560       | 58567       | 58569       | 58578       | 58579       |
| ## | 0.228929577 | 0.340508758 | 0.239267740 | 0.390506523 | 0.189332641 | 0.390506523 |
| ## | 58589       | 58593       | 58594       | 58598       | 58603       | 58610       |
| ## | 0.239267740 | 0.189332641 | 0.183978726 | 0.390506523 | 0.386965130 | 0.386965130 |
| ## | 58611       | 58616       | 58619       | 58620       | 58627       | 58630       |
| ## | 0.390506523 | 0.189332641 | 0.386965130 | 0.386965130 | 0.386965130 | 0.386965130 |
| ## | 58648       | 58650       | 58658       | 58661       | 58670       | 58676       |
| ## | 0.386965130 | 0.239267740 | 0.390506523 | 0.287617791 | 0.235230668 | 0.228903999 |
| ## | 58678       | 58701       | 58702       | 58703       | 58704       | 58705       |
| ## | 0.306620816 | 0.368998864 | 0.365535541 | 0.175710672 | 0.368998864 | 0.759890862 |
| ## | 58707       | 58714       | 58721       | 58724       | 58743       | 58751       |
| ## | 0.365535541 | 0.165898116 | 0.232530946 | 0.360430560 | 0.280265477 | 0.338489137 |
| ## | 58753       | 58757       | 58762       | 58763       | 58764       | 58770       |
| ## | 0.338489137 | 0.230403533 | 0.314837773 | 0.318061553 | 0.318061553 | 0.318700524 |
| ## | 58773       | 58775       | 58787       | 58805       | 58806       | 58807       |
| ## | 0.355026842 | 0.351621581 | 0.355026842 | 0.479623179 | 0.479623179 | 0.479623179 |
| ## | 58811       | 58815       | 58816       | 58829       | 58830       | 58836       |
| ## | 0.475904649 | 0.479623179 | 0.475904649 | 0.475904649 | 0.479623179 | 0.479623179 |
| ## | 58842       | 58845       | 58849       | 58856       | 58859       | 58861       |
| ## | 0.251482492 | 0.475904649 | 0.479623179 | 0.479623179 | 0.479623179 | 0.479623179 |
| ## | 58883       | 58895       | 58903       | 58904       | 58906       | 58918       |
| ## | 0.277603701 | 0.344311805 | 0.157276306 | 0.390506523 | 0.386965130 | 0.287617791 |
| ## | 58926       | 58927       | 58938       | 58942       | 58943       | 58946       |
| ## | 0.334021703 | 0.723328076 | 0.306403060 | 0.329406709 | 0.329406709 | 0.349758465 |
| ## | 58954       | 58955       | 58960       | 58961       | 58967       | 58969       |
| ## | 0.365535541 | 0.368998864 | 0.759890862 | 0.368998864 | 0.365535541 | 0.170660866 |
| ## | 58970       | 58975       | 58983       | 58986       | 58989       | 59000       |
| ## | 0.368998864 | 0.322275982 | 0.253852158 | 0.360430560 | 0.551718635 | 0.313959136 |
| ## | 59003       | 59023       | 59025       | 59032       | 59040       | 59042       |
| ## | 0.332002004 | 0.213892460 | 0.338489137 | 0.332359942 | 0.334220895 | 0.475904649 |
| ## | 59055       | 59065       | 59079       | 59083       | 59084       | 59087       |
| ## | 0.479623179 | 0.311510466 | 0.475904649 | 0.475904649 | 0.475904649 | 0.833308298 |
| ## | 59088       | 59089       | 59098       | 59102       | 59106       | 59111       |
| ## | 0.311510466 | 0.475904649 | 0.336312162 | 0.336312162 | 0.347731366 | 0.715601447 |
| ## | 59113       | 59115       | 59116       | 59123       | 59131       | 59133       |
| ## | 0.347684237 | 0.347684237 | 0.347684237 | 0.325707380 | 0.332359942 | 0.341043665 |
| ## | 59137       | 59140       | 59145       | 59146       | 59158       | 59159       |
| ## | 0.448880116 | 0.448880116 | 0.448880116 | 0.448880116 | 0.349039918 | 0.337583119 |
| ## | 59162       | 59166       | 59167       | 59175       | 59178       | 59179       |
| ## | 0.202507680 | 0.318365605 | 0.321608552 | 0.303341557 | 0.178279628 | 0.475904649 |
| ## | 59187       | 59188       | 59196       | 59198       | 59205       | 59207       |
| ## | 0.475904649 | 0.479623179 | 0.475904649 | 0.311510466 | 0.475904649 | 0.475904649 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 59208       | 59212       | 59217       | 59232       | 59240       | 59242       |
| ## | 0.479623179 | 0.311510466 | 0.352634146 | 0.315242575 | 0.202507680 | 0.340923912 |
| ## | 59248       | 59252       | 59255       | 59265       | 59273       | 59285       |
| ## | 0.318869363 | 0.445196022 | 0.448880116 | 0.448880116 | 0.448880116 | 0.445196022 |
| ## | 59286       | 59288       | 59289       | 59292       | 59296       | 59297       |
| ## | 0.448880116 | 0.178279628 | 0.306500280 | 0.198464559 | 0.224946313 | 0.306796883 |
| ## | 59298       | 59299       | 59306       | 59307       | 59310       | 59313       |
| ## | 0.309975577 | 0.306796883 | 0.323876074 | 0.345335147 | 0.330079491 | 0.181447541 |
| ## | 59314       | 59318       | 59321       | 59323       | 59325       | 59327       |
| ## | 0.311084042 | 0.181447541 | 0.311084042 | 0.479623179 | 0.475904649 | 0.475904649 |
| ## | 59329       | 59339       | 59343       | 59344       | 59348       | 59349       |
| ## | 0.475904649 | 0.475904649 | 0.479623179 | 0.475904649 | 0.479623179 | 0.475904649 |
| ## | 59350       | 59352       | 59354       | 59357       | 59361       | 59365       |
| ## | 0.475904649 | 0.479623179 | 0.833000427 | 0.475904649 | 0.191326593 | 0.311723642 |
| ## | 59366       | 59369       | 59376       | 59377       | 59382       | 59386       |
| ## | 0.311723642 | 0.328606740 | 0.325680248 | 0.325680248 | 0.319982513 | 0.740389886 |
| ## | 59401       | 59411       | 59415       | 59417       | 59432       | 59439       |
| ## | 0.448880116 | 0.445196022 | 0.448880116 | 0.815418986 | 0.311084042 | 0.726921581 |
| ## | 59445       | 59446       | 59447       | 59450       | 59461       | 59464       |
| ## | 0.322506388 | 0.191717569 | 0.326766220 | 0.150329840 | 0.212687676 | 0.354964969 |
| ## | 59470       | 59471       | 59473       | 59474       | 59476       | 59479       |
| ## | 0.475904649 | 0.475904649 | 0.475904649 | 0.479623179 | 0.479623179 | 0.475904649 |
| ## | 59484       | 59490       | 59496       | 59500       | 59504       | 59510       |
| ## | 0.479623179 | 0.311510466 | 0.475904649 | 0.479623179 | 0.324334471 | 0.331313145 |
| ## | 59522       | 59528       | 59531       | 59539       | 59551       | 59559       |
| ## | 0.184083552 | 0.311672636 | 0.311672636 | 0.386965130 | 0.239267740 | 0.390506523 |
| ## | 59564       | 59565       | 59568       | 59571       | 59572       | 59577       |
| ## | 0.390506523 | 0.390506523 | 0.776157326 | 0.239267740 | 0.386965130 | 0.341847144 |
| ## | 59586       | 59590       | 59595       | 59597       | 59607       | 59610       |
| ## | 0.358137925 | 0.328703557 | 0.199778914 | 0.200296631 | 0.333383400 | 0.323238314 |
| ## | 59616       | 59617       | 59619       | 59622       | 59624       | 59628       |
| ## | 0.475904649 | 0.479623179 | 0.475904649 | 0.479623179 | 0.475904649 | 0.827716472 |
| ## | 59635       | 59639       | 59653       | 59657       | 59662       | 59664       |
| ## | 0.475904649 | 0.479623179 | 0.316562056 | 0.345421707 | 0.345421707 | 0.345421707 |
| ## | 59674       | 59680       | 59684       | 59689       | 59690       | 59714       |
| ## | 0.320292436 | 0.317056558 | 0.239267740 | 0.386965130 | 0.386965130 | 0.386965130 |
| ## | 59715       | 59717       | 59721       | 59728       | 59733       | 59740       |
| ## | 0.239267740 | 0.390506523 | 0.724617640 | 0.318717368 | 0.183995972 | 0.314753097 |
| ## | 59745       | 59746       | 59751       | 59758       | 59761       | 59770       |
| ## | 0.311547532 | 0.705388440 | 0.314753097 | 0.238167506 | 0.235473891 | 0.195489888 |
| ## | 59773       | 59776       | 59781       | 59799       | 59803       | 59806       |
| ## | 0.187255626 | 0.176460652 | 0.139956169 | 0.079502197 | 0.197859115 | 0.133188878 |
| ## | 59811       | 59815       | 59818       | 59822       | 59824       | 59830       |
| ## | 0.213039241 | 0.204460058 | 0.204460058 | 0.197747571 | 0.203014440 | 0.107091573 |
| ## | 59832       | 59833       | 59838       | 59841       | 59857       | 59875       |
| ## | 0.213722554 | 0.136715613 | 0.235473891 | 0.235473891 | 0.205386332 | 0.079866245 |
| ## | 59887       | 59890       | 59892       | 59899       | 59903       | 59908       |
| ## | 0.195504389 | 0.465508178 | 0.456614061 | 0.151021657 | 0.171771102 | 0.631510266 |
| ## | 59910       | 59914       | 59917       | 59929       | 59940       | 59941       |
| ## | 0.522846227 | 0.191323172 | 0.172989282 | 0.187928729 | 0.196819600 | 0.576901299 |
| ## | 59944       | 59948       | 59952       | 59956       | 59958       | 59960       |
| ## | 0.199041499 | 0.167465044 | 0.562270463 | 0.168330468 | 0.579801206 | 0.106730296 |
| ## | 59962       | 59965       | 59968       | 59972       | 59977       | 59991       |
| ## | 0.561303024 | 0.192664296 | 0.550414448 | 0.488337956 | 0.440385697 | 0.168029356 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 59992       | 59999       | 60002       | 60003       | 60004       | 60008       |
| ## | 0.192972572 | 0.605353451 | 0.157361703 | 0.519788019 | 0.570839204 | 0.414200779 |
| ## | 60009       | 60013       | 60014       | 60016       | 60027       | 60028       |
| ## | 0.110179701 | 0.201428161 | 0.110179701 | 0.182253525 | 0.515822403 | 0.508357910 |
| ## | 60033       | 60038       | 60042       | 60046       | 60055       | 60058       |
| ## | 0.109344803 | 0.573750586 | 0.550414448 | 0.191323172 | 0.102835283 | 0.102835283 |
| ## | 60065       | 60069       | 60070       | 60077       | 60078       | 60082       |
| ## | 0.093254476 | 0.090154450 | 0.046385824 | 0.144204870 | 0.146053899 | 0.121553705 |
| ## | 60085       | 60086       | 60090       | 60094       | 60098       | 60099       |
| ## | 0.121553705 | 0.107367526 | 0.337250162 | 0.090154450 | 0.190791720 | 0.190791720 |
| ## | 60100       | 60103       | 60107       | 60111       | 60123       | 60129       |
| ## | 0.193103310 | 0.175223817 | 0.164905586 | 0.150583086 | 0.150090173 | 0.165244568 |
| ## | 60137       | 60138       | 60139       | 60144       | 60149       | 60153       |
| ## | 0.195984958 | 0.195984958 | 0.198344045 | 0.195984958 | 0.089832110 | 0.160916004 |
| ## | 60155       | 60163       | 60170       | 60179       | 60183       | 60186       |
| ## | 0.078263743 | 0.171460201 | 0.195984958 | 0.151652850 | 0.095058393 | 0.056817369 |
| ## | 60191       | 60194       | 60197       | 60205       | 60209       | 60210       |
| ## | 0.151980760 | 0.161315448 | 0.161315448 | 0.519508999 | 0.173995479 | 0.173995479 |
| ## | 60211       | 60216       | 60224       | 60227       | 60228       | 60238       |
| ## | 0.176147867 | 0.470649087 | 0.044506331 | 0.162429722 | 0.160412321 | 0.179580491 |
| ## | 60240       | 60241       | 60242       | 60249       | 60252       | 60254       |
| ## | 0.179580491 | 0.179580491 | 0.097026681 | 0.062536324 | 0.043084541 | 0.155848377 |
| ## | 60255       | 60257       | 60258       | 60267       | 60270       | 60272       |
| ## | 0.151372605 | 0.516099476 | 0.162289117 | 0.111451579 | 0.110746924 | 0.564842724 |
| ## | 60278       | 60279       | 60280       | 60281       | 60282       | 60284       |
| ## | 0.155185632 | 0.175890874 | 0.162579739 | 0.164052610 | 0.093880579 | 0.507226973 |
| ## | 60299       | 60301       | 60304       | 60326       | 60339       | 60343       |
| ## | 0.341417986 | 0.107858284 | 0.529489673 | 0.159037298 | 0.074719200 | 0.384917165 |
| ## | 60345       | 60348       | 60365       | 60369       | 60381       | 60383       |
| ## | 0.157797587 | 0.112817785 | 0.485810411 | 0.148352221 | 0.078775738 | 0.146479086 |
| ## | 60384       | 60389       | 60391       | 60396       | 60399       | 60407       |
| ## | 0.078775738 | 0.146479086 | 0.120535423 | 0.087024844 | 0.063217182 | 0.114827531 |
| ## | 60411       | 60413       | 60417       | 60433       | 60434       | 60438       |
| ## | 0.081836509 | 0.443676874 | 0.072891275 | 0.160659917 | 0.165606749 | 0.196533300 |
| ## | 60441       | 60442       | 60443       | 60444       | 60447       | 60452       |
| ## | 0.432351182 | 0.088516696 | 0.077296720 | 0.390576114 | 0.193949415 | 0.560067529 |
| ## | 60453       | 60455       | 60460       | 60467       | 60468       | 60469       |
| ## | 0.124947456 | 0.584765369 | 0.156064822 | 0.151138196 | 0.266161237 | 0.266161237 |
| ## | 60478       | 60479       | 60481       | 60497       | 60499       | 60505       |
| ## | 0.266161237 | 0.266161237 | 0.263260426 | 0.266161237 | 0.263260426 | 0.263260426 |
| ## | 60506       | 60511       | 60515       | 60516       | 60518       | 60519       |
| ## | 0.151138196 | 0.089910592 | 0.184281217 | 0.186532110 | 0.184281217 | 0.072834700 |
| ## | 60527       | 60529       | 60538       | 60540       | 60551       | 60569       |
| ## | 0.187593508 | 0.187593508 | 0.115011593 | 0.089007423 | 0.156808355 | 0.074180962 |
| ## | 60581       | 60586       | 60589       | 60590       | 60592       | 60594       |
| ## | 0.096768498 | 0.174808904 | 0.099552868 | 0.181593044 | 0.181593044 | 0.181593044 |
| ## | 60597       | 60598       | 60604       | 60609       | 60611       | 60612       |
| ## | 0.181593044 | 0.099552868 | 0.176402969 | 0.176402969 | 0.102556749 | 0.118290629 |
| ## | 60615       | 60621       | 60633       | 60634       | 60638       | 60642       |
| ## | 0.266161237 | 0.151138196 | 0.151138196 | 0.263260426 | 0.151138196 | 0.113183893 |
| ## | 60649       | 60651       | 60665       | 60668       | 60681       | 60684       |
| ## | 0.101176717 | 0.098765478 | 0.187593508 | 0.567588416 | 0.184281217 | 0.181593044 |
| ## | 60688       | 60690       | 60695       | 60699       | 60702       | 60708       |
| ## | 0.497711759 | 0.129406429 | 0.096431287 | 0.178578700 | 0.084805133 | 0.108458737 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 60710       | 60713       | 60715       | 60718       | 60719       | 60721       |
| ## | 0.160031393 | 0.160031393 | 0.162044929 | 0.160031393 | 0.162044929 | 0.162044929 |
| ## | 60722       | 60734       | 60739       | 60741       | 60744       | 60745       |
| ## | 0.162044929 | 0.120780520 | 0.433225763 | 0.433225763 | 0.433225763 | 0.122372144 |
| ## | 60748       | 60750       | 60752       | 60766       | 60771       | 60773       |
| ## | 0.433225763 | 0.433225763 | 0.122372144 | 0.139769717 | 0.185667913 | 0.185667913 |
| ## | 60775       | 60790       | 60794       | 60798       | 60800       | 60801       |
| ## | 0.185667913 | 0.433225763 | 0.155960305 | 0.082124102 | 0.162044929 | 0.501997674 |
| ## | 60804       | 60807       | 60817       | 60820       | 60828       | 60830       |
| ## | 0.160031393 | 0.160031393 | 0.439807859 | 0.145560683 | 0.131855340 | 0.131855340 |
| ## | 60834       | 60835       | 60836       | 60840       | 60842       | 60856       |
| ## | 0.070354015 | 0.131855340 | 0.131855340 | 0.131855340 | 0.131855340 | 0.131855340 |
| ## | 60858       | 60862       | 60865       | 60866       | 60878       | 60885       |
| ## | 0.131855340 | 0.133570735 | 0.425628921 | 0.120436498 | 0.157693466 | 0.128252874 |
| ## | 60889       | 60902       | 60925       | 60926       | 60927       | 60928       |
| ## | 0.128252874 | 0.457670479 | 0.145524882 | 0.084168961 | 0.155723953 | 0.084168961 |
| ## | 60931       | 60932       | 60933       | 60934       | 60945       | 60954       |
| ## | 0.103669988 | 0.146144531 | 0.065484329 | 0.129658603 | 0.129591439 | 0.518493680 |
| ## | 60966       | 60968       | 60969       | 60971       | 60982       | 60984       |
| ## | 0.235713172 | 0.580212833 | 0.209584056 | 0.580212833 | 0.580212833 | 0.580212833 |
| ## | 60985       | 60989       | 60991       | 60995       | 61002       | 61003       |
| ## | 0.209584056 | 0.604325767 | 0.206378162 | 0.223349199 | 0.192527285 | 0.555058764 |
| ## | 61004       | 61005       | 61009       | 61011       | 61016       | 61017       |
| ## | 0.198283413 | 0.487922847 | 0.223349199 | 0.194377264 | 0.190538541 | 0.184413136 |
| ## | 61022       | 61036       | 61037       | 61047       | 61050       | 61052       |
| ## | 0.226952193 | 0.245956323 | 0.248730837 | 0.204101207 | 0.204101207 | 0.223162208 |
| ## | 61063       | 61065       | 61068       | 61069       | 61072       | 61082       |
| ## | 0.203835277 | 0.578623851 | 0.555934793 | 0.555934793 | 0.236104144 | 0.163567353 |
| ## | 61085       | 61086       | 61087       | 61091       | 61092       | 61093       |
| ## | 0.154568807 | 0.268431249 | 0.271368051 | 0.268431249 | 0.268431249 | 0.671231693 |
| ## | 61108       | 61114       | 61116       | 61119       | 61122       | 61129       |
| ## | 0.271368051 | 0.268431249 | 0.268431249 | 0.268431249 | 0.268431249 | 0.268431249 |
| ## | 61134       | 61135       | 61139       | 61144       | 61147       | 61158       |
| ## | 0.271368051 | 0.271368051 | 0.671231693 | 0.271368051 | 0.154568807 | 0.671231693 |
| ## | 61163       | 61168       | 61180       | 61182       | 61187       | 61193       |
| ## | 0.271368051 | 0.271368051 | 0.118821373 | 0.428669510 | 0.154725699 | 0.191084509 |
| ## | 61194       | 61207       | 61209       | 61215       | 61231       | 61237       |
| ## | 0.474837416 | 0.268431249 | 0.268431249 | 0.271368051 | 0.154568807 | 0.271368051 |
| ## | 61238       | 61239       | 61252       | 61256       | 61257       | 61271       |
| ## | 0.271368051 | 0.154568807 | 0.591918588 | 0.466744147 | 0.213428003 | 0.419940192 |
| ## | 61272       | 61274       | 61291       | 61295       | 61297       | 61305       |
| ## | 0.170896320 | 0.120947826 | 0.184413136 | 0.226952193 | 0.226952193 | 0.160168426 |
| ## | 61306       | 61308       | 61311       | 61312       | 61315       | 61319       |
| ## | 0.158173806 | 0.149824983 | 0.231565782 | 0.228924395 | 0.231565782 | 0.248730837 |
| ## | 61320       | 61323       | 61331       | 61332       | 61343       | 61349       |
| ## | 0.248730837 | 0.245956323 | 0.239316698 | 0.230478812 | 0.203835277 | 0.189812822 |
| ## | 61356       | 61359       | 61364       | 61369       | 61384       | 61390       |
| ## | 0.236104144 | 0.192447753 | 0.559065054 | 0.156728444 | 0.268431249 | 0.194335450 |
| ## | 61394       | 61396       | 61401       | 61407       | 61411       | 61417       |
| ## | 0.516818954 | 0.176305168 | 0.176305168 | 0.199338501 | 0.560368897 | 0.560368897 |
| ## | 61420       | 61425       | 61428       | 61435       | 61461       | 61465       |
| ## | 0.560368897 | 0.556694058 | 0.580767199 | 0.514008692 | 0.576331270 | 0.555882185 |
| ## | 61469       | 61478       | 61482       | 61484       | 61485       | 61487       |
| ## | 0.198814058 | 0.550525193 | 0.464794738 | 0.461597550 | 0.461597550 | 0.450778483 |

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| ## | 61492       | 61495       | 61496       | 61497       | 61511       | 61512       |
| ## | 0.531912948 | 0.516359359 | 0.519569813 | 0.369029053 | 0.543582560 | 0.543582560 |
| ## | 61516       | 61520       | 61522       | 61526       | 61527       | 61528       |
| ## | 0.176305168 | 0.539882618 | 0.199338501 | 0.556694058 | 0.199338501 | 0.580767199 |
| ## | 61545       | 61547       | 61548       | 61563       | 61572       | 61575       |
| ## | 0.500819137 | 0.086327833 | 0.513408979 | 0.556449795 | 0.576331270 | 0.196450750 |
| ## | 61576       | 61577       | 61581       | 61582       | 61584       | 61586       |
| ## | 0.576331270 | 0.196450750 | 0.196450750 | 0.563986851 | 0.198814058 | 0.108588778 |
| ## | 61595       | 61607       | 61624       | 61627       | 61629       | 61631       |
| ## | 0.461597550 | 0.511138479 | 0.202559660 | 0.594734311 | 0.073740221 | 0.202559660 |
| ## | 61636       | 61637       | 61644       | 61651       | 61659       | 61661       |
| ## | 0.177067781 | 0.179249927 | 0.176477575 | 0.462248065 | 0.591365922 | 0.161120276 |
| ## | 61665       | 61669       | 61674       | 61689       | 61694       | 61698       |
| ## | 0.032365611 | 0.181184605 | 0.126168460 | 0.202751856 | 0.109594223 | 0.108148314 |
| ## | 61703       | 61707       | 61710       | 61712       | 61713       | 61716       |
| ## | 0.396018795 | 0.185507288 | 0.183265976 | 0.185507288 | 0.100562872 | 0.199761838 |
| ## | 61726       | 61727       | 61731       | 61733       | 61735       | 61736       |
| ## | 0.115494638 | 0.207642733 | 0.115494638 | 0.207642733 | 0.115494638 | 0.210105477 |
| ## | 61741       | 61743       | 61745       | 61746       | 61751       | 61761       |
| ## | 0.136536846 | 0.359776504 | 0.181159647 | 0.126168460 | 0.451298020 | 0.201271898 |
| ## | 61764       | 61767       | 61768       | 61774       | 61777       | 61786       |
| ## | 0.114911556 | 0.206703154 | 0.209157695 | 0.551746067 | 0.192956526 | 0.178559251 |
| ## | 61787       | 61790       | 61798       | 61814       | 61824       | 61825       |
| ## | 0.193159977 | 0.072757579 | 0.050431902 | 0.112478740 | 0.198306148 | 0.136801528 |
| ## | 61826       | 61831       | 61833       | 61838       | 61841       | 61849       |
| ## | 0.186862869 | 0.189627731 | 0.189627731 | 0.405510383 | 0.102025353 | 0.452937367 |
| ## | 61853       | 61862       | 61864       | 61868       | 61876       | 61880       |
| ## | 0.134121674 | 0.200314554 | 0.194566989 | 0.145071006 | 0.122718770 | 0.192074186 |
| ## | 61884       | 61887       | 61890       | 61891       | 61894       | 61900       |
| ## | 0.184647811 | 0.200754484 | 0.130990630 | 0.202751856 | 0.202751856 | 0.109594223 |
| ## | 61907       | 61909       | 61911       | 61915       | 61923       | 61930       |
| ## | 0.109594223 | 0.056978916 | 0.109594223 | 0.185507288 | 0.115494638 | 0.207642733 |
| ## | 61933       | 61940       | 61951       | 61956       | 61967       | 61970       |
| ## | 0.115494638 | 0.122199536 | 0.182824027 | 0.396641499 | 0.206703154 | 0.086958391 |
| ## | 61974       | 61978       | 61981       | 61986       | 61989       | 61990       |
| ## | 0.066376314 | 0.068958186 | 0.114199785 | 0.089066653 | 0.123659167 | 0.124458177 |
| ## | 62002       | 62003       | 62013       | 62014       | 62024       | 62031       |
| ## | 0.097676635 | 0.178477099 | 0.163593725 | 0.184920999 | 0.205192151 | 0.210021877 |
| ## | 62032       | 62033       | 62034       | 62051       | 62059       | 62062       |
| ## | 0.182775854 | 0.110711648 | 0.161149388 | 0.191928563 | 0.157706300 | 0.088092645 |
| ## | 62066       | 62068       | 62070       | 62077       | 62082       | 62088       |
| ## | 0.091648025 | 0.168392157 | 0.168392157 | 0.156211943 | 0.158186471 | 0.500683979 |
| ## | 62091       | 62093       | 62097       | 62106       | 62107       | 62111       |
| ## | 0.150365511 | 0.150365511 | 0.150365511 | 0.475358988 | 0.150365511 | 0.081036388 |
| ## | 62114       | 62115       | 62117       | 62124       | 62129       | 62138       |
| ## | 0.150365511 | 0.150365511 | 0.471643555 | 0.113499464 | 0.052679861 | 0.076841364 |
| ## | 62139       | 62140       | 62146       | 62147       | 62151       | 62156       |
| ## | 0.143140544 | 0.143140544 | 0.132689919 | 0.066181781 | 0.166564940 | 0.097582357 |
| ## | 62157       | 62161       | 62162       | 62167       | 62172       | 62175       |
| ## | 0.090539479 | 0.071533564 | 0.438176275 | 0.070035961 | 0.081036388 | 0.150365511 |
| ## | 62180       | 62181       | 62196       | 62203       | 62215       | 62216       |
| ## | 0.150365511 | 0.150365511 | 0.150365511 | 0.475358988 | 0.053173905 | 0.167315675 |
| ## | 62220       | 62223       | 62231       | 62239       | 62250       | 62258       |
| ## | 0.167315675 | 0.084044313 | 0.076841364 | 0.155736656 | 0.091648025 | 0.133115310 |

|    |             |             |             |             |             |             |
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| ## | 62261       | 62263       | 62267       | 62274       | 62275       | 62280       |
| ## | 0.156211943 | 0.156211943 | 0.156211943 | 0.057983658 | 0.165832825 | 0.141867523 |
| ## | 62281       | 62288       | 62293       | 62300       | 62308       | 62311       |
| ## | 0.141867523 | 0.140259166 | 0.142066001 | 0.508406239 | 0.152346529 | 0.144827324 |
| ## | 62312       | 62319       | 62321       | 62326       | 62329       | 62335       |
| ## | 0.464393366 | 0.085927128 | 0.126563525 | 0.058775417 | 0.139492473 | 0.489781529 |
| ## | 62341       | 62344       | 62349       | 62350       | 62353       | 62358       |
| ## | 0.145759285 | 0.124778584 | 0.075177479 | 0.140259166 | 0.142066001 | 0.067606005 |
| ## | 62377       | 62389       | 62390       | 62392       | 62395       | 62397       |
| ## | 0.188290508 | 0.030944321 | 0.095732470 | 0.052569379 | 0.118306554 | 0.118306554 |
| ## | 62401       | 62409       | 62415       | 62419       | 62422       | 62424       |
| ## | 0.145334075 | 0.092190549 | 0.073336284 | 0.147195092 | 0.145334075 | 0.483515521 |
| ## | 62426       | 62434       | 62445       | 62458       | 62459       | 62463       |
| ## | 0.145334075 | 0.102719239 | 0.153355367 | 0.121001941 | 0.045984434 | 0.374378983 |
| ## | 62466       | 62473       | 62483       | 62486       | 62487       | 62490       |
| ## | 0.156488305 | 0.072948694 | 0.650097967 | 0.156238428 | 0.156238428 | 0.283791204 |
| ## | 62491       | 62494       | 62495       | 62497       | 62508       | 62513       |
| ## | 0.257254236 | 0.293204924 | 0.293204924 | 0.113251486 | 0.668508426 | 0.634618246 |
| ## | 62516       | 62524       | 62527       | 62551       | 62573       | 62577       |
| ## | 0.690228009 | 0.625502070 | 0.586472093 | 0.304409803 | 0.628213592 | 0.154740234 |
| ## | 62582       | 62586       | 62589       | 62590       | 62603       | 62611       |
| ## | 0.678580754 | 0.667936031 | 0.283027576 | 0.278536305 | 0.539951571 | 0.262318226 |
| ## | 62615       | 62618       | 62620       | 62631       | 62635       | 62646       |
| ## | 0.194781906 | 0.283332190 | 0.190406578 | 0.512044757 | 0.303802513 | 0.173081299 |
| ## | 62647       | 62649       | 62654       | 62660       | 62661       | 62664       |
| ## | 0.583721158 | 0.204466304 | 0.694239295 | 0.306334597 | 0.306334597 | 0.701208643 |
| ## | 62665       | 62667       | 62669       | 62670       | 62677       | 62688       |
| ## | 0.655187656 | 0.261614463 | 0.690303824 | 0.267670096 | 0.690432474 | 0.210230003 |
| ## | 62692       | 62702       | 62704       | 62708       | 62709       | 62711       |
| ## | 0.678580754 | 0.208868793 | 0.177236984 | 0.200838708 | 0.562676720 | 0.249440468 |
| ## | 62712       | 62718       | 62725       | 62731       | 62734       | 62736       |
| ## | 0.247456524 | 0.262840940 | 0.660742489 | 0.632710578 | 0.267091168 | 0.291243855 |
| ## | 62741       | 62745       | 62753       | 62758       | 62764       | 62766       |
| ## | 0.691889403 | 0.329083055 | 0.167370554 | 0.299984446 | 0.298298286 | 0.152987992 |
| ## | 62767       | 62768       | 62769       | 62771       | 62784       | 62797       |
| ## | 0.575460294 | 0.204816638 | 0.567201186 | 0.472965015 | 0.256143820 | 0.711596579 |
| ## | 62800       | 62813       | 62816       | 62818       | 62819       | 62820       |
| ## | 0.274809128 | 0.294482723 | 0.582905386 | 0.686567598 | 0.704046360 | 0.704046360 |
| ## | 62835       | 62837       | 62839       | 62840       | 62843       | 62856       |
| ## | 0.265166115 | 0.275580979 | 0.275580979 | 0.159346361 | 0.692872264 | 0.674550432 |
| ## | 62861       | 62863       | 62871       | 62880       | 62882       | 62888       |
| ## | 0.675706732 | 0.147195097 | 0.643312846 | 0.149688967 | 0.298298286 | 0.585403651 |
| ## | 62889       | 62891       | 62893       | 62894       | 62899       | 62910       |
| ## | 0.547494989 | 0.629039478 | 0.681601847 | 0.707235315 | 0.586850995 | 0.524044160 |
| ## | 62918       | 62920       | 62924       | 62925       | 62927       | 62931       |
| ## | 0.283791204 | 0.257254236 | 0.293204924 | 0.293204924 | 0.578603261 | 0.255118393 |
| ## | 62947       | 62956       | 62963       | 62967       | 62979       | 62984       |
| ## | 0.649769054 | 0.697216408 | 0.585403651 | 0.665045187 | 0.562676720 | 0.675902246 |
| ## | 62989       | 62992       | 63017       | 63022       | 63023       | 63026       |
| ## | 0.218610537 | 0.176483227 | 0.298636772 | 0.298636772 | 0.652202071 | 0.699108229 |
| ## | 63027       | 63036       | 63039       | 63044       | 63046       | 63051       |
| ## | 0.723903205 | 0.304409803 | 0.638193378 | 0.564990457 | 0.676346381 | 0.292937855 |
| ## | 63052       | 63058       | 63064       | 63066       | 63079       | 63080       |
| ## | 0.296034278 | 0.279971302 | 0.215003468 | 0.204466304 | 0.276605076 | 0.300039816 |

|    |             |             |             |             |             |             |
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| ## | 63082       | 63086       | 63090       | 63095       | 63096       | 63102       |
| ## | 0.641204386 | 0.651722061 | 0.705735708 | 0.690432474 | 0.690432474 | 0.167910586 |
| ## | 63106       | 63109       | 63112       | 63115       | 63121       | 63124       |
| ## | 0.167910586 | 0.167910586 | 0.033341793 | 0.227044955 | 0.227044955 | 0.224440074 |
| ## | 63129       | 63132       | 63139       | 63143       | 63144       | 63149       |
| ## | 0.126023226 | 0.227044955 | 0.195270131 | 0.571896004 | 0.135495704 | 0.614374330 |
| ## | 63151       | 63154       | 63156       | 63158       | 63159       | 63160       |
| ## | 0.224440074 | 0.604920190 | 0.224440074 | 0.224440074 | 0.224440074 | 0.224440074 |
| ## | 63164       | 63165       | 63175       | 63183       | 63186       | 63198       |
| ## | 0.224440074 | 0.126023226 | 0.127449807 | 0.197622729 | 0.137250972 | 0.257862437 |
| ## | 63201       | 63204       | 63205       | 63207       | 63208       | 63209       |
| ## | 0.718941951 | 0.314937021 | 0.701814871 | 0.318161345 | 0.718941951 | 0.318161345 |
| ## | 63216       | 63217       | 63218       | 63221       | 63222       | 63229       |
| ## | 0.318161345 | 0.314937021 | 0.718941951 | 0.318161345 | 0.718941951 | 0.716786236 |
| ## | 63235       | 63236       | 63239       | 63242       | 63252       | 63256       |
| ## | 0.718941951 | 0.708652210 | 0.318161345 | 0.718941951 | 0.421731818 | 0.802293254 |
| ## | 63257       | 63258       | 63259       | 63263       | 63267       | 63268       |
| ## | 0.421731818 | 0.808689320 | 0.425370612 | 0.791734674 | 0.807844020 | 0.807137709 |
| ## | 63269       | 63271       | 63277       | 63282       | 63286       | 63292       |
| ## | 0.805519874 | 0.786259027 | 0.421731818 | 0.266534045 | 0.425370612 | 0.425370612 |
| ## | 63293       | 63300       | 63307       | 63312       | 63314       | 63318       |
| ## | 0.786259027 | 0.802293254 | 0.425370612 | 0.206656026 | 0.421731818 | 0.807844020 |
| ## | 63331       | 63334       | 63342       | 63344       | 63350       | 63355       |
| ## | 0.425370612 | 0.425370612 | 0.425370612 | 0.425370612 | 0.421731818 | 0.802293254 |
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| ## | 0.802293254 | 0.809447095 | 0.800599531 | 0.425370612 | 0.802293254 | 0.596673785 |
| ## | 63387       | 63391       | 63396       | 63398       | 63413       | 63417       |
| ## | 0.807844020 | 0.425370612 | 0.425370612 | 0.425370612 | 0.425370612 | 0.421731818 |
| ## | 63418       | 63420       | 63425       | 63429       | 63434       | 63435       |
| ## | 0.802293254 | 0.807844020 | 0.425370612 | 0.421731818 | 0.794181468 | 0.425370612 |
| ## | 63437       | 63441       | 63444       | 63459       | 63461       | 63464       |
| ## | 0.807844020 | 0.644676217 | 0.187858149 | 0.730017798 | 0.320282655 | 0.320282655 |
| ## | 63466       | 63467       | 63468       | 63472       | 63473       | 63477       |
| ## | 0.317046829 | 0.317046829 | 0.720910137 | 0.317046829 | 0.718763613 | 0.720910137 |
| ## | 63479       | 63483       | 63485       | 63486       | 63489       | 63493       |
| ## | 0.320282655 | 0.720910137 | 0.320282655 | 0.320282655 | 0.710663454 | 0.320282655 |
| ## | 63509       | 63513       | 63515       | 63520       | 63524       | 63539       |
| ## | 0.425370612 | 0.425370612 | 0.421731818 | 0.425370612 | 0.802293254 | 0.794181468 |
| ## | 63543       | 63548       | 63552       | 63565       | 63570       | 63572       |
| ## | 0.425370612 | 0.788752987 | 0.266534045 | 0.421731818 | 0.425370612 | 0.807844020 |
| ## | 63582       | 63587       | 63595       | 63613       | 63614       | 63615       |
| ## | 0.807844020 | 0.425370612 | 0.425370612 | 0.808689320 | 0.805519874 | 0.425370612 |
| ## | 63616       | 63619       | 63627       | 63629       | 63650       | 63654       |
| ## | 0.425370612 | 0.807844020 | 0.421731818 | 0.421731818 | 0.314937021 | 0.718941951 |
| ## | 63655       | 63657       | 63660       | 63664       | 63667       | 63669       |
| ## | 0.718941951 | 0.318161345 | 0.318161345 | 0.718941951 | 0.701814871 | 0.318161345 |
| ## | 63676       | 63678       | 63679       | 63688       | 63692       | 63694       |
| ## | 0.718941951 | 0.318161345 | 0.318161345 | 0.425370612 | 0.808689320 | 0.425370612 |
| ## | 63697       | 63712       | 63713       | 63717       | 63719       | 63721       |
| ## | 0.425370612 | 0.320282655 | 0.720910137 | 0.314937021 | 0.718941951 | 0.718941951 |
| ## | 63725       | 63727       | 63730       | 63733       | 63738       | 63745       |
| ## | 0.718941951 | 0.318161345 | 0.718941951 | 0.716786236 | 0.788752987 | 0.266534045 |
| ## | 63747       | 63748       | 63750       | 63751       | 63758       | 63761       |
| ## | 0.421731818 | 0.800599531 | 0.425370612 | 0.425370612 | 0.320282655 | 0.320282655 |

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| ## | 63766       | 63767       | 63768       | 63774       | 63779       | 63786       |
| ## | 0.320282655 | 0.317046829 | 0.320282655 | 0.134957100 | 0.179287333 | 0.623913320 |
| ## | 63807       | 63809       | 63826       | 63831       | 63832       | 63836       |
| ## | 0.223089406 | 0.223089406 | 0.179287333 | 0.098163888 | 0.560426290 | 0.623913320 |
| ## | 63839       | 63864       | 63865       | 63866       | 63872       | 63883       |
| ## | 0.223089406 | 0.125169238 | 0.223089406 | 0.097111709 | 0.129259255 | 0.198998856 |
| ## | 63889       | 63892       | 63894       | 63896       | 63909       | 63910       |
| ## | 0.179266566 | 0.101268693 | 0.165131433 | 0.184932824 | 0.171465180 | 0.159033480 |
| ## | 63919       | 63927       | 63931       | 63939       | 63945       | 63960       |
| ## | 0.509003205 | 0.517258591 | 0.518109734 | 0.127213524 | 0.163570441 | 0.108236783 |
| ## | 63965       | 63966       | 63968       | 63970       | 63972       | 63974       |
| ## | 0.198234633 | 0.198234633 | 0.195876529 | 0.082517539 | 0.153994481 | 0.166509833 |
| ## | 63980       | 63982       | 63999       | 64011       | 64015       | 64018       |
| ## | 0.148856314 | 0.085750577 | 0.223089406 | 0.106452852 | 0.096917104 | 0.133085824 |
| ## | 64021       | 64023       | 64025       | 64027       | 64029       | 64033       |
| ## | 0.123491117 | 0.115988038 | 0.440383115 | 0.116852362 | 0.129939077 | 0.129939077 |
| ## | 64034       | 64048       | 64051       | 64065       | 64097       | 64101       |
| ## | 0.121380477 | 0.129939077 | 0.283244159 | 0.168378921 | 0.178252806 | 0.138729332 |
| ## | 64106       | 64118       | 64134       | 64137       | 64140       | 64143       |
| ## | 0.303302863 | 0.303302863 | 0.280228262 | 0.247996920 | 0.229297265 | 0.272557350 |
| ## | 64146       | 64148       | 64152       | 64166       | 64171       | 64172       |
| ## | 0.266140237 | 0.242755975 | 0.677568431 | 0.303302863 | 0.138729332 | 0.138729332 |
| ## | 64182       | 64186       | 64189       | 64199       | 64201       | 64206       |
| ## | 0.732285433 | 0.734366894 | 0.331930905 | 0.335244071 | 0.335244071 | 0.223877419 |
| ## | 64208       | 64212       | 64217       | 64226       | 64229       | 64230       |
| ## | 0.221298474 | 0.223877419 | 0.221298474 | 0.223877419 | 0.221298474 | 0.221298474 |
| ## | 64233       | 64237       | 64244       | 64247       | 64250       | 64252       |
| ## | 0.221298474 | 0.223877419 | 0.149463393 | 0.144345705 | 0.145517417 | 0.173785092 |
| ## | 64256       | 64257       | 64271       | 64277       | 64285       | 64291       |
| ## | 0.123772099 | 0.227442462 | 0.237215200 | 0.212498843 | 0.241520899 | 0.162795876 |
| ## | 64292       | 64297       | 64302       | 64311       | 64316       | 64323       |
| ## | 0.144690308 | 0.245701542 | 0.176732140 | 0.335244071 | 0.335244071 | 0.335244071 |
| ## | 64324       | 64335       | 64338       | 64342       | 64347       | 64349       |
| ## | 0.331930905 | 0.331930905 | 0.331930905 | 0.335244071 | 0.734366894 | 0.124038892 |
| ## | 64353       | 64357       | 64358       | 64361       | 64363       | 64364       |
| ## | 0.221298474 | 0.221298474 | 0.221298474 | 0.181298192 | 0.179096552 | 0.181298192 |
| ## | 64368       | 64371       | 64377       | 64379       | 64380       | 64384       |
| ## | 0.135416957 | 0.173673648 | 0.143285395 | 0.168662985 | 0.168662985 | 0.179096552 |
| ## | 64385       | 64386       | 64388       | 64390       | 64393       | 64394       |
| ## | 0.181298192 | 0.179096552 | 0.098049118 | 0.181298192 | 0.181298192 | 0.179096552 |
| ## | 64399       | 64402       | 64405       | 64410       | 64417       | 64421       |
| ## | 0.133681510 | 0.146853095 | 0.296167798 | 0.056958332 | 0.116173643 | 0.080557810 |
| ## | 64431       | 64437       | 64438       | 64439       | 64444       | 64448       |
| ## | 0.108872760 | 0.045482319 | 0.130102801 | 0.090533027 | 0.046764633 | 0.080557810 |
| ## | 64452       | 64453       | 64454       | 64456       | 64457       | 64470       |
| ## | 0.452859411 | 0.083574245 | 0.099355736 | 0.055730650 | 0.045744085 | 0.083985069 |
| ## | 64471       | 64473       | 64488       | 64490       | 64498       | 64503       |
| ## | 0.083985069 | 0.157376541 | 0.074420156 | 0.074420156 | 0.082024415 | 0.159761241 |
| ## | 64504       | 64513       | 64515       | 64521       | 64525       | 64526       |
| ## | 0.073143694 | 0.132663295 | 0.138944724 | 0.047624373 | 0.068291424 | 0.102041957 |
| ## | 64531       | 64532       | 64537       | 64538       | 64541       | 64554       |
| ## | 0.127092320 | 0.067678773 | 0.073794840 | 0.317726261 | 0.512396228 | 0.155545068 |
| ## | 64561       | 64578       | 64582       | 64583       | 64585       | 64599       |
| ## | 0.156291453 | 0.096932509 | 0.100387442 | 0.094258742 | 0.071714736 | 0.086269654 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 64600       | 64601       | 64603       | 64606       | 64608       | 64609       |
| ## | 0.121497802 | 0.090067083 | 0.352531111 | 0.082923638 | 0.153597494 | 0.342115960 |
| ## | 64620       | 64629       | 64632       | 64633       | 64642       | 64645       |
| ## | 0.240766276 | 0.635603155 | 0.135095443 | 0.616109328 | 0.451172337 | 0.446322296 |
| ## | 64648       | 64650       | 64652       | 64654       | 64662       | 64663       |
| ## | 0.513837058 | 0.475835845 | 0.468469253 | 0.131955698 | 0.176660619 | 0.176660619 |
| ## | 64667       | 64668       | 64681       | 64683       | 64684       | 64686       |
| ## | 0.153698706 | 0.344654649 | 0.476971064 | 0.081518989 | 0.153115665 | 0.151193063 |
| ## | 64703       | 64710       | 64720       | 64725       | 64735       | 64743       |
| ## | 0.080797846 | 0.146450353 | 0.172027288 | 0.449092632 | 0.081142043 | 0.144508400 |
| ## | 64747       | 64748       | 64752       | 64769       | 64772       | 64784       |
| ## | 0.144508400 | 0.058822698 | 0.151193063 | 0.166309056 | 0.153105122 | 0.184824280 |
| ## | 64786       | 64801       | 64805       | 64806       | 64810       | 64811       |
| ## | 0.545371618 | 0.150388887 | 0.092126184 | 0.155992817 | 0.138354071 | 0.158684395 |
| ## | 64817       | 64820       | 64824       | 64825       | 64826       | 64845       |
| ## | 0.163871265 | 0.081518989 | 0.542911179 | 0.169070764 | 0.160875036 | 0.153105122 |
| ## | 64853       | 64854       | 64863       | 64864       | 64874       | 64881       |
| ## | 0.136449938 | 0.240766276 | 0.623858614 | 0.135095443 | 0.238662454 | 0.075416694 |
| ## | 64883       | 64890       | 64892       | 64899       | 64902       | 64906       |
| ## | 0.196420915 | 0.196582082 | 0.126499880 | 0.196582082 | 0.564191373 | 0.462163234 |
| ## | 64907       | 64908       | 64914       | 64918       | 64919       | 64923       |
| ## | 0.558319510 | 0.195173638 | 0.555542134 | 0.558255855 | 0.125195994 | 0.078625271 |
| ## | 64925       | 64928       | 64930       | 64933       | 64936       | 64938       |
| ## | 0.106381081 | 0.195173638 | 0.240010063 | 0.038942632 | 0.193411685 | 0.117106728 |
| ## | 64946       | 64951       | 64955       | 64956       | 64959       | 64966       |
| ## | 0.186489554 | 0.557375031 | 0.148239997 | 0.132408997 | 0.108206213 | 0.126177484 |
| ## | 64967       | 64981       | 64985       | 65002       | 65005       | 65010       |
| ## | 0.178739703 | 0.176562433 | 0.540830333 | 0.096526931 | 0.547398096 | 0.100707979 |
| ## | 65016       | 65020       | 65024       | 65030       | 65032       | 65033       |
| ## | 0.417723065 | 0.050856042 | 0.542175997 | 0.094781586 | 0.175797080 | 0.046698134 |
| ## | 65037       | 65038       | 65041       | 65055       | 65058       | 65062       |
| ## | 0.095012173 | 0.095012173 | 0.095012173 | 0.183090193 | 0.100456658 | 0.490479227 |
| ## | 65065       | 65073       | 65077       | 65079       | 65099       | 65100       |
| ## | 0.162533836 | 0.066801413 | 0.531736313 | 0.188761179 | 0.185749653 | 0.147248781 |
| ## | 65109       | 65111       | 65119       | 65125       | 65133       | 65136       |
| ## | 0.045621423 | 0.094543706 | 0.185129178 | 0.094781586 | 0.100456658 | 0.188022858 |
| ## | 65152       | 65154       | 65159       | 65164       | 65166       | 65168       |
| ## | 0.078007458 | 0.178014381 | 0.145528103 | 0.118036233 | 0.106755709 | 0.325260971 |
| ## | 65170       | 65180       | 65184       | 65186       | 65188       | 65193       |
| ## | 0.328540302 | 0.325260971 | 0.328540302 | 0.671133014 | 0.268343454 | 0.722283689 |
| ## | 65203       | 65204       | 65212       | 65215       | 65222       | 65225       |
| ## | 0.295665527 | 0.295665527 | 0.297968581 | 0.690767466 | 0.274977543 | 0.256537188 |
| ## | 65229       | 65230       | 65235       | 65237       | 65241       | 65251       |
| ## | 0.173194007 | 0.299088323 | 0.698289781 | 0.295973386 | 0.227709986 | 0.295596532 |
| ## | 65254       | 65255       | 65256       | 65257       | 65279       | 65281       |
| ## | 0.295596532 | 0.295596532 | 0.295596532 | 0.298709186 | 0.133978480 | 0.279672459 |
| ## | 65288       | 65291       | 65304       | 65305       | 65309       | 65310       |
| ## | 0.312928694 | 0.312928694 | 0.694827328 | 0.295665527 | 0.213657072 | 0.214508404 |
| ## | 65316       | 65319       | 65320       | 65331       | 65333       | 65340       |
| ## | 0.688709174 | 0.260865960 | 0.577505239 | 0.173194007 | 0.299088323 | 0.299088323 |
| ## | 65345       | 65351       | 65356       | 65366       | 65368       | 65369       |
| ## | 0.254023190 | 0.138093265 | 0.298709186 | 0.172935084 | 0.298709186 | 0.298709186 |
| ## | 65371       | 65373       | 65375       | 65384       | 65389       | 65392       |
| ## | 0.635310548 | 0.193674404 | 0.325260971 | 0.325260971 | 0.271279651 | 0.268343454 |



|    |             |             |             |             |             |             |
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| ## | 65396       | 65397       | 65411       | 65412       | 65416       | 65425       |
| ## | 0.312928694 | 0.157712197 | 0.160908689 | 0.160908689 | 0.162931121 | 0.155384679 |
| ## | 65426       | 65429       | 65432       | 65434       | 65436       | 65438       |
| ## | 0.153438749 | 0.147691416 | 0.153609259 | 0.162595943 | 0.075690060 | 0.150340902 |
| ## | 65449       | 65459       | 65465       | 65466       | 65467       | 65469       |
| ## | 0.099140252 | 0.087700383 | 0.093374107 | 0.132464465 | 0.073786901 | 0.102257285 |
| ## | 65475       | 65478       | 65484       | 65495       | 65500       | 65501       |
| ## | 0.136933821 | 0.043070041 | 0.189315137 | 0.200241821 | 0.205936801 | 0.203510331 |
| ## | 65532       | 65533       | 65540       | 65545       | 65553       | 65563       |
| ## | 0.205624742 | 0.584022181 | 0.326266490 | 0.326266490 | 0.329551007 | 0.326266490 |
| ## | 65565       | 65567       | 65575       | 65576       | 65578       | 65581       |
| ## | 0.326266490 | 0.326266490 | 0.729332250 | 0.329551007 | 0.729332250 | 0.329551007 |
| ## | 65587       | 65590       | 65596       | 65599       | 65600       | 65608       |
| ## | 0.329551007 | 0.729332250 | 0.326266490 | 0.326266490 | 0.194390328 | 0.326266490 |
| ## | 65610       | 65621       | 65628       | 65630       | 65631       | 65634       |
| ## | 0.202784536 | 0.202672834 | 0.211963343 | 0.595878825 | 0.224270919 | 0.226874412 |
| ## | 65636       | 65637       | 65638       | 65649       | 65655       | 65656       |
| ## | 0.613619042 | 0.224270919 | 0.614144011 | 0.203201008 | 0.203201008 | 0.203201008 |
| ## | 65663       | 65680       | 65684       | 65687       | 65689       | 65690       |
| ## | 0.203201008 | 0.326266490 | 0.326266490 | 0.329551007 | 0.326266490 | 0.326266490 |
| ## | 65691       | 65694       | 65700       | 65701       | 65706       | 65708       |
| ## | 0.326266490 | 0.326266490 | 0.326266490 | 0.329551007 | 0.329551007 | 0.329551007 |
| ## | 65710       | 65712       | 65713       | 65730       | 65731       | 65741       |
| ## | 0.326266490 | 0.326266490 | 0.194390328 | 0.326266490 | 0.326266490 | 0.326266490 |
| ## | 65742       | 65746       | 65748       | 65762       | 65766       | 65772       |
| ## | 0.326266490 | 0.209362039 | 0.202784536 | 0.569891753 | 0.448199668 | 0.347319773 |
| ## | 65775       | 65784       | 65793       | 65808       | 65814       | 65818       |
| ## | 0.742261085 | 0.339700415 | 0.305187319 | 0.306286262 | 0.181489419 | 0.324108788 |
| ## | 65829       | 65831       | 65836       | 65837       | 65838       | 65840       |
| ## | 0.324108788 | 0.320852554 | 0.314139785 | 0.304794654 | 0.304794654 | 0.306950682 |
| ## | 65841       | 65848       | 65857       | 65859       | 65861       | 65863       |
| ## | 0.353231469 | 0.211421259 | 0.353231469 | 0.747199286 | 0.211421259 | 0.353231469 |
| ## | 65881       | 65886       | 65889       | 65891       | 65892       | 65901       |
| ## | 0.335036006 | 0.727478136 | 0.323632900 | 0.323632900 | 0.335426776 | 0.336148353 |
| ## | 65903       | 65913       | 65917       | 65918       | 65923       | 65938       |
| ## | 0.321582508 | 0.338803019 | 0.315687436 | 0.306011574 | 0.309924188 | 0.474014557 |
| ## | 65942       | 65943       | 65949       | 65951       | 65963       | 65981       |
| ## | 0.474014557 | 0.474014557 | 0.474014557 | 0.477731779 | 0.250058444 | 0.474014557 |
| ## | 65986       | 65989       | 65991       | 66006       | 66007       | 66010       |
| ## | 0.477731779 | 0.474014557 | 0.474014557 | 0.309887229 | 0.474014557 | 0.474014557 |
| ## | 66011       | 66016       | 66017       | 66022       | 66026       | 66028       |
| ## | 0.474014557 | 0.477731779 | 0.474014557 | 0.474014557 | 0.477731779 | 0.477731779 |
| ## | 66032       | 66040       | 66044       | 66049       | 66053       | 66066       |
| ## | 0.309887229 | 0.477731779 | 0.477731779 | 0.474014557 | 0.477731779 | 0.474014557 |
| ## | 66067       | 66069       | 66072       | 66076       | 66079       | 66080       |
| ## | 0.474014557 | 0.826632951 | 0.309887229 | 0.474014557 | 0.477731779 | 0.474014557 |
| ## | 66083       | 66087       | 66088       | 66091       | 66094       | 66098       |
| ## | 0.477731779 | 0.474014557 | 0.477731779 | 0.309887229 | 0.477731779 | 0.477731779 |
| ## | 66101       | 66103       | 66104       | 66105       | 66107       | 66108       |
| ## | 0.309887229 | 0.250058444 | 0.474014557 | 0.309887229 | 0.474014557 | 0.477731779 |
| ## | 66114       | 66131       | 66133       | 66135       | 66140       | 66143       |
| ## | 0.474014557 | 0.474014557 | 0.477731779 | 0.474014557 | 0.477731779 | 0.477731779 |
| ## | 66146       | 66165       | 66174       | 66175       | 66180       | 66193       |
| ## | 0.309887229 | 0.477731779 | 0.477731779 | 0.477731779 | 0.477731779 | 0.826632951 |

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| ## | 66194       | 66195       | 66201       | 66205       | 66212       | 66218       |
| ## | 0.474014557 | 0.477731779 | 0.315750452 | 0.732226118 | 0.187510844 | 0.334622499 |
| ## | 66221       | 66222       | 66225       | 66229       | 66245       | 66248       |
| ## | 0.326698171 | 0.320230905 | 0.346014242 | 0.347518805 | 0.335890302 | 0.254358788 |
| ## | 66261       | 66263       | 66267       | 66268       | 66274       | 66283       |
| ## | 0.340925993 | 0.340925993 | 0.344282674 | 0.726981319 | 0.303126189 | 0.232177244 |
| ## | 66285       | 66286       | 66291       | 66292       | 66293       | 66299       |
| ## | 0.291669516 | 0.288600030 | 0.303126189 | 0.128538131 | 0.177105310 | 0.326817911 |
| ## | 66303       | 66304       | 66309       | 66314       | 66316       | 66320       |
| ## | 0.327129346 | 0.330418289 | 0.311825851 | 0.321287840 | 0.311097535 | 0.239024387 |
| ## | 66321       | 66326       | 66336       | 66344       | 66355       | 66358       |
| ## | 0.733011323 | 0.723894059 | 0.353861367 | 0.313246095 | 0.331026643 | 0.625084499 |
| ## | 66366       | 66367       | 66372       | 66375       | 66379       | 66387       |
| ## | 0.731898658 | 0.340355982 | 0.343709978 | 0.343709978 | 0.321761870 | 0.315417660 |
| ## | 66389       | 66406       | 66412       | 66415       | 66421       | 66427       |
| ## | 0.186711338 | 0.301425326 | 0.340131080 | 0.322218557 | 0.723545857 | 0.326384794 |
| ## | 66450       | 66453       | 66462       | 66463       | 66475       | 66479       |
| ## | 0.316890834 | 0.341300470 | 0.716850329 | 0.326910880 | 0.196379365 | 0.324044983 |
| ## | 66481       | 66488       | 66492       | 66503       | 66504       | 66514       |
| ## | 0.317882082 | 0.728070580 | 0.284084457 | 0.443324725 | 0.227594406 | 0.808192140 |
| ## | 66519       | 66523       | 66524       | 66527       | 66529       | 66530       |
| ## | 0.443324725 | 0.443324725 | 0.443324725 | 0.813940303 | 0.221454097 | 0.443324725 |
| ## | 66532       | 66536       | 66541       | 66542       | 66543       | 66548       |
| ## | 0.447005810 | 0.227594406 | 0.447005810 | 0.443324725 | 0.284084457 | 0.447005810 |
| ## | 66549       | 66550       | 66558       | 66562       | 66563       | 66568       |
| ## | 0.447005810 | 0.443324725 | 0.331701097 | 0.388704048 | 0.237890876 | 0.388704048 |
| ## | 66574       | 66576       | 66579       | 66584       | 66598       | 66610       |
| ## | 0.385168671 | 0.388704048 | 0.388704048 | 0.385168671 | 0.385168671 | 0.388704048 |
| ## | 66615       | 66617       | 66618       | 66619       | 66624       | 66628       |
| ## | 0.774837749 | 0.385168671 | 0.237890876 | 0.385168671 | 0.247568494 | 0.286067324 |
| ## | 66636       | 66640       | 66641       | 66660       | 66669       | 66673       |
| ## | 0.326316767 | 0.329039124 | 0.332337785 | 0.328932818 | 0.292984222 | 0.328932818 |
| ## | 66674       | 66675       | 66676       | 66686       | 66689       | 66692       |
| ## | 0.328932818 | 0.332230940 | 0.711200524 | 0.186945417 | 0.316629918 | 0.743288174 |
| ## | 66698       | 66700       | 66707       | 66714       | 66717       | 66719       |
| ## | 0.363779532 | 0.758505228 | 0.367235848 | 0.367235848 | 0.317385113 | 0.204143172 |
| ## | 66720       | 66726       | 66729       | 66730       | 66731       | 66733       |
| ## | 0.214729870 | 0.217501869 | 0.337419376 | 0.337419376 | 0.734369593 | 0.340964301 |
| ## | 66734       | 66736       | 66743       | 66745       | 66746       | 66749       |
| ## | 0.315538847 | 0.315538847 | 0.325355884 | 0.322093091 | 0.335852646 | 0.300813197 |
| ## | 66771       | 66780       | 66785       | 66792       | 66794       | 66798       |
| ## | 0.198303435 | 0.330680242 | 0.316419867 | 0.310576886 | 0.310576886 | 0.340143924 |
| ## | 66824       | 66828       | 66829       | 66834       | 66835       | 66845       |
| ## | 0.321582508 | 0.322218557 | 0.322218557 | 0.477731779 | 0.477731779 | 0.477731779 |
| ## | 66856       | 66858       | 66864       | 66890       | 66891       | 66894       |
| ## | 0.474014557 | 0.309887229 | 0.474014557 | 0.703932439 | 0.310048933 | 0.314924536 |
| ## | 66904       | 66915       | 66928       | 66938       | 66942       | 66944       |
| ## | 0.235518351 | 0.385168671 | 0.385168671 | 0.385168671 | 0.388704048 | 0.385168671 |
| ## | 66950       | 66956       | 66962       | 66968       | 66969       | 66971       |
| ## | 0.388704048 | 0.388704048 | 0.385168671 | 0.388704048 | 0.388704048 | 0.388704048 |
| ## | 66973       | 66993       | 66997       | 67000       | 67003       | 67007       |
| ## | 0.388704048 | 0.720619422 | 0.348036673 | 0.367235848 | 0.363779532 | 0.363779532 |
| ## | 67008       | 67017       | 67030       | 67035       | 67037       | 67039       |
| ## | 0.363779532 | 0.363779532 | 0.231181069 | 0.153898152 | 0.337623315 | 0.337623315 |

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| ## | 67044       | 67045       | 67049       | 67050       | 67057       | 67062       |
| ## | 0.315538847 | 0.223226010 | 0.385168671 | 0.197287490 | 0.325355884 | 0.174373462 |
| ## | 67065       | 67069       | 67075       | 67076       | 67081       | 67086       |
| ## | 0.333019765 | 0.191094737 | 0.229062320 | 0.229062320 | 0.316419867 | 0.329122083 |
| ## | 67093       | 67105       | 67109       | 67112       | 67114       | 67126       |
| ## | 0.313777016 | 0.140434162 | 0.318915866 | 0.309924188 | 0.309924188 | 0.474014557 |
| ## | 67133       | 67134       | 67135       | 67136       | 67152       | 67155       |
| ## | 0.474014557 | 0.477731779 | 0.477731779 | 0.477731779 | 0.477731779 | 0.477731779 |
| ## | 67157       | 67166       | 67167       | 67171       | 67174       | 67176       |
| ## | 0.474014557 | 0.474014557 | 0.477731779 | 0.474014557 | 0.243887634 | 0.731898658 |
| ## | 67189       | 67190       | 67191       | 67193       | 67196       | 67200       |
| ## | 0.340355982 | 0.325022916 | 0.325022916 | 0.325022916 | 0.479865641 | 0.315417660 |
| ## | 67201       | 67208       | 67210       | 67211       | 67212       | 67213       |
| ## | 0.315417660 | 0.315417660 | 0.474014557 | 0.309887229 | 0.826632951 | 0.309887229 |
| ## | 67214       | 67220       | 67226       | 67227       | 67236       | 67237       |
| ## | 0.477731779 | 0.477731779 | 0.474014557 | 0.477731779 | 0.309887229 | 0.477731779 |
| ## | 67241       | 67251       | 67256       | 67270       | 67271       | 67272       |
| ## | 0.477731779 | 0.309887229 | 0.474014557 | 0.477731779 | 0.821868403 | 0.474014557 |
| ## | 67280       | 67290       | 67293       | 67296       | 67303       | 67309       |
| ## | 0.477731779 | 0.315417660 | 0.315417660 | 0.311007410 | 0.188076675 | 0.736117383 |
| ## | 67311       | 67313       | 67317       | 67320       | 67323       | 67334       |
| ## | 0.323116625 | 0.329053748 | 0.477731779 | 0.474014557 | 0.477731779 | 0.309887229 |
| ## | 67340       | 67341       | 67347       | 67354       | 67360       | 67361       |
| ## | 0.831943390 | 0.474014557 | 0.477731779 | 0.474014557 | 0.477731779 | 0.477731779 |
| ## | 67369       | 67370       | 67372       | 67375       | 67379       | 67380       |
| ## | 0.309887229 | 0.335670356 | 0.318979226 | 0.319786929 | 0.154920282 | 0.197996083 |
| ## | 67382       | 67386       | 67387       | 67388       | 67392       | 67399       |
| ## | 0.731303061 | 0.331312414 | 0.334622499 | 0.323428371 | 0.324044983 | 0.339342384 |
| ## | 67401       | 67409       | 67411       | 67413       | 67424       | 67425       |
| ## | 0.336009188 | 0.336009188 | 0.443324725 | 0.443324725 | 0.443324725 | 0.474014557 |
| ## | 67434       | 67438       | 67444       | 67447       | 67455       | 67456       |
| ## | 0.477731779 | 0.477731779 | 0.474014557 | 0.474014557 | 0.474014557 | 0.474014557 |
| ## | 67457       | 67472       | 67474       | 67483       | 67485       | 67491       |
| ## | 0.309887229 | 0.321122424 | 0.347518805 | 0.335890302 | 0.201286381 | 0.201286381 |
| ## | 67498       | 67501       | 67509       | 67514       | 67518       | 67519       |
| ## | 0.443324725 | 0.443324725 | 0.443324725 | 0.443324725 | 0.443324725 | 0.443324725 |
| ## | 67525       | 67528       | 67537       | 67540       | 67544       | 67548       |
| ## | 0.443324725 | 0.443324725 | 0.343949013 | 0.335890302 | 0.142045278 | 0.196292928 |
| ## | 67554       | 67568       | 67579       | 67591       | 67597       | 67600       |
| ## | 0.136394117 | 0.474014557 | 0.474014557 | 0.309887229 | 0.474014557 | 0.477731779 |
| ## | 67601       | 67607       | 67609       | 67613       | 67626       | 67630       |
| ## | 0.477731779 | 0.727391134 | 0.330418289 | 0.320801627 | 0.722247875 | 0.325941584 |
| ## | 67632       | 67635       | 67639       | 67642       | 67654       | 67668       |
| ## | 0.311049028 | 0.341631902 | 0.329636123 | 0.447005810 | 0.447005810 | 0.388704048 |
| ## | 67670       | 67674       | 67676       | 67679       | 67683       | 67685       |
| ## | 0.772226948 | 0.385168671 | 0.334159771 | 0.320758692 | 0.703714293 | 0.306286262 |
| ## | 67687       | 67690       | 67691       | 67697       | 67700       | 67704       |
| ## | 0.306286262 | 0.306286262 | 0.309462027 | 0.349834088 | 0.329053748 | 0.340143924 |
| ## | 67709       | 67722       | 67727       | 67735       | 67737       | 67740       |
| ## | 0.340143924 | 0.105852987 | 0.078784653 | 0.194315034 | 0.194315034 | 0.560643279 |
| ## | 67742       | 67745       | 67753       | 67764       | 67767       | 67771       |
| ## | 0.174316376 | 0.203229984 | 0.117127234 | 0.123653017 | 0.078222900 | 0.086463726 |
| ## | 67772       | 67781       | 67788       | 67792       | 67806       | 67808       |
| ## | 0.140840107 | 0.560643279 | 0.196658938 | 0.194315034 | 0.201790858 | 0.210268252 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 67823       | 67825       | 67826       | 67827       | 67838       | 67844       |
| ## | 0.190153242 | 0.190153242 | 0.577635636 | 0.573995405 | 0.577120550 | 0.171530501 |
| ## | 67847       | 67862       | 67871       | 67876       | 67878       | 67883       |
| ## | 0.566042196 | 0.526245234 | 0.524599108 | 0.571895936 | 0.169455890 | 0.461301263 |
| ## | 67889       | 67897       | 67913       | 67914       | 67935       | 67938       |
| ## | 0.443884702 | 0.190153242 | 0.173658807 | 0.545256852 | 0.167272055 | 0.524599108 |
| ## | 67944       | 67958       | 67959       | 67962       | 67968       | 67975       |
| ## | 0.525929565 | 0.443884702 | 0.443884702 | 0.443884702 | 0.500851181 | 0.143272019 |
| ## | 67990       | 67995       | 68000       | 68003       | 68007       | 68026       |
| ## | 0.046051706 | 0.426344185 | 0.119173355 | 0.347343991 | 0.083327745 | 0.158838272 |
| ## | 68030       | 68034       | 68036       | 68038       | 68043       | 68044       |
| ## | 0.174304669 | 0.107179783 | 0.164201727 | 0.083763915 | 0.160855830 | 0.160855830 |
| ## | 68055       | 68057       | 68062       | 68064       | 68069       | 68070       |
| ## | 0.072037413 | 0.553280383 | 0.571152366 | 0.087257413 | 0.161751347 | 0.493234171 |
| ## | 68082       | 68095       | 68098       | 68102       | 68111       | 68113       |
| ## | 0.084808306 | 0.078545870 | 0.160019327 | 0.171243016 | 0.044185124 | 0.156792916 |
| ## | 68115       | 68119       | 68122       | 68123       | 68128       | 68130       |
| ## | 0.156871323 | 0.531037521 | 0.102686858 | 0.151775264 | 0.136927037 | 0.178588399 |
| ## | 68131       | 68133       | 68134       | 68145       | 68149       | 68151       |
| ## | 0.178588399 | 0.176412576 | 0.082523592 | 0.191925078 | 0.189624278 | 0.116274997 |
| ## | 68154       | 68155       | 68156       | 68160       | 68172       | 68175       |
| ## | 0.101857903 | 0.038800549 | 0.154194546 | 0.087266872 | 0.174304669 | 0.157116124 |
| ## | 68178       | 68180       | 68192       | 68202       | 68203       | 68205       |
| ## | 0.094408395 | 0.175166628 | 0.156813761 | 0.127283546 | 0.158026215 | 0.160019327 |
| ## | 68208       | 68213       | 68214       | 68215       | 68224       | 68225       |
| ## | 0.173368502 | 0.172379938 | 0.530451496 | 0.520545521 | 0.084796070 | 0.143399383 |
| ## | 68227       | 68232       | 68244       | 68245       | 68251       | 68252       |
| ## | 0.156871323 | 0.096364656 | 0.154576811 | 0.531815249 | 0.145534025 | 0.078227454 |
| ## | 68259       | 68260       | 68261       | 68263       | 68267       | 68273       |
| ## | 0.145534025 | 0.078227454 | 0.145534025 | 0.078227454 | 0.145534025 | 0.119734265 |
| ## | 68276       | 68279       | 68281       | 68292       | 68318       | 68320       |
| ## | 0.119734265 | 0.119734265 | 0.119734265 | 0.106456025 | 0.192767253 | 0.192767253 |
| ## | 68322       | 68334       | 68337       | 68343       | 68347       | 68348       |
| ## | 0.074312752 | 0.323427729 | 0.099894105 | 0.192320129 | 0.105010888 | 0.586730106 |
| ## | 68350       | 68351       | 68352       | 68353       | 68354       | 68357       |
| ## | 0.125605546 | 0.125605546 | 0.125605546 | 0.103219048 | 0.132264172 | 0.157651197 |
| ## | 68359       | 68362       | 68371       | 68372       | 68382       | 68392       |
| ## | 0.516229348 | 0.192320129 | 0.264683462 | 0.150168363 | 0.150168363 | 0.264683462 |
| ## | 68394       | 68401       | 68402       | 68405       | 68414       | 68416       |
| ## | 0.150168363 | 0.150168363 | 0.663668919 | 0.150168363 | 0.264683462 | 0.516272927 |
| ## | 68417       | 68420       | 68423       | 68431       | 68435       | 68438       |
| ## | 0.183144596 | 0.074726761 | 0.168600377 | 0.157644882 | 0.137627140 | 0.130055486 |
| ## | 68441       | 68444       | 68448       | 68449       | 68450       | 68455       |
| ## | 0.429895208 | 0.096680409 | 0.175995448 | 0.175995448 | 0.096108048 | 0.098875495 |
| ## | 68458       | 68460       | 68461       | 68466       | 68470       | 68473       |
| ## | 0.098875495 | 0.166192227 | 0.141956220 | 0.177469599 | 0.106532485 | 0.180469335 |
| ## | 68476       | 68480       | 68489       | 68490       | 68491       | 68494       |
| ## | 0.180469335 | 0.180469335 | 0.261793010 | 0.261793010 | 0.261793010 | 0.261793010 |
| ## | 68514       | 68521       | 68523       | 68529       | 68530       | 68536       |
| ## | 0.261793010 | 0.261793010 | 0.530829982 | 0.179169300 | 0.098092879 | 0.161584430 |
| ## | 68538       | 68547       | 68550       | 68553       | 68558       | 68567       |
| ## | 0.554163466 | 0.171858389 | 0.171858389 | 0.159015185 | 0.521444625 | 0.084428298 |
| ## | 68576       | 68579       | 68581       | 68584       | 68586       | 68588       |
| ## | 0.138860901 | 0.074064208 | 0.074064208 | 0.134212215 | 0.407896075 | 0.182292576 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 68589       | 68592       | 68596       | 68600       | 68601       | 68607       |
| ## | 0.182292576 | 0.541179912 | 0.121560466 | 0.431365661 | 0.431365661 | 0.083499499 |
| ## | 68613       | 68614       | 68616       | 68619       | 68625       | 68627       |
| ## | 0.171858389 | 0.171858389 | 0.171858389 | 0.067801549 | 0.086102107 | 0.159015185 |
| ## | 68631       | 68639       | 68640       | 68641       | 68645       | 68649       |
| ## | 0.159015185 | 0.084428298 | 0.156166166 | 0.084428298 | 0.431365661 | 0.082588012 |
| ## | 68653       | 68658       | 68659       | 68667       | 68670       | 68674       |
| ## | 0.080445180 | 0.087518000 | 0.067807076 | 0.418717997 | 0.077130844 | 0.128980480 |
| ## | 68678       | 68684       | 68688       | 68690       | 68692       | 68699       |
| ## | 0.128980480 | 0.084461237 | 0.073878341 | 0.130990150 | 0.132696009 | 0.130990150 |
| ## | 68714       | 68715       | 68720       | 68733       | 68746       | 68749       |
| ## | 0.130990150 | 0.130990150 | 0.052825094 | 0.130990150 | 0.061010706 | 0.109885078 |
| ## | 68750       | 68765       | 68769       | 68772       | 68781       | 68789       |
| ## | 0.138277526 | 0.057748470 | 0.150359725 | 0.092011626 | 0.159466883 | 0.128135003 |
| ## | 68792       | 68794       | 68804       | 68806       | 68812       | 68815       |
| ## | 0.137204737 | 0.077677397 | 0.141423284 | 0.125760116 | 0.130840390 | 0.027963514 |
| ## | 68817       | 68825       | 68826       | 68827       | 68829       | 68835       |
| ## | 0.309469154 | 0.237108672 | 0.207541836 | 0.185624293 | 0.135942354 | 0.597894050 |
| ## | 68836       | 68842       | 68848       | 68855       | 68860       | 68863       |
| ## | 0.213022634 | 0.626573988 | 0.552243317 | 0.123082993 | 0.222037203 | 0.222037203 |
| ## | 68874       | 68878       | 68886       | 68888       | 68890       | 68891       |
| ## | 0.221109972 | 0.569642793 | 0.511766828 | 0.161957601 | 0.514425920 | 0.514425920 |
| ## | 68896       | 68898       | 68906       | 68913       | 68919       | 68922       |
| ## | 0.218553929 | 0.205907679 | 0.537840924 | 0.230219827 | 0.579733903 | 0.221278107 |
| ## | 68923       | 68928       | 68939       | 68942       | 68943       | 68944       |
| ## | 0.190712845 | 0.215220928 | 0.225875141 | 0.042552253 | 0.217241147 | 0.217241147 |
| ## | 68950       | 68954       | 68961       | 68965       | 68973       | 68974       |
| ## | 0.574687810 | 0.199450304 | 0.269871997 | 0.266945455 | 0.266945455 | 0.669556910 |
| ## | 68976       | 68984       | 69003       | 69008       | 69009       | 69015       |
| ## | 0.269871997 | 0.269871997 | 0.269871997 | 0.153580944 | 0.269871997 | 0.266945455 |
| ## | 69021       | 69029       | 69032       | 69033       | 69036       | 69045       |
| ## | 0.153580944 | 0.266945455 | 0.269871997 | 0.266945455 | 0.266945455 | 0.269871997 |
| ## | 69048       | 69053       | 69057       | 69059       | 69063       | 69069       |
| ## | 0.269871997 | 0.231521042 | 0.266945455 | 0.269871997 | 0.266945455 | 0.269871997 |
| ## | 69076       | 69080       | 69092       | 69097       | 69102       | 69104       |
| ## | 0.231521042 | 0.426814239 | 0.191778202 | 0.229137291 | 0.409109519 | 0.409109519 |
| ## | 69105       | 69106       | 69107       | 69113       | 69117       | 69118       |
| ## | 0.219786154 | 0.225527620 | 0.225527620 | 0.211286841 | 0.627081346 | 0.193588595 |
| ## | 69121       | 69122       | 69136       | 69141       | 69150       | 69151       |
| ## | 0.186379380 | 0.222402833 | 0.266945455 | 0.153580944 | 0.269871997 | 0.269871997 |
| ## | 69153       | 69156       | 69162       | 69168       | 69179       | 69180       |
| ## | 0.269871997 | 0.266945455 | 0.269871997 | 0.669556910 | 0.153580944 | 0.266945455 |
| ## | 69188       | 69193       | 69194       | 69198       | 69203       | 69204       |
| ## | 0.153580944 | 0.266945455 | 0.266945455 | 0.626355915 | 0.426814239 | 0.426814239 |
| ## | 69207       | 69216       | 69217       | 69221       | 69226       | 69240       |
| ## | 0.495752263 | 0.539113126 | 0.565363000 | 0.138310381 | 0.234423347 | 0.191272573 |
| ## | 69255       | 69260       | 69264       | 69267       | 69269       | 69277       |
| ## | 0.231686888 | 0.460336825 | 0.522698738 | 0.148862100 | 0.146983639 | 0.617964632 |
| ## | 69281       | 69287       | 69302       | 69305       | 69310       | 69311       |
| ## | 0.221242454 | 0.188423189 | 0.175207175 | 0.095714601 | 0.198131566 | 0.558500826 |
| ## | 69312       | 69314       | 69315       | 69316       | 69317       | 69318       |
| ## | 0.198131566 | 0.198131566 | 0.558500826 | 0.578920673 | 0.572138633 | 0.575783004 |
| ## | 69321       | 69322       | 69323       | 69330       | 69334       | 69335       |
| ## | 0.578920673 | 0.575283373 | 0.200510049 | 0.575783004 | 0.578920673 | 0.576323886 |

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| ## | 69339       | 69352       | 69361       | 69365       | 69366       | 69368       |
| ## | 0.446065544 | 0.182847851 | 0.511515310 | 0.180204795 | 0.554578308 | 0.547710509 |
| ## | 69375       | 69382       | 69384       | 69392       | 69396       | 69398       |
| ## | 0.182847851 | 0.554010222 | 0.571333264 | 0.536147152 | 0.181496650 | 0.098167375 |
| ## | 69402       | 69408       | 69417       | 69421       | 69431       | 69433       |
| ## | 0.071650883 | 0.459714438 | 0.496868942 | 0.350932031 | 0.159564101 | 0.535685742 |
| ## | 69434       | 69435       | 69436       | 69437       | 69445       | 69455       |
| ## | 0.541701497 | 0.177371334 | 0.541701497 | 0.535352666 | 0.575783004 | 0.198131566 |
| ## | 69462       | 69492       | 69494       | 69501       | 69506       | 69508       |
| ## | 0.453246115 | 0.527958121 | 0.135862604 | 0.168525815 | 0.496868942 | 0.359063209 |
| ## | 69517       | 69521       | 69525       | 69527       | 69537       | 69540       |
| ## | 0.183531699 | 0.201338126 | 0.071355983 | 0.181308942 | 0.178137561 | 0.124421958 |
| ## | 69541       | 69542       | 69567       | 69569       | 69570       | 69575       |
| ## | 0.095037183 | 0.090412799 | 0.123921628 | 0.201490395 | 0.199103179 | 0.199103179 |
| ## | 69578       | 69595       | 69596       | 69599       | 69607       | 69614       |
| ## | 0.393012877 | 0.145547619 | 0.479160253 | 0.574089621 | 0.187046138 | 0.100710013 |
| ## | 69630       | 69631       | 69643       | 69646       | 69653       | 69654       |
| ## | 0.072639016 | 0.194728782 | 0.196368394 | 0.108668854 | 0.108668854 | 0.206398480 |
| ## | 69659       | 69662       | 69671       | 69677       | 69678       | 69682       |
| ## | 0.102044163 | 0.098285230 | 0.192789509 | 0.130999430 | 0.184676189 | 0.106163897 |
| ## | 69699       | 69705       | 69706       | 69710       | 69715       | 69727       |
| ## | 0.400533837 | 0.194099659 | 0.191778977 | 0.383873937 | 0.191981482 | 0.460910726 |
| ## | 69732       | 69734       | 69738       | 69745       | 69754       | 69759       |
| ## | 0.516595399 | 0.181577878 | 0.103653968 | 0.557663238 | 0.190755804 | 0.185713950 |
| ## | 69764       | 69765       | 69766       | 69768       | 69769       | 69771       |
| ## | 0.190755804 | 0.190755804 | 0.188465752 | 0.089870132 | 0.089870132 | 0.095037183 |
| ## | 69778       | 69780       | 69797       | 69799       | 69803       | 69806       |
| ## | 0.117558615 | 0.111028091 | 0.405221739 | 0.102851970 | 0.105196039 | 0.183509438 |
| ## | 69814       | 69815       | 69816       | 69817       | 69818       | 69820       |
| ## | 0.130130263 | 0.203938355 | 0.201529456 | 0.203938355 | 0.201529456 | 0.201529456 |
| ## | 69821       | 69829       | 69835       | 69847       | 69863       | 69864       |
| ## | 0.201529456 | 0.069355369 | 0.563858536 | 0.196581329 | 0.149144284 | 0.089870132 |
| ## | 69875       | 69877       | 69883       | 69884       | 69885       | 69886       |
| ## | 0.106348299 | 0.192802683 | 0.207906746 | 0.207906746 | 0.205463071 | 0.205463071 |
| ## | 69892       | 69896       | 69900       | 69912       | 69913       | 69920       |
| ## | 0.203581249 | 0.091211112 | 0.101333050 | 0.194099659 | 0.173653547 | 0.122840147 |
| ## | 69924       | 69929       | 69930       | 69932       | 69938       | 69944       |
| ## | 0.191981482 | 0.097010652 | 0.177368493 | 0.101330843 | 0.193663652 | 0.072108579 |
| ## | 69948       | 69960       | 69971       | 69975       | 69981       | 69982       |
| ## | 0.103653968 | 0.561336374 | 0.169420313 | 0.507111611 | 0.132649604 | 0.484711309 |
| ## | 69987       | 69991       | 70011       | 70013       | 70015       | 70017       |
| ## | 0.056925755 | 0.166848489 | 0.151303627 | 0.436414486 | 0.499560646 | 0.499560646 |
| ## | 70018       | 70021       | 70025       | 70026       | 70028       | 70034       |
| ## | 0.499560646 | 0.165212184 | 0.149541252 | 0.149541252 | 0.032951049 | 0.121577013 |
| ## | 70038       | 70039       | 70040       | 70055       | 70056       | 70057       |
| ## | 0.154518545 | 0.479660589 | 0.156475638 | 0.047221703 | 0.089917311 | 0.071031799 |
| ## | 70062       | 70072       | 70074       | 70079       | 70086       | 70091       |
| ## | 0.156702101 | 0.125451799 | 0.085470950 | 0.152825094 | 0.166848489 | 0.149399765 |
| ## | 70095       | 70098       | 70103       | 70111       | 70116       | 70144       |
| ## | 0.080473744 | 0.306244015 | 0.080473744 | 0.151303627 | 0.154760950 | 0.075574380 |
| ## | 70145       | 70149       | 70158       | 70162       | 70169       | 70171       |
| ## | 0.075574380 | 0.152776034 | 0.151370326 | 0.077275646 | 0.115925064 | 0.140373960 |
| ## | 70178       | 70183       | 70185       | 70188       | 70192       | 70197       |
| ## | 0.144818080 | 0.144818080 | 0.144818080 | 0.087059207 | 0.137993001 | 0.136229743 |

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| ## | 70198       | 70201       | 70205       | 70209       | 70216       | 70218       |
| ## | 0.070893194 | 0.285650792 | 0.091338505 | 0.030855927 | 0.187134831 | 0.187134831 |
| ## | 70219       | 70220       | 70224       | 70226       | 70245       | 70246       |
| ## | 0.185268502 | 0.185268502 | 0.431163948 | 0.409734496 | 0.059243383 | 0.397153985 |
| ## | 70250       | 70260       | 70263       | 70269       | 70272       | 70278       |
| ## | 0.091167433 | 0.175400656 | 0.138728378 | 0.473527657 | 0.078090058 | 0.021207082 |
| ## | 70281       | 70284       | 70297       | 70299       | 70302       | 70305       |
| ## | 0.113194106 | 0.140870343 | 0.130191486 | 0.133627525 | 0.067334917 | 0.140870343 |
| ## | 70309       | 70315       | 70317       | 70321       | 70340       | 70357       |
| ## | 0.150223620 | 0.637298922 | 0.255808675 | 0.693868005 | 0.202822010 | 0.640297588 |
| ## | 70361       | 70367       | 70368       | 70371       | 70375       | 70376       |
| ## | 0.570629284 | 0.177103200 | 0.304791585 | 0.247349144 | 0.628825282 | 0.659060274 |
| ## | 70388       | 70393       | 70404       | 70410       | 70413       | 70417       |
| ## | 0.697511457 | 0.639882854 | 0.206896425 | 0.290405503 | 0.277015757 | 0.658424301 |
| ## | 70426       | 70429       | 70433       | 70440       | 70449       | 70451       |
| ## | 0.287814161 | 0.193595889 | 0.686060776 | 0.302288731 | 0.179929649 | 0.179726658 |
| ## | 70455       | 70457       | 70458       | 70460       | 70462       | 70463       |
| ## | 0.281787238 | 0.293184981 | 0.621678766 | 0.213727005 | 0.560810769 | 0.642244413 |
| ## | 70471       | 70474       | 70484       | 70489       | 70491       | 70497       |
| ## | 0.273400790 | 0.299068283 | 0.685971999 | 0.172758446 | 0.300173120 | 0.712783915 |
| ## | 70500       | 70501       | 70506       | 70516       | 70522       | 70523       |
| ## | 0.710846394 | 0.312362584 | 0.272872863 | 0.264189771 | 0.679571415 | 0.679571415 |
| ## | 70540       | 70543       | 70547       | 70549       | 70550       | 70554       |
| ## | 0.266186982 | 0.205591705 | 0.650484628 | 0.576237335 | 0.261375033 | 0.659041414 |
| ## | 70555       | 70557       | 70562       | 70575       | 70578       | 70586       |
| ## | 0.676032232 | 0.209094535 | 0.627269113 | 0.327411794 | 0.327411794 | 0.192876080 |
| ## | 70595       | 70613       | 70614       | 70615       | 70618       | 70619       |
| ## | 0.710742550 | 0.252020584 | 0.629558877 | 0.629558877 | 0.671844884 | 0.676702761 |
| ## | 70622       | 70627       | 70629       | 70632       | 70639       | 70644       |
| ## | 0.697796717 | 0.668541198 | 0.700399176 | 0.650716745 | 0.248024152 | 0.473153905 |
| ## | 70646       | 70649       | 70653       | 70654       | 70658       | 70675       |
| ## | 0.300804611 | 0.647426868 | 0.257990896 | 0.211721438 | 0.211877622 | 0.672884316 |
| ## | 70684       | 70695       | 70697       | 70698       | 70700       | 70701       |
| ## | 0.324138290 | 0.262968431 | 0.298395238 | 0.700727063 | 0.654322523 | 0.269925809 |
| ## | 70704       | 70706       | 70708       | 70714       | 70726       | 70729       |
| ## | 0.148726805 | 0.173703347 | 0.296714224 | 0.641029876 | 0.697796717 | 0.705663514 |
| ## | 70740       | 70754       | 70756       | 70762       | 70765       | 70778       |
| ## | 0.248822984 | 0.264189771 | 0.654384067 | 0.684541091 | 0.710038593 | 0.260854202 |
| ## | 70781       | 70792       | 70802       | 70804       | 70806       | 70809       |
| ## | 0.665023221 | 0.251883568 | 0.511121512 | 0.628825282 | 0.146969611 | 0.670286584 |
| ## | 70828       | 70833       | 70837       | 70843       | 70844       | 70849       |
| ## | 0.305962895 | 0.685086646 | 0.643668456 | 0.669846958 | 0.290405503 | 0.659007966 |
| ## | 70854       | 70860       | 70861       | 70864       | 70869       | 70871       |
| ## | 0.245332631 | 0.257294694 | 0.595742159 | 0.687421546 | 0.312362584 | 0.696163010 |
| ## | 70876       | 70877       | 70888       | 70893       | 70899       | 70902       |
| ## | 0.529034552 | 0.290890204 | 0.304866730 | 0.703697638 | 0.677245421 | 0.167613666 |
| ## | 70903       | 70916       | 70919       | 70925       | 70934       | 70936       |
| ## | 0.287814161 | 0.686060776 | 0.685971999 | 0.606177412 | 0.697425288 | 0.311144148 |
| ## | 70938       | 70947       | 70951       | 70953       | 70957       | 70960       |
| ## | 0.698110739 | 0.692163505 | 0.169380168 | 0.290405503 | 0.208536368 | 0.560810769 |
| ## | 70970       | 70978       | 70985       | 70992       | 70997       | 71001       |
| ## | 0.164792740 | 0.164792740 | 0.676226358 | 0.278015483 | 0.278015483 | 0.281016863 |
| ## | 71002       | 71018       | 71019       | 71022       | 71032       | 71037       |
| ## | 0.281016863 | 0.278015483 | 0.278015483 | 0.281016863 | 0.196423634 | 0.278015483 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 71038       | 71040       | 71047       | 71059       | 71066       | 71068       |
| ## | 0.278015483 | 0.160982223 | 0.670767494 | 0.194081858 | 0.460756703 | 0.273423023 |
| ## | 71076       | 71077       | 71079       | 71083       | 71084       | 71086       |
| ## | 0.313304053 | 0.717407888 | 0.316519383 | 0.717407888 | 0.658756496 | 0.280930915 |
| ## | 71098       | 71099       | 71102       | 71109       | 71114       | 71115       |
| ## | 0.707084866 | 0.316519383 | 0.717407888 | 0.316519383 | 0.726586493 | 0.700226304 |
| ## | 71121       | 71130       | 71131       | 71132       | 71133       | 71137       |
| ## | 0.423519035 | 0.419884506 | 0.419884506 | 0.799386800 | 0.645274364 | 0.787487332 |
| ## | 71147       | 71149       | 71150       | 71160       | 71169       | 71170       |
| ## | 0.806664710 | 0.787487332 | 0.787487332 | 0.806664710 | 0.423519035 | 0.787487332 |
| ## | 71172       | 71178       | 71183       | 71193       | 71195       | 71201       |
| ## | 0.423519035 | 0.787487332 | 0.784982503 | 0.423519035 | 0.419884506 | 0.423519035 |
| ## | 71203       | 71208       | 71221       | 71238       | 71244       | 71249       |
| ## | 0.419884506 | 0.265054947 | 0.806664710 | 0.423519035 | 0.787487332 | 0.423519035 |
| ## | 71250       | 71251       | 71256       | 71257       | 71259       | 71265       |
| ## | 0.423519035 | 0.423519035 | 0.787487332 | 0.787487332 | 0.423519035 | 0.419884506 |
| ## | 71266       | 71283       | 71290       | 71305       | 71311       | 71314       |
| ## | 0.787487332 | 0.808582858 | 0.806664710 | 0.799386800 | 0.419884506 | 0.787487332 |
| ## | 71316       | 71318       | 71336       | 71341       | 71342       | 71343       |
| ## | 0.211232425 | 0.787487332 | 0.318634861 | 0.318634861 | 0.728913963 | 0.726467539 |
| ## | 71344       | 71345       | 71352       | 71354       | 71358       | 71359       |
| ## | 0.318634861 | 0.315407958 | 0.717228959 | 0.726467539 | 0.318634861 | 0.318634861 |
| ## | 71364       | 71367       | 71372       | 71373       | 71375       | 71383       |
| ## | 0.318634861 | 0.318634861 | 0.726467539 | 0.318634861 | 0.318634861 | 0.315407958 |
| ## | 71387       | 71394       | 71399       | 71403       | 71410       | 71415       |
| ## | 0.127463471 | 0.164389957 | 0.185552983 | 0.698883504 | 0.660819118 | 0.215126888 |
| ## | 71416       | 71427       | 71431       | 71449       | 71453       | 71455       |
| ## | 0.215126888 | 0.138450650 | 0.419884506 | 0.806664710 | 0.265054947 | 0.787487332 |
| ## | 71459       | 71468       | 71472       | 71475       | 71476       | 71478       |
| ## | 0.423519035 | 0.419884506 | 0.423519035 | 0.265054947 | 0.423519035 | 0.423519035 |
| ## | 71479       | 71482       | 71487       | 71492       | 71505       | 71511       |
| ## | 0.804329755 | 0.806664710 | 0.423519035 | 0.423519035 | 0.787487332 | 0.423519035 |
| ## | 71519       | 71521       | 71524       | 71528       | 71530       | 71532       |
| ## | 0.419884506 | 0.799386800 | 0.799386800 | 0.799386800 | 0.423519035 | 0.799386800 |
| ## | 71536       | 71544       | 71546       | 71547       | 71550       | 71563       |
| ## | 0.419884506 | 0.801088266 | 0.419884506 | 0.419884506 | 0.799386800 | 0.419884506 |
| ## | 71567       | 71575       | 71576       | 71582       | 71585       | 71586       |
| ## | 0.423519035 | 0.796986069 | 0.717407888 | 0.724523569 | 0.316519383 | 0.313304053 |
| ## | 71596       | 71598       | 71610       | 71624       | 71626       | 71629       |
| ## | 0.707084866 | 0.707084866 | 0.423519035 | 0.186704516 | 0.315407958 | 0.318634861 |
| ## | 71636       | 71643       | 71646       | 71651       | 71659       | 71664       |
| ## | 0.726467539 | 0.423519035 | 0.787487332 | 0.806664710 | 0.423519035 | 0.808582858 |
| ## | 71673       | 71683       | 71689       | 71695       | 71696       | 71698       |
| ## | 0.787487332 | 0.095684911 | 0.175157604 | 0.178174785 | 0.178174785 | 0.180367583 |
| ## | 71702       | 71708       | 71713       | 71728       | 71731       | 71747       |
| ## | 0.180367583 | 0.224361427 | 0.221778500 | 0.224361427 | 0.124341636 | 0.174523537 |
| ## | 71750       | 71753       | 71759       | 71766       | 71768       | 71770       |
| ## | 0.195439335 | 0.178154120 | 0.093895828 | 0.536026112 | 0.181424360 | 0.179221523 |
| ## | 71775       | 71778       | 71790       | 71797       | 71801       | 71804       |
| ## | 0.159916239 | 0.138579773 | 0.070549850 | 0.188089311 | 0.185287284 | 0.400393656 |
| ## | 71810       | 71817       | 71819       | 71821       | 71823       | 71830       |
| ## | 0.194685459 | 0.194685459 | 0.194685459 | 0.158803450 | 0.163068735 | 0.175157604 |
| ## | 71833       | 71834       | 71835       | 71842       | 71849       | 71855       |
| ## | 0.175157604 | 0.177321281 | 0.177321281 | 0.097494942 | 0.097494942 | 0.178174785 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 71858       | 71874       | 71875       | 71877       | 71879       | 71885       |
| ## | 0.221778500 | 0.221778500 | 0.124341636 | 0.124341636 | 0.124341636 | 0.224361427 |
| ## | 71889       | 71890       | 71894       | 71895       | 71903       | 71919       |
| ## | 0.221778500 | 0.221778500 | 0.101844378 | 0.128408580 | 0.161802481 | 0.168996571 |
| ## | 71922       | 71923       | 71927       | 71929       | 71932       | 71937       |
| ## | 0.100881494 | 0.105538787 | 0.095684911 | 0.175157604 | 0.082903208 | 0.446322672 |
| ## | 71939       | 71946       | 71960       | 71962       | 71963       | 71966       |
| ## | 0.070558860 | 0.442642710 | 0.088864265 | 0.432195534 | 0.067824877 | 0.416800969 |
| ## | 71968       | 71970       | 71977       | 71985       | 71986       | 71996       |
| ## | 0.109215744 | 0.141024403 | 0.456160022 | 0.442642710 | 0.452465233 | 0.131920316 |
| ## | 72000       | 72007       | 72008       | 72009       | 72013       | 72017       |
| ## | 0.143982092 | 0.119003059 | 0.416800969 | 0.337077561 | 0.249365375 | 0.120625441 |
| ## | 72026       | 72027       | 72039       | 72043       | 72050       | 72052       |
| ## | 0.241365408 | 0.686845450 | 0.282733031 | 0.285765182 | 0.285765182 | 0.267014395 |
| ## | 72059       | 72060       | 72064       | 72071       | 72074       | 72076       |
| ## | 0.269941415 | 0.632375517 | 0.301703652 | 0.301703652 | 0.301703652 | 0.301703652 |
| ## | 72082       | 72090       | 72092       | 72095       | 72099       | 72102       |
| ## | 0.301703652 | 0.245979171 | 0.674167641 | 0.684551570 | 0.137826197 | 0.177145292 |
| ## | 72109       | 72110       | 72119       | 72123       | 72138       | 72140       |
| ## | 0.301703652 | 0.285128744 | 0.222762533 | 0.215868105 | 0.684551570 | 0.684551570 |
| ## | 72143       | 72145       | 72149       | 72155       | 72172       | 72175       |
| ## | 0.684551570 | 0.686845450 | 0.686845450 | 0.333557077 | 0.330252300 | 0.222563208 |
| ## | 72188       | 72191       | 72211       | 72222       | 72227       | 72236       |
| ## | 0.161765493 | 0.107630570 | 0.620200106 | 0.240135163 | 0.198061924 | 0.204071264 |
| ## | 72245       | 72252       | 72255       | 72256       | 72257       | 72263       |
| ## | 0.730796929 | 0.333557077 | 0.732885742 | 0.330252300 | 0.330252300 | 0.333557077 |
| ## | 72264       | 72265       | 72281       | 72287       | 72288       | 72289       |
| ## | 0.197236723 | 0.333557077 | 0.219995111 | 0.123217710 | 0.123217710 | 0.123217710 |
| ## | 72291       | 72295       | 72298       | 72308       | 72309       | 72319       |
| ## | 0.202155480 | 0.145824429 | 0.172588610 | 0.074170408 | 0.533929132 | 0.177984932 |
| ## | 72321       | 72330       | 72336       | 72344       | 72350       | 72353       |
| ## | 0.177984932 | 0.134532018 | 0.460081552 | 0.130933982 | 0.049715026 | 0.471033266 |
| ## | 72359       | 72365       | 72371       | 72372       | 72381       | 72382       |
| ## | 0.467321527 | 0.079998200 | 0.148703184 | 0.078977366 | 0.024880725 | 0.070806340 |
| ## | 72394       | 72397       | 72401       | 72411       | 72412       | 72415       |
| ## | 0.353369297 | 0.090650712 | 0.104503305 | 0.121204836 | 0.064303270 | 0.156766207 |
| ## | 72430       | 72439       | 72440       | 72446       | 72459       | 72460       |
| ## | 0.163637954 | 0.053366500 | 0.053366500 | 0.334721967 | 0.091886786 | 0.090650712 |
| ## | 72461       | 72462       | 72471       | 72482       | 72483       | 72488       |
| ## | 0.090650712 | 0.090650712 | 0.105906268 | 0.049651690 | 0.130000209 | 0.100413876 |
| ## | 72489       | 72492       | 72497       | 72505       | 72507       | 72510       |
| ## | 0.139555155 | 0.068134473 | 0.048725214 | 0.099705019 | 0.093613645 | 0.067810740 |
| ## | 72512       | 72518       | 72525       | 72531       | 72536       | 72543       |
| ## | 0.072526458 | 0.073278466 | 0.078301015 | 0.089447841 | 0.146809700 | 0.093927778 |
| ## | 72547       | 72548       | 72556       | 72565       | 72566       | 72574       |
| ## | 0.094386199 | 0.094386199 | 0.153349595 | 0.105906268 | 0.105906268 | 0.105906268 |
| ## | 72585       | 72596       | 72599       | 72602       | 72603       | 72607       |
| ## | 0.093231309 | 0.126253837 | 0.094386199 | 0.095667850 | 0.154552106 | 0.138473836 |
| ## | 72612       | 72615       | 72620       | 72636       | 72642       | 72645       |
| ## | 0.153349595 | 0.153349595 | 0.120691126 | 0.134212278 | 0.226430158 | 0.226430158 |
| ## | 72652       | 72661       | 72664       | 72669       | 72672       | 72673       |
| ## | 0.617070969 | 0.147972961 | 0.137452989 | 0.160039957 | 0.160039957 | 0.511943472 |
| ## | 72675       | 72676       | 72683       | 72699       | 72701       | 72703       |
| ## | 0.162121378 | 0.164156070 | 0.519473613 | 0.500249567 | 0.170399160 | 0.170399160 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 72705       | 72713       | 72715       | 72719       | 72724       | 72726       |
| ## | 0.148992611 | 0.170950408 | 0.173073020 | 0.170950408 | 0.078847350 | 0.152715399 |
| ## | 72737       | 72739       | 72742       | 72743       | 72750       | 72756       |
| ## | 0.145938565 | 0.150222941 | 0.152135418 | 0.166784220 | 0.183292024 | 0.505923764 |
| ## | 72757       | 72758       | 72769       | 72779       | 72788       | 72792       |
| ## | 0.183685063 | 0.183685063 | 0.121041717 | 0.103437698 | 0.170950408 | 0.170950408 |
| ## | 72793       | 72794       | 72795       | 72800       | 72803       | 72804       |
| ## | 0.093170987 | 0.170950408 | 0.170950408 | 0.374739756 | 0.485503568 | 0.082642659 |
| ## | 72805       | 72807       | 72809       | 72816       | 72832       | 72835       |
| ## | 0.094369691 | 0.143573915 | 0.143573915 | 0.150222941 | 0.565369508 | 0.107566302 |
| ## | 72845       | 72862       | 72869       | 72875       | 72882       | 72891       |
| ## | 0.183685063 | 0.239383503 | 0.622078379 | 0.631372136 | 0.173414160 | 0.170399160 |
| ## | 72896       | 72899       | 72900       | 72907       | 72912       | 72914       |
| ## | 0.150892206 | 0.150892206 | 0.080236713 | 0.170950408 | 0.101007641 | 0.195387764 |
| ## | 72915       | 72920       | 72933       | 72941       | 72943       | 72948       |
| ## | 0.554215725 | 0.195387764 | 0.176755139 | 0.195227338 | 0.077006496 | 0.195387764 |
| ## | 72949       | 72952       | 72957       | 72967       | 72973       | 72976       |
| ## | 0.197741431 | 0.195387764 | 0.197741431 | 0.191666166 | 0.166554314 | 0.101649779 |
| ## | 72978       | 72979       | 72997       | 73020       | 73024       | 73035       |
| ## | 0.561073517 | 0.106395588 | 0.177767770 | 0.450460850 | 0.538947547 | 0.100237157 |
| ## | 73038       | 73045       | 73047       | 73049       | 73057       | 73058       |
| ## | 0.335623174 | 0.565605612 | 0.112337508 | 0.110859912 | 0.099654455 | 0.181761449 |
| ## | 73063       | 73065       | 73069       | 73074       | 73076       | 73086       |
| ## | 0.183988506 | 0.174701581 | 0.174701581 | 0.111565196 | 0.154008008 | 0.094362458 |
| ## | 73089       | 73092       | 73097       | 73100       | 73101       | 73104       |
| ## | 0.099773817 | 0.549419279 | 0.377943446 | 0.099773817 | 0.377943446 | 0.377943446 |
| ## | 73118       | 73131       | 73142       | 73151       | 73164       | 73165       |
| ## | 0.175772119 | 0.096053076 | 0.087569024 | 0.087569024 | 0.175463179 | 0.175463179 |
| ## | 73169       | 73181       | 73186       | 73189       | 73196       | 73198       |
| ## | 0.175463179 | 0.184963024 | 0.162258949 | 0.100023619 | 0.386085244 | 0.117691549 |
| ## | 73201       | 73206       | 73212       | 73220       | 73221       | 73228       |
| ## | 0.045952111 | 0.154008008 | 0.091476320 | 0.184188215 | 0.184188215 | 0.184188215 |
| ## | 73229       | 73231       | 73232       | 73233       | 73245       | 73249       |
| ## | 0.184188215 | 0.099773817 | 0.549419279 | 0.377943446 | 0.170807203 | 0.170807203 |
| ## | 73250       | 73254       | 73256       | 73263       | 73264       | 73268       |
| ## | 0.093085622 | 0.096053076 | 0.175772119 | 0.175772119 | 0.175772119 | 0.096053076 |
| ## | 73274       | 73276       | 73285       | 73291       | 73293       | 73300       |
| ## | 0.184614416 | 0.147873115 | 0.161504792 | 0.514102500 | 0.541314126 | 0.163533257 |
| ## | 73316       | 73321       | 73327       | 73331       | 73334       | 73335       |
| ## | 0.146947212 | 0.386199772 | 0.326870455 | 0.192493519 | 0.153856846 | 0.269783904 |
| ## | 73343       | 73347       | 73353       | 73358       | 73368       | 73375       |
| ## | 0.058754598 | 0.294089586 | 0.294089586 | 0.294089586 | 0.271896555 | 0.122056662 |
| ## | 73378       | 73386       | 73388       | 73390       | 73399       | 73401       |
| ## | 0.272236553 | 0.213954926 | 0.188356825 | 0.200253074 | 0.294396490 | 0.172111341 |
| ## | 73402       | 73405       | 73409       | 73413       | 73415       | 73422       |
| ## | 0.297501844 | 0.184478079 | 0.111959819 | 0.263587497 | 0.297123866 | 0.294020806 |
| ## | 73423       | 73431       | 73438       | 73445       | 73463       | 73467       |
| ## | 0.705418753 | 0.301383691 | 0.206710048 | 0.290740560 | 0.690852522 | 0.288720607 |
| ## | 73482       | 73488       | 73498       | 73501       | 73504       | 73511       |
| ## | 0.271896555 | 0.171350766 | 0.272236553 | 0.273469059 | 0.670733132 | 0.213954926 |
| ## | 73519       | 73539       | 73544       | 73547       | 73551       | 73561       |
| ## | 0.294396490 | 0.294020806 | 0.171853700 | 0.696308104 | 0.297123866 | 0.190368257 |
| ## | 73566       | 73568       | 73569       | 73588       | 73600       | 73601       |
| ## | 0.206529911 | 0.025407257 | 0.073235959 | 0.062781180 | 0.101087745 | 0.069122500 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 73604       | 73610       | 73619       | 73621       | 73623       | 73629       |
| ## | 0.157872426 | 0.159887970 | 0.161911487 | 0.501751912 | 0.161911487 | 0.161911487 |
| ## | 73634       | 73635       | 73647       | 73655       | 73660       | 73671       |
| ## | 0.501751912 | 0.159899293 | 0.503243635 | 0.106267337 | 0.076849673 | 0.082271950 |
| ## | 73672       | 73676       | 73680       | 73681       | 73682       | 73691       |
| ## | 0.083404254 | 0.076849673 | 0.092105666 | 0.092105666 | 0.066157123 | 0.112354686 |
| ## | 73703       | 73704       | 73706       | 73708       | 73710       | 73718       |
| ## | 0.181592386 | 0.073094855 | 0.183817837 | 0.073094855 | 0.183817837 | 0.415665436 |
| ## | 73721       | 73723       | 73725       | 73730       | 73731       | 73735       |
| ## | 0.476049949 | 0.141657947 | 0.214523441 | 0.106814843 | 0.396469374 | 0.218031571 |
| ## | 73736       | 73738       | 73739       | 73743       | 73748       | 73753       |
| ## | 0.218031571 | 0.220583229 | 0.218031571 | 0.218031571 | 0.218031571 | 0.197398674 |
| ## | 73759       | 73768       | 73769       | 73773       | 73776       | 73780       |
| ## | 0.584543413 | 0.093516105 | 0.218031571 | 0.218031571 | 0.220583229 | 0.197398674 |
| ## | 73786       | 73788       | 73790       | 73792       | 73800       | 73801       |
| ## | 0.197398674 | 0.197398674 | 0.574654281 | 0.574654281 | 0.197398674 | 0.199770550 |
| ## | 73804       | 73805       | 73811       | 73812       | 73813       | 73814       |
| ## | 0.565460244 | 0.109170345 | 0.199770550 | 0.197398674 | 0.109170345 | 0.197398674 |
| ## | 73820       | 73822       | 73823       | 73824       | 73843       | 73845       |
| ## | 0.318354088 | 0.321596973 | 0.318354088 | 0.318354088 | 0.318354088 | 0.318354088 |
| ## | 73850       | 73856       | 73859       | 73865       | 73867       | 73872       |
| ## | 0.321596973 | 0.318354088 | 0.318354088 | 0.318354088 | 0.318354088 | 0.321596973 |
| ## | 73877       | 73879       | 73886       | 73887       | 73888       | 73890       |
| ## | 0.711901919 | 0.321596973 | 0.318354088 | 0.321596973 | 0.318354088 | 0.191637386 |
| ## | 73895       | 73897       | 73899       | 73909       | 73910       | 73914       |
| ## | 0.210845729 | 0.117486965 | 0.210845729 | 0.227735301 | 0.227735301 | 0.597977766 |
| ## | 73915       | 73916       | 73924       | 73930       | 73934       | 73936       |
| ## | 0.227735301 | 0.097061282 | 0.225124807 | 0.208281262 | 0.197398674 | 0.197398674 |
| ## | 73943       | 73947       | 73949       | 73950       | 73951       | 73965       |
| ## | 0.577794176 | 0.197398674 | 0.197398674 | 0.197398674 | 0.197398674 | 0.197398674 |
| ## | 73969       | 73971       | 73994       | 73996       | 74008       | 74009       |
| ## | 0.574654281 | 0.197398674 | 0.321596973 | 0.318354088 | 0.321596973 | 0.321596973 |
| ## | 74011       | 74015       | 74016       | 74017       | 74019       | 74022       |
| ## | 0.318354088 | 0.318354088 | 0.318354088 | 0.318354088 | 0.318354088 | 0.147340860 |
| ## | 74026       | 74029       | 74031       | 74033       | 74037       | 74038       |
| ## | 0.318354088 | 0.318354088 | 0.142357805 | 0.321596973 | 0.318354088 | 0.318354088 |
| ## | 74041       | 74043       | 74048       | 74057       | 74058       | 74060       |
| ## | 0.318354088 | 0.318354088 | 0.321596973 | 0.318354088 | 0.318354088 | 0.595290182 |
| ## | 74061       | 74071       | 74073       | 74080       | 74088       | 74090       |
| ## | 0.144631615 | 0.617821180 | 0.227735301 | 0.225124807 | 0.227735301 | 0.225124807 |
| ## | 74091       | 74098       | 74105       | 74108       | 74115       | 74117       |
| ## | 0.225124807 | 0.097061282 | 0.136237542 | 0.293382408 | 0.335821533 | 0.331150748 |
| ## | 74122       | 74129       | 74134       | 74143       | 74148       | 74151       |
| ## | 0.710620730 | 0.144454497 | 0.614385014 | 0.334043039 | 0.317579665 | 0.301741314 |
| ## | 74152       | 74153       | 74156       | 74176       | 74178       | 74179       |
| ## | 0.279928622 | 0.283150452 | 0.280135163 | 0.128211649 | 0.298643624 | 0.301774617 |
| ## | 74182       | 74191       | 74199       | 74201       | 74212       | 74220       |
| ## | 0.301774617 | 0.298643624 | 0.301774617 | 0.298643624 | 0.313010449 | 0.324527769 |
| ## | 74221       | 74232       | 74233       | 74238       | 74247       | 74249       |
| ## | 0.192306519 | 0.344999993 | 0.344999993 | 0.341639962 | 0.344999993 | 0.341639962 |
| ## | 74255       | 74258       | 74260       | 74264       | 74265       | 74266       |
| ## | 0.335374660 | 0.327014158 | 0.323742715 | 0.351521738 | 0.319111094 | 0.322358043 |
| ## | 74269       | 74279       | 74287       | 74298       | 74302       | 74303       |
| ## | 0.337620064 | 0.312543322 | 0.324835884 | 0.317579665 | 0.305247218 | 0.699212608 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 74304       | 74305       | 74309       | 74310       | 74313       | 74322       |
| ## | 0.197582960 | 0.330735837 | 0.696203844 | 0.305382546 | 0.302230322 | 0.464992013 |
| ## | 74337       | 74345       | 74346       | 74354       | 74356       | 74357       |
| ## | 0.302193879 | 0.464992013 | 0.464992013 | 0.464992013 | 0.302193879 | 0.464992013 |
| ## | 74360       | 74361       | 74363       | 74370       | 74372       | 74373       |
| ## | 0.468701530 | 0.464992013 | 0.468701530 | 0.826817433 | 0.468701530 | 0.468701530 |
| ## | 74382       | 74387       | 74388       | 74389       | 74390       | 74391       |
| ## | 0.468701530 | 0.468701530 | 0.464992013 | 0.468701530 | 0.821379794 | 0.468701530 |
| ## | 74393       | 74398       | 74410       | 74412       | 74413       | 74414       |
| ## | 0.464992013 | 0.464992013 | 0.468701530 | 0.468701530 | 0.464992013 | 0.464992013 |
| ## | 74425       | 74436       | 74444       | 74446       | 74452       | 74453       |
| ## | 0.302193879 | 0.302193879 | 0.468701530 | 0.302193879 | 0.464992013 | 0.468701530 |
| ## | 74458       | 74460       | 74468       | 74471       | 74472       | 74474       |
| ## | 0.464992013 | 0.826817433 | 0.302193879 | 0.464992013 | 0.464992013 | 0.464992013 |
| ## | 74475       | 74481       | 74483       | 74484       | 74487       | 74497       |
| ## | 0.468701530 | 0.821379794 | 0.302193879 | 0.236892131 | 0.302193879 | 0.826817433 |
| ## | 74499       | 74513       | 74521       | 74543       | 74544       | 74547       |
| ## | 0.468701530 | 0.302193879 | 0.464992013 | 0.468701530 | 0.464992013 | 0.464992013 |
| ## | 74548       | 74550       | 74551       | 74554       | 74559       | 74564       |
| ## | 0.464992013 | 0.464992013 | 0.243326710 | 0.464992013 | 0.464992013 | 0.464992013 |
| ## | 74565       | 74567       | 74568       | 74572       | 74575       | 74576       |
| ## | 0.236892131 | 0.464992013 | 0.468701530 | 0.464992013 | 0.468701530 | 0.302193879 |
| ## | 74587       | 74594       | 74595       | 74596       | 74602       | 74604       |
| ## | 0.464992013 | 0.464992013 | 0.468701530 | 0.468701530 | 0.243326710 | 0.464992013 |
| ## | 74609       | 74615       | 74618       | 74624       | 74633       | 74643       |
| ## | 0.827134336 | 0.309561299 | 0.311161930 | 0.308768974 | 0.464992013 | 0.308768974 |
| ## | 74644       | 74646       | 74649       | 74650       | 74655       | 74656       |
| ## | 0.323336370 | 0.323336370 | 0.326605689 | 0.186806213 | 0.308600407 | 0.308600407 |
| ## | 74657       | 74665       | 74667       | 74673       | 74674       | 74679       |
| ## | 0.737474290 | 0.342699840 | 0.155024752 | 0.738330546 | 0.738330546 | 0.339350604 |
| ## | 74689       | 74700       | 74704       | 74709       | 74712       | 74722       |
| ## | 0.233688433 | 0.327858084 | 0.332833707 | 0.326765564 | 0.200469183 | 0.309431603 |
| ## | 74725       | 74748       | 74767       | 74769       | 74772       | 74773       |
| ## | 0.706278527 | 0.284371850 | 0.333531339 | 0.333531339 | 0.321681020 | 0.270960175 |
| ## | 74785       | 74786       | 74789       | 74803       | 74807       | 74814       |
| ## | 0.163474511 | 0.349001494 | 0.345623056 | 0.328082302 | 0.345623056 | 0.706445879 |
| ## | 74830       | 74834       | 74853       | 74854       | 74859       | 74875       |
| ## | 0.302353328 | 0.302353328 | 0.332270405 | 0.335585257 | 0.332270405 | 0.307648218 |
| ## | 74879       | 74894       | 74896       | 74899       | 74903       | 74904       |
| ## | 0.300158465 | 0.328750955 | 0.708098026 | 0.317579665 | 0.688149145 | 0.306729375 |
| ## | 74921       | 74934       | 74936       | 74940       | 74946       | 74947       |
| ## | 0.309101489 | 0.327975531 | 0.728763482 | 0.331268794 | 0.434403893 | 0.434403893 |
| ## | 74948       | 74955       | 74963       | 74966       | 74972       | 74980       |
| ## | 0.434403893 | 0.438069195 | 0.434403893 | 0.215271367 | 0.276774782 | 0.438069195 |
| ## | 74997       | 75000       | 75002       | 75009       | 75011       | 75015       |
| ## | 0.438069195 | 0.434403893 | 0.438069195 | 0.434403893 | 0.438069195 | 0.323720225 |
| ## | 75016       | 75019       | 75020       | 75031       | 75043       | 75049       |
| ## | 0.320466044 | 0.330741523 | 0.327450936 | 0.376626339 | 0.376626339 | 0.376626339 |
| ## | 75057       | 75063       | 75066       | 75073       | 75077       | 75079       |
| ## | 0.768454766 | 0.768848610 | 0.376626339 | 0.376626339 | 0.376626339 | 0.380131786 |
| ## | 75085       | 75093       | 75097       | 75100       | 75107       | 75109       |
| ## | 0.376626339 | 0.376626339 | 0.278726493 | 0.271514838 | 0.713207967 | 0.096915054 |
| ## | 75114       | 75116       | 75119       | 75123       | 75146       | 75148       |
| ## | 0.281989695 | 0.227616135 | 0.297387300 | 0.324243505 | 0.358859097 | 0.358859097 |

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| ## | 75150       | 75152       | 75154       | 75156       | 75179       | 75180       |
| ## | 0.358859097 | 0.355437335 | 0.215542524 | 0.355437335 | 0.346092046 | 0.289158322 |
| ## | 75181       | 75183       | 75187       | 75188       | 75189       | 75197       |
| ## | 0.245644746 | 0.086985740 | 0.211832915 | 0.350395497 | 0.329368728 | 0.297507642 |
| ## | 75204       | 75205       | 75228       | 75231       | 75253       | 75266       |
| ## | 0.317455160 | 0.327820884 | 0.607962566 | 0.226272844 | 0.347992911 | 0.314358519 |
| ## | 75267       | 75281       | 75285       | 75292       | 75302       | 75308       |
| ## | 0.185966977 | 0.313010449 | 0.279143456 | 0.279143456 | 0.464992013 | 0.302193879 |
| ## | 75314       | 75317       | 75319       | 75323       | 75328       | 75343       |
| ## | 0.302193879 | 0.464992013 | 0.464992013 | 0.464992013 | 0.821379794 | 0.339350604 |
| ## | 75350       | 75367       | 75370       | 75376       | 75377       | 75385       |
| ## | 0.305863955 | 0.333203789 | 0.315761416 | 0.334490812 | 0.334490812 | 0.334490812 |
| ## | 75386       | 75389       | 75394       | 75397       | 75403       | 75407       |
| ## | 0.320125818 | 0.210903174 | 0.318898466 | 0.728763482 | 0.299298618 | 0.434403893 |
| ## | 75410       | 75413       | 75425       | 75427       | 75433       | 75441       |
| ## | 0.808734518 | 0.434403893 | 0.438069195 | 0.434403893 | 0.808734518 | 0.434403893 |
| ## | 75446       | 75451       | 75453       | 75462       | 75463       | 75464       |
| ## | 0.434403893 | 0.438069195 | 0.434403893 | 0.438069195 | 0.434403893 | 0.438069195 |
| ## | 75471       | 75473       | 75485       | 75487       | 75489       | 75497       |
| ## | 0.438069195 | 0.438069195 | 0.221288973 | 0.276774782 | 0.434403893 | 0.231385637 |
| ## | 75509       | 75511       | 75514       | 75517       | 75523       | 75527       |
| ## | 0.380131786 | 0.195609140 | 0.376626339 | 0.376626339 | 0.376626339 | 0.376626339 |
| ## | 75528       | 75531       | 75533       | 75540       | 75547       | 75549       |
| ## | 0.376626339 | 0.376626339 | 0.182700462 | 0.380131786 | 0.434403893 | 0.231385637 |
| ## | 75551       | 75552       | 75556       | 75558       | 75560       | 75562       |
| ## | 0.768848610 | 0.376626339 | 0.231385637 | 0.380131786 | 0.380131786 | 0.380131786 |
| ## | 75564       | 75574       | 75575       | 75577       | 75581       | 75585       |
| ## | 0.380131786 | 0.380131786 | 0.376626339 | 0.380131786 | 0.231385637 | 0.376626339 |
| ## | 75587       | 75595       | 75603       | 75607       | 75609       | 75620       |
| ## | 0.161460862 | 0.321091528 | 0.227616135 | 0.212698623 | 0.301049116 | 0.288317902 |
| ## | 75629       | 75631       | 75636       | 75644       | 75645       | 75650       |
| ## | 0.313555746 | 0.136040768 | 0.336526937 | 0.164549984 | 0.355437335 | 0.358859097 |
| ## | 75651       | 75656       | 75657       | 75658       | 75661       | 75665       |
| ## | 0.751807552 | 0.355437335 | 0.355437335 | 0.358859097 | 0.358859097 | 0.355437335 |
| ## | 75666       | 75679       | 75683       | 75684       | 75689       | 75691       |
| ## | 0.355437335 | 0.233688433 | 0.159924889 | 0.245644746 | 0.350395497 | 0.376626339 |
| ## | 75696       | 75699       | 75702       | 75710       | 75711       | 75714       |
| ## | 0.329368728 | 0.304601714 | 0.314234695 | 0.293249396 | 0.293249396 | 0.294560261 |
| ## | 75716       | 75728       | 75729       | 75732       | 75738       | 75748       |
| ## | 0.321761551 | 0.328750955 | 0.194935430 | 0.316993369 | 0.220158486 | 0.312458234 |
| ## | 75750       | 75757       | 75763       | 75767       | 75769       | 75774       |
| ## | 0.321173442 | 0.719589389 | 0.355437335 | 0.217772471 | 0.328750955 | 0.341639962 |
| ## | 75783       | 75788       | 75791       | 75800       | 75806       | 75807       |
| ## | 0.341639962 | 0.341639962 | 0.344999993 | 0.344999993 | 0.335374660 | 0.468701530 |
| ## | 75808       | 75810       | 75811       | 75815       | 75820       | 75822       |
| ## | 0.468701530 | 0.464992013 | 0.464992013 | 0.464992013 | 0.821379794 | 0.464992013 |
| ## | 75824       | 75825       | 75826       | 75827       | 75831       | 75834       |
| ## | 0.302193879 | 0.302193879 | 0.468701530 | 0.827134336 | 0.464992013 | 0.468701530 |
| ## | 75837       | 75846       | 75851       | 75852       | 75853       | 75854       |
| ## | 0.464992013 | 0.327858084 | 0.140839390 | 0.295243146 | 0.336151350 | 0.332833707 |
| ## | 75860       | 75863       | 75864       | 75865       | 75867       | 75870       |
| ## | 0.326765564 | 0.216772886 | 0.179193994 | 0.076123404 | 0.200469183 | 0.172812959 |
| ## | 75871       | 75873       | 75894       | 75898       | 75904       | 75905       |
| ## | 0.658608514 | 0.267197953 | 0.322358043 | 0.340961034 | 0.340961034 | 0.315754434 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 75909       | 75913       | 75924       | 75933       | 75946       | 75952       |
| ## | 0.328113013 | 0.300631830 | 0.464992013 | 0.464992013 | 0.302193879 | 0.186888912 |
| ## | 75953       | 75955       | 75958       | 75962       | 75963       | 75968       |
| ## | 0.302403479 | 0.302403479 | 0.319015760 | 0.720771228 | 0.322453390 | 0.322453390 |
| ## | 75971       | 75976       | 75986       | 75998       | 76000       | 76003       |
| ## | 0.312960193 | 0.326531435 | 0.334785509 | 0.317579665 | 0.317579665 | 0.307130765 |
| ## | 76007       | 76011       | 76012       | 76021       | 76033       | 76038       |
| ## | 0.330735837 | 0.311099413 | 0.298372842 | 0.305382546 | 0.464992013 | 0.468701530 |
| ## | 76039       | 76040       | 76046       | 76049       | 76061       | 76068       |
| ## | 0.468701530 | 0.821379794 | 0.464992013 | 0.302193879 | 0.316689798 | 0.302353328 |
| ## | 76073       | 76077       | 76078       | 76081       | 76082       | 76091       |
| ## | 0.305506272 | 0.302353328 | 0.305506272 | 0.305506272 | 0.305506272 | 0.697972092 |
| ## | 76096       | 76102       | 76103       | 76107       | 76117       | 76126       |
| ## | 0.302230322 | 0.464992013 | 0.468701530 | 0.464992013 | 0.827134336 | 0.464992013 |
| ## | 76139       | 76140       | 76146       | 76147       | 76150       | 76154       |
| ## | 0.468701530 | 0.826817433 | 0.464992013 | 0.464992013 | 0.302193879 | 0.464992013 |
| ## | 76161       | 76163       | 76171       | 76174       | 76176       | 76181       |
| ## | 0.464992013 | 0.468701530 | 0.335585257 | 0.335585257 | 0.332270405 | 0.335585257 |
| ## | 76183       | 76184       | 76185       | 76190       | 76197       | 76205       |
| ## | 0.335585257 | 0.335585257 | 0.332270405 | 0.181272740 | 0.307648218 | 0.339153819 |
| ## | 76210       | 76217       | 76219       | 76220       | 76228       | 76232       |
| ## | 0.827134336 | 0.302193879 | 0.464992013 | 0.464992013 | 0.468701530 | 0.464992013 |
| ## | 76238       | 76243       | 76244       | 76250       | 76263       | 76278       |
| ## | 0.468701530 | 0.302193879 | 0.464992013 | 0.468701530 | 0.326605689 | 0.341205230 |
| ## | 76279       | 76280       | 76300       | 76305       | 76313       | 76322       |
| ## | 0.341205230 | 0.295896945 | 0.332048156 | 0.314358519 | 0.213163242 | 0.327858084 |
| ## | 76326       | 76329       | 76339       | 76345       | 76347       | 76349       |
| ## | 0.707546364 | 0.312126869 | 0.171952503 | 0.297560341 | 0.300684846 | 0.297560341 |
| ## | 76350       | 76351       | 76352       | 76355       | 76359       | 76368       |
| ## | 0.300684846 | 0.197582960 | 0.197582960 | 0.227679362 | 0.128076659 | 0.222952217 |
| ## | 76393       | 76394       | 76395       | 76399       | 76414       | 76421       |
| ## | 0.186490891 | 0.186490891 | 0.197427028 | 0.197427028 | 0.230310675 | 0.180679988 |
| ## | 76424       | 76430       | 76432       | 76436       | 76460       | 76463       |
| ## | 0.113232429 | 0.220380904 | 0.091293273 | 0.472432110 | 0.199799160 | 0.199799160 |
| ## | 76466       | 76474       | 76476       | 76483       | 76489       | 76493       |
| ## | 0.091298814 | 0.148545267 | 0.188706343 | 0.500017707 | 0.569260573 | 0.184637147 |
| ## | 76495       | 76499       | 76500       | 76503       | 76504       | 76512       |
| ## | 0.188429262 | 0.171088719 | 0.128561530 | 0.183079951 | 0.183079951 | 0.573360373 |
| ## | 76523       | 76530       | 76533       | 76536       | 76547       | 76549       |
| ## | 0.183482351 | 0.190190677 | 0.170812632 | 0.494219801 | 0.190827009 | 0.093388853 |
| ## | 76552       | 76560       | 76569       | 76571       | 76576       | 76577       |
| ## | 0.165553775 | 0.132397322 | 0.059970166 | 0.155096601 | 0.192946704 | 0.179563586 |
| ## | 76583       | 76584       | 76592       | 76598       | 76600       | 76613       |
| ## | 0.512608091 | 0.564748635 | 0.179132742 | 0.563344795 | 0.181574632 | 0.175815542 |
| ## | 76616       | 76619       | 76627       | 76631       | 76632       | 76633       |
| ## | 0.108300041 | 0.108300041 | 0.180607465 | 0.188208680 | 0.102495858 | 0.531605944 |
| ## | 76634       | 76638       | 76639       | 76644       | 76648       | 76666       |
| ## | 0.164418302 | 0.477399918 | 0.477399918 | 0.129928425 | 0.123913938 | 0.035659423 |
| ## | 76667       | 76668       | 76673       | 76676       | 76679       | 76688       |
| ## | 0.086625173 | 0.330820967 | 0.097597525 | 0.086625173 | 0.155764799 | 0.112604027 |
| ## | 76690       | 76695       | 76697       | 76700       | 76701       | 76702       |
| ## | 0.097274718 | 0.481929132 | 0.151434183 | 0.123313517 | 0.168982840 | 0.158133234 |
| ## | 76703       | 76706       | 76714       | 76725       | 76726       | 76728       |
| ## | 0.158133234 | 0.084424239 | 0.152125471 | 0.064589469 | 0.165326403 | 0.165326403 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 76741       | 76742       | 76747       | 76749       | 76750       | 76755       |
| ## | 0.128579613 | 0.161901970 | 0.169994019 | 0.091356418 | 0.081915209 | 0.145268504 |
| ## | 76770       | 76775       | 76781       | 76785       | 76794       | 76795       |
| ## | 0.366108982 | 0.148643467 | 0.462905509 | 0.088804026 | 0.166162930 | 0.147457965 |
| ## | 76802       | 76809       | 76811       | 76829       | 76844       | 76847       |
| ## | 0.513903747 | 0.083510381 | 0.152139320 | 0.173335981 | 0.154303695 | 0.345889881 |
| ## | 76849       | 76852       | 76853       | 76854       | 76860       | 76864       |
| ## | 0.153814975 | 0.084424239 | 0.086070392 | 0.158961285 | 0.169411012 | 0.169152294 |
| ## | 76868       | 76871       | 76884       | 76889       | 76905       | 76910       |
| ## | 0.141758982 | 0.140076852 | 0.189174131 | 0.189174131 | 0.081915209 | 0.147128827 |
| ## | 76921       | 76926       | 76928       | 76933       | 76945       | 76946       |
| ## | 0.165685406 | 0.146420669 | 0.041314239 | 0.475975687 | 0.139925676 | 0.139925676 |
| ## | 76947       | 76953       | 76954       | 76957       | 76965       | 76967       |
| ## | 0.499262584 | 0.167272931 | 0.167272931 | 0.153219517 | 0.152062851 | 0.156557936 |
| ## | 76976       | 76977       | 76978       | 76984       | 76988       | 76992       |
| ## | 0.148671493 | 0.150567717 | 0.150567717 | 0.142902506 | 0.141086782 | 0.141086782 |
| ## | 76993       | 76995       | 76996       | 77001       | 77003       | 77006       |
| ## | 0.141086782 | 0.141086782 | 0.142902506 | 0.141086782 | 0.142902506 | 0.142902506 |
| ## | 77008       | 77010       | 77024       | 77032       | 77034       | 77035       |
| ## | 0.118637030 | 0.092537295 | 0.067086196 | 0.064756784 | 0.123612851 | 0.432892837 |
| ## | 77040       | 77044       | 77045       | 77054       | 77058       | 77061       |
| ## | 0.131210705 | 0.052922053 | 0.453436032 | 0.187192858 | 0.189471054 | 0.431415135 |
| ## | 77064       | 77070       | 77077       | 77080       | 77082       | 77084       |
| ## | 0.550933234 | 0.157787290 | 0.121821577 | 0.189707914 | 0.157787290 | 0.085045540 |
| ## | 77086       | 77093       | 77103       | 77108       | 77113       | 77114       |
| ## | 0.145603636 | 0.254852727 | 0.254852727 | 0.254852727 | 0.145603636 | 0.257693300 |
| ## | 77119       | 77125       | 77135       | 77138       | 77139       | 77143       |
| ## | 0.254852727 | 0.254852727 | 0.097262078 | 0.177787180 | 0.074077606 | 0.176054905 |
| ## | 77150       | 77159       | 77162       | 77165       | 77166       | 77168       |
| ## | 0.181008647 | 0.112102440 | 0.158023381 | 0.155059162 | 0.122344680 | 0.146950903 |
| ## | 77170       | 77173       | 77178       | 77182       | 77188       | 77192       |
| ## | 0.150973464 | 0.464095426 | 0.144367275 | 0.163615259 | 0.147995249 | 0.126011483 |
| ## | 77195       | 77197       | 77217       | 77218       | 77225       | 77226       |
| ## | 0.133383799 | 0.070816846 | 0.175173395 | 0.161232827 | 0.170128657 | 0.172243186 |
| ## | 77240       | 77242       | 77251       | 77260       | 77261       | 77272       |
| ## | 0.178809756 | 0.178809756 | 0.146568832 | 0.421040219 | 0.126011483 | 0.093006769 |
| ## | 77274       | 77281       | 77284       | 77287       | 77290       | 77291       |
| ## | 0.095694368 | 0.088832945 | 0.545058320 | 0.170128657 | 0.172243186 | 0.170128657 |
| ## | 77296       | 77301       | 77310       | 77311       | 77315       | 77326       |
| ## | 0.163258540 | 0.254852727 | 0.145603636 | 0.636498159 | 0.257693300 | 0.254852727 |
| ## | 77336       | 77342       | 77343       | 77346       | 77352       | 77355       |
| ## | 0.145603636 | 0.145603636 | 0.254852727 | 0.254852727 | 0.145603636 | 0.510946358 |
| ## | 77356       | 77358       | 77365       | 77375       | 77380       | 77383       |
| ## | 0.159504247 | 0.557904925 | 0.179976253 | 0.154230341 | 0.154230341 | 0.105455788 |
| ## | 77388       | 77391       | 77394       | 77396       | 77397       | 77398       |
| ## | 0.140138782 | 0.459326032 | 0.081669856 | 0.151451612 | 0.066306581 | 0.303735431 |
| ## | 77399       | 77408       | 77415       | 77420       | 77422       | 77426       |
| ## | 0.470189334 | 0.146024642 | 0.422502830 | 0.144675393 | 0.080610038 | 0.074112230 |
| ## | 77427       | 77429       | 77442       | 77449       | 77452       | 77466       |
| ## | 0.074112230 | 0.074112230 | 0.065547445 | 0.154230341 | 0.154230341 | 0.295399724 |
| ## | 77467       | 77468       | 77472       | 77475       | 77476       | 77486       |
| ## | 0.079254029 | 0.066306581 | 0.123419317 | 0.130058285 | 0.144175921 | 0.176954684 |
| ## | 77496       | 77500       | 77502       | 77506       | 77507       | 77514       |
| ## | 0.058897490 | 0.269659927 | 0.429045337 | 0.138409740 | 0.119848571 | 0.074591400 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 77519       | 77523       | 77527       | 77528       | 77534       | 77535       |
| ## | 0.047354207 | 0.094685351 | 0.073718749 | 0.069317388 | 0.126921324 | 0.049127756 |
| ## | 77537       | 77540       | 77541       | 77546       | 77550       | 77555       |
| ## | 0.128582037 | 0.126921324 | 0.128582037 | 0.126921324 | 0.128582037 | 0.128582037 |
| ## | 77557       | 77558       | 77566       | 77570       | 77575       | 77590       |
| ## | 0.122168391 | 0.420438676 | 0.126921324 | 0.126921324 | 0.126921324 | 0.090248694 |
| ## | 77592       | 77598       | 77601       | 77604       | 77612       | 77614       |
| ## | 0.130718884 | 0.124794972 | 0.050917862 | 0.423305325 | 0.125757948 | 0.127405659 |
| ## | 77616       | 77631       | 77635       | 77654       | 77662       | 77666       |
| ## | 0.132296995 | 0.094753710 | 0.095412507 | 0.142574756 | 0.081438758 | 0.154670948 |
| ## | 77673       | 77674       | 77682       | 77683       | 77684       | 77685       |
| ## | 0.101078091 | 0.068204016 | 0.609749321 | 0.619160655 | 0.230618350 | 0.227984563 |
| ## | 77691       | 77699       | 77708       | 77710       | 77711       | 77717       |
| ## | 0.456937300 | 0.209469956 | 0.176767001 | 0.055013069 | 0.572884306 | 0.225301146 |
| ## | 77723       | 77730       | 77733       | 77741       | 77743       | 77746       |
| ## | 0.583817083 | 0.107377418 | 0.215842707 | 0.184404923 | 0.174235599 | 0.177714888 |
| ## | 77750       | 77751       | 77754       | 77757       | 77761       | 77764       |
| ## | 0.118475110 | 0.212430076 | 0.200047460 | 0.205708743 | 0.219358810 | 0.163288072 |
| ## | 77766       | 77767       | 77772       | 77787       | 77793       | 77799       |
| ## | 0.135893269 | 0.135893269 | 0.221531848 | 0.107534503 | 0.209165468 | 0.550044227 |
| ## | 77802       | 77804       | 77805       | 77807       | 77813       | 77816       |
| ## | 0.614659857 | 0.225392833 | 0.225392833 | 0.544370648 | 0.217060314 | 0.217060314 |
| ## | 77818       | 77825       | 77832       | 77836       | 77839       | 77852       |
| ## | 0.217060314 | 0.234970879 | 0.232302393 | 0.210903876 | 0.180948300 | 0.262793780 |
| ## | 77861       | 77866       | 77878       | 77880       | 77883       | 77886       |
| ## | 0.259916671 | 0.259916671 | 0.259916671 | 0.259916671 | 0.661493256 | 0.148930661 |
| ## | 77903       | 77912       | 77914       | 77941       | 77946       | 77949       |
| ## | 0.262793780 | 0.259916671 | 0.259916671 | 0.262793780 | 0.148930661 | 0.227749139 |
| ## | 77954       | 77978       | 77981       | 77999       | 78000       | 78006       |
| ## | 0.126465352 | 0.206166437 | 0.206166437 | 0.145161952 | 0.209047030 | 0.176767001 |
| ## | 78009       | 78011       | 78020       | 78023       | 78025       | 78034       |
| ## | 0.177915464 | 0.088506911 | 0.223466688 | 0.200024150 | 0.569507444 | 0.488473342 |
| ## | 78036       | 78043       | 78051       | 78059       | 78064       | 78069       |
| ## | 0.564781496 | 0.616385775 | 0.473268762 | 0.214934197 | 0.183873701 | 0.221921592 |
| ## | 78072       | 78074       | 78090       | 78092       | 78099       | 78102       |
| ## | 0.182312499 | 0.513654471 | 0.215064001 | 0.217590593 | 0.199457392 | 0.217060314 |
| ## | 78104       | 78106       | 78108       | 78112       | 78118       | 78126       |
| ## | 0.219603797 | 0.185078992 | 0.216722558 | 0.181252671 | 0.567908118 | 0.228294983 |
| ## | 78133       | 78134       | 78135       | 78137       | 78145       | 78149       |
| ## | 0.216200971 | 0.602419057 | 0.218737198 | 0.151025595 | 0.259916671 | 0.259916671 |
| ## | 78154       | 78156       | 78160       | 78176       | 78177       | 78179       |
| ## | 0.262793780 | 0.661493256 | 0.148930661 | 0.262793780 | 0.148930661 | 0.148930661 |
| ## | 78185       | 78198       | 78201       | 78204       | 78205       | 78209       |
| ## | 0.262793780 | 0.262793780 | 0.661493256 | 0.262793780 | 0.259916671 | 0.262793780 |
| ## | 78213       | 78215       | 78227       | 78235       | 78247       | 78262       |
| ## | 0.148930661 | 0.661493256 | 0.227749139 | 0.259916671 | 0.262793780 | 0.262793780 |
| ## | 78265       | 78269       | 78291       | 78292       | 78298       | 78300       |
| ## | 0.259916671 | 0.148930661 | 0.194765771 | 0.194765771 | 0.567454877 | 0.570065472 |
| ## | 78307       | 78308       | 78310       | 78313       | 78322       | 78326       |
| ## | 0.570065472 | 0.192439027 | 0.192439027 | 0.147544870 | 0.177497229 | 0.545612987 |
| ## | 78337       | 78339       | 78342       | 78346       | 78347       | 78361       |
| ## | 0.127278017 | 0.191928385 | 0.189627554 | 0.562439102 | 0.189627554 | 0.536467411 |
| ## | 78362       | 78363       | 78366       | 78369       | 78372       | 78379       |
| ## | 0.539663384 | 0.176177043 | 0.539663384 | 0.176177043 | 0.131665362 | 0.131665362 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 78384       | 78386       | 78397       | 78402       | 78409       | 78411       |
| ## | 0.407273923 | 0.427943758 | 0.068480623 | 0.526664715 | 0.566911182 | 0.570065472 |
| ## | 78420       | 78433       | 78441       | 78442       | 78444       | 78450       |
| ## | 0.566911182 | 0.382306751 | 0.153928798 | 0.163839526 | 0.163839526 | 0.179683512 |
| ## | 78452       | 78460       | 78463       | 78464       | 78467       | 78474       |
| ## | 0.533098625 | 0.545612987 | 0.191928385 | 0.545042848 | 0.189627554 | 0.191928385 |
| ## | 78480       | 78484       | 78494       | 78498       | 78501       | 78502       |
| ## | 0.189627554 | 0.562984084 | 0.536467411 | 0.539663384 | 0.176177043 | 0.095006629 |
| ## | 78510       | 78523       | 78528       | 78529       | 78535       | 78536       |
| ## | 0.484091872 | 0.109911724 | 0.197931305 | 0.195575929 | 0.079899673 | 0.120778778 |
| ## | 78545       | 78550       | 78551       | 78552       | 78566       | 78569       |
| ## | 0.117022290 | 0.089540698 | 0.165076003 | 0.521182083 | 0.092879395 | 0.388814590 |
| ## | 78570       | 78571       | 78582       | 78587       | 78594       | 78598       |
| ## | 0.167140380 | 0.575467591 | 0.193389457 | 0.178498361 | 0.458466218 | 0.101378824 |
| ## | 78601       | 78602       | 78605       | 78609       | 78626       | 78649       |
| ## | 0.100029127 | 0.100029127 | 0.111308583 | 0.187033228 | 0.129751541 | 0.424776346 |
| ## | 78659       | 78666       | 78669       | 78670       | 78683       | 78684       |
| ## | 0.155315303 | 0.190922725 | 0.202927790 | 0.202927790 | 0.367770608 | 0.144605389 |
| ## | 78700       | 78702       | 78703       | 78704       | 78714       | 78722       |
| ## | 0.090353378 | 0.154366928 | 0.183152218 | 0.162883828 | 0.197674613 | 0.088252423 |
| ## | 78723       | 78743       | 78744       | 78752       | 78762       | 78766       |
| ## | 0.120528857 | 0.061997650 | 0.132868536 | 0.472927795 | 0.185804168 | 0.096575307 |
| ## | 78784       | 78786       | 78790       | 78794       | 78799       | 78804       |
| ## | 0.195323514 | 0.192991703 | 0.131710506 | 0.073731537 | 0.190922725 | 0.200527821 |
| ## | 78807       | 78815       | 78821       | 78822       | 78828       | 78834       |
| ## | 0.180297963 | 0.174752047 | 0.144605389 | 0.484705563 | 0.194763036 | 0.170090802 |
| ## | 78840       | 78846       | 78850       | 78852       | 78858       | 78859       |
| ## | 0.184348546 | 0.125287911 | 0.091721943 | 0.172224282 | 0.443667437 | 0.172144434 |
| ## | 78863       | 78867       | 78869       | 78871       | 78874       | 78875       |
| ## | 0.182511089 | 0.206109408 | 0.206109408 | 0.206109408 | 0.185804168 | 0.188069374 |
| ## | 78878       | 78883       | 78891       | 78896       | 78900       | 78918       |
| ## | 0.188069374 | 0.175662292 | 0.100336222 | 0.161408245 | 0.192991703 | 0.111308583 |
| ## | 78920       | 78925       | 78926       | 78931       | 78932       | 78945       |
| ## | 0.119641024 | 0.181599965 | 0.181599965 | 0.196157231 | 0.562913975 | 0.192851241 |
| ## | 78947       | 78949       | 78952       | 78953       | 78954       | 78962       |
| ## | 0.179380221 | 0.190922725 | 0.123016328 | 0.086950779 | 0.429176046 | 0.537286796 |
| ## | 78964       | 78969       | 78971       | 78978       | 78983       | 78988       |
| ## | 0.179968538 | 0.103305935 | 0.075333464 | 0.139722051 | 0.100029127 | 0.069284572 |
| ## | 79002       | 79008       | 79011       | 79012       | 79031       | 79034       |
| ## | 0.153183489 | 0.159861498 | 0.127015846 | 0.298601977 | 0.144854418 | 0.144854418 |
| ## | 79035       | 79041       | 79046       | 79048       | 79055       | 79056       |
| ## | 0.144854418 | 0.077833522 | 0.485208063 | 0.464447776 | 0.079769829 | 0.148190107 |
| ## | 79059       | 79069       | 79076       | 79079       | 79087       | 79090       |
| ## | 0.422040332 | 0.511318294 | 0.093792276 | 0.161301278 | 0.139632145 | 0.055855176 |
| ## | 79093       | 79099       | 79101       | 79105       | 79112       | 79118       |
| ## | 0.130600684 | 0.064485540 | 0.146517768 | 0.446155264 | 0.498055616 | 0.475669289 |
| ## | 79122       | 79123       | 79132       | 79141       | 79142       | 79144       |
| ## | 0.062731113 | 0.082681518 | 0.493458936 | 0.144854418 | 0.077833522 | 0.077833522 |
| ## | 79147       | 79148       | 79179       | 79186       | 79194       | 79199       |
| ## | 0.077833522 | 0.077833522 | 0.068678215 | 0.089610256 | 0.113481029 | 0.138385287 |
| ## | 79210       | 79212       | 79215       | 79217       | 79223       | 79236       |
| ## | 0.135059603 | 0.072187988 | 0.135059603 | 0.072187988 | 0.135059603 | 0.139485889 |
| ## | 79245       | 79268       | 79271       | 79272       | 79273       | 79278       |
| ## | 0.138600167 | 0.028403877 | 0.078947746 | 0.146775372 | 0.486401921 | 0.146775372 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 79285       | 79291       | 79298       | 79300       | 79303       | 79307       |
| ## | 0.095040595 | 0.416378899 | 0.075912394 | 0.181686653 | 0.369137982 | 0.112318517 |
| ## | 79311       | 79312       | 79317       | 79321       | 79322       | 79329       |
| ## | 0.061394479 | 0.131775121 | 0.113813065 | 0.413160124 | 0.120878981 | 0.139977009 |
| ## | 79334       | 79341       | 79342       | 79355       | 79357       | 79358       |
| ## | 0.077279492 | 0.141780808 | 0.139977009 | 0.054326259 | 0.091419706 | 0.143168042 |
| ## | 79361       | 79365       | 79375       | 79387       | 79396       | 79400       |
| ## | 0.083660318 | 0.147096472 | 0.163408444 | 0.087685817 | 0.146506291 | 0.148379713 |
| ## | 79403       | 79410       | 79412       | 79416       | 79430       | 79435       |
| ## | 0.157902520 | 0.088210023 | 0.136445193 | 0.170222563 | 0.086123617 | 0.048558744 |
| ## | 79446       | 79449       | 79453       | 79464       | 79465       | 79466       |
| ## | 0.047430965 | 0.076391413 | 0.097010591 | 0.442806695 | 0.148894070 | 0.137256836 |
| ## | 79479       | 79488       | 79489       | 79490       | 79495       | 79496       |
| ## | 0.150054433 | 0.277953716 | 0.198045276 | 0.287251460 | 0.635635240 | 0.081331034 |
| ## | 79497       | 79498       | 79505       | 79507       | 79508       | 79509       |
| ## | 0.181974294 | 0.561217940 | 0.275193303 | 0.267627461 | 0.152102116 | 0.264716433 |
| ## | 79512       | 79515       | 79522       | 79529       | 79531       | 79532       |
| ## | 0.605221770 | 0.631912454 | 0.637902176 | 0.567911975 | 0.273370020 | 0.680784665 |
| ## | 79537       | 79544       | 79557       | 79560       | 79561       | 79567       |
| ## | 0.695886578 | 0.680784665 | 0.188997593 | 0.529052826 | 0.239389550 | 0.643363151 |
| ## | 79571       | 79579       | 79589       | 79595       | 79596       | 79601       |
| ## | 0.251117121 | 0.302832973 | 0.681983463 | 0.646903272 | 0.646903272 | 0.251117121 |
| ## | 79603       | 79605       | 79607       | 79608       | 79610       | 79611       |
| ## | 0.193899885 | 0.642655251 | 0.573039401 | 0.210165717 | 0.576860857 | 0.283947647 |
| ## | 79618       | 79622       | 79624       | 79627       | 79633       | 79639       |
| ## | 0.162399825 | 0.644526196 | 0.198632204 | 0.670147886 | 0.569754062 | 0.280832048 |
| ## | 79640       | 79649       | 79651       | 79652       | 79653       | 79654       |
| ## | 0.280832048 | 0.258856768 | 0.637902176 | 0.623137465 | 0.642481502 | 0.661956111 |
| ## | 79658       | 79661       | 79662       | 79663       | 79666       | 79668       |
| ## | 0.251117121 | 0.239389550 | 0.659551340 | 0.277500485 | 0.645084071 | 0.202131126 |
| ## | 79683       | 79684       | 79686       | 79688       | 79708       | 79709       |
| ## | 0.255536877 | 0.687125778 | 0.668952642 | 0.668952642 | 0.304634908 | 0.703805798 |
| ## | 79715       | 79717       | 79719       | 79720       | 79731       | 79733       |
| ## | 0.669473067 | 0.685340213 | 0.691014864 | 0.300227781 | 0.214878812 | 0.609039577 |
| ## | 79738       | 79744       | 79746       | 79753       | 79756       | 79759       |
| ## | 0.629249594 | 0.303433313 | 0.293618552 | 0.164344385 | 0.639910426 | 0.065883990 |
| ## | 79763       | 79773       | 79778       | 79780       | 79783       | 79784       |
| ## | 0.662152972 | 0.637279367 | 0.279275217 | 0.279275217 | 0.681988694 | 0.281236379 |
| ## | 79791       | 79795       | 79801       | 79811       | 79822       | 79838       |
| ## | 0.703088578 | 0.268046147 | 0.644227959 | 0.682820783 | 0.238687627 | 0.193574989 |
| ## | 79855       | 79858       | 79859       | 79861       | 79867       | 79877       |
| ## | 0.566680196 | 0.167642497 | 0.677789482 | 0.478836816 | 0.671632291 | 0.680314895 |
| ## | 79883       | 79887       | 79890       | 79910       | 79915       | 79920       |
| ## | 0.190255677 | 0.255756917 | 0.550559436 | 0.266922359 | 0.664861217 | 0.664043747 |
| ## | 79921       | 79930       | 79932       | 79933       | 79935       | 79947       |
| ## | 0.664043747 | 0.187299268 | 0.187299268 | 0.187299268 | 0.703088578 | 0.636653911 |
| ## | 79952       | 79953       | 79954       | 79961       | 79962       | 79968       |
| ## | 0.646083616 | 0.646083616 | 0.289571383 | 0.292284170 | 0.292284170 | 0.245253302 |
| ## | 79986       | 79993       | 80003       | 80004       | 80005       | 80007       |
| ## | 0.192562318 | 0.261136515 | 0.251117121 | 0.566680196 | 0.566680196 | 0.566680196 |
| ## | 80010       | 80020       | 80021       | 80024       | 80025       | 80028       |
| ## | 0.566680196 | 0.488012345 | 0.141765224 | 0.643363151 | 0.646023791 | 0.242113772 |
| ## | 80032       | 80039       | 80040       | 80044       | 80049       | 80050       |
| ## | 0.655858279 | 0.688554515 | 0.688554515 | 0.660306860 | 0.264716433 | 0.267627461 |

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| ## | 80051       | 80053       | 80054       | 80055       | 80059       | 80072       |
| ## | 0.648282023 | 0.190255677 | 0.289733579 | 0.117059832 | 0.643363151 | 0.179940471 |
| ## | 80073       | 80084       | 80088       | 80092       | 80094       | 80104       |
| ## | 0.192195518 | 0.305988725 | 0.681983463 | 0.681983463 | 0.689074073 | 0.257208087 |
| ## | 80112       | 80133       | 80136       | 80139       | 80146       | 80155       |
| ## | 0.576860857 | 0.201015190 | 0.174826971 | 0.684833010 | 0.569211063 | 0.676411592 |
| ## | 80160       | 80166       | 80169       | 80181       | 80188       | 80203       |
| ## | 0.661956111 | 0.274182307 | 0.617054346 | 0.176604660 | 0.274514007 | 0.286031332 |
| ## | 80209       | 80210       | 80216       | 80217       | 80221       | 80223       |
| ## | 0.685253385 | 0.287856517 | 0.289543287 | 0.289543287 | 0.166901190 | 0.239389550 |
| ## | 80233       | 80234       | 80235       | 80245       | 80250       | 80251       |
| ## | 0.304634908 | 0.265744586 | 0.669473067 | 0.300227781 | 0.149640532 | 0.147753954 |
| ## | 80252       | 80253       | 80265       | 80270       | 80273       | 80293       |
| ## | 0.159867095 | 0.159867095 | 0.084994666 | 0.273755937 | 0.273755937 | 0.270802898 |
| ## | 80298       | 80303       | 80306       | 80308       | 80309       | 80312       |
| ## | 0.270802898 | 0.273755937 | 0.273755937 | 0.270802898 | 0.270802898 | 0.273755937 |
| ## | 80319       | 80327       | 80338       | 80340       | 80344       | 80348       |
| ## | 0.180756837 | 0.188478323 | 0.270802898 | 0.270802898 | 0.668244815 | 0.273755937 |
| ## | 80350       | 80355       | 80356       | 80358       | 80364       | 80365       |
| ## | 0.662718500 | 0.273755937 | 0.547643389 | 0.551332786 | 0.242616997 | 0.169334549 |
| ## | 80370       | 80395       | 80410       | 80426       | 80432       | 80435       |
| ## | 0.630195354 | 0.158066440 | 0.710006180 | 0.707809782 | 0.305563435 | 0.692567423 |
| ## | 80438       | 80442       | 80443       | 80446       | 80463       | 80464       |
| ## | 0.699526021 | 0.591822017 | 0.781361759 | 0.800952193 | 0.800952193 | 0.781361759 |
| ## | 80473       | 80476       | 80478       | 80481       | 80488       | 80489       |
| ## | 0.411087032 | 0.781361759 | 0.781361759 | 0.781361759 | 0.781361759 | 0.414699846 |
| ## | 80497       | 80507       | 80518       | 80521       | 80523       | 80525       |
| ## | 0.414699846 | 0.414699846 | 0.411087032 | 0.800952193 | 0.781361759 | 0.781361759 |
| ## | 80534       | 80538       | 80542       | 80543       | 80557       | 80564       |
| ## | 0.414699846 | 0.414699846 | 0.414699846 | 0.414699846 | 0.800952193 | 0.781361759 |
| ## | 80570       | 80571       | 80578       | 80579       | 80581       | 80583       |
| ## | 0.781361759 | 0.414699846 | 0.258058418 | 0.414699846 | 0.414699846 | 0.800952193 |
| ## | 80584       | 80587       | 80593       | 80594       | 80597       | 80599       |
| ## | 0.414699846 | 0.258058418 | 0.800952193 | 0.414699846 | 0.414699846 | 0.781361759 |
| ## | 80603       | 80604       | 80615       | 80619       | 80624       | 80627       |
| ## | 0.414699846 | 0.781361759 | 0.781361759 | 0.217083909 | 0.555431935 | 0.672546664 |
| ## | 80630       | 80639       | 80642       | 80648       | 80651       | 80656       |
| ## | 0.310822152 | 0.307638648 | 0.310822152 | 0.719210249 | 0.310822152 | 0.310822152 |
| ## | 80661       | 80665       | 80667       | 80669       | 80671       | 80672       |
| ## | 0.307638648 | 0.307638648 | 0.307638648 | 0.712011876 | 0.310822152 | 0.310822152 |
| ## | 80675       | 80679       | 80694       | 80696       | 80698       | 80727       |
| ## | 0.307638648 | 0.310822152 | 0.310822152 | 0.310822152 | 0.310822152 | 0.588608811 |
| ## | 80728       | 80729       | 80741       | 80743       | 80747       | 80759       |
| ## | 0.201556777 | 0.560107119 | 0.142333408 | 0.475678959 | 0.250597736 | 0.273671365 |
| ## | 80763       | 80769       | 80782       | 80783       | 80792       | 80797       |
| ## | 0.707809782 | 0.305563435 | 0.710006180 | 0.710006180 | 0.305563435 | 0.707809782 |
| ## | 80802       | 80805       | 80808       | 80811       | 80816       | 80822       |
| ## | 0.305563435 | 0.707809782 | 0.699526021 | 0.305563435 | 0.414699846 | 0.411087032 |
| ## | 80825       | 80835       | 80837       | 80845       | 80850       | 80858       |
| ## | 0.414699846 | 0.781361759 | 0.781361759 | 0.414699846 | 0.414699846 | 0.411087032 |
| ## | 80860       | 80862       | 80863       | 80875       | 80882       | 80884       |
| ## | 0.411087032 | 0.414699846 | 0.414699846 | 0.411087032 | 0.781361759 | 0.411087032 |
| ## | 80887       | 80892       | 80895       | 80901       | 80902       | 80905       |
| ## | 0.258058418 | 0.414699846 | 0.258058418 | 0.414699846 | 0.800952193 | 0.800952193 |

|    |             |             |             |             |             |             |
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| ## | 80915       | 80920       | 80927       | 80930       | 80934       | 80937       |
| ## | 0.800952193 | 0.800952193 | 0.663904174 | 0.414699846 | 0.414699846 | 0.414699846 |
| ## | 80942       | 80943       | 80944       | 80950       | 80952       | 80959       |
| ## | 0.800952193 | 0.414699846 | 0.414699846 | 0.781361759 | 0.800952193 | 0.414699846 |
| ## | 80960       | 80964       | 80967       | 80984       | 80985       | 80997       |
| ## | 0.414699846 | 0.594684527 | 0.587868310 | 0.719657297 | 0.721696715 | 0.719210249 |
| ## | 81000       | 81005       | 81006       | 81007       | 81012       | 81030       |
| ## | 0.310822152 | 0.307638648 | 0.310822152 | 0.310822152 | 0.181266072 | 0.307638648 |
| ## | 81037       | 81038       | 81046       | 81059       | 81065       | 81071       |
| ## | 0.719210249 | 0.721696715 | 0.310822152 | 0.310822152 | 0.098677523 | 0.224904661 |
| ## | 81072       | 81085       | 81087       | 81090       | 81109       | 81113       |
| ## | 0.515970754 | 0.169985207 | 0.169985207 | 0.092595887 | 0.175073991 | 0.094353582 |
| ## | 81126       | 81130       | 81135       | 81139       | 81142       | 81143       |
| ## | 0.175073991 | 0.175073991 | 0.175073991 | 0.215589222 | 0.120450703 | 0.215589222 |
| ## | 81145       | 81151       | 81154       | 81165       | 81166       | 81170       |
| ## | 0.215589222 | 0.215589222 | 0.215589222 | 0.613580161 | 0.613580161 | 0.092303912 |
| ## | 81172       | 81174       | 81178       | 81180       | 81184       | 81189       |
| ## | 0.215589222 | 0.215589222 | 0.215589222 | 0.094606921 | 0.098578182 | 0.190967743 |
| ## | 81190       | 81191       | 81195       | 81199       | 81204       | 81205       |
| ## | 0.190967743 | 0.190967743 | 0.181919797 | 0.152575995 | 0.555335160 | 0.555335160 |
| ## | 81214       | 81219       | 81222       | 81227       | 81242       | 81243       |
| ## | 0.518955455 | 0.079765504 | 0.192108318 | 0.180125507 | 0.165331240 | 0.163284827 |
| ## | 81248       | 81250       | 81252       | 81261       | 81264       | 81266       |
| ## | 0.500779745 | 0.397715140 | 0.102829351 | 0.116432955 | 0.117317713 | 0.182619587 |
| ## | 81272       | 81274       | 81276       | 81277       | 81283       | 81285       |
| ## | 0.153262001 | 0.093637266 | 0.099006723 | 0.179880992 | 0.562087923 | 0.552286051 |
| ## | 81288       | 81290       | 81293       | 81305       | 81317       | 81319       |
| ## | 0.104080613 | 0.191364234 | 0.486923521 | 0.218120269 | 0.120450703 | 0.215589222 |
| ## | 81320       | 81322       | 81324       | 81325       | 81335       | 81337       |
| ## | 0.215589222 | 0.215589222 | 0.120450703 | 0.120450703 | 0.151070946 | 0.092227275 |
| ## | 81340       | 81343       | 81347       | 81360       | 81368       | 81370       |
| ## | 0.553472966 | 0.079765504 | 0.189805837 | 0.071964293 | 0.157072468 | 0.165031326 |
| ## | 81371       | 81372       | 81376       | 81392       | 81394       | 81408       |
| ## | 0.112540452 | 0.165331240 | 0.163284827 | 0.124132559 | 0.172098322 | 0.172098322 |
| ## | 81428       | 81434       | 81438       | 81440       | 81444       | 81448       |
| ## | 0.172931971 | 0.172931971 | 0.547901531 | 0.262402683 | 0.136692920 | 0.080993197 |
| ## | 81451       | 81466       | 81468       | 81470       | 81475       | 81477       |
| ## | 0.068219797 | 0.068358376 | 0.129082100 | 0.125066437 | 0.077160829 | 0.129082100 |
| ## | 81483       | 81484       | 81500       | 81501       | 81507       | 81513       |
| ## | 0.065570052 | 0.123444699 | 0.257672733 | 0.257672733 | 0.275444750 | 0.275444750 |
| ## | 81527       | 81530       | 81538       | 81542       | 81547       | 81567       |
| ## | 0.294126880 | 0.294126880 | 0.687951772 | 0.297230588 | 0.297230588 | 0.684743414 |
| ## | 81572       | 81575       | 81591       | 81592       | 81597       | 81600       |
| ## | 0.171926433 | 0.239322209 | 0.271478346 | 0.271478346 | 0.216553434 | 0.167330482 |
| ## | 81602       | 81606       | 81615       | 81620       | 81629       | 81635       |
| ## | 0.265669458 | 0.275444750 | 0.278429080 | 0.278429080 | 0.275444750 | 0.232319802 |
| ## | 81641       | 81643       | 81644       | 81645       | 81647       | 81652       |
| ## | 0.294126880 | 0.297230588 | 0.297230588 | 0.294126880 | 0.294126880 | 0.297230588 |
| ## | 81655       | 81660       | 81663       | 81665       | 81676       | 81677       |
| ## | 0.171926433 | 0.294126880 | 0.171926433 | 0.294126880 | 0.698661725 | 0.294126880 |
| ## | 81678       | 81684       | 81689       | 81693       | 81700       | 81701       |
| ## | 0.294126880 | 0.171926433 | 0.294126880 | 0.297230588 | 0.636442918 | 0.277802625 |
| ## | 81703       | 81705       | 81723       | 81725       | 81726       | 81731       |
| ## | 0.274822453 | 0.667232385 | 0.191563751 | 0.322289476 | 0.325553303 | 0.325553303 |

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| ## | 81732       | 81736       | 81740       | 81744       | 81751       | 81752       |
| ## | 0.708853666 | 0.213841927 | 0.213841927 | 0.111506549 | 0.123423997 | 0.225316321 |
| ## | 81755       | 81765       | 81766       | 81769       | 81771       | 81772       |
| ## | 0.225316321 | 0.183910893 | 0.181860238 | 0.129157945 | 0.232025390 | 0.232025390 |
| ## | 81773       | 81776       | 81778       | 81783       | 81786       | 81789       |
| ## | 0.129157945 | 0.461437240 | 0.121820590 | 0.115530485 | 0.149777075 | 0.233587362 |
| ## | 81794       | 81799       | 81800       | 81804       | 81807       | 81809       |
| ## | 0.129093267 | 0.179653270 | 0.439773285 | 0.156913333 | 0.129093267 | 0.177265647 |
| ## | 81816       | 81818       | 81820       | 81826       | 81828       | 81835       |
| ## | 0.216358119 | 0.119357153 | 0.119357153 | 0.325553303 | 0.322289476 | 0.322289476 |
| ## | 81850       | 81861       | 81863       | 81869       | 81883       | 81903       |
| ## | 0.507347178 | 0.172746529 | 0.172746529 | 0.130369679 | 0.091104060 | 0.130369679 |
| ## | 81904       | 81906       | 81920       | 81922       | 81932       | 81935       |
| ## | 0.451096768 | 0.128689288 | 0.081329861 | 0.081329861 | 0.054987321 | 0.109392401 |
| ## | 81937       | 81953       | 81959       | 81972       | 81992       | 81994       |
| ## | 0.057672438 | 0.073017172 | 0.076382159 | 0.019655349 | 0.156760112 | 0.158740266 |
| ## | 81996       | 82002       | 82008       | 82021       | 82026       | 82027       |
| ## | 0.082998429 | 0.087708446 | 0.099899207 | 0.135261693 | 0.143005878 | 0.144842135 |
| ## | 82028       | 82038       | 82053       | 82054       | 82056       | 82061       |
| ## | 0.144842135 | 0.083049543 | 0.464442386 | 0.079652646 | 0.135949667 | 0.046155036 |
| ## | 82064       | 82065       | 82070       | 82072       | 82079       | 82083       |
| ## | 0.150601665 | 0.148705087 | 0.060707559 | 0.074226949 | 0.156760112 | 0.156760112 |
| ## | 82085       | 82086       | 82095       | 82098       | 82125       | 82128       |
| ## | 0.158740266 | 0.374282095 | 0.080123215 | 0.087708446 | 0.143005878 | 0.049032969 |
| ## | 82132       | 82133       | 82135       | 82139       | 82141       | 82147       |
| ## | 0.083994120 | 0.144206655 | 0.144206655 | 0.141210397 | 0.085369980 | 0.074522454 |
| ## | 82148       | 82152       | 82162       | 82165       | 82168       | 82186       |
| ## | 0.144159006 | 0.080123215 | 0.079652646 | 0.177931234 | 0.177931234 | 0.235522763 |
| ## | 82188       | 82189       | 82190       | 82194       | 82196       | 82197       |
| ## | 0.232849917 | 0.232849917 | 0.233450672 | 0.230794242 | 0.605697259 | 0.130058346 |
| ## | 82200       | 82206       | 82208       | 82217       | 82222       | 82229       |
| ## | 0.233450672 | 0.622901475 | 0.233450672 | 0.366557129 | 0.220147786 | 0.422684180 |
| ## | 82240       | 82245       | 82247       | 82254       | 82263       | 82267       |
| ## | 0.161530067 | 0.161530067 | 0.161530067 | 0.141732140 | 0.155859891 | 0.161285842 |
| ## | 82269       | 82271       | 82274       | 82291       | 82292       | 82302       |
| ## | 0.160635549 | 0.168282743 | 0.526940582 | 0.161823591 | 0.161823591 | 0.165877265 |
| ## | 82306       | 82307       | 82308       | 82330       | 82332       | 82336       |
| ## | 0.165877265 | 0.167949646 | 0.518910403 | 0.081380123 | 0.128796401 | 0.082888887 |
| ## | 82342       | 82343       | 82344       | 82346       | 82350       | 82361       |
| ## | 0.155461425 | 0.155461425 | 0.153514708 | 0.324741073 | 0.148086740 | 0.140971991 |
| ## | 82363       | 82370       | 82373       | 82376       | 82377       | 82382       |
| ## | 0.140971991 | 0.105923840 | 0.134919373 | 0.132138064 | 0.140971991 | 0.139176813 |
| ## | 82392       | 82395       | 82399       | 82410       | 82416       | 82419       |
| ## | 0.161810582 | 0.177931234 | 0.177931234 | 0.180509436 | 0.544360626 | 0.178315289 |
| ## | 82422       | 82424       | 82427       | 82428       | 82429       | 82437       |
| ## | 0.558794778 | 0.534490576 | 0.097579378 | 0.534490576 | 0.180509436 | 0.106824116 |
| ## | 82441       | 82448       | 82456       | 82463       | 82464       | 82466       |
| ## | 0.144877083 | 0.134841667 | 0.093033262 | 0.165877265 | 0.090155030 | 0.165877265 |
| ## | 82467       | 82475       | 82478       | 82480       | 82484       | 82488       |
| ## | 0.525284681 | 0.167949646 | 0.165877265 | 0.165877265 | 0.090155030 | 0.165877265 |
| ## | 82490       | 82491       | 82496       | 82511       | 82515       | 82518       |
| ## | 0.165877265 | 0.090155030 | 0.165877265 | 0.145656839 | 0.163842137 | 0.235522763 |
| ## | 82520       | 82533       | 82539       | 82541       | 82545       | 82546       |
| ## | 0.625090242 | 0.233450672 | 0.099921508 | 0.230794242 | 0.130058346 | 0.230794242 |

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| ## | 82547       | 82548       | 82550       | 82552       | 82554       | 82555       |
| ## | 0.230794242 | 0.233450672 | 0.230794242 | 0.230794242 | 0.233450672 | 0.099921508 |
| ## | 82569       | 82581       | 82587       | 82597       | 82598       | 82599       |
| ## | 0.222717157 | 0.150311964 | 0.180121692 | 0.147511051 | 0.097579378 | 0.178624689 |
| ## | 82602       | 82604       | 82607       | 82640       | 82643       | 82644       |
| ## | 0.445989400 | 0.138762328 | 0.189598511 | 0.192057416 | 0.192057416 | 0.189755402 |
| ## | 82648       | 82652       | 82654       | 82659       | 82667       | 82668       |
| ## | 0.182278807 | 0.102287995 | 0.078009016 | 0.188384401 | 0.424156441 | 0.059550740 |
| ## | 82669       | 82670       | 82687       | 82688       | 82690       | 82694       |
| ## | 0.114253184 | 0.059550740 | 0.172534417 | 0.520815665 | 0.092853119 | 0.170417050 |
| ## | 82695       | 82697       | 82702       | 82703       | 82704       | 82705       |
| ## | 0.170417050 | 0.172534417 | 0.336601740 | 0.043999291 | 0.303621886 | 0.182144520 |
| ## | 82709       | 82711       | 82713       | 82714       | 82726       | 82728       |
| ## | 0.533522815 | 0.179934862 | 0.474654879 | 0.139716819 | 0.101673971 | 0.170283621 |
| ## | 82737       | 82742       | 82746       | 82759       | 82764       | 82768       |
| ## | 0.532896933 | 0.177378963 | 0.081301002 | 0.078864519 | 0.098401712 | 0.090859762 |
| ## | 82776       | 82778       | 82793       | 82798       | 82810       | 82814       |
| ## | 0.149891442 | 0.078451299 | 0.096566885 | 0.096566885 | 0.090072154 | 0.090072154 |
| ## | 82819       | 82820       | 82821       | 82833       | 82837       | 82839       |
| ## | 0.172704351 | 0.172704351 | 0.170585328 | 0.179223437 | 0.143366387 | 0.176829524 |
| ## | 82842       | 82849       | 82851       | 82853       | 82856       | 82859       |
| ## | 0.084717463 | 0.156658990 | 0.158638107 | 0.156658990 | 0.064310240 | 0.156658990 |
| ## | 82860       | 82863       | 82881       | 82883       | 82889       | 82894       |
| ## | 0.141832851 | 0.109695064 | 0.543282827 | 0.543282827 | 0.538516120 | 0.532896933 |
| ## | 82896       | 82897       | 82900       | 82906       | 82914       | 82916       |
| ## | 0.177378963 | 0.177378963 | 0.086409460 | 0.179215237 | 0.410450079 | 0.106581526 |
| ## | 82918       | 82924       | 82928       | 82937       | 82947       | 82957       |
| ## | 0.111543116 | 0.169149436 | 0.096450950 | 0.474776113 | 0.173177521 | 0.531615294 |
| ## | 82963       | 82964       | 82990       | 82994       | 82995       | 83000       |
| ## | 0.540436168 | 0.096566885 | 0.536029348 | 0.179223437 | 0.179223437 | 0.179223437 |
| ## | 83002       | 83021       | 83043       | 83050       | 83052       | 83063       |
| ## | 0.176829524 | 0.156658990 | 0.315721723 | 0.315721723 | 0.255039997 | 0.286625542 |
| ## | 83073       | 83074       | 83075       | 83089       | 83105       | 83112       |
| ## | 0.291308142 | 0.244186316 | 0.276486382 | 0.261893334 | 0.266330912 | 0.248271850 |
| ## | 83126       | 83130       | 83140       | 83142       | 83149       | 83150       |
| ## | 0.289986773 | 0.274659709 | 0.286557799 | 0.672812226 | 0.166759143 | 0.289614406 |
| ## | 83152       | 83153       | 83161       | 83168       | 83170       | 83171       |
| ## | 0.649961994 | 0.652379674 | 0.281798292 | 0.290728797 | 0.198276669 | 0.200656458 |
| ## | 83173       | 83177       | 83178       | 83184       | 83187       | 83189       |
| ## | 0.270933365 | 0.270933365 | 0.671197638 | 0.591526621 | 0.684264093 | 0.283327399 |
| ## | 83199       | 83202       | 83209       | 83217       | 83219       | 83229       |
| ## | 0.315721723 | 0.140879928 | 0.173815621 | 0.234490915 | 0.137132547 | 0.687750586 |
| ## | 83230       | 83234       | 83236       | 83242       | 83251       | 83252       |
| ## | 0.286625542 | 0.204782075 | 0.288887061 | 0.192675436 | 0.266330912 | 0.266330912 |
| ## | 83253       | 83254       | 83257       | 83258       | 83269       | 83271       |
| ## | 0.263428915 | 0.266330912 | 0.266330912 | 0.266330912 | 0.289986773 | 0.289986773 |
| ## | 83272       | 83289       | 83292       | 83296       | 83297       | 83300       |
| ## | 0.167010686 | 0.286557799 | 0.289614406 | 0.286557799 | 0.286557799 | 0.289614406 |
| ## | 83301       | 83308       | 83311       | 83312       | 83315       | 83317       |
| ## | 0.286557799 | 0.286557799 | 0.252213486 | 0.255034711 | 0.255034711 | 0.158718580 |
| ## | 83320       | 83324       | 83325       | 83340       | 83341       | 83347       |
| ## | 0.066068345 | 0.136757212 | 0.155081707 | 0.155081707 | 0.157044608 | 0.050182959 |
| ## | 83349       | 83350       | 83351       | 83353       | 83357       | 83364       |
| ## | 0.147834616 | 0.147834616 | 0.147834616 | 0.142261921 | 0.146130538 | 0.158699007 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 83367       | 83383       | 83385       | 83386       | 83390       | 83399       |
| ## | 0.153115708 | 0.048090085 | 0.089120804 | 0.084258279 | 0.339429057 | 0.079162869 |
| ## | 83400       | 83403       | 83405       | 83411       | 83412       | 83418       |
| ## | 0.079577837 | 0.157055768 | 0.157055768 | 0.090338090 | 0.089120804 | 0.150997842 |
| ## | 83425       | 83431       | 83433       | 83436       | 83444       | 83453       |
| ## | 0.108792249 | 0.192529373 | 0.190223034 | 0.049918068 | 0.413308424 | 0.206904065 |
| ## | 83454       | 83455       | 83461       | 83469       | 83470       | 83471       |
| ## | 0.206904065 | 0.206904065 | 0.212951323 | 0.114841949 | 0.114841949 | 0.114841949 |
| ## | 83480       | 83491       | 83504       | 83510       | 83512       | 83513       |
| ## | 0.186781107 | 0.334164768 | 0.330856959 | 0.197669721 | 0.149464279 | 0.334164768 |
| ## | 83520       | 83533       | 83545       | 83546       | 83556       | 83557       |
| ## | 0.334164768 | 0.207275053 | 0.237921460 | 0.102175952 | 0.102175952 | 0.611608982 |
| ## | 83560       | 83562       | 83567       | 83571       | 83577       | 83580       |
| ## | 0.507161398 | 0.507161398 | 0.143089468 | 0.215314018 | 0.209044482 | 0.197669721 |
| ## | 83582       | 83587       | 83598       | 83605       | 83607       | 83608       |
| ## | 0.330856959 | 0.334164768 | 0.334164768 | 0.330856959 | 0.733420318 | 0.334164768 |
| ## | 83611       | 83613       | 83617       | 83620       | 83630       | 83632       |
| ## | 0.330856959 | 0.330856959 | 0.330856959 | 0.334164768 | 0.330856959 | 0.330856959 |
| ## | 83636       | 83642       | 83643       | 83660       | 83662       | 83664       |
| ## | 0.330856959 | 0.209360363 | 0.206904065 | 0.227911793 | 0.230544989 | 0.084703154 |
| ## | 83667       | 83670       | 83686       | 83701       | 83706       | 83710       |
| ## | 0.206590922 | 0.084703154 | 0.352051673 | 0.149017340 | 0.338461328 | 0.719745360 |
| ## | 83713       | 83717       | 83722       | 83730       | 83732       | 83737       |
| ## | 0.734967394 | 0.134722879 | 0.283797797 | 0.310725266 | 0.310725266 | 0.310725266 |
| ## | 83738       | 83740       | 83748       | 83749       | 83750       | 83752       |
| ## | 0.313926229 | 0.310725266 | 0.608507645 | 0.328683709 | 0.325403641 | 0.325403641 |
| ## | 83756       | 83765       | 83766       | 83767       | 83768       | 83777       |
| ## | 0.293846256 | 0.354581633 | 0.354581633 | 0.354581633 | 0.354581633 | 0.214911320 |
| ## | 83778       | 83787       | 83795       | 83796       | 83800       | 83801       |
| ## | 0.164036882 | 0.201619799 | 0.219799137 | 0.364630418 | 0.331629232 | 0.325377989 |
| ## | 83802       | 83804       | 83809       | 83811       | 83812       | 83814       |
| ## | 0.322115081 | 0.350490525 | 0.350490525 | 0.350490525 | 0.350490525 | 0.353890811 |
| ## | 83818       | 83819       | 83826       | 83828       | 83829       | 83840       |
| ## | 0.324926766 | 0.328204366 | 0.306984777 | 0.309563612 | 0.329422838 | 0.311405155 |
| ## | 83842       | 83845       | 83848       | 83854       | 83858       | 83865       |
| ## | 0.295401342 | 0.314392021 | 0.317613352 | 0.314392021 | 0.185990508 | 0.716272917 |
| ## | 83869       | 83880       | 83882       | 83884       | 83888       | 83890       |
| ## | 0.482925788 | 0.482925788 | 0.482925788 | 0.479205233 | 0.482925788 | 0.482925788 |
| ## | 83897       | 83898       | 83910       | 83914       | 83915       | 83919       |
| ## | 0.479205233 | 0.482925788 | 0.479205233 | 0.482925788 | 0.314354772 | 0.314354772 |
| ## | 83922       | 83932       | 83943       | 83951       | 83955       | 83956       |
| ## | 0.482925788 | 0.482925788 | 0.482925788 | 0.479205233 | 0.479205233 | 0.314354772 |
| ## | 83958       | 83961       | 83962       | 83968       | 83971       | 83974       |
| ## | 0.482925788 | 0.479205233 | 0.479205233 | 0.479205233 | 0.314354772 | 0.834832630 |
| ## | 83982       | 83989       | 83990       | 83995       | 83996       | 83999       |
| ## | 0.479205233 | 0.314354772 | 0.479205233 | 0.482925788 | 0.482925788 | 0.479205233 |
| ## | 84001       | 84003       | 84017       | 84018       | 84022       | 84024       |
| ## | 0.479205233 | 0.482925788 | 0.479205233 | 0.479205233 | 0.482925788 | 0.827477537 |
| ## | 84029       | 84032       | 84035       | 84036       | 84045       | 84050       |
| ## | 0.482925788 | 0.479205233 | 0.482925788 | 0.835137792 | 0.340326300 | 0.201321104 |
| ## | 84051       | 84052       | 84053       | 84056       | 84065       | 84068       |
| ## | 0.339271332 | 0.339271332 | 0.201321104 | 0.331291727 | 0.169615442 | 0.352251953 |
| ## | 84069       | 84079       | 84082       | 84083       | 84092       | 84093       |
| ## | 0.313184618 | 0.739786560 | 0.343902634 | 0.340547734 | 0.214341788 | 0.150713614 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 84094       | 84108       | 84115       | 84117       | 84118       | 84122       |
| ## | 0.326192980 | 0.310329337 | 0.347604620 | 0.628906588 | 0.319140382 | 0.312315815 |
| ## | 84128       | 84131       | 84138       | 84140       | 84141       | 84143       |
| ## | 0.349709072 | 0.330942246 | 0.330942246 | 0.358633418 | 0.362068665 | 0.358633418 |
| ## | 84146       | 84153       | 84159       | 84161       | 84164       | 84167       |
| ## | 0.145126564 | 0.314517745 | 0.330942246 | 0.330942246 | 0.330942246 | 0.731409834 |
| ## | 84168       | 84173       | 84179       | 84182       | 84188       | 84194       |
| ## | 0.730974521 | 0.317739768 | 0.317739768 | 0.716391425 | 0.319431087 | 0.150949457 |
| ## | 84197       | 84198       | 84202       | 84204       | 84206       | 84211       |
| ## | 0.207919692 | 0.207919692 | 0.348418951 | 0.348418951 | 0.348418951 | 0.348418951 |
| ## | 84212       | 84214       | 84229       | 84230       | 84237       | 84238       |
| ## | 0.329604448 | 0.323179288 | 0.307176260 | 0.327684332 | 0.665673407 | 0.315542067 |
| ## | 84245       | 84260       | 84261       | 84266       | 84274       | 84275       |
| ## | 0.347304530 | 0.321412321 | 0.321412321 | 0.191649949 | 0.340667422 | 0.204739314 |
| ## | 84289       | 84290       | 84304       | 84309       | 84320       | 84323       |
| ## | 0.452154972 | 0.452154972 | 0.288335431 | 0.448465872 | 0.448465872 | 0.448465872 |
| ## | 84326       | 84327       | 84333       | 84340       | 84346       | 84353       |
| ## | 0.343485743 | 0.185973118 | 0.393659704 | 0.393659704 | 0.778829041 | 0.185973118 |
| ## | 84358       | 84364       | 84369       | 84370       | 84376       | 84379       |
| ## | 0.390108018 | 0.241683971 | 0.393659704 | 0.393659704 | 0.390108018 | 0.390108018 |
| ## | 84383       | 84386       | 84393       | 84406       | 84413       | 84420       |
| ## | 0.390108018 | 0.778447302 | 0.390108018 | 0.778829041 | 0.330907596 | 0.615954142 |
| ## | 84422       | 84423       | 84438       | 84440       | 84441       | 84450       |
| ## | 0.333542229 | 0.333542229 | 0.719848497 | 0.352773060 | 0.225342456 | 0.368609033 |
| ## | 84453       | 84458       | 84460       | 84463       | 84466       | 84467       |
| ## | 0.368609033 | 0.368609033 | 0.762296284 | 0.321910330 | 0.359110375 | 0.359110375 |
| ## | 84477       | 84490       | 84495       | 84501       | 84503       | 84506       |
| ## | 0.359110375 | 0.363485719 | 0.345655470 | 0.316815511 | 0.226854880 | 0.194665973 |
| ## | 84517       | 84523       | 84527       | 84533       | 84541       | 84544       |
| ## | 0.334332608 | 0.232757638 | 0.317698440 | 0.333732828 | 0.204652558 | 0.340547734 |
| ## | 84545       | 84557       | 84562       | 84568       | 84573       | 84581       |
| ## | 0.204652558 | 0.338461328 | 0.312812235 | 0.170319027 | 0.352051673 | 0.479205233 |
| ## | 84585       | 84586       | 84595       | 84596       | 84599       | 84603       |
| ## | 0.482925788 | 0.479205233 | 0.479205233 | 0.314354772 | 0.314354772 | 0.479205233 |
| ## | 84617       | 84618       | 84626       | 84629       | 84643       | 84647       |
| ## | 0.482925788 | 0.314354772 | 0.479205233 | 0.479205233 | 0.479205233 | 0.482925788 |
| ## | 84648       | 84653       | 84671       | 84677       | 84686       | 84688       |
| ## | 0.479205233 | 0.482925788 | 0.314354772 | 0.479205233 | 0.479205233 | 0.479205233 |
| ## | 84690       | 84692       | 84697       | 84700       | 84705       | 84706       |
| ## | 0.323925903 | 0.217731351 | 0.290763267 | 0.201321121 | 0.214911320 | 0.354581633 |
| ## | 84707       | 84708       | 84710       | 84717       | 84719       | 84724       |
| ## | 0.354581633 | 0.354581633 | 0.357999733 | 0.354581633 | 0.146938825 | 0.344829711 |
| ## | 84737       | 84743       | 84745       | 84759       | 84761       | 84764       |
| ## | 0.364630418 | 0.756442375 | 0.334940896 | 0.353890811 | 0.353890811 | 0.733168609 |
| ## | 84765       | 84777       | 84780       | 84784       | 84787       | 84800       |
| ## | 0.328542669 | 0.326138977 | 0.326779697 | 0.319399394 | 0.320713225 | 0.140735037 |
| ## | 84801       | 84814       | 84820       | 84822       | 84824       | 84826       |
| ## | 0.314392021 | 0.716272917 | 0.482925788 | 0.479205233 | 0.479205233 | 0.314354772 |
| ## | 84829       | 84834       | 84844       | 84845       | 84850       | 84852       |
| ## | 0.482925788 | 0.479205233 | 0.829594788 | 0.482925788 | 0.314354772 | 0.482925788 |
| ## | 84854       | 84883       | 84887       | 84889       | 84894       | 84897       |
| ## | 0.482925788 | 0.452154972 | 0.225062508 | 0.448465872 | 0.448465872 | 0.231273148 |
| ## | 84898       | 84905       | 84906       | 84907       | 84908       | 84921       |
| ## | 0.448465872 | 0.310329337 | 0.701091629 | 0.232757638 | 0.230106727 | 0.330427173 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 84933       | 84937       | 84943       | 84944       | 84953       | 84956       |
| ## | 0.479205233 | 0.479205233 | 0.482925788 | 0.314354772 | 0.321072718 | 0.339271332 |
| ## | 84973       | 84979       | 84984       | 84986       | 84989       | 84995       |
| ## | 0.336329859 | 0.390108018 | 0.393659704 | 0.390108018 | 0.241683971 | 0.393659704 |
| ## | 84997       | 85000       | 85003       | 85004       | 85013       | 85018       |
| ## | 0.390108018 | 0.390108018 | 0.331291727 | 0.725828094 | 0.137120827 | 0.355659970 |
| ## | 85021       | 85022       | 85026       | 85030       | 85035       | 85042       |
| ## | 0.324157040 | 0.188604366 | 0.338233815 | 0.204652558 | 0.221748530 | 0.778447302 |
| ## | 85045       | 85053       | 85054       | 85058       | 85059       | 85064       |
| ## | 0.390108018 | 0.390108018 | 0.241683971 | 0.393659704 | 0.393659704 | 0.390108018 |
| ## | 85076       | 85078       | 85082       | 85086       | 85089       | 85093       |
| ## | 0.224011240 | 0.199593967 | 0.279362543 | 0.321749460 | 0.323915288 | 0.331412322 |
| ## | 85098       | 85102       | 85107       | 85108       | 85110       | 85111       |
| ## | 0.334843159 | 0.305320675 | 0.322867899 | 0.191974016 | 0.390108018 | 0.769275250 |
| ## | 85117       | 85118       | 85120       | 85123       | 85128       | 85135       |
| ## | 0.393659704 | 0.241683971 | 0.390108018 | 0.241683971 | 0.393659704 | 0.393659704 |
| ## | 85138       | 85144       | 85145       | 85146       | 85150       | 85151       |
| ## | 0.393659704 | 0.241683971 | 0.143388677 | 0.347604620 | 0.325842139 | 0.327240214 |
| ## | 85154       | 85165       | 85166       | 85174       | 85175       | 85177       |
| ## | 0.314517745 | 0.321596740 | 0.316857034 | 0.348418951 | 0.345043163 | 0.207919692 |
| ## | 85183       | 85199       | 85200       | 85212       | 85218       | 85223       |
| ## | 0.330907596 | 0.323516399 | 0.321149433 | 0.372084399 | 0.735961996 | 0.319927972 |
| ## | 85233       | 85239       | 85243       | 85246       | 85247       | 85250       |
| ## | 0.189891721 | 0.207985505 | 0.321881913 | 0.327684332 | 0.330976110 | 0.326779697 |
| ## | 85251       | 85256       | 85262       | 85263       | 85264       | 85268       |
| ## | 0.152251341 | 0.368609033 | 0.368609033 | 0.368609033 | 0.368609033 | 0.372084399 |
| ## | 85269       | 85275       | 85293       | 85301       | 85303       | 85306       |
| ## | 0.762296284 | 0.368609033 | 0.312332128 | 0.345993836 | 0.347304530 | 0.347304530 |
| ## | 85308       | 85317       | 85318       | 85322       | 85324       | 85329       |
| ## | 0.347304530 | 0.328619441 | 0.325339704 | 0.331988453 | 0.739462668 | 0.082363074 |
| ## | 85330       | 85347       | 85352       | 85353       | 85354       | 85356       |
| ## | 0.201204673 | 0.199967103 | 0.199967103 | 0.199967103 | 0.199967103 | 0.197593469 |
| ## | 85362       | 85365       | 85366       | 85383       | 85389       | 85392       |
| ## | 0.197593469 | 0.197593469 | 0.574954668 | 0.219004890 | 0.218488187 | 0.237863790 |
| ## | 85396       | 85409       | 85411       | 85418       | 85421       | 85431       |
| ## | 0.079736503 | 0.158219140 | 0.186191814 | 0.585919839 | 0.173661322 | 0.571407397 |
| ## | 85439       | 85441       | 85446       | 85450       | 85452       | 85453       |
| ## | 0.072204141 | 0.184511830 | 0.550411300 | 0.587250141 | 0.203564524 | 0.201158925 |
| ## | 85464       | 85471       | 85472       | 85476       | 85487       | 85488       |
| ## | 0.205122811 | 0.199789413 | 0.189202124 | 0.197618425 | 0.114471142 | 0.080954464 |
| ## | 85491       | 85493       | 85495       | 85498       | 85501       | 85505       |
| ## | 0.168825182 | 0.568935037 | 0.586257468 | 0.559170442 | 0.201983811 | 0.191764734 |
| ## | 85514       | 85523       | 85530       | 85535       | 85540       | 85541       |
| ## | 0.182556635 | 0.577320254 | 0.201158925 | 0.544397918 | 0.076624187 | 0.169886846 |
| ## | 85546       | 85550       | 85551       | 85552       | 85561       | 85575       |
| ## | 0.531114698 | 0.179480357 | 0.169317566 | 0.524307149 | 0.466476188 | 0.066120375 |
| ## | 85596       | 85597       | 85598       | 85600       | 85601       | 85603       |
| ## | 0.158909796 | 0.121007872 | 0.177816696 | 0.177143905 | 0.177143905 | 0.132104557 |
| ## | 85609       | 85618       | 85626       | 85633       | 85639       | 85640       |
| ## | 0.175422095 | 0.160951758 | 0.135106634 | 0.109137867 | 0.171591607 | 0.173720512 |
| ## | 85649       | 85654       | 85656       | 85657       | 85672       | 85677       |
| ## | 0.153693615 | 0.150958736 | 0.500641023 | 0.094324332 | 0.175368843 | 0.534318099 |
| ## | 85679       | 85680       | 85686       | 85691       | 85693       | 85699       |
| ## | 0.463634817 | 0.153475833 | 0.132104557 | 0.494490389 | 0.158008522 | 0.084351833 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 85704       | 85705       | 85708       | 85712       | 85714       | 85716       |
| ## | 0.084351833 | 0.084351833 | 0.084351833 | 0.151437529 | 0.168233681 | 0.157315703 |
| ## | 85723       | 85726       | 85732       | 85739       | 85745       | 85752       |
| ## | 0.094038946 | 0.175904978 | 0.175904978 | 0.175368843 | 0.176765385 | 0.086530220 |
| ## | 85754       | 85756       | 85762       | 85770       | 85773       | 85776       |
| ## | 0.511057088 | 0.087980560 | 0.156430215 | 0.166150225 | 0.169073550 | 0.163413026 |
| ## | 85777       | 85779       | 85782       | 85788       | 85789       | 85799       |
| ## | 0.161385765 | 0.195172958 | 0.106380669 | 0.146931539 | 0.166735465 | 0.080148332 |
| ## | 85806       | 85815       | 85821       | 85826       | 85827       | 85849       |
| ## | 0.090919632 | 0.200455908 | 0.096202498 | 0.114502653 | 0.110595365 | 0.150031415 |
| ## | 85850       | 85858       | 85862       | 85863       | 85865       | 85866       |
| ## | 0.079741137 | 0.108161232 | 0.064316143 | 0.087867432 | 0.148140767 | 0.079741137 |
| ## | 85882       | 85885       | 85895       | 85897       | 85908       | 85916       |
| ## | 0.028907894 | 0.087252050 | 0.051962206 | 0.139631001 | 0.353440170 | 0.441557779 |
| ## | 85919       | 85921       | 85924       | 85929       | 85935       | 85946       |
| ## | 0.441557779 | 0.441557779 | 0.563324422 | 0.196025928 | 0.203753831 | 0.573071441 |
| ## | 85947       | 85948       | 85949       | 85955       | 85958       | 85968       |
| ## | 0.587285636 | 0.196025928 | 0.044286290 | 0.461202870 | 0.052412462 | 0.265834279 |
| ## | 85969       | 85989       | 85991       | 85993       | 85999       | 86003       |
| ## | 0.265834279 | 0.265834279 | 0.117995778 | 0.102386129 | 0.184481696 | 0.173665704 |
| ## | 86004       | 86005       | 86010       | 86016       | 86018       | 86033       |
| ## | 0.171537331 | 0.173665704 | 0.148477064 | 0.189617980 | 0.561920374 | 0.185904894 |
| ## | 86034       | 86035       | 86039       | 86042       | 86043       | 86047       |
| ## | 0.188171044 | 0.188171044 | 0.185904894 | 0.165200361 | 0.293070573 | 0.160564060 |
| ## | 86050       | 86051       | 86053       | 86054       | 86057       | 86059       |
| ## | 0.153047711 | 0.111734615 | 0.462981386 | 0.080279929 | 0.145252708 | 0.435002315 |
| ## | 86060       | 86075       | 86080       | 86091       | 86092       | 86098       |
| ## | 0.179033481 | 0.100745045 | 0.183567392 | 0.132783796 | 0.169095764 | 0.265834279 |
| ## | 86099       | 86109       | 86117       | 86121       | 86131       | 86133       |
| ## | 0.649588643 | 0.152843265 | 0.152843265 | 0.677284998 | 0.095494824 | 0.161817666 |
| ## | 86139       | 86144       | 86149       | 86158       | 86159       | 86168       |
| ## | 0.174840161 | 0.079024790 | 0.158927925 | 0.084664995 | 0.322040559 | 0.412931130 |
| ## | 86172       | 86191       | 86194       | 86196       | 86198       | 86202       |
| ## | 0.077676138 | 0.187676405 | 0.185414851 | 0.094640003 | 0.144231929 | 0.126732134 |
| ## | 86203       | 86207       | 86211       | 86213       | 86221       | 86226       |
| ## | 0.067016940 | 0.144359183 | 0.130095300 | 0.138305599 | 0.133377051 | 0.133377051 |
| ## | 86228       | 86235       | 86241       | 86243       | 86244       | 86248       |
| ## | 0.071224184 | 0.133377051 | 0.133377051 | 0.133377051 | 0.135109162 | 0.138305599 |
| ## | 86262       | 86267       | 86268       | 86269       | 86272       | 86275       |
| ## | 0.138712088 | 0.137905239 | 0.097686579 | 0.067603972 | 0.351059417 | 0.099008145 |
| ## | 86285       | 86295       | 86299       | 86301       | 86303       | 86306       |
| ## | 0.099740876 | 0.063397671 | 0.152533832 | 0.151115627 | 0.081473813 | 0.099443937 |
| ## | 86310       | 86315       | 86318       | 86337       | 86344       | 86354       |
| ## | 0.088024117 | 0.095900077 | 0.138712088 | 0.129645682 | 0.069228958 | 0.240893237 |
| ## | 86366       | 86373       | 86375       | 86377       | 86384       | 86386       |
| ## | 0.218633945 | 0.219070895 | 0.221101359 | 0.219977030 | 0.199271850 | 0.592519319 |
| ## | 86387       | 86389       | 86390       | 86392       | 86394       | 86400       |
| ## | 0.592519319 | 0.211023980 | 0.211023980 | 0.211023980 | 0.606580249 | 0.207418684 |
| ## | 86404       | 86407       | 86408       | 86409       | 86411       | 86417       |
| ## | 0.200394791 | 0.225652362 | 0.225652362 | 0.228267172 | 0.568673531 | 0.222128568 |
| ## | 86426       | 86431       | 86442       | 86448       | 86452       | 86453       |
| ## | 0.171230777 | 0.161955933 | 0.231523723 | 0.227456644 | 0.597646401 | 0.597646401 |
| ## | 86459       | 86460       | 86461       | 86467       | 86470       | 86483       |
| ## | 0.183987861 | 0.235506169 | 0.232833454 | 0.229182867 | 0.597349275 | 0.158484805 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 86490       | 86492       | 86495       | 86498       | 86510       | 86513       |
| ## | 0.167452793 | 0.167452793 | 0.167452793 | 0.167452793 | 0.271037059 | 0.271037059 |
| ## | 86543       | 86547       | 86548       | 86549       | 86558       | 86565       |
| ## | 0.671801973 | 0.156305452 | 0.271037059 | 0.273991692 | 0.273991692 | 0.674144433 |
| ## | 86566       | 86575       | 86587       | 86590       | 86591       | 86592       |
| ## | 0.273991692 | 0.271037059 | 0.235243922 | 0.156463782 | 0.452668859 | 0.184161398 |
| ## | 86598       | 86599       | 86600       | 86608       | 86609       | 86611       |
| ## | 0.240893237 | 0.238178432 | 0.623232885 | 0.224714394 | 0.224714394 | 0.222128568 |
| ## | 86626       | 86630       | 86638       | 86649       | 86650       | 86659       |
| ## | 0.193282615 | 0.171230777 | 0.075556805 | 0.228882673 | 0.211426727 | 0.218756312 |
| ## | 86662       | 86672       | 86673       | 86674       | 86676       | 86681       |
| ## | 0.232833454 | 0.226560647 | 0.182594607 | 0.574886571 | 0.212272517 | 0.235802245 |
| ## | 86682       | 86684       | 86692       | 86696       | 86698       | 86704       |
| ## | 0.628461138 | 0.133259167 | 0.158484805 | 0.167452793 | 0.089863464 | 0.271037059 |
| ## | 86709       | 86710       | 86712       | 86723       | 86729       | 86730       |
| ## | 0.238178432 | 0.271037059 | 0.273991692 | 0.156305452 | 0.674144433 | 0.156305452 |
| ## | 86732       | 86733       | 86737       | 86742       | 86743       | 86753       |
| ## | 0.271037059 | 0.156305452 | 0.273991692 | 0.273991692 | 0.674144433 | 0.271037059 |
| ## | 86754       | 86761       | 86767       | 86774       | 86778       | 86782       |
| ## | 0.273991692 | 0.237935726 | 0.144911417 | 0.215657267 | 0.271037059 | 0.107132925 |
| ## | 86783       | 86789       | 86790       | 86792       | 86798       | 86802       |
| ## | 0.079198338 | 0.178234545 | 0.203866557 | 0.583984677 | 0.580857423 | 0.201458291 |
| ## | 86807       | 86812       | 86820       | 86822       | 86833       | 86850       |
| ## | 0.580857423 | 0.203866557 | 0.504726421 | 0.525176929 | 0.559712416 | 0.200929671 |
| ## | 86862       | 86864       | 86868       | 86869       | 86874       | 86883       |
| ## | 0.551164846 | 0.184608370 | 0.464886924 | 0.468087087 | 0.424673524 | 0.583984677 |
| ## | 86894       | 86897       | 86899       | 86906       | 86908       | 86911       |
| ## | 0.580857423 | 0.111667947 | 0.583984677 | 0.201458291 | 0.451212712 | 0.163204459 |
| ## | 86923       | 86924       | 86929       | 86930       | 86936       | 86937       |
| ## | 0.559712416 | 0.188244303 | 0.198547447 | 0.200929671 | 0.200929671 | 0.576421753 |
| ## | 86939       | 86940       | 86945       | 86952       | 86954       | 86973       |
| ## | 0.200929671 | 0.200929671 | 0.200929671 | 0.150098547 | 0.162655605 | 0.127660251 |
| ## | 86982       | 86985       | 86986       | 86987       | 86995       | 87001       |
| ## | 0.107132925 | 0.196415089 | 0.107132925 | 0.196415089 | 0.178234545 | 0.413184360 |
| ## | 87005       | 87012       | 87013       | 87014       | 87015       | 87029       |
| ## | 0.086953872 | 0.113179991 | 0.086339913 | 0.117450069 | 0.052678438 | 0.128628734 |
| ## | 87031       | 87033       | 87046       | 87070       | 87073       | 87083       |
| ## | 0.154679946 | 0.125779793 | 0.415896418 | 0.146719459 | 0.146719459 | 0.127634189 |
| ## | 87085       | 87094       | 87096       | 87112       | 87119       | 87122       |
| ## | 0.208875564 | 0.202885517 | 0.204898655 | 0.122495132 | 0.199888513 | 0.084613202 |
| ## | 87124       | 87125       | 87133       | 87140       | 87152       | 87160       |
| ## | 0.199888513 | 0.199888513 | 0.183130337 | 0.065398458 | 0.170810884 | 0.189539608 |
| ## | 87162       | 87163       | 87166       | 87173       | 87179       | 87182       |
| ## | 0.088996490 | 0.209332454 | 0.467652776 | 0.133386474 | 0.443266011 | 0.123477807 |
| ## | 87184       | 87187       | 87191       | 87193       | 87196       | 87202       |
| ## | 0.195230086 | 0.137615001 | 0.154146589 | 0.499752943 | 0.051069202 | 0.588938139 |
| ## | 87210       | 87214       | 87220       | 87225       | 87227       | 87230       |
| ## | 0.557575112 | 0.145107558 | 0.184760159 | 0.112920693 | 0.551983861 | 0.556454100 |
| ## | 87235       | 87237       | 87243       | 87246       | 87248       | 87251       |
| ## | 0.092138696 | 0.187080846 | 0.094434533 | 0.116011511 | 0.576054346 | 0.093938226 |
| ## | 87257       | 87260       | 87266       | 87280       | 87283       | 87286       |
| ## | 0.135665452 | 0.126198432 | 0.069218738 | 0.146719459 | 0.114390133 | 0.109285541 |
| ## | 87288       | 87292       | 87296       | 87297       | 87304       | 87312       |
| ## | 0.195860580 | 0.206423469 | 0.126450714 | 0.100745598 | 0.205306457 | 0.109966568 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 87313       | 87316       | 87319       | 87324       | 87325       | 87327       |
| ## | 0.108100381 | 0.134583432 | 0.199672887 | 0.587899626 | 0.084613202 | 0.199888513 |
| ## | 87334       | 87336       | 87339       | 87340       | 87347       | 87348       |
| ## | 0.049776053 | 0.072922334 | 0.191175201 | 0.188881289 | 0.040552056 | 0.151804203 |
| ## | 87350       | 87358       | 87366       | 87369       | 87377       | 87386       |
| ## | 0.422643974 | 0.435824141 | 0.174267074 | 0.208880829 | 0.185395774 | 0.124564105 |
| ## | 87407       | 87412       | 87414       | 87415       | 87416       | 87417       |
| ## | 0.139393296 | 0.214425820 | 0.104057687 | 0.175347303 | 0.194587397 | 0.511869241 |
| ## | 87419       | 87420       | 87426       | 87428       | 87429       | 87430       |
| ## | 0.102777413 | 0.548808561 | 0.186945424 | 0.185872933 | 0.552612685 | 0.193887494 |
| ## | 87435       | 87440       | 87441       | 87449       | 87461       | 87468       |
| ## | 0.184760159 | 0.204443744 | 0.202030390 | 0.191668976 | 0.126901846 | 0.157963601 |
| ## | 87473       | 87488       | 87492       | 87501       | 87502       | 87504       |
| ## | 0.034952564 | 0.499462338 | 0.328789433 | 0.082027024 | 0.152063426 | 0.082027024 |
| ## | 87513       | 87517       | 87525       | 87526       | 87529       | 87534       |
| ## | 0.441539059 | 0.114837356 | 0.171271922 | 0.169166881 | 0.488579369 | 0.474467825 |
| ## | 87543       | 87550       | 87551       | 87564       | 87572       | 87574       |
| ## | 0.090087125 | 0.152469867 | 0.496523659 | 0.486186250 | 0.073068480 | 0.149295774 |
| ## | 87575       | 87577       | 87579       | 87593       | 87596       | 87597       |
| ## | 0.149295774 | 0.167670927 | 0.336117114 | 0.082027024 | 0.152063426 | 0.059917141 |
| ## | 87600       | 87604       | 87606       | 87608       | 87615       | 87617       |
| ## | 0.062223831 | 0.152063426 | 0.060197372 | 0.082027024 | 0.441539059 | 0.504762609 |
| ## | 87624       | 87625       | 87631       | 87646       | 87654       | 87655       |
| ## | 0.124148217 | 0.094390011 | 0.510385991 | 0.135459275 | 0.168409519 | 0.168409519 |
| ## | 87670       | 87672       | 87679       | 87687       | 87690       | 87691       |
| ## | 0.076102423 | 0.076102423 | 0.141862015 | 0.154062757 | 0.083195865 | 0.046270069 |
| ## | 87695       | 87697       | 87698       | 87703       | 87720       | 87726       |
| ## | 0.135415382 | 0.146473482 | 0.146473482 | 0.101410658 | 0.139936920 | 0.100110762 |
| ## | 87732       | 87733       | 87736       | 87743       | 87744       | 87746       |
| ## | 0.566707441 | 0.190320740 | 0.085506659 | 0.080337736 | 0.080337736 | 0.118131985 |
| ## | 87751       | 87755       | 87758       | 87760       | 87776       | 87783       |
| ## | 0.119693459 | 0.118131985 | 0.148863479 | 0.148863479 | 0.083798772 | 0.148863479 |
| ## | 87790       | 87802       | 87803       | 87805       | 87808       | 87812       |
| ## | 0.093303696 | 0.155080880 | 0.392269396 | 0.169249943 | 0.155732214 | 0.083032000 |
| ## | 87820       | 87821       | 87829       | 87830       | 87842       | 87843       |
| ## | 0.096268788 | 0.097648712 | 0.540857134 | 0.180625900 | 0.153399069 | 0.320531310 |
| ## | 87844       | 87849       | 87852       | 87878       | 87880       | 87898       |
| ## | 0.099154495 | 0.149802971 | 0.149802971 | 0.141753319 | 0.105175302 | 0.509717382 |
| ## | 87910       | 87919       | 87922       | 87923       | 87926       | 87927       |
| ## | 0.166711522 | 0.290437965 | 0.263438973 | 0.675039907 | 0.275965603 | 0.261994303 |
| ## | 87929       | 87936       | 87947       | 87949       | 87959       | 87961       |
| ## | 0.264886179 | 0.628595781 | 0.589805974 | 0.190618865 | 0.645244846 | 0.309218582 |
| ## | 87968       | 87974       | 87978       | 87980       | 87991       | 87993       |
| ## | 0.280922789 | 0.632910553 | 0.719258730 | 0.307218205 | 0.295685410 | 0.170308118 |
| ## | 87995       | 87996       | 88010       | 88011       | 88012       | 88018       |
| ## | 0.660831519 | 0.275660280 | 0.691105266 | 0.292493627 | 0.289419013 | 0.704481160 |
| ## | 88021       | 88023       | 88024       | 88025       | 88026       | 88030       |
| ## | 0.249928281 | 0.672239132 | 0.286026096 | 0.166397880 | 0.286026096 | 0.687331154 |
| ## | 88032       | 88042       | 88050       | 88051       | 88054       | 88059       |
| ## | 0.303535559 | 0.209011041 | 0.295685410 | 0.689558534 | 0.286017570 | 0.297819404 |
| ## | 88061       | 88063       | 88064       | 88065       | 88071       | 88074       |
| ## | 0.688556243 | 0.690436995 | 0.690436995 | 0.294410104 | 0.202970408 | 0.699254519 |
| ## | 88075       | 88078       | 88080       | 88083       | 88091       | 88093       |
| ## | 0.297819404 | 0.690436995 | 0.686608342 | 0.688373104 | 0.715555601 | 0.681969394 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 88099       | 88100       | 88101       | 88103       | 88106       | 88115       |
| ## | 0.678183794 | 0.279259944 | 0.149837023 | 0.693252843 | 0.523278728 | 0.268490856 |
| ## | 88123       | 88131       | 88134       | 88137       | 88140       | 88141       |
| ## | 0.702477999 | 0.702117634 | 0.650670399 | 0.227426401 | 0.539192227 | 0.161126455 |
| ## | 88147       | 88148       | 88159       | 88161       | 88170       | 88173       |
| ## | 0.293982127 | 0.677447899 | 0.332010437 | 0.714855306 | 0.721512282 | 0.196136147 |
| ## | 88183       | 88189       | 88194       | 88197       | 88201       | 88213       |
| ## | 0.192132420 | 0.692247854 | 0.685196556 | 0.232970366 | 0.684818274 | 0.671641834 |
| ## | 88229       | 88236       | 88238       | 88248       | 88254       | 88256       |
| ## | 0.645075993 | 0.288014281 | 0.154451264 | 0.268490856 | 0.651840001 | 0.315621524 |
| ## | 88264       | 88271       | 88274       | 88276       | 88278       | 88283       |
| ## | 0.689248038 | 0.273220660 | 0.603399824 | 0.227426401 | 0.589120996 | 0.300087604 |
| ## | 88284       | 88286       | 88290       | 88293       | 88297       | 88308       |
| ## | 0.296966670 | 0.292748905 | 0.677447899 | 0.674182691 | 0.295077547 | 0.190040807 |
| ## | 88319       | 88321       | 88325       | 88329       | 88332       | 88333       |
| ## | 0.685196556 | 0.685196556 | 0.633668895 | 0.098095911 | 0.691526197 | 0.684465901 |
| ## | 88338       | 88339       | 88340       | 88347       | 88348       | 88351       |
| ## | 0.687131688 | 0.249928281 | 0.270893600 | 0.271689513 | 0.271689513 | 0.116720635 |
| ## | 88352       | 88358       | 88361       | 88370       | 88371       | 88377       |
| ## | 0.286026096 | 0.701883684 | 0.197130529 | 0.295685410 | 0.295685410 | 0.275660280 |
| ## | 88391       | 88395       | 88413       | 88419       | 88421       | 88426       |
| ## | 0.269346802 | 0.689017209 | 0.583675986 | 0.301802444 | 0.292493627 | 0.292493627 |
| ## | 88435       | 88442       | 88443       | 88448       | 88450       | 88451       |
| ## | 0.663901315 | 0.688035368 | 0.306607781 | 0.222071853 | 0.301414992 | 0.688373104 |
| ## | 88457       | 88459       | 88469       | 88475       | 88482       | 88485       |
| ## | 0.262266312 | 0.725269399 | 0.685081752 | 0.167676744 | 0.167676744 | 0.167676744 |
| ## | 88487       | 88493       | 88495       | 88499       | 88500       | 88505       |
| ## | 0.167676744 | 0.282211441 | 0.285240223 | 0.163812619 | 0.163812619 | 0.282211441 |
| ## | 88506       | 88509       | 88522       | 88525       | 88528       | 88535       |
| ## | 0.675346360 | 0.562550563 | 0.285240223 | 0.282211441 | 0.282211441 | 0.285240223 |
| ## | 88540       | 88543       | 88544       | 88550       | 88558       | 88559       |
| ## | 0.282211441 | 0.199728825 | 0.197357322 | 0.465421913 | 0.165459095 | 0.284642850 |
| ## | 88560       | 88561       | 88562       | 88564       | 88565       | 88568       |
| ## | 0.177508972 | 0.175343492 | 0.243478804 | 0.620288267 | 0.628583351 | 0.116111506 |
| ## | 88575       | 88577       | 88579       | 88583       | 88586       | 88587       |
| ## | 0.285153496 | 0.285153496 | 0.721607311 | 0.719464062 | 0.728657244 | 0.728657244 |
| ## | 88590       | 88591       | 88596       | 88598       | 88606       | 88613       |
| ## | 0.555120544 | 0.555120544 | 0.184763989 | 0.285153496 | 0.728657244 | 0.729094917 |
| ## | 88621       | 88627       | 88630       | 88637       | 88638       | 88640       |
| ## | 0.147019162 | 0.321038061 | 0.317798172 | 0.321038061 | 0.321038061 | 0.317798172 |
| ## | 88643       | 88645       | 88651       | 88658       | 88659       | 88664       |
| ## | 0.321038061 | 0.321038061 | 0.790948813 | 0.810727643 | 0.796335437 | 0.269128213 |
| ## | 88675       | 88678       | 88682       | 88684       | 88685       | 88686       |
| ## | 0.428607341 | 0.428607341 | 0.790948813 | 0.269128213 | 0.790948813 | 0.790948813 |
| ## | 88701       | 88708       | 88720       | 88724       | 88727       | 88736       |
| ## | 0.208833335 | 0.812129396 | 0.802703018 | 0.790948813 | 0.428607341 | 0.428607341 |
| ## | 88738       | 88742       | 88745       | 88753       | 88759       | 88764       |
| ## | 0.428607341 | 0.428607341 | 0.790948813 | 0.790948813 | 0.424961335 | 0.428607341 |
| ## | 88765       | 88766       | 88774       | 88786       | 88792       | 88793       |
| ## | 0.790948813 | 0.790948813 | 0.424961335 | 0.428607341 | 0.184763989 | 0.660579378 |
| ## | 88796       | 88797       | 88798       | 88799       | 88800       | 88811       |
| ## | 0.319918196 | 0.723564009 | 0.706603644 | 0.713376022 | 0.723564009 | 0.323169460 |
| ## | 88815       | 88820       | 88822       | 88828       | 88838       | 88842       |
| ## | 0.323169460 | 0.730582892 | 0.189884809 | 0.713376022 | 0.323169460 | 0.706603644 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 88843       | 88847       | 88848       | 88854       | 88860       | 88865       |
| ## | 0.319918196 | 0.323169460 | 0.319918196 | 0.723564009 | 0.706603644 | 0.323169460 |
| ## | 88868       | 88870       | 88875       | 88879       | 88887       | 88889       |
| ## | 0.323169460 | 0.323169460 | 0.323169460 | 0.699610397 | 0.179533549 | 0.275934848 |
| ## | 88892       | 88894       | 88902       | 88904       | 88905       | 88916       |
| ## | 0.281292125 | 0.226712637 | 0.210891777 | 0.218661159 | 0.493821572 | 0.790948813 |
| ## | 88924       | 88929       | 88933       | 88934       | 88938       | 88941       |
| ## | 0.269128213 | 0.428607341 | 0.790948813 | 0.424961335 | 0.428607341 | 0.428607341 |
| ## | 88949       | 88950       | 88951       | 88952       | 88958       | 88967       |
| ## | 0.790948813 | 0.804383240 | 0.269128213 | 0.428607341 | 0.790948813 | 0.269128213 |
| ## | 88974       | 88981       | 88984       | 88996       | 88999       | 89001       |
| ## | 0.631076759 | 0.729094917 | 0.728657244 | 0.321038061 | 0.321038061 | 0.317798172 |
| ## | 89003       | 89005       | 89009       | 89017       | 89022       | 89023       |
| ## | 0.321038061 | 0.317798172 | 0.321038061 | 0.321038061 | 0.811782854 | 0.790948813 |
| ## | 89034       | 89035       | 89043       | 89044       | 89050       | 89053       |
| ## | 0.790948813 | 0.428607341 | 0.428607341 | 0.428607341 | 0.609678902 | 0.210891777 |
| ## | 89062       | 89063       | 89064       | 89066       | 89073       | 89082       |
| ## | 0.140784203 | 0.459937508 | 0.520262243 | 0.804383240 | 0.790948813 | 0.804383240 |
| ## | 89085       | 89086       | 89088       | 89089       | 89094       | 89096       |
| ## | 0.428607341 | 0.428607341 | 0.269128213 | 0.804383240 | 0.424961335 | 0.428607341 |
| ## | 89097       | 89104       | 89105       | 89108       | 89112       | 89113       |
| ## | 0.790948813 | 0.269128213 | 0.269128213 | 0.269128213 | 0.428607341 | 0.428607341 |
| ## | 89117       | 89123       | 89129       | 89135       | 89136       | 89143       |
| ## | 0.428607341 | 0.552788883 | 0.323169460 | 0.706603644 | 0.323169460 | 0.323169460 |
| ## | 89144       | 89147       | 89160       | 89175       | 89179       | 89183       |
| ## | 0.721430008 | 0.721430008 | 0.323169460 | 0.323169460 | 0.713376022 | 0.323169460 |
| ## | 89189       | 89200       | 89205       | 89211       | 89212       | 89216       |
| ## | 0.323169460 | 0.323169460 | 0.323169460 | 0.323169460 | 0.323169460 | 0.290367987 |
| ## | 89219       | 89225       | 89226       | 89227       | 89228       | 89239       |
| ## | 0.167268323 | 0.290367987 | 0.098312042 | 0.179533549 | 0.179533549 | 0.161618219 |
| ## | 89258       | 89265       | 89274       | 89276       | 89278       | 89282       |
| ## | 0.180377191 | 0.099341267 | 0.099341267 | 0.225390667 | 0.225390667 | 0.225390667 |
| ## | 89283       | 89287       | 89293       | 89307       | 89309       | 89319       |
| ## | 0.225390667 | 0.228003338 | 0.225390667 | 0.627012330 | 0.627012330 | 0.199935124 |
| ## | 89321       | 89334       | 89335       | 89337       | 89342       | 89346       |
| ## | 0.199935124 | 0.109989439 | 0.153411645 | 0.186431432 | 0.063054468 | 0.141082520 |
| ## | 89349       | 89356       | 89363       | 89370       | 89373       | 89381       |
| ## | 0.183817133 | 0.184535120 | 0.189388436 | 0.122430011 | 0.188992699 | 0.120614885 |
| ## | 89387       | 89400       | 89406       | 89408       | 89409       | 89411       |
| ## | 0.167455939 | 0.200345622 | 0.176262465 | 0.426765561 | 0.181242164 | 0.183464285 |
| ## | 89413       | 89418       | 89420       | 89423       | 89428       | 89429       |
| ## | 0.183464285 | 0.075702738 | 0.072935235 | 0.183464285 | 0.228003338 | 0.225390667 |
| ## | 89430       | 89433       | 89473       | 89474       | 89485       | 89486       |
| ## | 0.225390667 | 0.225390667 | 0.097114612 | 0.382178422 | 0.155357294 | 0.176262465 |
| ## | 89487       | 89488       | 89493       | 89505       | 89507       | 89508       |
| ## | 0.170918987 | 0.127691003 | 0.189388436 | 0.128060294 | 0.159339739 | 0.195902269 |
| ## | 89511       | 89522       | 89527       | 89528       | 89532       | 89535       |
| ## | 0.401811472 | 0.136063998 | 0.118881247 | 0.118881247 | 0.133892898 | 0.131442021 |
| ## | 89537       | 89543       | 89548       | 89550       | 89551       | 89555       |
| ## | 0.129749870 | 0.129749870 | 0.453431687 | 0.129749870 | 0.449740722 | 0.285937562 |
| ## | 89561       | 89563       | 89564       | 89566       | 89567       | 89568       |
| ## | 0.114002836 | 0.286971889 | 0.286971889 | 0.271106665 | 0.274061772 | 0.274061772 |
| ## | 89579       | 89582       | 89601       | 89608       | 89613       | 89623       |
| ## | 0.649534295 | 0.249858950 | 0.279938170 | 0.143633170 | 0.145841016 | 0.338198631 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 89630       | 89633       | 89641       | 89647       | 89656       | 89664       |
| ## | 0.720482752 | 0.338198631 | 0.151809752 | 0.202331106 | 0.541616345 | 0.457566272 |
| ## | 89667       | 89670       | 89674       | 89678       | 89679       | 89687       |
| ## | 0.627136400 | 0.138507573 | 0.245391312 | 0.133904416 | 0.135329554 | 0.727058512 |
| ## | 89688       | 89689       | 89702       | 89708       | 89715       | 89716       |
| ## | 0.338198631 | 0.744160935 | 0.338198631 | 0.223586577 | 0.181049762 | 0.181049762 |
| ## | 89718       | 89727       | 89734       | 89741       | 89744       | 89752       |
| ## | 0.181049762 | 0.181049762 | 0.136973286 | 0.136973286 | 0.136973286 | 0.133320017 |
| ## | 89753       | 89758       | 89760       | 89761       | 89766       | 89767       |
| ## | 0.098894722 | 0.152148321 | 0.479593355 | 0.160317882 | 0.062236471 | 0.119093571 |
| ## | 89785       | 89790       | 89792       | 89795       | 89801       | 89818       |
| ## | 0.046426531 | 0.058312331 | 0.076148667 | 0.140820875 | 0.075501438 | 0.048540637 |
| ## | 89826       | 89857       | 89860       | 89869       | 89885       | 89887       |
| ## | 0.089308178 | 0.127975025 | 0.142072612 | 0.072924654 | 0.147867952 | 0.494556732 |
| ## | 89888       | 89891       | 89895       | 89896       | 89899       | 89907       |
| ## | 0.045487797 | 0.166505777 | 0.105858224 | 0.093681098 | 0.155232404 | 0.095005390 |
| ## | 89908       | 89913       | 89915       | 89924       | 89928       | 89935       |
| ## | 0.101588485 | 0.150139041 | 0.059077634 | 0.072924654 | 0.045983092 | 0.136266723 |
| ## | 89937       | 89941       | 89942       | 89954       | 89955       | 89960       |
| ## | 0.130246237 | 0.095713713 | 0.368906540 | 0.245946310 | 0.243192803 | 0.245946310 |
| ## | 89965       | 89976       | 89980       | 89984       | 89995       | 90012       |
| ## | 0.138016244 | 0.136648661 | 0.136648661 | 0.105169343 | 0.136648661 | 0.232746509 |
| ## | 90023       | 90024       | 90030       | 90033       | 90038       | 90055       |
| ## | 0.161073533 | 0.164899110 | 0.167317848 | 0.146934854 | 0.178593043 | 0.173360914 |
| ## | 90058       | 90061       | 90071       | 90078       | 90103       | 90105       |
| ## | 0.106374113 | 0.167619787 | 0.176071386 | 0.163097634 | 0.113868075 | 0.188698558 |
| ## | 90107       | 90118       | 90139       | 90149       | 90153       | 90154       |
| ## | 0.186427514 | 0.113884575 | 0.146934854 | 0.173919735 | 0.094944041 | 0.173919735 |
| ## | 90157       | 90162       | 90168       | 90169       | 90170       | 90171       |
| ## | 0.094944041 | 0.173919735 | 0.161073533 | 0.161073533 | 0.161073533 | 0.088983077 |
| ## | 90174       | 90175       | 90178       | 90185       | 90195       | 90197       |
| ## | 0.298656263 | 0.080174370 | 0.147395465 | 0.557820485 | 0.102718243 | 0.186825739 |
| ## | 90200       | 90209       | 90222       | 90228       | 90235       | 90239       |
| ## | 0.186825739 | 0.152278906 | 0.243192803 | 0.243192803 | 0.245946310 | 0.136648661 |
| ## | 90252       | 90253       | 90259       | 90275       | 90280       | 90291       |
| ## | 0.136648661 | 0.136648661 | 0.241074510 | 0.230095687 | 0.129613316 | 0.167762476 |
| ## | 90293       | 90300       | 90303       | 90307       | 90312       | 90313       |
| ## | 0.090045175 | 0.109957334 | 0.198679834 | 0.198679834 | 0.193247374 | 0.107645253 |
| ## | 90322       | 90329       | 90331       | 90332       | 90333       | 90344       |
| ## | 0.088078366 | 0.201063248 | 0.199680446 | 0.199680446 | 0.199680446 | 0.182011827 |
| ## | 90346       | 90348       | 90349       | 90353       | 90355       | 90356       |
| ## | 0.500353353 | 0.104957609 | 0.046705661 | 0.055525108 | 0.180829683 | 0.544347891 |
| ## | 90363       | 90368       | 90370       | 90371       | 90375       | 90381       |
| ## | 0.557508285 | 0.482004218 | 0.126603815 | 0.425989396 | 0.390577468 | 0.460117646 |
| ## | 90385       | 90387       | 90405       | 90412       | 90417       | 90420       |
| ## | 0.180689878 | 0.534793948 | 0.097686803 | 0.188120515 | 0.187758825 | 0.185496505 |
| ## | 90421       | 90425       | 90430       | 90432       | 90435       | 90438       |
| ## | 0.185496505 | 0.112927668 | 0.156738690 | 0.324351623 | 0.177316831 | 0.567960257 |
| ## | 90442       | 90444       | 90449       | 90450       | 90462       | 90464       |
| ## | 0.177722097 | 0.356109485 | 0.155115689 | 0.119344392 | 0.185077137 | 0.185077137 |
| ## | 90465       | 90471       | 90481       | 90483       | 90487       | 90494       |
| ## | 0.187335519 | 0.394236134 | 0.178807134 | 0.178807134 | 0.097875056 | 0.097875056 |
| ## | 90499       | 90503       | 90510       | 90511       | 90514       | 90522       |
| ## | 0.187767327 | 0.187767327 | 0.509928603 | 0.164342576 | 0.164342576 | 0.100429852 |

|    |             |             |             |             |             |             |
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| ## | 90526       | 90529       | 90534       | 90541       | 90543       | 90547       |
| ## | 0.183045823 | 0.349457913 | 0.166399610 | 0.122914580 | 0.119344392 | 0.093220438 |
| ## | 90556       | 90560       | 90566       | 90573       | 90578       | 90579       |
| ## | 0.096155781 | 0.185077137 | 0.187335519 | 0.077515986 | 0.246589613 | 0.175924801 |
| ## | 90582       | 90585       | 90586       | 90590       | 90592       | 90599       |
| ## | 0.536585739 | 0.181006000 | 0.431307299 | 0.404742338 | 0.126347840 | 0.535028818 |
| ## | 90604       | 90605       | 90620       | 90624       | 90635       | 90636       |
| ## | 0.542779877 | 0.187758825 | 0.398888759 | 0.505753976 | 0.187133181 | 0.497880429 |
| ## | 90645       | 90651       | 90654       | 90656       | 90659       | 90660       |
| ## | 0.108157019 | 0.081262601 | 0.179958376 | 0.488219817 | 0.328170984 | 0.328170984 |
| ## | 90662       | 90668       | 90669       | 90676       | 90679       | 90681       |
| ## | 0.328170984 | 0.266026738 | 0.263126866 | 0.298427867 | 0.300081772 | 0.291105748 |
| ## | 90686       | 90690       | 90699       | 90705       | 90710       | 90728       |
| ## | 0.297618397 | 0.683982496 | 0.156680571 | 0.265890965 | 0.301608088 | 0.263121472 |
| ## | 90747       | 90748       | 90752       | 90770       | 90772       | 90775       |
| ## | 0.295050086 | 0.295050086 | 0.328170984 | 0.298427867 | 0.295316910 | 0.295316910 |
| ## | 90780       | 90784       | 90787       | 90793       | 90816       | 90826       |
| ## | 0.297618397 | 0.292243022 | 0.284396838 | 0.148372006 | 0.267646424 | 0.298358501 |
| ## | 90838       | 90839       | 90851       | 90855       | 90858       | 90869       |
| ## | 0.164743413 | 0.164743413 | 0.164743413 | 0.082918431 | 0.100718810 | 0.064567922 |
| ## | 90881       | 90884       | 90888       | 90890       | 90891       | 90892       |
| ## | 0.098247943 | 0.194745794 | 0.049079260 | 0.163528919 | 0.088764614 | 0.163528919 |
| ## | 90894       | 90897       | 90898       | 90909       | 90911       | 90913       |
| ## | 0.088764614 | 0.354511257 | 0.109707079 | 0.146579610 | 0.163962166 | 0.192277003 |
| ## | 90919       | 90930       | 90931       | 90933       | 90934       | 90939       |
| ## | 0.192277003 | 0.106074031 | 0.060696888 | 0.074089931 | 0.138370987 | 0.030126542 |
| ## | 90943       | 90948       | 90952       | 90956       | 90959       | 90976       |
| ## | 0.099462473 | 0.099462473 | 0.100805381 | 0.052162339 | 0.052162339 | 0.078953594 |
| ## | 90978       | 90981       | 90987       | 90989       | 90992       | 90996       |
| ## | 0.080044211 | 0.045847366 | 0.124426050 | 0.062439457 | 0.064290408 | 0.078953594 |
| ## | 90997       | 91008       | 91012       | 91017       | 91018       | 91019       |
| ## | 0.078953594 | 0.067269048 | 0.100953699 | 0.102314453 | 0.102314453 | 0.102314453 |
| ## | 91020       | 91022       | 91023       | 91024       | 91028       | 91029       |
| ## | 0.100953699 | 0.100953699 | 0.100953699 | 0.100953699 | 0.085175922 | 0.087952526 |
| ## | 91031       | 91035       | 91037       | 91039       | 91045       | 91051       |
| ## | 0.089155416 | 0.057766479 | 0.063007885 | 0.046368658 | 0.030746187 | 0.074089931 |
| ## | 91052       | 91056       | 91057       | 91065       | 91067       | 91068       |
| ## | 0.455665534 | 0.382156704 | 0.058682001 | 0.100805381 | 0.067269048 | 0.095260388 |
| ## | 91071       | 91072       | 91075       | 91083       | 91084       | 91085       |
| ## | 0.100953699 | 0.100953699 | 0.100953699 | 0.102314453 | 0.100953699 | 0.100953699 |
| ## | 91092       | 91094       | 91095       | 91096       | 91099       | 91100       |
| ## | 0.102314453 | 0.033432792 | 0.313097391 | 0.182844559 | 0.076692535 | 0.150424759 |
| ## | 91103       | 91105       | 91117       | 91119       | 91122       | 91123       |
| ## | 0.202126767 | 0.202126767 | 0.215185491 | 0.230256998 | 0.227626117 | 0.227626117 |
| ## | 91128       | 91139       | 91140       | 91145       | 91146       | 91157       |
| ## | 0.208776061 | 0.209091644 | 0.206637675 | 0.212679235 | 0.215185491 | 0.208776061 |
| ## | 91162       | 91169       | 91174       | 91179       | 91186       | 91189       |
| ## | 0.206324830 | 0.208776061 | 0.733102649 | 0.333803490 | 0.330497483 | 0.330497483 |
| ## | 91190       | 91195       | 91196       | 91197       | 91198       | 91200       |
| ## | 0.197412261 | 0.731014909 | 0.330497483 | 0.330497483 | 0.333803490 | 0.330497483 |
| ## | 91202       | 91209       | 91214       | 91218       | 91227       | 91233       |
| ## | 0.330497483 | 0.330497483 | 0.330497483 | 0.220213110 | 0.208351150 | 0.234937712 |
| ## | 91238       | 91240       | 91242       | 91253       | 91254       | 91255       |
| ## | 0.237627100 | 0.237627100 | 0.237627100 | 0.114676950 | 0.575385632 | 0.208776061 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 91259       | 91264       | 91275       | 91278       | 91291       | 91292       |
| ## | 0.208776061 | 0.330497483 | 0.330497483 | 0.197412261 | 0.330497483 | 0.330497483 |
| ## | 91309       | 91310       | 91318       | 91323       | 91325       | 91330       |
| ## | 0.330497483 | 0.723131690 | 0.220213110 | 0.151622463 | 0.611223102 | 0.628334160 |
| ## | 91337       | 91339       | 91340       | 91356       | 91360       | 91372       |
| ## | 0.237627100 | 0.237627100 | 0.193264463 | 0.340183081 | 0.714287016 | 0.734650901 |
| ## | 91375       | 91378       | 91391       | 91395       | 91396       | 91398       |
| ## | 0.726037553 | 0.305449313 | 0.313576527 | 0.313576527 | 0.313576527 | 0.332271138 |
| ## | 91399       | 91403       | 91427       | 91435       | 91440       | 91452       |
| ## | 0.325047211 | 0.290428445 | 0.339323445 | 0.360809966 | 0.360809966 | 0.353519530 |
| ## | 91453       | 91464       | 91465       | 91472       | 91478       | 91479       |
| ## | 0.211631514 | 0.326422490 | 0.326422490 | 0.319046430 | 0.287383443 | 0.346480688 |
| ## | 91481       | 91484       | 91485       | 91487       | 91494       | 91508       |
| ## | 0.346480688 | 0.314042038 | 0.185744738 | 0.707794352 | 0.317261442 | 0.478799907 |
| ## | 91517       | 91525       | 91526       | 91527       | 91528       | 91535       |
| ## | 0.314004811 | 0.478799907 | 0.314004811 | 0.829365061 | 0.478799907 | 0.314004811 |
| ## | 91542       | 91551       | 91558       | 91561       | 91564       | 91582       |
| ## | 0.314004811 | 0.482520231 | 0.478799907 | 0.478799907 | 0.478799907 | 0.482520231 |
| ## | 91584       | 91585       | 91592       | 91598       | 91601       | 91605       |
| ## | 0.314004811 | 0.482520231 | 0.478799907 | 0.478799907 | 0.478799907 | 0.478799907 |
| ## | 91612       | 91614       | 91616       | 91622       | 91627       | 91628       |
| ## | 0.314004811 | 0.314004811 | 0.478799907 | 0.482520231 | 0.482520231 | 0.478799907 |
| ## | 91632       | 91637       | 91646       | 91651       | 91656       | 91660       |
| ## | 0.482520231 | 0.478799907 | 0.148712416 | 0.201060080 | 0.192761770 | 0.211812854 |
| ## | 91670       | 91672       | 91673       | 91677       | 91681       | 91689       |
| ## | 0.242689489 | 0.343536260 | 0.343536260 | 0.204388319 | 0.187489255 | 0.278186384 |
| ## | 91703       | 91704       | 91706       | 91711       | 91716       | 91718       |
| ## | 0.331172132 | 0.331172132 | 0.331366025 | 0.711626109 | 0.342178467 | 0.338831701 |
| ## | 91719       | 91720       | 91724       | 91726       | 91728       | 91739       |
| ## | 0.338831701 | 0.338831701 | 0.295781479 | 0.347236390 | 0.343866013 | 0.208588088 |
| ## | 91741       | 91743       | 91746       | 91747       | 91751       | 91754       |
| ## | 0.349339807 | 0.163678197 | 0.333889158 | 0.333889158 | 0.330582723 | 0.712655563 |
| ## | 91758       | 91762       | 91763       | 91773       | 91785       | 91787       |
| ## | 0.358259921 | 0.314167687 | 0.314167687 | 0.317387783 | 0.331975258 | 0.335288645 |
| ## | 91788       | 91789       | 91794       | 91795       | 91801       | 91803       |
| ## | 0.640214953 | 0.344676213 | 0.344676213 | 0.348050319 | 0.322824129 | 0.322824129 |
| ## | 91804       | 91807       | 91816       | 91817       | 91821       | 91825       |
| ## | 0.322824129 | 0.319574699 | 0.322824129 | 0.143654838 | 0.633254960 | 0.184260546 |
| ## | 91826       | 91835       | 91837       | 91838       | 91840       | 91842       |
| ## | 0.311925406 | 0.138178211 | 0.739826981 | 0.327326616 | 0.329707809 | 0.322901258 |
| ## | 91854       | 91857       | 91861       | 91865       | 91868       | 91870       |
| ## | 0.350320852 | 0.333303005 | 0.331628357 | 0.343656452 | 0.340302708 | 0.340302708 |
| ## | 91871       | 91880       | 91881       | 91891       | 91906       | 91908       |
| ## | 0.340302708 | 0.340302708 | 0.448064178 | 0.448064178 | 0.448064178 | 0.448064178 |
| ## | 91915       | 91917       | 91924       | 91927       | 91929       | 91942       |
| ## | 0.448064178 | 0.451752680 | 0.448064178 | 0.448064178 | 0.451752680 | 0.241386430 |
| ## | 91945       | 91949       | 91952       | 91955       | 91963       | 91965       |
| ## | 0.393272096 | 0.393272096 | 0.389721659 | 0.389721659 | 0.389721659 | 0.389721659 |
| ## | 91971       | 91973       | 91982       | 91983       | 92001       | 92006       |
| ## | 0.393272096 | 0.771623806 | 0.389721659 | 0.185727366 | 0.159246085 | 0.317556861 |
| ## | 92015       | 92019       | 92022       | 92023       | 92033       | 92041       |
| ## | 0.368231111 | 0.368231111 | 0.371705012 | 0.368231111 | 0.241020359 | 0.363110029 |
| ## | 92043       | 92049       | 92053       | 92054       | 92062       | 92063       |
| ## | 0.363110029 | 0.205652956 | 0.334580692 | 0.334580692 | 0.341092483 | 0.309981832 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 92069       | 92072       | 92077       | 92078       | 92080       | 92083       |
| ## | 0.341935791 | 0.317346480 | 0.330067933 | 0.333371784 | 0.330067933 | 0.301714280 |
| ## | 92084       | 92089       | 92092       | 92103       | 92109       | 92111       |
| ## | 0.301714280 | 0.341092483 | 0.309981832 | 0.722742721 | 0.326882748 | 0.303046759 |
| ## | 92112       | 92117       | 92134       | 92142       | 92143       | 92148       |
| ## | 0.138584549 | 0.333303005 | 0.331269331 | 0.350120878 | 0.747437340 | 0.161373893 |
| ## | 92153       | 92154       | 92159       | 92162       | 92166       | 92168       |
| ## | 0.729040464 | 0.337104249 | 0.309216579 | 0.326422490 | 0.326422490 | 0.326422490 |
| ## | 92188       | 92203       | 92209       | 92229       | 92234       | 92242       |
| ## | 0.308167829 | 0.343536260 | 0.306284822 | 0.324952710 | 0.707698528 | 0.313576527 |
| ## | 92245       | 92251       | 92254       | 92260       | 92273       | 92279       |
| ## | 0.248799561 | 0.328325436 | 0.290428445 | 0.214637410 | 0.750805836 | 0.750805836 |
| ## | 92282       | 92285       | 92290       | 92295       | 92296       | 92304       |
| ## | 0.307193925 | 0.180877923 | 0.326830194 | 0.317439293 | 0.160119584 | 0.330582723 |
| ## | 92315       | 92316       | 92318       | 92320       | 92322       | 92325       |
| ## | 0.358259921 | 0.361693608 | 0.747072746 | 0.358259921 | 0.322498849 | 0.314167687 |
| ## | 92340       | 92344       | 92345       | 92346       | 92349       | 92355       |
| ## | 0.314167687 | 0.315848794 | 0.319251150 | 0.318001509 | 0.348050319 | 0.344676213 |
| ## | 92356       | 92362       | 92365       | 92366       | 92371       | 92376       |
| ## | 0.348050319 | 0.348050319 | 0.303822396 | 0.319574699 | 0.319574699 | 0.319574699 |
| ## | 92387       | 92398       | 92399       | 92411       | 92414       | 92416       |
| ## | 0.319574699 | 0.162956941 | 0.348140992 | 0.326422490 | 0.300709962 | 0.320359494 |
| ## | 92427       | 92442       | 92444       | 92448       | 92449       | 92450       |
| ## | 0.346936448 | 0.334940017 | 0.327760374 | 0.451752680 | 0.448064178 | 0.451752680 |
| ## | 92451       | 92454       | 92460       | 92470       | 92478       | 92481       |
| ## | 0.448064178 | 0.448064178 | 0.448064178 | 0.448064178 | 0.451752680 | 0.448064178 |
| ## | 92484       | 92486       | 92496       | 92500       | 92503       | 92506       |
| ## | 0.241386430 | 0.393272096 | 0.393272096 | 0.389721659 | 0.389721659 | 0.241386430 |
| ## | 92509       | 92524       | 92526       | 92528       | 92533       | 92534       |
| ## | 0.241386430 | 0.389721659 | 0.241386430 | 0.185727366 | 0.389721659 | 0.389721659 |
| ## | 92544       | 92554       | 92559       | 92579       | 92581       | 92597       |
| ## | 0.389721659 | 0.699094872 | 0.347705286 | 0.352402312 | 0.762001859 | 0.368231111 |
| ## | 92603       | 92609       | 92610       | 92611       | 92625       | 92631       |
| ## | 0.647796936 | 0.358736658 | 0.358736658 | 0.321527503 | 0.753270581 | 0.326882748 |
| ## | 92632       | 92636       | 92650       | 92651       | 92654       | 92656       |
| ## | 0.138584549 | 0.295063401 | 0.829365061 | 0.478799907 | 0.832849574 | 0.834914050 |
| ## | 92658       | 92664       | 92669       | 92674       | 92677       | 92689       |
| ## | 0.478799907 | 0.478799907 | 0.478799907 | 0.478799907 | 0.482520231 | 0.478799907 |
| ## | 92691       | 92692       | 92693       | 92694       | 92695       | 92696       |
| ## | 0.478799907 | 0.314004811 | 0.478799907 | 0.478799907 | 0.482520231 | 0.478799907 |
| ## | 92706       | 92708       | 92709       | 92717       | 92718       | 92729       |
| ## | 0.478799907 | 0.482520231 | 0.478799907 | 0.478799907 | 0.478799907 | 0.482520231 |
| ## | 92734       | 92735       | 92739       | 92740       | 92745       | 92748       |
| ## | 0.478799907 | 0.314004811 | 0.482520231 | 0.478799907 | 0.478799907 | 0.478799907 |
| ## | 92750       | 92755       | 92757       | 92758       | 92764       | 92765       |
| ## | 0.834914050 | 0.478799907 | 0.478799907 | 0.478799907 | 0.834914050 | 0.482520231 |
| ## | 92768       | 92772       | 92773       | 92777       | 92778       | 92783       |
| ## | 0.482520231 | 0.482520231 | 0.314004811 | 0.320718777 | 0.320718777 | 0.728024483 |
| ## | 92788       | 92796       | 92800       | 92806       | 92811       | 92816       |
| ## | 0.355287854 | 0.241020359 | 0.637726132 | 0.340183081 | 0.739473782 | 0.080113011 |
| ## | 92818       | 92824       | 92834       | 92838       | 92845       | 92847       |
| ## | 0.185744738 | 0.194971597 | 0.565885466 | 0.084348595 | 0.197336083 | 0.199707395 |
| ## | 92848       | 92850       | 92854       | 92856       | 92858       | 92859       |
| ## | 0.197336083 | 0.199707395 | 0.197336083 | 0.099365688 | 0.188579917 | 0.190871029 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 92870       | 92884       | 92885       | 92888       | 92889       | 92890       |
| ## | 0.099548508 | 0.197321481 | 0.194971597 | 0.197321481 | 0.107682519 | 0.198561412 |
| ## | 92892       | 92894       | 92895       | 92900       | 92910       | 92915       |
| ## | 0.207286756 | 0.206354136 | 0.199595068 | 0.218727217 | 0.154153493 | 0.191929709 |
| ## | 92920       | 92921       | 92925       | 92927       | 92928       | 92929       |
| ## | 0.194786289 | 0.168597396 | 0.180103121 | 0.189464786 | 0.559440010 | 0.108823970 |
| ## | 92931       | 92945       | 92946       | 92955       | 92963       | 92972       |
| ## | 0.198980444 | 0.113768353 | 0.207296479 | 0.195663123 | 0.562422835 | 0.151401988 |
| ## | 92975       | 92979       | 92981       | 92983       | 92990       | 92993       |
| ## | 0.448600538 | 0.108955994 | 0.562441204 | 0.189628867 | 0.571141281 | 0.189216111 |
| ## | 92997       | 92998       | 93001       | 93006       | 93008       | 93016       |
| ## | 0.558506695 | 0.189464786 | 0.103082415 | 0.556139968 | 0.564243618 | 0.200898058 |
| ## | 93019       | 93026       | 93027       | 93030       | 93032       | 93041       |
| ## | 0.200898058 | 0.182950719 | 0.567086182 | 0.170724205 | 0.127935031 | 0.179241295 |
| ## | 93055       | 93058       | 93060       | 93064       | 93078       | 93088       |
| ## | 0.103910896 | 0.191082546 | 0.103910896 | 0.103910896 | 0.191082546 | 0.056549323 |
| ## | 93102       | 93105       | 93110       | 93111       | 93112       | 93114       |
| ## | 0.095543223 | 0.510306715 | 0.106226369 | 0.194917959 | 0.567692972 | 0.080101021 |
| ## | 93120       | 93121       | 93132       | 93133       | 93145       | 93148       |
| ## | 0.164721302 | 0.164721302 | 0.523768814 | 0.090530235 | 0.152073467 | 0.163685552 |
| ## | 93151       | 93153       | 93154       | 93155       | 93157       | 93161       |
| ## | 0.165762754 | 0.164790040 | 0.116714741 | 0.163462223 | 0.170992078 | 0.197820048 |
| ## | 93162       | 93165       | 93170       | 93171       | 93175       | 93184       |
| ## | 0.088797463 | 0.177955728 | 0.082156234 | 0.173487500 | 0.510542536 | 0.171360858 |
| ## | 93188       | 93190       | 93192       | 93194       | 93203       | 93206       |
| ## | 0.159367098 | 0.082856362 | 0.153482475 | 0.151822976 | 0.172247342 | 0.055682896 |
| ## | 93209       | 93210       | 93213       | 93215       | 93218       | 93229       |
| ## | 0.160547554 | 0.167442281 | 0.161352546 | 0.155822038 | 0.155822038 | 0.157792560 |
| ## | 93230       | 93231       | 93232       | 93243       | 93244       | 93246       |
| ## | 0.494084401 | 0.494084401 | 0.151228934 | 0.163936729 | 0.519113193 | 0.163390652 |
| ## | 93247       | 93257       | 93267       | 93268       | 93270       | 93272       |
| ## | 0.161363615 | 0.089857298 | 0.152869393 | 0.163873005 | 0.165925328 | 0.168845497 |
| ## | 93281       | 93289       | 93297       | 93302       | 93303       | 93312       |
| ## | 0.163462223 | 0.200195724 | 0.159147634 | 0.082156234 | 0.159367098 | 0.149913733 |
| ## | 93319       | 93325       | 93333       | 93336       | 93350       | 93356       |
| ## | 0.363270385 | 0.172247342 | 0.162566327 | 0.149824416 | 0.315093879 | 0.149824416 |
| ## | 93361       | 93362       | 93363       | 93366       | 93372       | 93387       |
| ## | 0.090860546 | 0.413852467 | 0.357035406 | 0.070953985 | 0.079292670 | 0.079292670 |
| ## | 93398       | 93410       | 93412       | 93418       | 93421       | 93423       |
| ## | 0.127727708 | 0.572674025 | 0.169302271 | 0.152633083 | 0.265517417 | 0.265517417 |
| ## | 93425       | 93428       | 93430       | 93433       | 93458       | 93465       |
| ## | 0.152633083 | 0.265517417 | 0.265517417 | 0.265517417 | 0.099803259 | 0.189368531 |
| ## | 93467       | 93473       | 93476       | 93479       | 93485       | 93487       |
| ## | 0.189368531 | 0.187923057 | 0.185659211 | 0.169896626 | 0.117325547 | 0.167605236 |
| ## | 93489       | 93508       | 93510       | 93516       | 93520       | 93524       |
| ## | 0.502237975 | 0.070341458 | 0.518721434 | 0.153636498 | 0.178794885 | 0.153636498 |
| ## | 93529       | 93550       | 93559       | 93572       | 93574       | 93575       |
| ## | 0.113059416 | 0.170969772 | 0.152633083 | 0.268434037 | 0.152633083 | 0.167073558 |
| ## | 93578       | 93579       | 93584       | 93587       | 93589       | 93590       |
| ## | 0.182008070 | 0.164989123 | 0.407214070 | 0.172176985 | 0.145051177 | 0.146909194 |
| ## | 93591       | 93592       | 93594       | 93597       | 93603       | 93616       |
| ## | 0.144862577 | 0.098368847 | 0.074550780 | 0.100597998 | 0.097447193 | 0.111573518 |
| ## | 93617       | 93626       | 93630       | 93631       | 93636       | 93642       |
| ## | 0.151913715 | 0.174605965 | 0.078906664 | 0.488373677 | 0.160711043 | 0.141639363 |

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| ## | 93645       | 93646       | 93651       | 93655       | 93662       | 93674       |
| ## | 0.136457098 | 0.136457098 | 0.392515711 | 0.555768596 | 0.185169668 | 0.174605965 |
| ## | 93675       | 93682       | 93699       | 93701       | 93703       | 93707       |
| ## | 0.163626899 | 0.081050299 | 0.140956239 | 0.119686291 | 0.024678380 | 0.056529221 |
| ## | 93718       | 93725       | 93732       | 93751       | 93752       | 93758       |
| ## | 0.133189429 | 0.134919483 | 0.133189429 | 0.106159235 | 0.129462525 | 0.133694020 |
| ## | 93766       | 93771       | 93772       | 93775       | 93776       | 93780       |
| ## | 0.161407521 | 0.062423328 | 0.062423328 | 0.152827021 | 0.099298579 | 0.098966340 |
| ## | 93782       | 93789       | 93805       | 93807       | 93809       | 93814       |
| ## | 0.043924002 | 0.163251618 | 0.139491609 | 0.067446053 | 0.136349420 | 0.104753313 |
| ## | 93815       | 93816       | 93840       | 93854       | 93856       | 93857       |
| ## | 0.079583318 | 0.132679498 | 0.140612678 | 0.166084875 | 0.592127121 | 0.210753695 |
| ## | 93862       | 93870       | 93883       | 93886       | 93890       | 93893       |
| ## | 0.473245842 | 0.509907669 | 0.224601494 | 0.605337570 | 0.185007703 | 0.232543468 |
| ## | 93909       | 93914       | 93915       | 93919       | 93924       | 93928       |
| ## | 0.242330318 | 0.569143953 | 0.214501504 | 0.133071685 | 0.238203593 | 0.238203593 |
| ## | 93931       | 93940       | 93941       | 93943       | 93953       | 93957       |
| ## | 0.524555721 | 0.165161256 | 0.167226486 | 0.165161256 | 0.273668731 | 0.270716282 |
| ## | 93958       | 93959       | 93968       | 93971       | 93975       | 93983       |
| ## | 0.270716282 | 0.273668731 | 0.270716282 | 0.273668731 | 0.270716282 | 0.270716282 |
| ## | 93987       | 93997       | 93998       | 94004       | 94006       | 94016       |
| ## | 0.273668731 | 0.273668731 | 0.655228400 | 0.270716282 | 0.273668731 | 0.270716282 |
| ## | 94021       | 94026       | 94028       | 94033       | 94044       | 94051       |
| ## | 0.273668731 | 0.270716282 | 0.234951854 | 0.186873656 | 0.237883854 | 0.183744139 |
| ## | 94052       | 94062       | 94065       | 94068       | 94069       | 94073       |
| ## | 0.595100466 | 0.602007566 | 0.183744139 | 0.188223831 | 0.592661906 | 0.208285357 |
| ## | 94085       | 94087       | 94088       | 94092       | 94093       | 94108       |
| ## | 0.124385519 | 0.118460166 | 0.074498192 | 0.171000413 | 0.171000413 | 0.211156064 |
| ## | 94123       | 94125       | 94129       | 94137       | 94146       | 94152       |
| ## | 0.209790451 | 0.537576686 | 0.180140695 | 0.245077222 | 0.545692103 | 0.628081820 |
| ## | 94159       | 94160       | 94163       | 94173       | 94175       | 94179       |
| ## | 0.639209402 | 0.238203593 | 0.562468919 | 0.270716282 | 0.270716282 | 0.156091387 |
| ## | 94180       | 94182       | 94186       | 94192       | 94201       | 94207       |
| ## | 0.273668731 | 0.273668731 | 0.156091387 | 0.270716282 | 0.655228400 | 0.234951854 |
| ## | 94217       | 94218       | 94220       | 94221       | 94223       | 94232       |
| ## | 0.183917498 | 0.187232654 | 0.185957190 | 0.125461311 | 0.215382667 | 0.106977664 |
| ## | 94244       | 94246       | 94247       | 94251       | 94254       | 94258       |
| ## | 0.539571199 | 0.539571199 | 0.539571199 | 0.203603073 | 0.111506935 | 0.580461948 |
| ## | 94262       | 94271       | 94272       | 94273       | 94274       | 94275       |
| ## | 0.580461948 | 0.177996782 | 0.177996782 | 0.097387990 | 0.177996782 | 0.543271527 |
| ## | 94278       | 94279       | 94283       | 94284       | 94287       | 94293       |
| ## | 0.580461948 | 0.571299795 | 0.203603073 | 0.580461948 | 0.111506935 | 0.580461948 |
| ## | 94296       | 94297       | 94303       | 94312       | 94314       | 94320       |
| ## | 0.085247550 | 0.203603073 | 0.580461948 | 0.528487230 | 0.171572572 | 0.556140370 |
| ## | 94323       | 94326       | 94327       | 94330       | 94336       | 94343       |
| ## | 0.556140370 | 0.546861710 | 0.556140370 | 0.198289126 | 0.576025148 | 0.200669026 |
| ## | 94344       | 94345       | 94347       | 94355       | 94356       | 94359       |
| ## | 0.558745274 | 0.109717211 | 0.162434517 | 0.136365948 | 0.136365948 | 0.464482908 |
| ## | 94363       | 94366       | 94367       | 94386       | 94391       | 94397       |
| ## | 0.447021148 | 0.433107139 | 0.433107139 | 0.193819482 | 0.580461948 | 0.203603073 |
| ## | 94401       | 94403       | 94409       | 94411       | 94413       | 94420       |
| ## | 0.085247550 | 0.580461948 | 0.203603073 | 0.576828230 | 0.203603073 | 0.534275376 |
| ## | 94429       | 94430       | 94433       | 94443       | 94446       | 94449       |
| ## | 0.538699085 | 0.538699085 | 0.187996243 | 0.200669026 | 0.576025148 | 0.576025148 |

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| ## | 94455       | 94457       | 94458       | 94460       | 94469       | 94471       |
| ## | 0.558745274 | 0.576025148 | 0.149891471 | 0.532736482 | 0.184364013 | 0.460777823 |
| ## | 94472       | 94474       | 94476       | 94478       | 94482       | 94487       |
| ## | 0.240219441 | 0.186423889 | 0.184174007 | 0.120226355 | 0.419623512 | 0.204440658 |
| ## | 94490       | 94492       | 94498       | 94502       | 94506       | 94508       |
| ## | 0.170361289 | 0.170361289 | 0.178765124 | 0.104982711 | 0.089207261 | 0.160829647 |
| ## | 94513       | 94514       | 94526       | 94527       | 94528       | 94530       |
| ## | 0.125372514 | 0.125372514 | 0.172478108 | 0.170361289 | 0.170361289 | 0.114659926 |
| ## | 94532       | 94534       | 94543       | 94549       | 94550       | 94557       |
| ## | 0.083137029 | 0.178765124 | 0.175765070 | 0.165932415 | 0.168005347 | 0.180635381 |
| ## | 94562       | 94566       | 94569       | 94570       | 94572       | 94573       |
| ## | 0.474763587 | 0.174138009 | 0.124889042 | 0.124889042 | 0.133040519 | 0.165187834 |
| ## | 94581       | 94586       | 94588       | 94595       | 94596       | 94598       |
| ## | 0.124387101 | 0.184515646 | 0.128617674 | 0.112935771 | 0.185150611 | 0.134394377 |
| ## | 94604       | 94605       | 94606       | 94608       | 94611       | 94619       |
| ## | 0.153590610 | 0.188291429 | 0.165631798 | 0.544863338 | 0.198754821 | 0.193980891 |
| ## | 94626       | 94628       | 94632       | 94643       | 94645       | 94666       |
| ## | 0.107943887 | 0.196221435 | 0.186401357 | 0.205041592 | 0.112386590 | 0.200066975 |
| ## | 94670       | 94671       | 94681       | 94705       | 94710       | 94712       |
| ## | 0.199628882 | 0.199628882 | 0.129120103 | 0.067844849 | 0.107998154 | 0.197841606 |
| ## | 94721       | 94728       | 94735       | 94744       | 94756       | 94758       |
| ## | 0.178056072 | 0.178599639 | 0.172732290 | 0.197324945 | 0.105449976 | 0.105449976 |
| ## | 94761       | 94764       | 94771       | 94775       | 94776       | 94788       |
| ## | 0.201768678 | 0.562390142 | 0.193734823 | 0.191417467 | 0.077606317 | 0.180247730 |
| ## | 94794       | 94803       | 94811       | 94813       | 94815       | 94820       |
| ## | 0.124387101 | 0.197324945 | 0.153934940 | 0.153934940 | 0.465680910 | 0.186698681 |
| ## | 94825       | 94826       | 94828       | 94835       | 94854       | 94855       |
| ## | 0.105449976 | 0.555893460 | 0.380599943 | 0.562390142 | 0.055818347 | 0.180635381 |
| ## | 94864       | 94881       | 94883       | 94886       | 94891       | 94894       |
| ## | 0.075921551 | 0.193881487 | 0.186401357 | 0.186401357 | 0.205041592 | 0.205041592 |
| ## | 94905       | 94908       | 94919       | 94924       | 94932       | 94933       |
| ## | 0.181723840 | 0.470164817 | 0.199628882 | 0.212037914 | 0.182887497 | 0.182887497 |
| ## | 94938       | 94941       | 94944       | 94955       | 94961       | 94967       |
| ## | 0.485963973 | 0.085246190 | 0.051173618 | 0.203143984 | 0.107998154 | 0.405628435 |
| ## | 94969       | 94970       | 94976       | 94977       | 94991       | 94999       |
| ## | 0.486407103 | 0.159253964 | 0.172137013 | 0.048092374 | 0.069259908 | 0.151854124 |
| ## | 95011       | 95015       | 95026       | 95032       | 95040       | 95044       |
| ## | 0.151854124 | 0.060105553 | 0.084001804 | 0.318194201 | 0.146422708 | 0.056547536 |
| ## | 95049       | 95055       | 95056       | 95057       | 95075       | 95076       |
| ## | 0.067351783 | 0.069601249 | 0.069601249 | 0.508631033 | 0.097396036 | 0.089029359 |
| ## | 95085       | 95095       | 95104       | 95106       | 95113       | 95128       |
| ## | 0.511905906 | 0.162528523 | 0.167444385 | 0.167444385 | 0.466357874 | 0.478253955 |
| ## | 95132       | 95140       | 95146       | 95161       | 95164       | 95167       |
| ## | 0.151854124 | 0.504356601 | 0.035031208 | 0.056926937 | 0.056661012 | 0.146422708 |
| ## | 95178       | 95183       | 95189       | 95199       | 95204       | 95206       |
| ## | 0.141728850 | 0.145125441 | 0.145125441 | 0.139741558 | 0.146270547 | 0.146270547 |
| ## | 95208       | 95211       | 95215       | 95216       | 95218       | 95219       |
| ## | 0.156512547 | 0.154555077 | 0.209574102 | 0.127851958 | 0.362372272 | 0.062204680 |
| ## | 95224       | 95230       | 95232       | 95234       | 95236       | 95240       |
| ## | 0.121230850 | 0.157240634 | 0.139741558 | 0.122128845 | 0.081727203 | 0.047217172 |
| ## | 95242       | 95248       | 95265       | 95271       | 95273       | 95278       |
| ## | 0.190070583 | 0.074017432 | 0.057888560 | 0.486414108 | 0.486414108 | 0.053905427 |
| ## | 95281       | 95287       | 95289       | 95290       | 95293       | 95296       |
| ## | 0.115504846 | 0.142144900 | 0.058666042 | 0.130346952 | 0.094518021 | 0.169021700 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 95300       | 95301       | 95309       | 95317       | 95327       | 95328       |
| ## | 0.169021700 | 0.169021700 | 0.082908424 | 0.160836969 | 0.178192678 | 0.097505694 |
| ## | 95335       | 95336       | 95341       | 95342       | 95348       | 95350       |
| ## | 0.091653974 | 0.091653974 | 0.170499643 | 0.142851678 | 0.119739733 | 0.118177736 |
| ## | 95351       | 95373       | 95378       | 95381       | 95389       | 95396       |
| ## | 0.118177736 | 0.085690907 | 0.143208171 | 0.094767231 | 0.099269268 | 0.155294116 |
| ## | 95411       | 95413       | 95420       | 95421       | 95431       | 95432       |
| ## | 0.157774385 | 0.561352721 | 0.622663478 | 0.282358656 | 0.250980463 | 0.660810099 |
| ## | 95436       | 95437       | 95447       | 95466       | 95468       | 95478       |
| ## | 0.211720417 | 0.107526312 | 0.559751527 | 0.709082632 | 0.652029683 | 0.200945300 |
| ## | 95479       | 95480       | 95481       | 95482       | 95485       | 95489       |
| ## | 0.207599711 | 0.534123639 | 0.185203604 | 0.185203604 | 0.122680362 | 0.629062198 |
| ## | 95491       | 95494       | 95499       | 95503       | 95514       | 95520       |
| ## | 0.254492021 | 0.287888861 | 0.693997302 | 0.291762448 | 0.668208639 | 0.246508593 |
| ## | 95525       | 95527       | 95535       | 95537       | 95541       | 95546       |
| ## | 0.282654368 | 0.668577931 | 0.272855415 | 0.208742651 | 0.282654368 | 0.594491597 |
| ## | 95550       | 95554       | 95564       | 95568       | 95569       | 95575       |
| ## | 0.690089749 | 0.303105249 | 0.681617029 | 0.703634348 | 0.278933159 | 0.305774645 |
| ## | 95579       | 95581       | 95586       | 95598       | 95600       | 95602       |
| ## | 0.308947468 | 0.692779271 | 0.652302641 | 0.133896984 | 0.707036719 | 0.305240935 |
| ## | 95612       | 95622       | 95630       | 95632       | 95644       | 95647       |
| ## | 0.689091895 | 0.229768098 | 0.647361712 | 0.632533121 | 0.650301138 | 0.684242061 |
| ## | 95649       | 95650       | 95652       | 95653       | 95663       | 95664       |
| ## | 0.686664859 | 0.292571637 | 0.328355135 | 0.738523882 | 0.120930775 | 0.279056176 |
| ## | 95667       | 95668       | 95669       | 95677       | 95688       | 95689       |
| ## | 0.289839738 | 0.289839738 | 0.548659431 | 0.689402230 | 0.289582872 | 0.571983141 |
| ## | 95690       | 95693       | 95698       | 95699       | 95702       | 95705       |
| ## | 0.712174930 | 0.273524401 | 0.257392895 | 0.678922435 | 0.149864490 | 0.529850947 |
| ## | 95707       | 95708       | 95711       | 95712       | 95732       | 95737       |
| ## | 0.198938896 | 0.261332719 | 0.214940911 | 0.214940911 | 0.673334926 | 0.684851875 |
| ## | 95738       | 95745       | 95748       | 95764       | 95767       | 95771       |
| ## | 0.301107470 | 0.253792577 | 0.562840098 | 0.692703792 | 0.574582368 | 0.155439425 |
| ## | 95776       | 95778       | 95785       | 95791       | 95798       | 95801       |
| ## | 0.708384700 | 0.698413854 | 0.690703134 | 0.270869289 | 0.682121814 | 0.678008561 |
| ## | 95802       | 95804       | 95810       | 95811       | 95816       | 95819       |
| ## | 0.572886613 | 0.592315970 | 0.273929450 | 0.688207839 | 0.688419272 | 0.675520605 |
| ## | 95821       | 95829       | 95831       | 95833       | 95837       | 95841       |
| ## | 0.626180149 | 0.690089749 | 0.306262593 | 0.306262593 | 0.302482665 | 0.593351035 |
| ## | 95844       | 95848       | 95854       | 95855       | 95861       | 95870       |
| ## | 0.301360981 | 0.658648766 | 0.677829217 | 0.508074011 | 0.686258752 | 0.154396306 |
| ## | 95871       | 95877       | 95880       | 95882       | 95885       | 95886       |
| ## | 0.115228297 | 0.559106288 | 0.680502816 | 0.270383700 | 0.146656194 | 0.703972477 |
| ## | 95892       | 95907       | 95908       | 95910       | 95911       | 95913       |
| ## | 0.707495266 | 0.302121459 | 0.305273044 | 0.155581035 | 0.269951040 | 0.294374645 |
| ## | 95915       | 95917       | 95918       | 95919       | 95922       | 95929       |
| ## | 0.681837780 | 0.683452673 | 0.209803317 | 0.584159886 | 0.635403233 | 0.290699380 |
| ## | 95932       | 95934       | 95938       | 95941       | 95942       | 95951       |
| ## | 0.292571637 | 0.295665808 | 0.714524125 | 0.714524125 | 0.714524125 | 0.220349188 |
| ## | 95953       | 95955       | 95958       | 95963       | 95973       | 95974       |
| ## | 0.189790933 | 0.665229398 | 0.205006751 | 0.658648766 | 0.173636596 | 0.677995530 |
| ## | 95975       | 95976       | 95983       | 95984       | 95987       | 96001       |
| ## | 0.634021696 | 0.252828361 | 0.132105300 | 0.155995748 | 0.270383700 | 0.167450195 |
| ## | 96004       | 96018       | 96023       | 96027       | 96036       | 96044       |
| ## | 0.169538234 | 0.126816150 | 0.683644434 | 0.281882553 | 0.284909206 | 0.281882553 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 96057       | 96063       | 96065       | 96067       | 96068       | 96079       |
| ## | 0.163590265 | 0.102199258 | 0.197100169 | 0.136860819 | 0.465526669 | 0.281882553 |
| ## | 96087       | 96092       | 96093       | 96096       | 96102       | 96108       |
| ## | 0.281882553 | 0.281882553 | 0.284909206 | 0.284909206 | 0.281882553 | 0.306448233 |
| ## | 96115       | 96118       | 96122       | 96123       | 96133       | 96149       |
| ## | 0.095655661 | 0.175108765 | 0.226670167 | 0.600100413 | 0.272588140 | 0.320684140 |
| ## | 96150       | 96152       | 96153       | 96154       | 96155       | 96165       |
| ## | 0.320684140 | 0.317446153 | 0.320684140 | 0.317446153 | 0.320684140 | 0.704237730 |
| ## | 96167       | 96168       | 96170       | 96173       | 96175       | 96182       |
| ## | 0.704237730 | 0.704237730 | 0.704237730 | 0.704237730 | 0.704237730 | 0.214446485 |
| ## | 96187       | 96188       | 96190       | 96195       | 96199       | 96201       |
| ## | 0.428209624 | 0.428209624 | 0.428209624 | 0.428209624 | 0.268808862 | 0.428209624 |
| ## | 96203       | 96204       | 96207       | 96211       | 96217       | 96218       |
| ## | 0.268808862 | 0.268808862 | 0.428209624 | 0.268808862 | 0.428209624 | 0.214446485 |
| ## | 96221       | 96225       | 96226       | 96230       | 96231       | 96239       |
| ## | 0.268808862 | 0.424564487 | 0.424564487 | 0.424564487 | 0.214446485 | 0.214446485 |
| ## | 96244       | 96249       | 96253       | 96266       | 96267       | 96273       |
| ## | 0.428209624 | 0.428209624 | 0.428209624 | 0.802445671 | 0.800072390 | 0.790680132 |
| ## | 96275       | 96277       | 96279       | 96281       | 96286       | 96288       |
| ## | 0.790680132 | 0.790680132 | 0.790680132 | 0.579290422 | 0.790680132 | 0.790680132 |
| ## | 96294       | 96301       | 96305       | 96308       | 96309       | 96323       |
| ## | 0.809980150 | 0.800072390 | 0.790680132 | 0.790680132 | 0.790680132 | 0.790680132 |
| ## | 96324       | 96326       | 96331       | 96334       | 96336       | 96354       |
| ## | 0.790680132 | 0.790680132 | 0.304444466 | 0.673655199 | 0.618959517 | 0.322814307 |
| ## | 96361       | 96365       | 96367       | 96372       | 96389       | 96391       |
| ## | 0.730263085 | 0.322814307 | 0.319564929 | 0.322814307 | 0.713043813 | 0.730699125 |
| ## | 96393       | 96407       | 96427       | 96441       | 96446       | 96450       |
| ## | 0.713043813 | 0.286974191 | 0.578188660 | 0.428209624 | 0.428209624 | 0.214446485 |
| ## | 96451       | 96452       | 96453       | 96455       | 96457       | 96464       |
| ## | 0.268808862 | 0.268808862 | 0.268808862 | 0.268808862 | 0.428209624 | 0.428209624 |
| ## | 96472       | 96474       | 96489       | 96496       | 96511       | 96517       |
| ## | 0.790680132 | 0.790680132 | 0.790680132 | 0.790680132 | 0.790680132 | 0.796071894 |
| ## | 96519       | 96524       | 96535       | 96537       | 96538       | 96539       |
| ## | 0.790680132 | 0.790680132 | 0.802445671 | 0.802445671 | 0.790680132 | 0.790680132 |
| ## | 96540       | 96549       | 96552       | 96559       | 96561       | 96563       |
| ## | 0.790680132 | 0.790680132 | 0.809980150 | 0.242797165 | 0.618959517 | 0.322814307 |
| ## | 96565       | 96568       | 96572       | 96577       | 96581       | 96584       |
| ## | 0.322814307 | 0.319564929 | 0.322814307 | 0.322814307 | 0.190759761 | 0.294078995 |
| ## | 96593       | 96594       | 96621       | 96627       | 96631       | 96638       |
| ## | 0.613421243 | 0.584938444 | 0.706266817 | 0.706266817 | 0.706266817 | 0.536701536 |
| ## | 96643       | 96647       | 96658       | 96660       | 96664       | 96667       |
| ## | 0.696580136 | 0.165580962 | 0.188139583 | 0.317446153 | 0.728336002 | 0.729413908 |
| ## | 96671       | 96672       | 96679       | 96685       | 96687       | 96694       |
| ## | 0.728336002 | 0.146815601 | 0.704237730 | 0.719136130 | 0.704237730 | 0.424564487 |
| ## | 96709       | 96714       | 96720       | 96721       | 96723       | 96729       |
| ## | 0.268808862 | 0.180137197 | 0.177946592 | 0.097357837 | 0.180137197 | 0.183221101 |
| ## | 96731       | 96732       | 96735       | 96752       | 96759       | 96767       |
| ## | 0.181001273 | 0.181001273 | 0.097052452 | 0.126445532 | 0.130571028 | 0.110569694 |
| ## | 96769       | 96773       | 96781       | 96784       | 96786       | 96787       |
| ## | 0.199675447 | 0.199675447 | 0.159879065 | 0.188933986 | 0.198473557 | 0.576849062 |
| ## | 96790       | 96797       | 96799       | 96801       | 96803       | 96812       |
| ## | 0.200855117 | 0.523087075 | 0.084833139 | 0.181350436 | 0.188961942 | 0.142363435 |
| ## | 96816       | 96817       | 96819       | 96827       | 96830       | 96831       |
| ## | 0.467592499 | 0.062906061 | 0.521838052 | 0.287337501 | 0.117472118 | 0.117472118 |

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| ## | 96839       | 96848       | 96868       | 96874       | 96877       | 96878       |
| ## | 0.193311808 | 0.167229629 | 0.083560238 | 0.514430985 | 0.104245084 | 0.361408521 |
| ## | 96884       | 96886       | 96887       | 96889       | 96892       | 96893       |
| ## | 0.119026047 | 0.117472118 | 0.117472118 | 0.159122301 | 0.099418208 | 0.099418208 |
| ## | 96898       | 96902       | 96904       | 96905       | 96910       | 96916       |
| ## | 0.188743882 | 0.167229629 | 0.163088721 | 0.183221101 | 0.183221101 | 0.183221101 |
| ## | 96919       | 96922       | 96927       | 96929       | 96935       | 96937       |
| ## | 0.126445532 | 0.225107231 | 0.597953545 | 0.227717582 | 0.126445532 | 0.227717582 |
| ## | 96941       | 96942       | 96948       | 96953       | 96956       | 96962       |
| ## | 0.225107231 | 0.605834856 | 0.140885821 | 0.191435524 | 0.084373512 | 0.073855043 |
| ## | 96964       | 96968       | 96969       | 96971       | 96976       | 96979       |
| ## | 0.134430435 | 0.056635378 | 0.146362763 | 0.144510486 | 0.135440363 | 0.121029109 |
| ## | 96989       | 96993       | 96994       | 96998       | 97004       | 97013       |
| ## | 0.129566588 | 0.679536237 | 0.140121745 | 0.305760675 | 0.305760675 | 0.308933417 |
| ## | 97017       | 97024       | 97035       | 97041       | 97042       | 97043       |
| ## | 0.305760675 | 0.179959025 | 0.305760675 | 0.692765264 | 0.179959025 | 0.305760675 |
| ## | 97061       | 97074       | 97076       | 97078       | 97091       | 97095       |
| ## | 0.268412923 | 0.305760675 | 0.308933417 | 0.305760675 | 0.305760675 | 0.135926079 |
| ## | 97096       | 97103       | 97105       | 97116       | 97121       | 97124       |
| ## | 0.334509318 | 0.337835205 | 0.337835205 | 0.200291903 | 0.337835205 | 0.734122282 |
| ## | 97130       | 97138       | 97145       | 97147       | 97150       | 97151       |
| ## | 0.743851594 | 0.225900298 | 0.232465258 | 0.604379427 | 0.179537278 | 0.181743136 |
| ## | 97153       | 97160       | 97166       | 97172       | 97173       | 97175       |
| ## | 0.181743136 | 0.177084487 | 0.135519361 | 0.196290071 | 0.196290071 | 0.243653151 |
| ## | 97178       | 97182       | 97185       | 97199       | 97208       | 97210       |
| ## | 0.243653151 | 0.135451994 | 0.425782693 | 0.720155548 | 0.225900298 | 0.141260300 |
| ## | 97224       | 97233       | 97238       | 97242       | 97247       | 97255       |
| ## | 0.180809070 | 0.139575314 | 0.135031202 | 0.136781404 | 0.136781404 | 0.136781404 |
| ## | 97258       | 97260       | 97265       | 97271       | 97277       | 97280       |
| ## | 0.120448565 | 0.099456780 | 0.083828507 | 0.368769640 | 0.159818498 | 0.148856254 |
| ## | 97282       | 97290       | 97316       | 97326       | 97330       | 97337       |
| ## | 0.246601153 | 0.385881443 | 0.156939586 | 0.025350434 | 0.052497174 | 0.161325209 |
| ## | 97342       | 97349       | 97350       | 97357       | 97359       | 97360       |
| ## | 0.105462857 | 0.089176169 | 0.164224644 | 0.093977487 | 0.091623059 | 0.159318916 |
| ## | 97366       | 97367       | 97369       | 97388       | 97391       | 97394       |
| ## | 0.156981798 | 0.155019537 | 0.156981798 | 0.075223479 | 0.096153310 | 0.141874760 |
| ## | 97395       | 97401       | 97405       | 97406       | 97417       | 97419       |
| ## | 0.141874760 | 0.482719418 | 0.072814926 | 0.148064504 | 0.096038830 | 0.096038830 |
| ## | 97420       | 97421       | 97424       | 97433       | 97437       | 97442       |
| ## | 0.096038830 | 0.149549045 | 0.125009149 | 0.093090223 | 0.083756114 | 0.340312354 |
| ## | 97445       | 97453       | 97454       | 97460       | 97475       | 97477       |
| ## | 0.105319947 | 0.091367190 | 0.067546978 | 0.068081828 | 0.100109322 | 0.148064504 |
| ## | 97479       | 97482       | 97484       | 97497       | 97500       | 97509       |
| ## | 0.125780309 | 0.102304040 | 0.151131047 | 0.242893999 | 0.137823134 | 0.245645222 |
| ## | 97510       | 97514       | 97522       | 97528       | 97542       | 97544       |
| ## | 0.136457162 | 0.243512442 | 0.229808089 | 0.229808089 | 0.095418137 | 0.507241398 |
| ## | 97546       | 97547       | 97550       | 97551       | 97559       | 97566       |
| ## | 0.160239831 | 0.093101408 | 0.504491820 | 0.158340522 | 0.162635693 | 0.167091687 |
| ## | 97567       | 97569       | 97571       | 97572       | 97576       | 97579       |
| ## | 0.167091687 | 0.171025336 | 0.109217410 | 0.176181317 | 0.173128284 | 0.094470881 |
| ## | 97581       | 97585       | 97587       | 97590       | 97598       | 97611       |
| ## | 0.173128284 | 0.175272220 | 0.153366662 | 0.167393300 | 0.173686512 | 0.099628341 |
| ## | 97612       | 97619       | 97623       | 97638       | 97643       | 97654       |
| ## | 0.145598048 | 0.162455621 | 0.386615182 | 0.169393378 | 0.556873377 | 0.160685914 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 97657       | 97658       | 97659       | 97675       | 97679       | 97682       |
| ## | 0.152069361 | 0.242893999 | 0.245645222 | 0.245645222 | 0.242893999 | 0.243512442 |
| ## | 97687       | 97691       | 97701       | 97705       | 97708       | 97709       |
| ## | 0.240777482 | 0.240777482 | 0.229808089 | 0.131538708 | 0.498586671 | 0.162635693 |
| ## | 97710       | 97715       | 97721       | 97725       | 97728       | 97730       |
| ## | 0.152064604 | 0.167091687 | 0.171025336 | 0.094804568 | 0.175835891 | 0.173686512 |
| ## | 97734       | 97736       | 97739       | 97747       | 97753       | 97755       |
| ## | 0.173686512 | 0.173686512 | 0.173686512 | 0.115192821 | 0.147461862 | 0.160854182 |
| ## | 97763       | 97768       | 97772       | 97778       | 97791       | 97792       |
| ## | 0.298705838 | 0.050984295 | 0.186579118 | 0.041455847 | 0.198259080 | 0.189175054 |
| ## | 97798       | 97803       | 97804       | 97812       | 97813       | 97814       |
| ## | 0.187371512 | 0.570937722 | 0.194655983 | 0.126472521 | 0.463807777 | 0.173231875 |
| ## | 97832       | 97835       | 97838       | 97841       | 97842       | 97853       |
| ## | 0.197002993 | 0.561179291 | 0.181770141 | 0.183259837 | 0.182202712 | 0.084126100 |
| ## | 97855       | 97867       | 97872       | 97873       | 97875       | 97877       |
| ## | 0.388904944 | 0.188256552 | 0.103586970 | 0.550973940 | 0.190544659 | 0.188256552 |
| ## | 97880       | 97890       | 97892       | 97914       | 97930       | 97948       |
| ## | 0.190544659 | 0.114264795 | 0.399684194 | 0.161675367 | 0.554340638 | 0.539448501 |
| ## | 97951       | 97955       | 97958       | 97962       | 97965       | 97973       |
| ## | 0.096014717 | 0.101510207 | 0.187088380 | 0.184832300 | 0.187088380 | 0.180765354 |
| ## | 97975       | 97977       | 97978       | 97990       | 97994       | 97996       |
| ## | 0.534920765 | 0.100283214 | 0.182803070 | 0.501300853 | 0.164119645 | 0.166174442 |
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| ## | 0.123105739 | 0.097543736 | 0.178255981 | 0.394281751 | 0.321483831 | 0.081423392 |
| ## | 98030       | 98031       | 98035       | 98038       | 98039       | 98040       |
| ## | 0.112765069 | 0.112765069 | 0.397628440 | 0.500574711 | 0.159267761 | 0.043456074 |
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| ## | 98130       | 98136       | 98146       | 98154       | 98164       | 98173       |
| ## | 0.536865866 | 0.042877043 | 0.428387022 | 0.098423549 | 0.331105431 | 0.292676218 |
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| ## | 0.170932526 | 0.295771033 | 0.298087929 | 0.294979026 | 0.272565568 | 0.290770693 |
| ## | 98193       | 98198       | 98201       | 98203       | 98206       | 98207       |
| ## | 0.218144510 | 0.284066411 | 0.274320369 | 0.258756784 | 0.279275624 | 0.276285694 |
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| ## | 0.298397241 | 0.166268305 | 0.233512471 | 0.298138112 | 0.298138112 | 0.301266082 |
| ## | 98244       | 98248       | 98249       | 98256       | 98262       | 98270       |
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| ## | 98307       | 98311       | 98339       | 98340       | 98341       | 98344       |
| ## | 0.728617673 | 0.720691041 | 0.275711017 | 0.218144510 | 0.218144510 | 0.279720805 |
| ## | 98352       | 98354       | 98356       | 98357       | 98358       | 98365       |
| ## | 0.277297179 | 0.280428145 | 0.156466087 | 0.163858974 | 0.279275624 | 0.301526762 |
| ## | 98367       | 98376       | 98384       | 98389       | 98397       | 98401       |
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| ## | 98408       | 98417       | 98423       | 98426       | 98428       | 98441       |
| ## | 0.279293271 | 0.094996083 | 0.151602119 | 0.164531631 | 0.164531631 | 0.163739649 |

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| ## | 98442       | 98448       | 98457       | 98458       | 98462       | 98472       |
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| ## | 98473       | 98476       | 98477       | 98480       | 98514       | 98525       |
| ## | 0.066584498 | 0.081316833 | 0.319111502 | 0.062188950 | 0.066584498 | 0.264098176 |
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| ## | 98567       | 98584       | 98587       | 98589       | 98597       | 98598       |
| ## | 0.208068746 | 0.329549546 | 0.196733873 | 0.332850785 | 0.329549546 | 0.329549546 |
| ## | 98600       | 98603       | 98605       | 98615       | 98616       | 98625       |
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| ## | 0.219481089 | 0.617998432 | 0.614473896 | 0.234167995 | 0.234167995 | 0.234167995 |
| ## | 98644       | 98646       | 98647       | 98650       | 98657       | 98658       |
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| ## | 0.328761024 | 0.733814316 | 0.325898303 | 0.343622131 | 0.327285831 | 0.324012979 |
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| ## | 98851       | 98859       | 98865       | 98872       | 98874       | 98877       |
| ## | 0.353229958 | 0.356642228 | 0.288444361 | 0.363261997 | 0.730421502 | 0.330320273 |
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| ## | 0.746627163 | 0.352540331 | 0.326902314 | 0.724836580 | 0.692472065 | 0.321403678 |
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| ## | 0.318115731 | 0.334333828 | 0.185097197 | 0.316333531 | 0.477730129 | 0.477730129 |
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| ## | 0.481449819 | 0.477730129 | 0.477730129 | 0.313082058 | 0.481449819 | 0.481449819 |
| ## | 98968       | 98975       | 98980       | 98988       | 98990       | 98993       |
| ## | 0.481449819 | 0.477730129 | 0.477730129 | 0.313082058 | 0.481449819 | 0.313082058 |
| ## | 98996       | 99000       | 99003       | 99006       | 99009       | 99012       |
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| ## | 0.313082058 | 0.481449819 | 0.313082058 | 0.826632003 | 0.834322284 | 0.313082058 |
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| ## | 0.481449819 | 0.690016024 | 0.323039153 | 0.189669554 | 0.324378639 | 0.323554450 |
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| ## | 0.336911928 | 0.235517160 | 0.339221439 | 0.196139044 | 0.306282250 | 0.592570043 |
| ## | 99109       | 99119       | 99124       | 99126       | 99127       | 99133       |
| ## | 0.317224015 | 0.330223214 | 0.730507432 | 0.192817708 | 0.341214102 | 0.310054951 |
| ## | 99135       | 99136       | 99140       | 99141       | 99142       | 99152       |
| ## | 0.324544931 | 0.329222968 | 0.332936330 | 0.332936330 | 0.153930150 | 0.697663735 |
| ## | 99153       | 99158       | 99162       | 99167       | 99169       | 99172       |
| ## | 0.336115790 | 0.711776838 | 0.357274848 | 0.357274848 | 0.318320133 | 0.316459674 |
| ## | 99175       | 99187       | 99188       | 99192       | 99194       | 99197       |
| ## | 0.316459674 | 0.334333828 | 0.331025178 | 0.343708486 | 0.347078136 | 0.742480772 |

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| ## | 99199       | 99207       | 99209       | 99213       | 99218       | 99221       |
| ## | 0.347078136 | 0.321887619 | 0.318643180 | 0.321887619 | 0.709110392 | 0.632258716 |
| ## | 99226       | 99229       | 99231       | 99234       | 99236       | 99241       |
| ## | 0.343798625 | 0.190362089 | 0.194473581 | 0.726515728 | 0.325480558 | 0.321964631 |
| ## | 99245       | 99256       | 99263       | 99275       | 99278       | 99292       |
| ## | 0.348031436 | 0.320124374 | 0.339340902 | 0.450691077 | 0.450691077 | 0.450691077 |
| ## | 99296       | 99297       | 99298       | 99301       | 99304       | 99305       |
| ## | 0.646818163 | 0.388702477 | 0.392249597 | 0.392249597 | 0.777809102 | 0.388702477 |
| ## | 99306       | 99307       | 99308       | 99309       | 99314       | 99319       |
| ## | 0.392249597 | 0.770867431 | 0.392249597 | 0.777426105 | 0.392249597 | 0.388702477 |
| ## | 99323       | 99325       | 99333       | 99334       | 99335       | 99344       |
| ## | 0.392249597 | 0.185079872 | 0.388702477 | 0.392249597 | 0.388702477 | 0.388702477 |
| ## | 99346       | 99355       | 99360       | 99377       | 99378       | 99379       |
| ## | 0.392249597 | 0.392249597 | 0.299455695 | 0.236520115 | 0.321562835 | 0.321562835 |
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| ## | 0.344319669 | 0.340962815 | 0.315537419 | 0.726401555 | 0.733244872 | 0.343482522 |
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| ## | 0.325940131 | 0.311047611 | 0.348365947 | 0.357274848 | 0.318320133 | 0.321562835 |
| ## | 99652       | 99653       | 99656       | 99660       | 99663       | 99664       |
| ## | 0.144394706 | 0.313244673 | 0.316459674 | 0.711689123 | 0.702987266 | 0.314923109 |
| ## | 99665       | 99666       | 99669       | 99671       | 99672       | 99686       |
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| ## | 0.325021465 | 0.712175005 | 0.318643180 | 0.632258716 | 0.311005993 | 0.739427872 |
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| ## | 0.321964631 | 0.345965726 | 0.345965726 | 0.345965726 | 0.324043534 | 0.447004175 |
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| ## | 0.731646262 | 0.388702477 | 0.240602230 | 0.777809102 | 0.388702477 | 0.388702477 |
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| ## | 99912       | 99915       | 99931       | 99934       | 99935       | 99936       |
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| ## | 99955       | 99958       | 99963       | 99964       | 99969       | 99977       |
| ## | 0.308301573 | 0.315537419 | 0.630136149 | 0.335851171 | 0.333018296 | 0.316333531 |
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| ## | 0.313082058 | 0.313082058 | 0.313082058 | 0.313082058 | 0.313082058 | 0.477730129 |
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| ## | 0.323554450 | 0.323554450 | 0.339221439 | 0.203692043 | 0.730905111 | 0.742542540 |
| ## | 100153      | 100158      | 100162      | 100167      | 100169      | 100173      |
| ## | 0.277326336 | 0.333527845 | 0.333722429 | 0.239497793 | 0.236793808 | 0.196643328 |
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| ## | 0.194299566 | 0.196643328 | 0.229289919 | 0.194371453 | 0.205652894 | 0.143936785 |
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| ## | 0.196657893 | 0.217995477 | 0.142995905 | 0.192457908 | 0.188970928 | 0.164740423 |
| ## | 100249      | 100253      | 100255      | 100265      | 100267      | 100273      |
| ## | 0.110899174 | 0.552224588 | 0.542088444 | 0.162729241 | 0.130301367 | 0.539291322 |
| ## | 100275      | 100286      | 100288      | 100302      | 100311      | 100325      |
| ## | 0.542991994 | 0.194775800 | 0.198297998 | 0.502776588 | 0.586146655 | 0.188807284 |
| ## | 100327      | 100331      | 100333      | 100336      | 100340      | 100343      |
| ## | 0.198517983 | 0.161587667 | 0.171158752 | 0.124892995 | 0.490166523 | 0.474752208 |
| ## | 100357      | 100358      | 100363      | 100364      | 100369      | 100371      |
| ## | 0.190420749 | 0.190420749 | 0.190420749 | 0.190420749 | 0.065756291 | 0.190420749 |
| ## | 100386      | 100394      | 100409      | 100411      | 100414      | 100440      |
| ## | 0.188133784 | 0.140145127 | 0.334203791 | 0.145110295 | 0.120746007 | 0.175792203 |
| ## | 100442      | 100445      | 100447      | 100454      | 100455      | 100460      |
| ## | 0.096065113 | 0.164132279 | 0.088460760 | 0.167236068 | 0.144496798 | 0.176459103 |
| ## | 100465      | 100466      | 100484      | 100496      | 100510      | 100514      |
| ## | 0.161906502 | 0.517177438 | 0.095689743 | 0.151732027 | 0.162307930 | 0.162998718 |
| ## | 100515      | 100525      | 100530      | 100534      | 100536      | 100540      |
| ## | 0.147002242 | 0.173367554 | 0.153666341 | 0.158772523 | 0.161400316 | 0.155258923 |
| ## | 100541      | 100544      | 100548      | 100550      | 100561      | 100562      |
| ## | 0.155258923 | 0.083896379 | 0.083896379 | 0.083896379 | 0.097468001 | 0.518042869 |
| ## | 100563      | 100564      | 100565      | 100578      | 100591      | 100593      |
| ## | 0.518042869 | 0.518042869 | 0.165397031 | 0.165332852 | 0.170711662 | 0.147951100 |
| ## | 100594      | 100602      | 100609      | 100611      | 100616      | 100617      |
| ## | 0.475185231 | 0.174515611 | 0.136160859 | 0.152709393 | 0.161400316 | 0.161400316 |
| ## | 100622      | 100624      | 100625      | 100631      | 100635      | 100639      |
| ## | 0.155258923 | 0.083896379 | 0.083896379 | 0.083896379 | 0.083896379 | 0.493012776 |
| ## | 100647      | 100654      | 100658      | 100663      | 100670      | 100685      |
| ## | 0.175792203 | 0.177962028 | 0.175792203 | 0.103228834 | 0.094504923 | 0.151732027 |
| ## | 100691      | 100696      | 100697      | 100703      | 100704      | 100709      |
| ## | 0.531312323 | 0.152926283 | 0.082531153 | 0.150202635 | 0.138697082 | 0.147396330 |
| ## | 100718      | 100727      | 100728      | 100730      | 100734      | 100740      |
| ## | 0.149279143 | 0.410508805 | 0.119733568 | 0.444046270 | 0.080887587 | 0.127590377 |
| ## | 100746      | 100755      | 100760      | 100764      | 100767      | 100770      |
| ## | 0.132715972 | 0.436236857 | 0.440715464 | 0.197691383 | 0.111980719 | 0.195095969 |
| ## | 100771      | 100774      | 100778      | 100780      | 100791      | 100795      |
| ## | 0.561869741 | 0.197446984 | 0.082300216 | 0.197446984 | 0.370928004 | 0.200065900 |
| ## | 100802      | 100804      | 100805      | 100825      | 100827      | 100838      |
| ## | 0.152079416 | 0.152079416 | 0.410839505 | 0.664617658 | 0.264682174 | 0.152079416 |

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| ## | 100844      | 100849      | 100850      | 100852      | 100853      | 100855      |
| ## | 0.152079416 | 0.267592962 | 0.152079416 | 0.664617658 | 0.648241888 | 0.264682174 |
| ## | 100864      | 100871      | 100878      | 100887      | 100892      | 100893      |
| ## | 0.187269669 | 0.141059240 | 0.497530490 | 0.180224828 | 0.103232220 | 0.142874668 |
| ## | 100898      | 100909      | 100913      | 100916      | 100918      | 100937      |
| ## | 0.100210763 | 0.110645409 | 0.166292222 | 0.168368742 | 0.517651048 | 0.178033389 |
| ## | 100938      | 100946      | 100948      | 100950      | 100954      | 100959      |
| ## | 0.175866995 | 0.168266824 | 0.097488450 | 0.177468634 | 0.097070777 | 0.179654641 |
| ## | 100966      | 100970      | 100973      | 100982      | 100986      | 100991      |
| ## | 0.177468634 | 0.112630220 | 0.152716252 | 0.186440123 | 0.163041026 | 0.094985444 |
| ## | 101002      | 101015      | 101018      | 101019      | 101021      | 101033      |
| ## | 0.111636775 | 0.184523678 | 0.184523678 | 0.184523678 | 0.544876575 | 0.146473163 |
| ## | 101038      | 101042      | 101043      | 101050      | 101053      | 101060      |
| ## | 0.154594210 | 0.142935003 | 0.141118934 | 0.184523678 | 0.092871488 | 0.126079357 |
| ## | 101061      | 101062      | 101063      | 101064      | 101066      | 101072      |
| ## | 0.077697550 | 0.482076524 | 0.151117191 | 0.151117191 | 0.153039002 | 0.125346934 |
| ## | 101085      | 101089      | 101091      | 101092      | 101099      | 101102      |
| ## | 0.076230466 | 0.040316782 | 0.030251544 | 0.092157307 | 0.132695248 | 0.134419878 |
| ## | 101111      | 101118      | 101120      | 101123      | 101127      | 101139      |
| ## | 0.070834128 | 0.081347982 | 0.136243943 | 0.138977793 | 0.072132349 | 0.044902757 |
| ## | 101140      | 101145      | 101157      | 101166      | 101182      | 101185      |
| ## | 0.137604427 | 0.054966331 | 0.274656967 | 0.150358880 | 0.162849682 | 0.093146999 |
| ## | 101190      | 101195      | 101196      | 101202      | 101218      | 101220      |
| ## | 0.110778280 | 0.038255371 | 0.073928439 | 0.116451607 | 0.578249718 | 0.192507414 |
| ## | 101229      | 101243      | 101245      | 101269      | 101273      | 101274      |
| ## | 0.584479364 | 0.167560477 | 0.193667452 | 0.613577954 | 0.227781663 | 0.228238603 |
| ## | 101275      | 101279      | 101292      | 101295      | 101301      | 101308      |
| ## | 0.541541700 | 0.526414000 | 0.112540162 | 0.225170792 | 0.225873984 | 0.136951499 |
| ## | 101313      | 101314      | 101316      | 101317      | 101318      | 101326      |
| ## | 0.636282697 | 0.136951499 | 0.216994731 | 0.188648961 | 0.615226849 | 0.234738680 |
| ## | 101331      | 101336      | 101343      | 101352      | 101353      | 101358      |
| ## | 0.176250178 | 0.166630292 | 0.272817371 | 0.272817371 | 0.269870694 | 0.155527477 |
| ## | 101363      | 101365      | 101369      | 101377      | 101379      | 101382      |
| ## | 0.269870694 | 0.116622359 | 0.269870694 | 0.272817371 | 0.269870694 | 0.272817371 |
| ## | 101384      | 101385      | 101386      | 101395      | 101405      | 101409      |
| ## | 0.155527477 | 0.654259257 | 0.272817371 | 0.234182105 | 0.167560477 | 0.454772814 |
| ## | 101410      | 101414      | 101417      | 101442      | 101448      | 101449      |
| ## | 0.611463602 | 0.630624156 | 0.618332836 | 0.171935663 | 0.591322686 | 0.137701701 |
| ## | 101454      | 101468      | 101474      | 101481      | 101488      | 101497      |
| ## | 0.227781663 | 0.487182059 | 0.241544028 | 0.244284893 | 0.237426497 | 0.176421729 |
| ## | 101503      | 101516      | 101519      | 101530      | 101550      | 101555      |
| ## | 0.166630292 | 0.269870694 | 0.654259257 | 0.272817371 | 0.272817371 | 0.234182105 |
| ## | 101556      | 101560      | 101567      | 101568      | 101571      | 101576      |
| ## | 0.101642123 | 0.490099276 | 0.472623189 | 0.183274894 | 0.195483733 | 0.504851683 |
| ## | 101580      | 101583      | 101589      | 101591      | 101593      | 101594      |
| ## | 0.177370369 | 0.200508988 | 0.579417541 | 0.200508988 | 0.579417541 | 0.202908789 |
| ## | 101598      | 101609      | 101614      | 101616      | 101634      | 101641      |
| ## | 0.579417541 | 0.111082894 | 0.182416044 | 0.168862036 | 0.185084211 | 0.199982235 |
| ## | 101643      | 101650      | 101652      | 101657      | 101658      | 101661      |
| ## | 0.197608466 | 0.574977783 | 0.574977783 | 0.549702037 | 0.183720199 | 0.183720199 |
| ## | 101665      | 101668      | 101671      | 101677      | 101685      | 101691      |
| ## | 0.531669124 | 0.545461213 | 0.099494136 | 0.449407083 | 0.352103074 | 0.195483733 |
| ## | 101699      | 101703      | 101705      | 101712      | 101720      | 101723      |
| ## | 0.518646065 | 0.202908789 | 0.111082894 | 0.202908789 | 0.202908789 | 0.202908789 |

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| ## | 101727      | 101730      | 101731      | 101736      | 101737      | 101739      |
| ## | 0.202908789 | 0.357851451 | 0.348774535 | 0.100049507 | 0.527418776 | 0.168862036 |
| ## | 101742      | 101748      | 101749      | 101750      | 101760      | 101762      |
| ## | 0.509843587 | 0.545799109 | 0.187342659 | 0.185084211 | 0.453751353 | 0.453751353 |
| ## | 101769      | 101776      | 101777      | 101779      | 101780      | 101781      |
| ## | 0.197608466 | 0.586654175 | 0.575518934 | 0.574977783 | 0.575518934 | 0.575518934 |
| ## | 101793      | 101794      | 101797      | 101809      | 101815      | 101816      |
| ## | 0.183720199 | 0.183720199 | 0.181495668 | 0.351527637 | 0.115013780 | 0.203744249 |
| ## | 101821      | 101828      | 101835      | 101836      | 101838      | 101839      |
| ## | 0.183530708 | 0.113505484 | 0.127967620 | 0.114225436 | 0.178136593 | 0.151977815 |
| ## | 101847      | 101849      | 101853      | 101858      | 101861      | 101864      |
| ## | 0.160251871 | 0.145572424 | 0.203744249 | 0.169756197 | 0.544057989 | 0.178136593 |
| ## | 101865      | 101871      | 101878      | 101879      | 101889      | 101894      |
| ## | 0.099864352 | 0.090073610 | 0.167406935 | 0.112677033 | 0.124019081 | 0.036806438 |
| ## | 101896      | 101898      | 101899      | 101900      | 101906      | 101910      |
| ## | 0.115086050 | 0.123920910 | 0.124019081 | 0.481394345 | 0.580904394 | 0.111687087 |
| ## | 101911      | 101917      | 101921      | 101924      | 101930      | 101931      |
| ## | 0.111687087 | 0.111687087 | 0.203897872 | 0.405448654 | 0.203897872 | 0.203897872 |
| ## | 101936      | 101937      | 101952      | 101953      | 101959      | 101962      |
| ## | 0.201489331 | 0.203897872 | 0.108711441 | 0.193311454 | 0.193311454 | 0.125799178 |
| ## | 101971      | 101982      | 102005      | 102007      | 102013      | 102018      |
| ## | 0.185752050 | 0.204343661 | 0.399536928 | 0.086579714 | 0.104243323 | 0.121861134 |
| ## | 102019      | 102026      | 102027      | 102028      | 102029      | 102041      |
| ## | 0.168008117 | 0.098714219 | 0.180201586 | 0.464067545 | 0.110388971 | 0.211322500 |
| ## | 102042      | 102053      | 102078      | 102093      | 102095      | 102096      |
| ## | 0.604752825 | 0.497481559 | 0.456806378 | 0.192981490 | 0.189981444 | 0.192285549 |
| ## | 102100      | 102101      | 102108      | 102109      | 102124      | 102128      |
| ## | 0.194813659 | 0.107585840 | 0.166669790 | 0.121713931 | 0.065839771 | 0.526481876 |
| ## | 102143      | 102145      | 102146      | 102153      | 102154      | 102156      |
| ## | 0.153377406 | 0.153377406 | 0.153377406 | 0.196000567 | 0.196000567 | 0.106027915 |
| ## | 102164      | 102165      | 102166      | 102168      | 102170      | 102172      |
| ## | 0.201079070 | 0.185428888 | 0.183188310 | 0.197102878 | 0.091645405 | 0.190754783 |
| ## | 102174      | 102177      | 102181      | 102185      | 102189      | 102194      |
| ## | 0.168008117 | 0.058193825 | 0.180201586 | 0.135634215 | 0.203337783 | 0.198729904 |
| ## | 102195      | 102202      | 102204      | 102206      | 102210      | 102224      |
| ## | 0.110120216 | 0.198944765 | 0.211322500 | 0.208849263 | 0.480958299 | 0.120129696 |
| ## | 102225      | 102228      | 102234      | 102236      | 102237      | 102239      |
| ## | 0.048942538 | 0.177429495 | 0.404115957 | 0.110092358 | 0.110092358 | 0.192159962 |
| ## | 102240      | 102249      | 102250      | 102252      | 102256      | 102259      |
| ## | 0.210106987 | 0.099284983 | 0.175801647 | 0.108194076 | 0.125257764 | 0.196646783 |
| ## | 102262      | 102271      | 102273      | 102275      | 102278      | 102283      |
| ## | 0.153377406 | 0.212099017 | 0.196000567 | 0.196000567 | 0.194589884 | 0.144375781 |
| ## | 102286      | 102288      | 102289      | 102290      | 102292      | 102297      |
| ## | 0.186118452 | 0.203483958 | 0.203483958 | 0.162141046 | 0.185428888 | 0.190262808 |
| ## | 102300      | 102304      | 102316      | 102320      | 102321      | 102322      |
| ## | 0.193066032 | 0.120275245 | 0.142843747 | 0.137931996 | 0.166657060 | 0.114942118 |
| ## | 102323      | 102324      | 102327      | 102334      | 102336      | 102357      |
| ## | 0.128137948 | 0.117557928 | 0.065839771 | 0.111687087 | 0.203897872 | 0.522357045 |
| ## | 102364      | 102366      | 102368      | 102369      | 102370      | 102371      |
| ## | 0.145980940 | 0.197280732 | 0.193311454 | 0.571438463 | 0.106667143 | 0.193311454 |
| ## | 102374      | 102376      | 102382      | 102389      | 102391      | 102392      |
| ## | 0.193311454 | 0.195646191 | 0.185752050 | 0.201931190 | 0.201931190 | 0.111959625 |
| ## | 102397      | 102400      | 102404      | 102409      | 102412      | 102426      |
| ## | 0.111959625 | 0.111959625 | 0.111959625 | 0.201931190 | 0.204343661 | 0.206367522 |

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| ## | 102430      | 102433      | 102435      | 102441      | 102442      | 102445      |
| ## | 0.181087199 | 0.118686789 | 0.442039261 | 0.156701227 | 0.158680777 | 0.445985590 |
| ## | 102449      | 102450      | 102466      | 102469      | 102471      | 102475      |
| ## | 0.487530806 | 0.029124041 | 0.147142445 | 0.135700523 | 0.488432868 | 0.480128850 |
| ## | 102487      | 102491      | 102493      | 102498      | 102506      | 102508      |
| ## | 0.081583004 | 0.081583004 | 0.153226523 | 0.477184280 | 0.156719671 | 0.159474438 |
| ## | 102510      | 102513      | 102536      | 102542      | 102545      | 102547      |
| ## | 0.144449627 | 0.503284860 | 0.169672626 | 0.099556742 | 0.135268160 | 0.134768483 |
| ## | 102551      | 102552      | 102553      | 102554      | 102555      | 102556      |
| ## | 0.153026924 | 0.153026924 | 0.153026924 | 0.082589984 | 0.153026924 | 0.153026924 |
| ## | 102557      | 102562      | 102564      | 102565      | 102571      | 102573      |
| ## | 0.153026924 | 0.149799502 | 0.149799502 | 0.151707550 | 0.156701227 | 0.487530806 |
| ## | 102579      | 102584      | 102585      | 102591      | 102592      | 102593      |
| ## | 0.171526918 | 0.079160926 | 0.427074911 | 0.085022694 | 0.159933282 | 0.159933282 |
| ## | 102597      | 102603      | 102616      | 102623      | 102627      | 102632      |
| ## | 0.152824238 | 0.090730576 | 0.081583004 | 0.059863812 | 0.151302778 | 0.159474438 |
| ## | 102633      | 102638      | 102640      | 102642      | 102644      | 102646      |
| ## | 0.159474438 | 0.503284860 | 0.114237832 | 0.115754589 | 0.151445746 | 0.095602401 |
| ## | 102648      | 102658      | 102660      | 102661      | 102670      | 102678      |
| ## | 0.226293886 | 0.077362065 | 0.077362065 | 0.145887690 | 0.167583265 | 0.128758002 |
| ## | 102685      | 102689      | 102694      | 102701      | 102703      | 102704      |
| ## | 0.142960239 | 0.142960239 | 0.129543628 | 0.121669942 | 0.153995705 | 0.153995705 |
| ## | 102706      | 102715      | 102718      | 102725      | 102726      | 102736      |
| ## | 0.081605926 | 0.076772692 | 0.135795052 | 0.461781079 | 0.452471872 | 0.123952481 |
| ## | 102737      | 102747      | 102749      | 102751      | 102752      | 102754      |
| ## | 0.120262720 | 0.106070337 | 0.123271644 | 0.026658285 | 0.050498791 | 0.095385513 |
| ## | 102755      | 102764      | 102771      | 102775      | 102787      | 102811      |
| ## | 0.081434170 | 0.090108939 | 0.110376174 | 0.562637938 | 0.187715752 | 0.062224467 |
| ## | 102816      | 102823      | 102829      | 102831      | 102841      | 102854      |
| ## | 0.146245377 | 0.146245377 | 0.113558660 | 0.111184164 | 0.454340227 | 0.484789961 |
| ## | 102856      | 102857      | 102861      | 102865      | 102870      | 102872      |
| ## | 0.056217343 | 0.115067571 | 0.106672137 | 0.091697783 | 0.112340482 | 0.085448120 |
| ## | 102873      | 102885      | 102887      | 102888      | 102891      | 102900      |
| ## | 0.076192910 | 0.154956568 | 0.153015028 | 0.153015028 | 0.088420957 | 0.177565724 |
| ## | 102901      | 102906      | 102919      | 102920      | 102925      | 102928      |
| ## | 0.179752666 | 0.177565724 | 0.169616756 | 0.134665617 | 0.117731689 | 0.149051643 |
| ## | 102930      | 102941      | 102948      | 102949      | 102952      | 102957      |
| ## | 0.444722195 | 0.147067249 | 0.486829812 | 0.407208020 | 0.106024606 | 0.126715266 |
| ## | 102958      | 102966      | 102969      | 102975      | 102982      | 102984      |
| ## | 0.434298654 | 0.150222775 | 0.395703932 | 0.493452063 | 0.165464509 | 0.039817421 |
| ## | 102995      | 102996      | 103000      | 103005      | 103011      | 103016      |
| ## | 0.675677450 | 0.681471365 | 0.252313542 | 0.683925834 | 0.649625514 | 0.691790439 |
| ## | 103018      | 103022      | 103023      | 103035      | 103044      | 103047      |
| ## | 0.716944286 | 0.532954907 | 0.590659094 | 0.679986106 | 0.707498275 | 0.316951530 |
| ## | 103062      | 103063      | 103069      | 103077      | 103083      | 103090      |
| ## | 0.297561536 | 0.681191485 | 0.273077583 | 0.688823503 | 0.576008088 | 0.687498930 |
| ## | 103094      | 103103      | 103121      | 103128      | 103129      | 103131      |
| ## | 0.293961039 | 0.412511151 | 0.263736707 | 0.215205312 | 0.219863113 | 0.691138854 |
| ## | 103139      | 103141      | 103144      | 103153      | 103160      | 103162      |
| ## | 0.651228837 | 0.293183610 | 0.293183610 | 0.305352464 | 0.687103610 | 0.303311817 |
| ## | 103169      | 103172      | 103175      | 103182      | 103188      | 103189      |
| ## | 0.676213788 | 0.676213788 | 0.683805009 | 0.213497670 | 0.114331924 | 0.641095455 |
| ## | 103191      | 103195      | 103199      | 103204      | 103206      | 103207      |
| ## | 0.211044779 | 0.273666593 | 0.273666593 | 0.682806594 | 0.206290281 | 0.703078261 |

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| ## | 103209      | 103210      | 103214      | 103225      | 103226      | 103233      |
| ## | 0.316242586 | 0.319474043 | 0.293809124 | 0.691329523 | 0.301029887 | 0.301218292 |
| ## | 103236      | 103239      | 103240      | 103243      | 103253      | 103255      |
| ## | 0.304364565 | 0.269106961 | 0.272048406 | 0.680220705 | 0.268526064 | 0.651724981 |
| ## | 103256      | 103257      | 103270      | 103271      | 103273      | 103276      |
| ## | 0.256511479 | 0.173022297 | 0.631536058 | 0.650211213 | 0.674162079 | 0.647077873 |
| ## | 103279      | 103282      | 103284      | 103287      | 103289      | 103293      |
| ## | 0.229010249 | 0.599715835 | 0.577914927 | 0.634409455 | 0.646144521 | 0.674162079 |
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| ## | 0.647077873 | 0.185138581 | 0.297287874 | 0.680907009 | 0.194611827 | 0.291526472 |
| ## | 103302      | 103313      | 103315      | 103323      | 103332      | 103344      |
| ## | 0.648507094 | 0.713648818 | 0.330700718 | 0.737695147 | 0.288958085 | 0.152864241 |
| ## | 103345      | 103351      | 103352      | 103361      | 103365      | 103371      |
| ## | 0.210550414 | 0.254242500 | 0.632295589 | 0.683187816 | 0.683187816 | 0.298958775 |
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| ## | 0.692902550 | 0.685859445 | 0.302091649 | 0.650497244 | 0.269958300 | 0.216553064 |
| ## | 103403      | 103405      | 103408      | 103416      | 103425      | 103429      |
| ## | 0.687980493 | 0.687980493 | 0.674945627 | 0.713499465 | 0.698047622 | 0.668209215 |
| ## | 103431      | 103435      | 103438      | 103450      | 103460      | 103462      |
| ## | 0.702035127 | 0.704380383 | 0.295088735 | 0.327410338 | 0.281197035 | 0.288958085 |
| ## | 103467      | 103468      | 103469      | 103472      | 103474      | 103477      |
| ## | 0.549987256 | 0.572703197 | 0.643320948 | 0.219613547 | 0.648395387 | 0.206742428 |
| ## | 103478      | 103480      | 103486      | 103488      | 103489      | 103490      |
| ## | 0.265865895 | 0.265865895 | 0.680689493 | 0.300200423 | 0.632295589 | 0.632295589 |
| ## | 103497      | 103503      | 103505      | 103508      | 103520      | 103521      |
| ## | 0.633026328 | 0.683187816 | 0.683187816 | 0.573534078 | 0.275892972 | 0.657745474 |
| ## | 103523      | 103524      | 103527      | 103528      | 103538      | 103542      |
| ## | 0.687749149 | 0.164683938 | 0.202015783 | 0.581517644 | 0.297831045 | 0.248101190 |
| ## | 103543      | 103548      | 103551      | 103552      | 103553      | 103562      |
| ## | 0.629921104 | 0.677772494 | 0.683925834 | 0.709451958 | 0.300206031 | 0.256511479 |
| ## | 103563      | 103568      | 103573      | 103576      | 103577      | 103578      |
| ## | 0.187608067 | 0.307957323 | 0.195490492 | 0.624071201 | 0.206011016 | 0.656793703 |
| ## | 103581      | 103584      | 103597      | 103601      | 103606      | 103607      |
| ## | 0.712670413 | 0.653136928 | 0.700645295 | 0.700645295 | 0.700645295 | 0.193856886 |
| ## | 103613      | 103622      | 103623      | 103625      | 103627      | 103633      |
| ## | 0.677987162 | 0.681191485 | 0.294455820 | 0.681191485 | 0.688291682 | 0.541234112 |
| ## | 103635      | 103637      | 103640      | 103641      | 103646      | 103647      |
| ## | 0.676923942 | 0.670935332 | 0.304143407 | 0.706422017 | 0.166165516 | 0.281411537 |
| ## | 103653      | 103657      | 103659      | 103663      | 103664      | 103669      |
| ## | 0.121759888 | 0.695453830 | 0.695453830 | 0.637484822 | 0.561784942 | 0.680174710 |
| ## | 103671      | 103673      | 103676      | 103688      | 103689      | 103690      |
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| ## | 103693      | 103696      | 103697      | 103700      | 103702      | 103711      |
| ## | 0.252981513 | 0.300088634 | 0.300088634 | 0.711419871 | 0.169358867 | 0.592316179 |
| ## | 103728      | 103730      | 103737      | 103743      | 103747      | 103752      |
| ## | 0.682806594 | 0.677449842 | 0.319474043 | 0.293809124 | 0.277728518 | 0.307496997 |
| ## | 103756      | 103760      | 103774      | 103781      | 103789      | 103792      |
| ## | 0.691329523 | 0.166853364 | 0.168935471 | 0.163004498 | 0.284036552 | 0.284036552 |
| ## | 103805      | 103810      | 103812      | 103816      | 103818      | 103823      |
| ## | 0.284036552 | 0.196422590 | 0.196422590 | 0.284036552 | 0.281015526 | 0.281015526 |
| ## | 103828      | 103830      | 103831      | 103836      | 103838      | 103843      |
| ## | 0.126342169 | 0.284036552 | 0.281015526 | 0.281015526 | 0.281015526 | 0.284036552 |
| ## | 103852      | 103861      | 103867      | 103870      | 103874      | 103884      |
| ## | 0.284036552 | 0.305537794 | 0.286477410 | 0.245138972 | 0.283950046 | 0.727486892 |



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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 103885      | 103893      | 103900      | 103907      | 103913      | 103915      |
| ## | 0.319750907 | 0.703343978 | 0.703343978 | 0.703343978 | 0.703343978 | 0.319750907 |
| ## | 103928      | 103932      | 103936      | 103940      | 103949      | 103952      |
| ## | 0.423517420 | 0.789969692 | 0.787486226 | 0.789969692 | 0.789969692 | 0.789969692 |
| ## | 103954      | 103961      | 103965      | 103967      | 103968      | 103977      |
| ## | 0.789969692 | 0.809319418 | 0.427160240 | 0.183875239 | 0.321877812 | 0.321877812 |
| ## | 103979      | 103983      | 103986      | 103987      | 104009      | 104012      |
| ## | 0.321877812 | 0.705376631 | 0.729417760 | 0.705376631 | 0.321877812 | 0.321877812 |
| ## | 104014      | 104022      | 104026      | 104029      | 104031      | 104033      |
| ## | 0.188977137 | 0.663193046 | 0.188977137 | 0.321877812 | 0.720240452 | 0.321877812 |
| ## | 104044      | 104046      | 104048      | 104057      | 104078      | 104082      |
| ## | 0.532386119 | 0.183109635 | 0.678489211 | 0.230423421 | 0.789969692 | 0.789969692 |
| ## | 104087      | 104091      | 104093      | 104101      | 104108      | 104110      |
| ## | 0.149348022 | 0.321877812 | 0.321877812 | 0.321877812 | 0.703343978 | 0.727486892 |
| ## | 104111      | 104133      | 104136      | 104146      | 104147      | 104155      |
| ## | 0.319750907 | 0.703343978 | 0.319750907 | 0.669435968 | 0.669435968 | 0.286990027 |
| ## | 104163      | 104166      | 104178      | 104181      | 104182      | 104187      |
| ## | 0.695673243 | 0.718269388 | 0.316517952 | 0.789969692 | 0.427160240 | 0.427160240 |
| ## | 104189      | 104202      | 104203      | 104207      | 104210      | 104211      |
| ## | 0.427160240 | 0.787486226 | 0.789969692 | 0.267967043 | 0.789969692 | 0.789969692 |
| ## | 104216      | 104224      | 104229      | 104235      | 104237      | 104244      |
| ## | 0.789969692 | 0.729417760 | 0.680150654 | 0.580804293 | 0.572661852 | 0.154986991 |
| ## | 104253      | 104262      | 104264      | 104266      | 104271      | 104276      |
| ## | 0.096981729 | 0.179504896 | 0.180366606 | 0.098813611 | 0.098813611 | 0.180366606 |
| ## | 104277      | 104279      | 104280      | 104284      | 104287      | 104289      |
| ## | 0.098813611 | 0.180366606 | 0.226964502 | 0.125972736 | 0.226964502 | 0.096677398 |
| ## | 104291      | 104295      | 104299      | 104303      | 104304      | 104336      |
| ## | 0.125972736 | 0.224360276 | 0.224360276 | 0.125972736 | 0.224360276 | 0.163960444 |
| ## | 104344      | 104355      | 104370      | 104387      | 104388      | 104390      |
| ## | 0.198991210 | 0.070258311 | 0.093259573 | 0.105240600 | 0.182559323 | 0.173223063 |
| ## | 104401      | 104407      | 104414      | 104416      | 104428      | 104434      |
| ## | 0.391698219 | 0.190772793 | 0.104667300 | 0.106398147 | 0.180734090 | 0.182951374 |
| ## | 104435      | 104436      | 104447      | 104462      | 104465      | 104470      |
| ## | 0.188088301 | 0.529390993 | 0.162527391 | 0.182580386 | 0.098813611 | 0.098813611 |
| ## | 104476      | 104477      | 104482      | 104486      | 104493      | 104495      |
| ## | 0.224360276 | 0.125972736 | 0.224360276 | 0.224360276 | 0.224360276 | 0.098813611 |
| ## | 104497      | 104498      | 104500      | 104505      | 104506      | 104510      |
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| ## | 104512      | 104524      | 104529      | 104530      | 104532      | 104535      |
| ## | 0.226964502 | 0.226964502 | 0.226964502 | 0.224360276 | 0.224360276 | 0.226964502 |
| ## | 104540      | 104543      | 104560      | 104561      | 104566      | 104567      |
| ## | 0.226964502 | 0.226964502 | 0.133359239 | 0.133359239 | 0.190772793 | 0.107642405 |
| ## | 104578      | 104585      | 104592      | 104617      | 104623      | 104627      |
| ## | 0.432158755 | 0.540298139 | 0.108945122 | 0.119142546 | 0.118263432 | 0.077496994 |
| ## | 104628      | 104632      | 104637      | 104638      | 104656      | 104660      |
| ## | 0.357345285 | 0.129083847 | 0.137453590 | 0.437354535 | 0.250694819 | 0.267571889 |
| ## | 104663      | 104664      | 104679      | 104681      | 104713      | 104715      |
| ## | 0.276209496 | 0.276209496 | 0.308018875 | 0.304851381 | 0.095336173 | 0.178291183 |
| ## | 104723      | 104726      | 104729      | 104731      | 104740      | 104741      |
| ## | 0.288174909 | 0.671267848 | 0.516698025 | 0.067173076 | 0.284732120 | 0.163471347 |
| ## | 104755      | 104758      | 104766      | 104768      | 104771      | 104782      |
| ## | 0.269940112 | 0.670575110 | 0.691852013 | 0.304851381 | 0.304851381 | 0.304851381 |
| ## | 104784      | 104789      | 104792      | 104793      | 104794      | 104795      |
| ## | 0.304851381 | 0.304851381 | 0.304851381 | 0.179327212 | 0.691852013 | 0.304851381 |

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| ## | 104796      | 104798      | 104800      | 104801      | 104813      | 104837      |
| ## | 0.179327212 | 0.304851381 | 0.304851381 | 0.304851381 | 0.124836169 | 0.606915038 |
| ## | 104840      | 104841      | 104849      | 104852      | 104854      | 104858      |
| ## | 0.203786285 | 0.134950724 | 0.176460595 | 0.536952886 | 0.536952886 | 0.133220332 |
| ## | 104859      | 104861      | 104870      | 104873      | 104875      | 104883      |
| ## | 0.140779340 | 0.148501592 | 0.195614599 | 0.518856214 | 0.180212762 | 0.140741035 |
| ## | 104885      | 104891      | 104896      | 104897      | 104904      | 104905      |
| ## | 0.225998348 | 0.336876812 | 0.225151477 | 0.222562064 | 0.148501592 | 0.176885815 |
| ## | 104907      | 104910      | 104917      | 104918      | 104922      | 104923      |
| ## | 0.168453400 | 0.052599872 | 0.460269994 | 0.157350635 | 0.176885815 | 0.176885815 |
| ## | 104924      | 104927      | 104928      | 104929      | 104930      | 104934      |
| ## | 0.174726322 | 0.519100809 | 0.443151487 | 0.136275990 | 0.443151487 | 0.092110092 |
| ## | 104941      | 104942      | 104945      | 104946      | 104948      | 104955      |
| ## | 0.043424799 | 0.161419749 | 0.043424799 | 0.043424799 | 0.147470203 | 0.105330042 |
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| ## | 0.034406454 | 0.091137348 | 0.094884229 | 0.083499830 | 0.145606301 | 0.045788831 |
| ## | 104989      | 104991      | 104993      | 104994      | 104995      | 104998      |
| ## | 0.342620427 | 0.090231965 | 0.057705100 | 0.043495552 | 0.157258405 | 0.150477176 |
| ## | 105001      | 105002      | 105003      | 105007      | 105013      | 105018      |
| ## | 0.059224978 | 0.043150888 | 0.129751174 | 0.077727708 | 0.468917796 | 0.131443339 |
| ## | 105023      | 105032      | 105034      | 105038      | 105049      | 105055      |
| ## | 0.458625251 | 0.113354275 | 0.044039888 | 0.035037067 | 0.141173565 | 0.158745540 |
| ## | 105060      | 105065      | 105066      | 105073      | 105075      | 105081      |
| ## | 0.071289520 | 0.086848233 | 0.103203548 | 0.141353609 | 0.141353609 | 0.079206112 |
| ## | 105082      | 105085      | 105088      | 105089      | 105092      | 105100      |
| ## | 0.101050233 | 0.088218036 | 0.328305420 | 0.090562129 | 0.083365245 | 0.147124650 |
| ## | 105106      | 105108      | 105113      | 105114      | 105117      | 105135      |
| ## | 0.093990391 | 0.489354365 | 0.133507558 | 0.457889621 | 0.146266366 | 0.149386323 |
| ## | 105136      | 105139      | 105145      | 105158      | 105161      | 105164      |
| ## | 0.174864881 | 0.099723760 | 0.149408687 | 0.094961853 | 0.092728908 | 0.092728908 |
| ## | 105170      | 105171      | 105172      | 105179      | 105188      | 105192      |
| ## | 0.160745993 | 0.160745993 | 0.480445062 | 0.242106465 | 0.137314484 | 0.137314484 |
| ## | 105196      | 105202      | 105206      | 105208      | 105215      | 105216      |
| ## | 0.244851652 | 0.242723545 | 0.135952758 | 0.239994634 | 0.229050147 | 0.231692549 |
| ## | 105218      | 105224      | 105227      | 105228      | 105236      | 105238      |
| ## | 0.229050147 | 0.620584865 | 0.231692549 | 0.231692549 | 0.156958680 | 0.147972127 |
| ## | 105241      | 105242      | 105243      | 105245      | 105248      | 105255      |
| ## | 0.376526142 | 0.356168483 | 0.156958680 | 0.109840068 | 0.156958680 | 0.131049726 |
| ## | 105256      | 105257      | 105258      | 105259      | 105260      | 105266      |
| ## | 0.515664878 | 0.164086680 | 0.166495878 | 0.166495878 | 0.168574426 | 0.499591632 |
| ## | 105267      | 105269      | 105270      | 105274      | 105276      | 105279      |
| ## | 0.155745749 | 0.175559928 | 0.175559928 | 0.172515407 | 0.148540753 | 0.173366562 |
| ## | 105281      | 105301      | 105310      | 105319      | 105326      | 105330      |
| ## | 0.173072073 | 0.146061962 | 0.508125641 | 0.187795241 | 0.493431591 | 0.160276334 |
| ## | 105347      | 105353      | 105361      | 105364      | 105371      | 105374      |
| ## | 0.483679002 | 0.145415406 | 0.168791024 | 0.152134565 | 0.150407762 | 0.166243422 |
| ## | 105376      | 105380      | 105385      | 105397      | 105403      | 105406      |
| ## | 0.102174686 | 0.185929333 | 0.168030411 | 0.242106465 | 0.137314484 | 0.137314484 |
| ## | 105408      | 105413      | 105415      | 105420      | 105426      | 105437      |
| ## | 0.242106465 | 0.244851652 | 0.135952758 | 0.164086680 | 0.166495878 | 0.155745749 |
| ## | 105448      | 105450      | 105451      | 105452      | 105453      | 105454      |
| ## | 0.344971593 | 0.156958680 | 0.166243422 | 0.158960975 | 0.173366562 | 0.094613290 |
| ## | 105459      | 105468      | 105474      | 105476      | 105482      | 105486      |
| ## | 0.173072073 | 0.148540753 | 0.164155163 | 0.096005415 | 0.200115340 | 0.200115340 |

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| ## | 105493      | 105496      | 105509      | 105510      | 105514      | 105527      |
| ## | 0.193984777 | 0.192327444 | 0.080544296 | 0.200115340 | 0.200115340 | 0.081766203 |
| ## | 105529      | 105539      | 105542      | 105544      | 105549      | 105552      |
| ## | 0.079157024 | 0.167975594 | 0.068509619 | 0.097736384 | 0.533557926 | 0.189884287 |
| ## | 105555      | 105560      | 105563      | 105566      | 105570      | 105572      |
| ## | 0.559179591 | 0.448912161 | 0.117970082 | 0.512756858 | 0.535499545 | 0.075915531 |
| ## | 105574      | 105579      | 105587      | 105594      | 105595      | 105597      |
| ## | 0.533557926 | 0.559179591 | 0.410626366 | 0.179816402 | 0.177628853 | 0.174842176 |
| ## | 105599      | 105603      | 105604      | 105621      | 105623      | 105626      |
| ## | 0.177002794 | 0.187219326 | 0.545598227 | 0.370287524 | 0.314693864 | 0.186858971 |
| ## | 105627      | 105650      | 105656      | 105659      | 105662      | 105666      |
| ## | 0.184605029 | 0.176456149 | 0.354120081 | 0.174700628 | 0.154342552 | 0.092721947 |
| ## | 105668      | 105673      | 105677      | 105678      | 105682      | 105685      |
| ## | 0.081498870 | 0.177251040 | 0.101119855 | 0.554157116 | 0.184187221 | 0.172927462 |
| ## | 105687      | 105688      | 105704      | 105709      | 105710      | 105711      |
| ## | 0.172927462 | 0.172927462 | 0.186867441 | 0.165581253 | 0.163532352 | 0.163532352 |
| ## | 105723      | 105725      | 105729      | 105734      | 105736      | 105743      |
| ## | 0.189884287 | 0.401046844 | 0.113831610 | 0.179816402 | 0.177628853 | 0.177002794 |
| ## | 105744      | 105745      | 105749      | 105760      | 105767      | 105769      |
| ## | 0.174842176 | 0.177002794 | 0.110787035 | 0.467492335 | 0.176859871 | 0.095411291 |
| ## | 105772      | 105778      | 105785      | 105791      | 105806      | 105807      |
| ## | 0.154342552 | 0.520426761 | 0.364084595 | 0.186437228 | 0.525219844 | 0.094350888 |
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| ## | 105841      | 105843      | 105844      | 105848      | 105851      | 105858      |
| ## | 0.163532352 | 0.124586609 | 0.124586609 | 0.179087663 | 0.181289217 | 0.076414020 |
| ## | 105859      | 105861      | 105862      | 105865      | 105868      | 105870      |
| ## | 0.409105660 | 0.412713265 | 0.150234494 | 0.114993828 | 0.082403766 | 0.545116480 |
| ## | 105879      | 105882      | 105883      | 105889      | 105893      | 105897      |
| ## | 0.326869000 | 0.719827228 | 0.326869000 | 0.654158109 | 0.291789482 | 0.259416231 |
| ## | 105901      | 105911      | 105917      | 105918      | 105919      | 105923      |
| ## | 0.294088213 | 0.294088213 | 0.661599795 | 0.680299916 | 0.673104137 | 0.299501572 |
| ## | 105925      | 105930      | 105935      | 105937      | 105938      | 105940      |
| ## | 0.198590458 | 0.212127183 | 0.159244581 | 0.676175410 | 0.278413507 | 0.276077230 |
| ## | 105946      | 105949      | 105959      | 105969      | 105979      | 105983      |
| ## | 0.288007398 | 0.300364373 | 0.261976929 | 0.326869000 | 0.326869000 | 0.275278449 |
| ## | 105992      | 105994      | 106000      | 106005      | 106007      | 106008      |
| ## | 0.284552901 | 0.289887364 | 0.299501572 | 0.674314210 | 0.273467745 | 0.160011730 |
| ## | 106009      | 106010      | 106017      | 106019      | 106030      | 106031      |
| ## | 0.276572020 | 0.279563851 | 0.165674848 | 0.267649886 | 0.300244358 | 0.300244358 |
| ## | 106036      | 106041      | 106051      | 106062      | 106065      | 106069      |
| ## | 0.261976929 | 0.192674909 | 0.142905352 | 0.131098851 | 0.059185211 | 0.165644294 |
| ## | 106076      | 106077      | 106093      | 106096      | 106097      | 106104      |
| ## | 0.163594766 | 0.165644294 | 0.135039007 | 0.133307657 | 0.087967799 | 0.080555902 |
| ## | 106108      | 106109      | 106110      | 106113      | 106122      | 106124      |
| ## | 0.183134889 | 0.137800944 | 0.137800944 | 0.073762034 | 0.467501644 | 0.503279863 |
| ## | 106125      | 106127      | 106130      | 106131      | 106138      | 106140      |
| ## | 0.162742571 | 0.162742571 | 0.093358982 | 0.036061778 | 0.190569966 | 0.083472578 |
| ## | 106143      | 106147      | 106151      | 106154      | 106155      | 106164      |
| ## | 0.062211614 | 0.033806842 | 0.055373021 | 0.081545123 | 0.081545123 | 0.087165775 |
| ## | 106175      | 106178      | 106187      | 106188      | 106189      | 106195      |
| ## | 0.083056669 | 0.120466402 | 0.075915212 | 0.075061444 | 0.082339430 | 0.387812757 |
| ## | 106200      | 106219      | 106228      | 106233      | 106234      | 106238      |
| ## | 0.079600413 | 0.140625085 | 0.101157155 | 0.081406571 | 0.080299013 | 0.076967366 |

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| ## | 106241      | 106242      | 106258      | 106272      | 106275      | 106277      |
| ## | 0.071570040 | 0.062666678 | 0.068456903 | 0.088263851 | 0.202752390 | 0.202752390 |
| ## | 106283      | 106292      | 106296      | 106304      | 106314      | 106317      |
| ## | 0.154749821 | 0.230944488 | 0.228308082 | 0.206960077 | 0.209416863 | 0.206960077 |
| ## | 106322      | 106333      | 106348      | 106349      | 106356      | 106363      |
| ## | 0.331355428 | 0.331355428 | 0.619923436 | 0.235634899 | 0.235634899 | 0.507723942 |
| ## | 106367      | 106368      | 106369      | 106373      | 106375      | 106382      |
| ## | 0.215694522 | 0.204324758 | 0.126631111 | 0.228308082 | 0.228308082 | 0.206960077 |
| ## | 106384      | 106387      | 106391      | 106395      | 106399      | 106406      |
| ## | 0.209416863 | 0.206960077 | 0.084877809 | 0.206960077 | 0.206960077 | 0.206960077 |
| ## | 106407      | 106409      | 106410      | 106427      | 106432      | 106434      |
| ## | 0.206960077 | 0.115070936 | 0.206960077 | 0.220879217 | 0.220879217 | 0.206537897 |
| ## | 106443      | 106454      | 106462      | 106468      | 106472      | 106473      |
| ## | 0.238329782 | 0.169765330 | 0.590049618 | 0.230364483 | 0.344410640 | 0.341053360 |
| ## | 106476      | 106487      | 106500      | 106507      | 106508      | 106510      |
| ## | 0.344891625 | 0.193255443 | 0.313296246 | 0.289309618 | 0.333511434 | 0.336832422 |
| ## | 106514      | 106517      | 106522      | 106524      | 106528      | 106532      |
| ## | 0.311207510 | 0.184940063 | 0.325897895 | 0.325897895 | 0.169941724 | 0.577565712 |
| ## | 106535      | 106541      | 106546      | 106550      | 106566      | 106567      |
| ## | 0.201683252 | 0.751943439 | 0.215291307 | 0.355096876 | 0.365152002 | 0.220185343 |
| ## | 106568      | 106573      | 106574      | 106580      | 106581      | 106585      |
| ## | 0.220185343 | 0.332128286 | 0.332128286 | 0.354405602 | 0.325420645 | 0.341313339 |
| ## | 106596      | 106611      | 106621      | 106622      | 106624      | 106627      |
| ## | 0.299581123 | 0.314132500 | 0.186331497 | 0.318101353 | 0.318101353 | 0.186331497 |
| ## | 106631      | 106637      | 106639      | 106642      | 106643      | 106658      |
| ## | 0.483487822 | 0.479766955 | 0.479766955 | 0.483487822 | 0.479766955 | 0.314840076 |
| ## | 106665      | 106671      | 106672      | 106673      | 106675      | 106679      |
| ## | 0.314840076 | 0.314840076 | 0.479766955 | 0.483487822 | 0.479766955 | 0.483487822 |
| ## | 106691      | 106692      | 106697      | 106702      | 106710      | 106711      |
| ## | 0.479766955 | 0.483487822 | 0.483487822 | 0.479766955 | 0.479766955 | 0.314840076 |
| ## | 106715      | 106719      | 106726      | 106729      | 106730      | 106731      |
| ## | 0.479766955 | 0.479766955 | 0.479766955 | 0.483487822 | 0.479766955 | 0.314840076 |
| ## | 106732      | 106734      | 106741      | 106752      | 106754      | 106755      |
| ## | 0.483487822 | 0.483487822 | 0.483487822 | 0.479766955 | 0.483487822 | 0.479766955 |
| ## | 106756      | 106760      | 106761      | 106765      | 106774      | 106778      |
| ## | 0.483487822 | 0.321563529 | 0.324823527 | 0.336440754 | 0.722342965 | 0.354654245 |
| ## | 106786      | 106789      | 106790      | 106792      | 106795      | 106803      |
| ## | 0.200938515 | 0.205019144 | 0.344410640 | 0.344410640 | 0.309601392 | 0.311204880 |
| ## | 106807      | 106813      | 106816      | 106819      | 106822      | 106825      |
| ## | 0.327683278 | 0.332225105 | 0.732111240 | 0.332225105 | 0.332225105 | 0.339700303 |
| ## | 106831      | 106839      | 106845      | 106847      | 106848      | 106850      |
| ## | 0.325343422 | 0.306525497 | 0.331440779 | 0.334751505 | 0.334751505 | 0.334751505 |
| ## | 106856      | 106859      | 106864      | 106867      | 106877      | 106880      |
| ## | 0.359151273 | 0.359151273 | 0.318227872 | 0.315003185 | 0.704688644 | 0.316686699 |
| ## | 106882      | 106895      | 106902      | 106904      | 106916      | 106918      |
| ## | 0.319920571 | 0.348930081 | 0.323671784 | 0.721891119 | 0.190238191 | 0.239865335 |
| ## | 106920      | 106924      | 106925      | 106930      | 106933      | 106944      |
| ## | 0.345642335 | 0.349020861 | 0.345642335 | 0.161268522 | 0.327020494 | 0.351203262 |
| ## | 106945      | 106950      | 106955      | 106962      | 106969      | 106979      |
| ## | 0.347814897 | 0.334164597 | 0.205106015 | 0.817737485 | 0.449022628 | 0.452712549 |
| ## | 106980      | 106985      | 106999      | 107013      | 107016      | 107018      |
| ## | 0.452712549 | 0.141382851 | 0.390643639 | 0.390643639 | 0.390643639 | 0.390643639 |
| ## | 107019      | 107027      | 107029      | 107030      | 107033      | 107035      |
| ## | 0.242096699 | 0.242096699 | 0.390643639 | 0.390643639 | 0.242096699 | 0.242096699 |

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| ## | 107038      | 107039      | 107044      | 107052      | 107054      | 107058      |
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| ## | 107059      | 107063      | 107079      | 107080      | 107083      | 107085      |
| ## | 0.704227536 | 0.348726290 | 0.372610393 | 0.369133002 | 0.762703868 | 0.715924746 |
| ## | 107096      | 107097      | 107098      | 107113      | 107114      | 107123      |
| ## | 0.168051229 | 0.253961284 | 0.284720745 | 0.718554832 | 0.317302856 | 0.334833693 |
| ## | 107124      | 107141      | 107145      | 107147      | 107148      | 107152      |
| ## | 0.338161167 | 0.318763317 | 0.318842464 | 0.720434383 | 0.318842464 | 0.171113374 |
| ## | 107156      | 107161      | 107162      | 107163      | 107165      | 107173      |
| ## | 0.307027562 | 0.230674570 | 0.228040331 | 0.228040331 | 0.228040331 | 0.334716655 |
| ## | 107190      | 107193      | 107202      | 107208      | 107209      | 107218      |
| ## | 0.327275027 | 0.327275027 | 0.315095442 | 0.186331497 | 0.318101353 | 0.483487822 |
| ## | 107219      | 107224      | 107237      | 107249      | 107257      | 107267      |
| ## | 0.483487822 | 0.483487822 | 0.479766955 | 0.341053360 | 0.341532099 | 0.232316052 |
| ## | 107268      | 107280      | 107283      | 107284      | 107285      | 107286      |
| ## | 0.227656617 | 0.268396388 | 0.333511434 | 0.333511434 | 0.143226631 | 0.183758002 |
| ## | 107294      | 107301      | 107303      | 107309      | 107310      | 107315      |
| ## | 0.300878662 | 0.325897895 | 0.194127790 | 0.236313374 | 0.358517184 | 0.355096876 |
| ## | 107317      | 107319      | 107321      | 107322      | 107323      | 107325      |
| ## | 0.355096876 | 0.355096876 | 0.215291307 | 0.355096876 | 0.215291307 | 0.355096876 |
| ## | 107327      | 107328      | 107329      | 107333      | 107338      | 107342      |
| ## | 0.355096876 | 0.355096876 | 0.355096876 | 0.355096876 | 0.334164597 | 0.345338366 |
| ## | 107343      | 107344      | 107357      | 107358      | 107360      | 107367      |
| ## | 0.345338366 | 0.723988413 | 0.220185343 | 0.332128286 | 0.717991071 | 0.196369084 |
| ## | 107368      | 107369      | 107376      | 107380      | 107384      | 107389      |
| ## | 0.729278672 | 0.337970687 | 0.218289753 | 0.323346058 | 0.716848483 | 0.319920571 |
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| ## | 0.320093858 | 0.317344413 | 0.320581850 | 0.332835132 | 0.345551967 | 0.190238191 |
| ## | 107419      | 107420      | 107422      | 107425      | 107430      | 107434      |
| ## | 0.713845177 | 0.323671784 | 0.323671784 | 0.721891119 | 0.323671784 | 0.718441329 |
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| ## | 0.723687614 | 0.307655455 | 0.346503300 | 0.346503300 | 0.347814897 | 0.334164597 |
| ## | 107473      | 107474      | 107476      | 107480      | 107483      | 107491      |
| ## | 0.326169970 | 0.322902921 | 0.728898613 | 0.341173135 | 0.344530977 | 0.452712549 |
| ## | 107494      | 107496      | 107498      | 107502      | 107503      | 107508      |
| ## | 0.449022628 | 0.449022628 | 0.452712549 | 0.449022628 | 0.449022628 | 0.732145131 |
| ## | 107512      | 107515      | 107520      | 107522      | 107528      | 107531      |
| ## | 0.248385684 | 0.394197050 | 0.394197050 | 0.394197050 | 0.772305914 | 0.390643639 |
| ## | 107536      | 107538      | 107545      | 107546      | 107548      | 107559      |
| ## | 0.390643639 | 0.390643639 | 0.390643639 | 0.394197050 | 0.394197050 | 0.169649489 |
| ## | 107562      | 107565      | 107569      | 107570      | 107571      | 107579      |
| ## | 0.301170745 | 0.301170745 | 0.721147055 | 0.721147055 | 0.352118740 | 0.237181264 |
| ## | 107582      | 107588      | 107596      | 107598      | 107602      | 107603      |
| ## | 0.326454974 | 0.349889487 | 0.372610393 | 0.369133002 | 0.755847611 | 0.369133002 |
| ## | 107604      | 107607      | 107608      | 107623      | 107625      | 107626      |
| ## | 0.302121559 | 0.321332576 | 0.321332576 | 0.364006604 | 0.551861103 | 0.268396388 |
| ## | 107633      | 107638      | 107641      | 107647      | 107652      | 107653      |
| ## | 0.317302856 | 0.327148543 | 0.337674192 | 0.303865786 | 0.345325429 | 0.331911212 |
| ## | 107655      | 107658      | 107660      | 107662      | 107664      | 107665      |
| ## | 0.302136757 | 0.230505694 | 0.738851054 | 0.277719238 | 0.325333711 | 0.322071035 |
| ## | 107668      | 107670      | 107679      | 107682      | 107695      | 107698      |
| ## | 0.330925314 | 0.479766955 | 0.314840076 | 0.483487822 | 0.829912724 | 0.479766955 |
| ## | 107711      | 107715      | 107731      | 107734      | 107736      | 107737      |
| ## | 0.314840076 | 0.835447437 | 0.479766955 | 0.321563529 | 0.201683236 | 0.339776040 |

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| ## | 107738      | 107741      | 107742      | 107745      | 107746      | 107756      |
| ## | 0.339776040 | 0.721898247 | 0.339776040 | 0.328494624 | 0.568806349 | 0.351250612 |
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| ## | 0.351250612 | 0.648749186 | 0.122951777 | 0.089615022 | 0.330887225 | 0.332030959 |
| ## | 107796      | 107798      | 107800      | 107801      | 107808      | 107809      |
| ## | 0.332030959 | 0.335539733 | 0.732545387 | 0.335539733 | 0.332225105 | 0.732545387 |
| ## | 107810      | 107815      | 107826      | 107828      | 107836      | 107838      |
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| ## | 107843      | 107850      | 107858      | 107868      | 107870      | 107875      |
| ## | 0.337939517 | 0.134844444 | 0.195580503 | 0.126505502 | 0.097100031 | 0.233391431 |
| ## | 107885      | 107887      | 107888      | 107889      | 107892      | 107897      |
| ## | 0.200327410 | 0.200327410 | 0.191470174 | 0.503388270 | 0.195652749 | 0.573126035 |
| ## | 107899      | 107906      | 107910      | 107911      | 107915      | 107917      |
| ## | 0.214122926 | 0.159221540 | 0.159221540 | 0.096337920 | 0.216335373 | 0.632120034 |
| ## | 107919      | 107921      | 107934      | 107941      | 107944      | 107946      |
| ## | 0.238272044 | 0.197935920 | 0.233391431 | 0.137504000 | 0.199619234 | 0.139139555 |
| ## | 107948      | 107953      | 107955      | 107958      | 107966      | 107975      |
| ## | 0.197950557 | 0.191470174 | 0.189173551 | 0.192108528 | 0.204815474 | 0.192642090 |
| ## | 107977      | 107980      | 107984      | 107988      | 107995      | 107998      |
| ## | 0.192642090 | 0.106922727 | 0.193729622 | 0.202346833 | 0.078912575 | 0.213512014 |
| ## | 108010      | 108017      | 108021      | 108024      | 108026      | 108027      |
| ## | 0.186310165 | 0.551922302 | 0.067996642 | 0.546336068 | 0.151900498 | 0.151900498 |
| ## | 108030      | 108034      | 108035      | 108036      | 108037      | 108041      |
| ## | 0.106922727 | 0.163844372 | 0.520440230 | 0.470627218 | 0.494972521 | 0.477318556 |
| ## | 108052      | 108053      | 108056      | 108059      | 108060      | 108061      |
| ## | 0.198418873 | 0.197228425 | 0.179374086 | 0.185774454 | 0.196273661 | 0.555605120 |
| ## | 108065      | 108066      | 108071      | 108075      | 108079      | 108084      |
| ## | 0.171273496 | 0.171273496 | 0.171776213 | 0.151900498 | 0.104272250 | 0.191682198 |
| ## | 108085      | 108093      | 108099      | 108101      | 108106      | 108113      |
| ## | 0.191682198 | 0.104272250 | 0.191682198 | 0.562593310 | 0.544649007 | 0.189383627 |
| ## | 108117      | 108163      | 108168      | 108181      | 108182      | 108185      |
| ## | 0.191682198 | 0.431993206 | 0.398521984 | 0.178145979 | 0.160071264 | 0.174357110 |
| ## | 108200      | 108202      | 108211      | 108212      | 108213      | 108214      |
| ## | 0.175481541 | 0.090405279 | 0.198435656 | 0.198435656 | 0.109807254 | 0.200816875 |
| ## | 108224      | 108225      | 108227      | 108241      | 108243      | 108245      |
| ## | 0.099132611 | 0.062279488 | 0.062279488 | 0.173670471 | 0.173670471 | 0.522796088 |
| ## | 108252      | 108258      | 108263      | 108265      | 108269      | 108275      |
| ## | 0.198435656 | 0.178523277 | 0.062279488 | 0.082448897 | 0.153986593 | 0.518172143 |
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| ## | 0.142776661 | 0.175694562 | 0.177093140 | 0.162508108 | 0.166526808 | 0.169390350 |
| ## | 108322      | 108323      | 108326      | 108328      | 108335      | 108336      |
| ## | 0.171497598 | 0.149472898 | 0.159886893 | 0.164404623 | 0.087979099 | 0.162199552 |
| ## | 108339      | 108342      | 108343      | 108349      | 108352      | 108361      |
| ## | 0.111371801 | 0.161690605 | 0.096776219 | 0.103440758 | 0.176513016 | 0.165788129 |
| ## | 108363      | 108365      | 108373      | 108374      | 108375      | 108376      |
| ## | 0.530103384 | 0.062279488 | 0.153986593 | 0.153986593 | 0.153986593 | 0.153986593 |
| ## | 108382      | 108389      | 108396      | 108399      | 108402      | 108410      |
| ## | 0.467903274 | 0.172796503 | 0.084525831 | 0.168548856 | 0.148014823 | 0.148425016 |
| ## | 108417      | 108418      | 108423      | 108424      | 108425      | 108429      |
| ## | 0.122186038 | 0.129272739 | 0.131967533 | 0.442112834 | 0.081496473 | 0.139764797 |
| ## | 108430      | 108436      | 108443      | 108448      | 108453      | 108454      |
| ## | 0.454856537 | 0.084255255 | 0.128501670 | 0.139901604 | 0.052712726 | 0.201708726 |
| ## | 108456      | 108461      | 108467      | 108476      | 108479      | 108480      |
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| ## | 108493      | 108497      | 108499      | 108502      | 108506      | 108507      |
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| ## | 108538      | 108540      | 108542      | 108547      | 108552      | 108554      |
| ## | 0.165717994 | 0.153339681 | 0.109983754 | 0.167426887 | 0.091074495 | 0.507279218 |
| ## | 108558      | 108565      | 108578      | 108581      | 108583      | 108588      |
| ## | 0.171890751 | 0.435555556 | 0.179235121 | 0.183904943 | 0.186152288 | 0.146643408 |
| ## | 108596      | 108597      | 108598      | 108606      | 108609      | 108610      |
| ## | 0.178663216 | 0.178663216 | 0.178663216 | 0.178663216 | 0.172050357 | 0.169412225 |
| ## | 108611      | 108614      | 108615      | 108616      | 108625      | 108632      |
| ## | 0.169412225 | 0.163667732 | 0.098129963 | 0.098129963 | 0.100949130 | 0.157845491 |
| ## | 108634      | 108636      | 108642      | 108665      | 108671      | 108672      |
| ## | 0.103237546 | 0.103237546 | 0.144788182 | 0.185755025 | 0.516474662 | 0.125338415 |
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| ## | 0.125338415 | 0.154099951 | 0.175165106 | 0.079188749 | 0.073011713 | 0.141066034 |
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| ## | 108739      | 108744      | 108748      | 108749      | 108755      | 108759      |
| ## | 0.133637416 | 0.135372380 | 0.084999044 | 0.086165357 | 0.055897221 | 0.059766384 |
| ## | 108761      | 108764      | 108767      | 108770      | 108772      | 108782      |
| ## | 0.133637416 | 0.133637416 | 0.133637416 | 0.133637416 | 0.084999044 | 0.059065172 |
| ## | 108786      | 108787      | 108789      | 108793      | 108812      | 108822      |
| ## | 0.100529389 | 0.101885072 | 0.088053464 | 0.138575882 | 0.033155117 | 0.165833019 |
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| ## | 0.029145799 | 0.038556803 | 0.064843593 | 0.033396194 | 0.135046961 | 0.522357132 |
| ## | 108864      | 108885      | 108887      | 108890      | 108893      | 108896      |
| ## | 0.200755676 | 0.162261641 | 0.151807457 | 0.623536005 | 0.623536005 | 0.580811461 |
| ## | 108905      | 108913      | 108915      | 108925      | 108938      | 108941      |
| ## | 0.229220536 | 0.235911629 | 0.235911629 | 0.609388245 | 0.243042474 | 0.189901426 |
| ## | 108946      | 108947      | 108951      | 108952      | 108959      | 108961      |
| ## | 0.628986514 | 0.628986514 | 0.156602488 | 0.271481968 | 0.656103216 | 0.156602488 |
| ## | 108964      | 108969      | 108972      | 108973      | 108974      | 108979      |
| ## | 0.271481968 | 0.274439625 | 0.271481968 | 0.271481968 | 0.156602488 | 0.271481968 |
| ## | 108980      | 109000      | 109002      | 109007      | 109013      | 109019      |
| ## | 0.156602488 | 0.271481968 | 0.271481968 | 0.156602488 | 0.274439625 | 0.156602488 |
| ## | 109021      | 109025      | 109034      | 109043      | 109050      | 109057      |
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| ## | 0.238513281 | 0.235816965 | 0.612383390 | 0.629474338 | 0.212159932 | 0.140297396 |
| ## | 109078      | 109082      | 109086      | 109087      | 109088      | 109091      |
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| ## | 0.212920487 | 0.182930769 | 0.185560112 | 0.229580709 | 0.243042474 | 0.106183095 |
| ## | 109110      | 109118      | 109122      | 109126      | 109136      | 109138      |
| ## | 0.245794832 | 0.637697120 | 0.215155100 | 0.457914896 | 0.167766800 | 0.274439625 |
| ## | 109141      | 109149      | 109150      | 109155      | 109170      | 109171      |
| ## | 0.271481968 | 0.274439625 | 0.271481968 | 0.274439625 | 0.274439625 | 0.274439625 |
| ## | 109176      | 109178      | 109181      | 109182      | 109188      | 109191      |
| ## | 0.274439625 | 0.271481968 | 0.156602488 | 0.274439625 | 0.271481968 | 0.271481968 |
| ## | 109194      | 109195      | 109199      | 109201      | 109202      | 109216      |
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| ## | 109218      | 109220      | 109226      | 109245      | 109247      | 109256      |
| ## | 0.177203717 | 0.178564433 | 0.204232096 | 0.581405277 | 0.581405277 | 0.470218924 |

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| ## | 109260      | 109270      | 109271      | 109274      | 109279      | 109302      |
| ## | 0.186318443 | 0.557096659 | 0.576971183 | 0.198905832 | 0.567789559 | 0.577511661 |
| ## | 109312      | 109314      | 109316      | 109320      | 109321      | 109322      |
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| ## | 109328      | 109336      | 109337      | 109343      | 109355      | 109357      |
| ## | 0.166914463 | 0.162680733 | 0.162680733 | 0.201820607 | 0.204232096 | 0.204232096 |
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| ## | 0.581405277 | 0.204232096 | 0.581405277 | 0.581405277 | 0.581405277 | 0.378604800 |
| ## | 109380      | 109382      | 109386      | 109391      | 109395      | 109398      |
| ## | 0.172124026 | 0.170010660 | 0.188588467 | 0.557643062 | 0.557096659 | 0.186318443 |
| ## | 109399      | 109405      | 109410      | 109411      | 109412      | 109415      |
| ## | 0.186318443 | 0.576971183 | 0.170909653 | 0.173031864 | 0.173031864 | 0.170909653 |
| ## | 109417      | 109419      | 109421      | 109431      | 109432      | 109433      |
| ## | 0.120636808 | 0.170909653 | 0.127217196 | 0.145670101 | 0.221492060 | 0.451863001 |
| ## | 109439      | 109440      | 109441      | 109452      | 109457      | 109458      |
| ## | 0.170909653 | 0.145670101 | 0.078010919 | 0.166469383 | 0.120636808 | 0.176327130 |
| ## | 109459      | 109462      | 109469      | 109472      | 109475      | 109481      |
| ## | 0.178502129 | 0.505647556 | 0.097996332 | 0.181209591 | 0.123384836 | 0.143846021 |
| ## | 109484      | 109488      | 109490      | 109493      | 109506      | 109507      |
| ## | 0.174695970 | 0.090119536 | 0.124908518 | 0.205225969 | 0.202805736 | 0.086028957 |
| ## | 109509      | 109510      | 109514      | 109517      | 109519      | 109522      |
| ## | 0.202805736 | 0.202805736 | 0.205225969 | 0.205225969 | 0.112499441 | 0.187357996 |
| ## | 109524      | 109528      | 109529      | 109530      | 109538      | 109544      |
| ## | 0.187357996 | 0.176749360 | 0.176749360 | 0.176749360 | 0.196933836 | 0.196933836 |
| ## | 109549      | 109551      | 109556      | 109559      | 109562      | 109571      |
| ## | 0.209247724 | 0.110031334 | 0.186989714 | 0.186989714 | 0.112773709 | 0.112773709 |
| ## | 109572      | 109573      | 109580      | 109585      | 109589      | 109594      |
| ## | 0.205673911 | 0.205673911 | 0.205673911 | 0.111113940 | 0.182300741 | 0.163252932 |
| ## | 109597      | 109602      | 109603      | 109611      | 109617      | 109618      |
| ## | 0.183634230 | 0.136593964 | 0.200032796 | 0.202646189 | 0.103311816 | 0.138372110 |
| ## | 109621      | 109631      | 109633      | 109635      | 109637      | 109645      |
| ## | 0.552540382 | 0.172253518 | 0.198766328 | 0.160094222 | 0.196416809 | 0.108372002 |
| ## | 109647      | 109648      | 109658      | 109660      | 109661      | 109663      |
| ## | 0.198457265 | 0.198457265 | 0.209705213 | 0.182744427 | 0.180529098 | 0.120995092 |
| ## | 109670      | 109671      | 109676      | 109678      | 109684      | 109689      |
| ## | 0.180820980 | 0.168431058 | 0.124809744 | 0.126446828 | 0.202600255 | 0.124809744 |
| ## | 109701      | 109704      | 109716      | 109720      | 109723      | 109728      |
| ## | 0.195583944 | 0.137882323 | 0.118395264 | 0.118395264 | 0.118395264 | 0.214805184 |
| ## | 109729      | 109733      | 109739      | 109751      | 109752      | 109755      |
| ## | 0.118395264 | 0.212302160 | 0.197289972 | 0.569242009 | 0.191917550 | 0.545824081 |
| ## | 109760      | 109762      | 109771      | 109778      | 109779      | 109785      |
| ## | 0.184412761 | 0.186664893 | 0.192017920 | 0.118395264 | 0.118395264 | 0.214805184 |
| ## | 109798      | 109801      | 109802      | 109812      | 109818      | 109821      |
| ## | 0.201801823 | 0.171704008 | 0.171704008 | 0.204810052 | 0.184412761 | 0.172990916 |
| ## | 109824      | 109829      | 109830      | 109842      | 109847      | 109850      |
| ## | 0.074244613 | 0.177123742 | 0.142048834 | 0.209601272 | 0.094306191 | 0.129052573 |
| ## | 109851      | 109858      | 109863      | 109871      | 109888      | 109894      |
| ## | 0.135929584 | 0.205225969 | 0.205225969 | 0.205225969 | 0.197004301 | 0.176749360 |
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| ## | 0.176749360 | 0.057735151 | 0.196933836 | 0.194587450 | 0.196933836 | 0.206792403 |
| ## | 109923      | 109924      | 109925      | 109938      | 109939      | 109942      |
| ## | 0.555344311 | 0.198800206 | 0.112830541 | 0.203249746 | 0.112773709 | 0.203249746 |
| ## | 109948      | 109949      | 109950      | 109960      | 109964      | 109969      |
| ## | 0.205673911 | 0.205673911 | 0.203249746 | 0.456775730 | 0.184532915 | 0.127806956 |



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| ## | 109997      | 110008      | 110016      | 110022      | 110025      | 110028      |
| ## | 0.187803613 | 0.152094227 | 0.204229261 | 0.082929653 | 0.175966585 | 0.095345778 |
| ## | 110029      | 110032      | 110033      | 110034      | 110036      | 110037      |
| ## | 0.127884998 | 0.195378558 | 0.195378558 | 0.127806956 | 0.108984140 | 0.110439840 |
| ## | 110040      | 110046      | 110051      | 110054      | 110070      | 110088      |
| ## | 0.125005901 | 0.195583944 | 0.180758089 | 0.154440273 | 0.212302160 | 0.157782835 |
| ## | 110090      | 110094      | 110102      | 110104      | 110107      | 110109      |
| ## | 0.137840650 | 0.053766485 | 0.084300436 | 0.145883914 | 0.143063783 | 0.160258728 |
| ## | 110114      | 110115      | 110120      | 110122      | 110136      | 110143      |
| ## | 0.495632785 | 0.153883968 | 0.091406187 | 0.072103235 | 0.485881464 | 0.505325221 |
| ## | 110144      | 110145      | 110148      | 110150      | 110165      | 110167      |
| ## | 0.399653110 | 0.399653110 | 0.068155726 | 0.169483447 | 0.077946663 | 0.146907661 |
| ## | 110171      | 110172      | 110183      | 110189      | 110210      | 110218      |
| ## | 0.077946663 | 0.077946663 | 0.098954019 | 0.091845903 | 0.060324827 | 0.479220914 |
| ## | 110226      | 110236      | 110237      | 110238      | 110241      | 110245      |
| ## | 0.491052927 | 0.399653110 | 0.399653110 | 0.399653110 | 0.092297162 | 0.077946663 |
| ## | 110253      | 110257      | 110259      | 110265      | 110267      | 110268      |
| ## | 0.146907661 | 0.024442660 | 0.445669488 | 0.455383996 | 0.168724957 | 0.168724957 |
| ## | 110272      | 110281      | 110286      | 110290      | 110293      | 110296      |
| ## | 0.097615410 | 0.480342312 | 0.143963193 | 0.142136227 | 0.142136227 | 0.142136227 |
| ## | 110307      | 110314      | 110322      | 110325      | 110329      | 110337      |
| ## | 0.098760288 | 0.483071158 | 0.144387143 | 0.157024771 | 0.157024771 | 0.055369434 |
| ## | 110340      | 110344      | 110346      | 110348      | 110360      | 110361      |
| ## | 0.072414197 | 0.131843086 | 0.131843086 | 0.147697307 | 0.100331497 | 0.098994207 |
| ## | 110362      | 110374      | 110376      | 110381      | 110390      | 110392      |
| ## | 0.098994207 | 0.093270433 | 0.451339817 | 0.188963464 | 0.106588311 | 0.097080926 |
| ## | 110398      | 110399      | 110402      | 110404      | 110408      | 110410      |
| ## | 0.162316291 | 0.029557929 | 0.101666808 | 0.188963464 | 0.078235132 | 0.343669330 |
| ## | 110411      | 110418      | 110422      | 110429      | 110440      | 110457      |
| ## | 0.360639395 | 0.097080926 | 0.115181921 | 0.140497359 | 0.118366655 | 0.149148872 |
| ## | 110458      | 110465      | 110466      | 110499      | 110507      | 110509      |
| ## | 0.147267418 | 0.261412694 | 0.052339011 | 0.161405326 | 0.164417163 | 0.139870661 |
| ## | 110515      | 110520      | 110524      | 110528      | 110529      | 110530      |
| ## | 0.154075840 | 0.534771683 | 0.112030428 | 0.139457184 | 0.141255385 | 0.152000933 |
| ## | 110532      | 110542      | 110543      | 110548      | 110565      | 110566      |
| ## | 0.152000933 | 0.088318804 | 0.178760818 | 0.172890293 | 0.151763050 | 0.478077468 |
| ## | 110573      | 110581      | 110584      | 110587      | 110591      | 110599      |
| ## | 0.081271257 | 0.150089848 | 0.132407032 | 0.063413735 | 0.117061175 | 0.519647174 |
| ## | 110606      | 110609      | 110612      | 110614      | 110618      | 110619      |
| ## | 0.347049498 | 0.158542505 | 0.105387310 | 0.155803089 | 0.099616275 | 0.359731024 |
| ## | 110623      | 110629      | 110638      | 110641      | 110646      | 110653      |
| ## | 0.499033471 | 0.299540769 | 0.686672380 | 0.295988592 | 0.279406326 | 0.680711392 |
| ## | 110654      | 110660      | 110661      | 110671      | 110673      | 110675      |
| ## | 0.293996939 | 0.630063724 | 0.287837321 | 0.644757832 | 0.638200115 | 0.718597717 |
| ## | 110676      | 110677      | 110680      | 110685      | 110690      | 110693      |
| ## | 0.568862494 | 0.285600065 | 0.262429712 | 0.199557120 | 0.315493823 | 0.702354409 |
| ## | 110697      | 110700      | 110709      | 110711      | 110717      | 110723      |
| ## | 0.307697436 | 0.307697436 | 0.299270373 | 0.295320943 | 0.639439550 | 0.284505812 |
| ## | 110724      | 110728      | 110729      | 110730      | 110734      | 110736      |
| ## | 0.661211031 | 0.633433307 | 0.425735335 | 0.694819565 | 0.669067154 | 0.256743859 |
| ## | 110737      | 110740      | 110746      | 110747      | 110750      | 110752      |
| ## | 0.638793498 | 0.289542091 | 0.305873583 | 0.180037525 | 0.441324116 | 0.158035320 |
| ## | 110760      | 110766      | 110767      | 110768      | 110769      | 110770      |
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| ## | 110771      | 110772      | 110775      | 110790      | 110795      | 110802      |
| ## | 0.294877859 | 0.174147735 | 0.286477406 | 0.681947643 | 0.681947643 | 0.688855704 |
| ## | 110803      | 110813      | 110821      | 110823      | 110825      | 110829      |
| ## | 0.301889115 | 0.699316111 | 0.703795790 | 0.291418371 | 0.677998283 | 0.295669511 |
| ## | 110830      | 110831      | 110834      | 110840      | 110842      | 110852      |
| ## | 0.682457337 | 0.206333032 | 0.678674808 | 0.678674808 | 0.288476029 | 0.594285640 |
| ## | 110853      | 110862      | 110864      | 110865      | 110871      | 110872      |
| ## | 0.668953750 | 0.262081402 | 0.550131600 | 0.550131600 | 0.142164342 | 0.318010135 |
| ## | 110874      | 110878      | 110885      | 110888      | 110890      | 110894      |
| ## | 0.704779337 | 0.295505477 | 0.562306618 | 0.306063289 | 0.306063289 | 0.305905325 |
| ## | 110895      | 110897      | 110901      | 110905      | 110909      | 110916      |
| ## | 0.689729894 | 0.673464818 | 0.306095445 | 0.655227351 | 0.555010871 | 0.267203948 |
| ## | 110926      | 110928      | 110938      | 110941      | 110948      | 110952      |
| ## | 0.208821727 | 0.601673588 | 0.649608391 | 0.648939582 | 0.195894322 | 0.297436775 |
| ## | 110953      | 110968      | 110969      | 110982      | 110989      | 110991      |
| ## | 0.297436775 | 0.332509779 | 0.715313856 | 0.279836399 | 0.264984528 | 0.264984528 |
| ## | 110995      | 110998      | 110999      | 111007      | 111009      | 111017      |
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| ## | 111030      | 111034      | 111038      | 111039      | 111042      | 111049      |
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| ## | 111078      | 111083      | 111087      | 111089      | 111094      | 111098      |
| ## | 0.690040125 | 0.678853905 | 0.276109903 | 0.208237853 | 0.295180161 | 0.287549353 |
| ## | 111101      | 111111      | 111123      | 111124      | 111137      | 111139      |
| ## | 0.115957311 | 0.283102419 | 0.707565216 | 0.689038688 | 0.688855704 | 0.301889115 |
| ## | 111141      | 111145      | 111147      | 111150      | 111153      | 111159      |
| ## | 0.301889115 | 0.261725756 | 0.658631197 | 0.206995754 | 0.308521991 | 0.693643451 |
| ## | 111169      | 111171      | 111182      | 111184      | 111185      | 111189      |
| ## | 0.298674570 | 0.311514803 | 0.124003361 | 0.661211031 | 0.288476029 | 0.671591594 |
| ## | 111190      | 111194      | 111198      | 111207      | 111209      | 111210      |
| ## | 0.212367831 | 0.268696619 | 0.594285640 | 0.565181040 | 0.593189279 | 0.262081402 |
| ## | 111216      | 111221      | 111224      | 111226      | 111231      | 111234      |
| ## | 0.318010135 | 0.318010135 | 0.704779337 | 0.295505477 | 0.295505477 | 0.295505477 |
| ## | 111236      | 111237      | 111238      | 111241      | 111243      | 111247      |
| ## | 0.295505477 | 0.693068524 | 0.306063289 | 0.306063289 | 0.136093557 | 0.302750057 |
| ## | 111252      | 111261      | 111267      | 111281      | 111282      | 111283      |
| ## | 0.676733770 | 0.306095445 | 0.632644379 | 0.329210253 | 0.329210253 | 0.332509779 |
| ## | 111316      | 111317      | 111329      | 111332      | 111333      | 111337      |
| ## | 0.690231328 | 0.243859731 | 0.135786557 | 0.271338360 | 0.268213492 | 0.261362456 |
| ## | 111338      | 111339      | 111345      | 111346      | 111350      | 111353      |
| ## | 0.200597437 | 0.562306618 | 0.288889330 | 0.272736088 | 0.264249855 | 0.116146041 |
| ## | 111361      | 111367      | 111374      | 111375      | 111376      | 111399      |
| ## | 0.584572384 | 0.066955198 | 0.167991086 | 0.145848319 | 0.173419548 | 0.282667580 |
| ## | 111405      | 111407      | 111422      | 111423      | 111424      | 111425      |
| ## | 0.282667580 | 0.164121145 | 0.282667580 | 0.285699309 | 0.285699309 | 0.282667580 |
| ## | 111427      | 111430      | 111438      | 111439      | 111441      | 111446      |
| ## | 0.104466398 | 0.197714089 | 0.282667580 | 0.282667580 | 0.282667580 | 0.282667580 |
| ## | 111454      | 111458      | 111461      | 111470      | 111485      | 111486      |
| ## | 0.189702684 | 0.200088810 | 0.307272400 | 0.269310009 | 0.140980832 | 0.307272400 |
| ## | 111498      | 111508      | 111509      | 111510      | 111511      | 111512      |
| ## | 0.246652467 | 0.705044170 | 0.705044170 | 0.705044170 | 0.705044170 | 0.705044170 |
| ## | 111513      | 111514      | 111516      | 111524      | 111529      | 111537      |
| ## | 0.711837865 | 0.321528844 | 0.711837865 | 0.321528844 | 0.705044170 | 0.705044170 |

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| ## | 111539      | 111542      | 111557      | 111560      | 111563      | 111588      |
| ## | 0.711837865 | 0.711837865 | 0.429158627 | 0.429158627 | 0.791320716 | 0.429158627 |
| ## | 111594      | 111600      | 111602      | 111610      | 111616      | 111618      |
| ## | 0.429158627 | 0.803059217 | 0.429158627 | 0.810235524 | 0.425511423 | 0.810235524 |
| ## | 111621      | 111622      | 111627      | 111629      | 111633      | 111648      |
| ## | 0.269571147 | 0.429158627 | 0.429158627 | 0.425511423 | 0.215099960 | 0.791320716 |
| ## | 111649      | 111655      | 111664      | 111674      | 111677      | 111680      |
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| ## | 111683      | 111695      | 111697      | 111699      | 111708      | 111710      |
| ## | 0.531310120 | 0.323661948 | 0.707070026 | 0.731025666 | 0.707070026 | 0.721882098 |
| ## | 111711      | 111716      | 111725      | 111727      | 111729      | 111739      |
| ## | 0.323661948 | 0.323661948 | 0.323661948 | 0.323661948 | 0.679894209 | 0.208793815 |
| ## | 111740      | 111742      | 111743      | 111755      | 111757      | 111759      |
| ## | 0.579133395 | 0.202048986 | 0.139154680 | 0.711837865 | 0.705044170 | 0.705044170 |
| ## | 111766      | 111767      | 111771      | 111787      | 111788      | 111791      |
| ## | 0.425511423 | 0.429158627 | 0.791320716 | 0.791320716 | 0.429158627 | 0.429158627 |
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| ## | 111812      | 111818      | 111819      | 111824      | 111827      | 111836      |
| ## | 0.425511423 | 0.791320716 | 0.810235524 | 0.810235524 | 0.425511423 | 0.429158627 |
| ## | 111837      | 111870      | 111878      | 111879      | 111881      | 111888      |
| ## | 0.269571147 | 0.425511423 | 0.791320716 | 0.224721548 | 0.648214143 | 0.731460926 |
| ## | 111890      | 111898      | 111900      | 111905      | 111910      | 111920      |
| ## | 0.665013754 | 0.582790194 | 0.574658078 | 0.206867370 | 0.731025666 | 0.323661948 |
| ## | 111935      | 111939      | 111941      | 111943      | 111944      | 111947      |
| ## | 0.731025666 | 0.707070026 | 0.238310362 | 0.291794661 | 0.132279926 | 0.652264587 |
| ## | 111961      | 111964      | 111966      | 111972      | 111974      | 111984      |
| ## | 0.183801688 | 0.099542822 | 0.099542822 | 0.126874155 | 0.225783855 | 0.225783855 |
| ## | 111988      | 111992      | 111994      | 111995      | 111996      | 112003      |
| ## | 0.228399739 | 0.050787740 | 0.526596935 | 0.165082349 | 0.129324105 | 0.190909787 |
| ## | 112015      | 112019      | 112027      | 112029      | 112032      | 112034      |
| ## | 0.199090694 | 0.181945791 | 0.522908084 | 0.166622314 | 0.105803996 | 0.161114709 |
| ## | 112038      | 112040      | 112043      | 112048      | 112051      | 112058      |
| ## | 0.144671650 | 0.089803300 | 0.171238157 | 0.093104289 | 0.553357822 | 0.334319079 |
| ## | 112060      | 112061      | 112069      | 112078      | 112088      | 112097      |
| ## | 0.098281841 | 0.159641450 | 0.190511310 | 0.163641409 | 0.198326206 | 0.061665329 |
| ## | 112098      | 112099      | 112100      | 112111      | 112118      | 112120      |
| ## | 0.141355473 | 0.098281841 | 0.125221027 | 0.183801688 | 0.225783855 | 0.603198134 |
| ## | 112125      | 112126      | 112128      | 112136      | 112144      | 112148      |
| ## | 0.225783855 | 0.228399739 | 0.126874155 | 0.228399739 | 0.228399739 | 0.225783855 |
| ## | 112151      | 112161      | 112194      | 112195      | 112198      | 112201      |
| ## | 0.086705229 | 0.138424151 | 0.269174498 | 0.514588187 | 0.277844214 | 0.618271070 |
| ## | 112203      | 112213      | 112217      | 112223      | 112225      | 112232      |
| ## | 0.708802370 | 0.693589375 | 0.309761283 | 0.306583810 | 0.309761283 | 0.306583810 |
| ## | 112242      | 112257      | 112262      | 112264      | 112268      | 112270      |
| ## | 0.306583810 | 0.228015847 | 0.250281030 | 0.275638055 | 0.275638055 | 0.275638055 |
| ## | 112271      | 112285      | 112293      | 112308      | 112312      | 112322      |
| ## | 0.275638055 | 0.250895048 | 0.277844214 | 0.309761283 | 0.306583810 | 0.306583810 |
| ## | 112329      | 112331      | 112333      | 112334      | 112336      | 112337      |
| ## | 0.335372460 | 0.338702562 | 0.338702562 | 0.338702562 | 0.338702562 | 0.735309197 |
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| ## | 0.338702562 | 0.205399119 | 0.230173910 | 0.233157344 | 0.242756713 | 0.196902087 |
| ## | 112378      | 112380      | 112389      | 112392      | 112395      | 112397      |
| ## | 0.118090926 | 0.642129606 | 0.164916686 | 0.141730994 | 0.129364839 | 0.338702562 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 112399      | 112403      | 112408      | 112419      | 112422      | 112423      |
| ## | 0.338702562 | 0.226578609 | 0.178077324 | 0.139585599 | 0.480485542 | 0.385636987 |
| ## | 112432      | 112435      | 112450      | 112455      | 112457      | 112458      |
| ## | 0.151523542 | 0.142749746 | 0.049324211 | 0.386267522 | 0.329335623 | 0.088933051 |
| ## | 112459      | 112474      | 112475      | 112477      | 112478      | 112485      |
| ## | 0.054889001 | 0.107917263 | 0.039944210 | 0.091235542 | 0.486070474 | 0.115303440 |
| ## | 112486      | 112489      | 112491      | 112501      | 112506      | 112522      |
| ## | 0.158343137 | 0.160339485 | 0.498844321 | 0.462010585 | 0.093538473 | 0.105652911 |
| ## | 112523      | 112529      | 112531      | 112532      | 112538      | 112542      |
| ## | 0.067148027 | 0.053585511 | 0.089687025 | 0.090911273 | 0.086315073 | 0.044955166 |
| ## | 112548      | 112560      | 112562      | 112565      | 112566      | 112567      |
| ## | 0.520604333 | 0.394112204 | 0.138562400 | 0.056068940 | 0.155527776 | 0.381188450 |
| ## | 112568      | 112570      | 112578      | 112589      | 112592      | 112606      |
| ## | 0.381188450 | 0.134454599 | 0.105357963 | 0.142347163 | 0.142347163 | 0.080661175 |
| ## | 112607      | 112629      | 112630      | 112637      | 112645      | 112648      |
| ## | 0.097681506 | 0.348590661 | 0.101295610 | 0.378317725 | 0.142347163 | 0.152341050 |
| ## | 112651      | 112653      | 112663      | 112664      | 112667      | 112686      |
| ## | 0.138284220 | 0.138284220 | 0.138284220 | 0.138284220 | 0.246363952 | 0.230494640 |
| ## | 112691      | 112692      | 112693      | 112698      | 112699      | 112701      |
| ## | 0.117853412 | 0.142783601 | 0.098959918 | 0.393378659 | 0.393378659 | 0.168076947 |
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| ## | 0.167495726 | 0.167495726 | 0.091196109 | 0.169721493 | 0.091196109 | 0.525226807 |
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| ## | 0.167631653 | 0.095314782 | 0.173683689 | 0.175833041 | 0.173683689 | 0.167934044 |
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| ## | 112853      | 112858      | 112863      | 112872      | 112873      | 112875      |
| ## | 0.129867435 | 0.233148667 | 0.545121577 | 0.159085754 | 0.159085754 | 0.131981988 |
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| ## | 0.093024696 | 0.090648975 | 0.150647988 | 0.123516505 | 0.165278137 | 0.564333008 |
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| ## | 0.199038398 | 0.082381110 | 0.079754014 | 0.195264141 | 0.173787543 | 0.199038398 |
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| ## | 0.092080537 | 0.191143022 | 0.188849406 | 0.188849406 | 0.188849406 | 0.114657548 |
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| ## | 113065      | 113069      | 113071      | 113088      | 113092      | 113123      |
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| ## | 113129      | 113141      | 113142      | 113149      | 113152      | 113156      |
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| ## | 0.565518204 | 0.164651905 | 0.439597057 | 0.118822021 | 0.169119415 | 0.169119415 |
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| ## | 113223      | 113227      | 113228      | 113229      | 113232      | 113233      |
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| ## | 113239      | 113260      | 113263      | 113265      | 113270      | 113275      |
| ## | 0.177645388 | 0.149375861 | 0.081623328 | 0.180290755 | 0.547139625 | 0.297592267 |
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| ## | 0.301961979 | 0.298829873 | 0.298829873 | 0.292162002 | 0.292162002 | 0.290866885 |
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| ## | 0.378681909 | 0.079502674 | 0.073697028 | 0.038733816 | 0.163857776 | 0.501594504 |
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| ## | 113659      | 113660      | 113663      | 113670      | 113677      | 113681      |
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| ## | 0.205476217 | 0.329350081 | 0.329350081 | 0.196591225 | 0.729993141 | 0.332650314 |
| ## | 113727      | 113728      | 113729      | 113731      | 113740      | 113743      |
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| ## | 113895      | 113898      | 113904      | 113911      | 113920      | 113922      |
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| ## | 113925      | 113933      | 113938      | 113942      | 113944      | 113955      |
| ## | 0.734748164 | 0.694046472 | 0.700012105 | 0.328561803 | 0.328561803 | 0.316138294 |
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| ## | 0.184961044 | 0.312925063 | 0.714886036 | 0.477504854 | 0.828629305 | 0.312887909 |
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| ## | 0.481224406 | 0.481224406 | 0.477504854 | 0.477504854 | 0.481224406 | 0.312887909 |
| ## | 114004      | 114009      | 114011      | 114012      | 114013      | 114017      |
| ## | 0.481224406 | 0.477504854 | 0.481224406 | 0.481224406 | 0.834197438 | 0.477504854 |

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| ## | 114022      | 114027      | 114032      | 114034      | 114042      | 114050      |
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| ## | 0.477504854 | 0.477504854 | 0.477504854 | 0.319589118 | 0.319589118 | 0.322841731 |
| ## | 114077      | 114081      | 114092      | 114100      | 114101      | 114103      |
| ## | 0.194555382 | 0.152086186 | 0.323284824 | 0.306466005 | 0.716905143 | 0.320924177 |
| ## | 114130      | 114138      | 114141      | 114145      | 114146      | 114160      |
| ## | 0.167129342 | 0.727103613 | 0.316315807 | 0.330217095 | 0.730765614 | 0.323356864 |
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| ## | 0.324347030 | 0.304601964 | 0.315951448 | 0.332735833 | 0.332735833 | 0.332735833 |
| ## | 114178      | 114180      | 114201      | 114205      | 114213      | 114220      |
| ## | 0.339247079 | 0.339247079 | 0.316264395 | 0.314728342 | 0.318610636 | 0.741884212 |
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| ## | 0.328100478 | 0.188845673 | 0.321690567 | 0.305798996 | 0.344453506 | 0.349140518 |
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| ## | 0.744214639 | 0.332150695 | 0.738147702 | 0.339138509 | 0.446780994 | 0.450467554 |
| ## | 114308      | 114309      | 114310      | 114322      | 114328      | 114330      |
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| ## | 114337      | 114339      | 114357      | 114367      | 114372      | 114376      |
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| ## | 114381      | 114390      | 114395      | 114404      | 114413      | 114414      |
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| ## | 0.696291088 | 0.315342446 | 0.325156275 | 0.328435064 | 0.325156275 | 0.236565719 |
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| ## | 0.339926975 | 0.580000656 | 0.231542948 | 0.726752034 | 0.213763815 | 0.213763815 |
| ## | 114505      | 114506      | 114510      | 114512      | 114515      | 114521      |
| ## | 0.353023708 | 0.356435083 | 0.356435083 | 0.356435083 | 0.343291843 | 0.363053177 |
| ## | 114526      | 114528      | 114539      | 114544      | 114549      | 114554      |
| ## | 0.730243676 | 0.348940856 | 0.290552966 | 0.292268203 | 0.328561803 | 0.328561803 |
| ## | 114559      | 114562      | 114566      | 114568      | 114576      | 114587      |
| ## | 0.341944959 | 0.321963185 | 0.316138294 | 0.301316361 | 0.731146293 | 0.340274940 |
| ## | 114588      | 114589      | 114591      | 114598      | 114599      | 114602      |
| ## | 0.336937255 | 0.191667212 | 0.343418512 | 0.309267700 | 0.219146666 | 0.284406434 |
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| ## | 0.324165008 | 0.196652073 | 0.335914343 | 0.335914343 | 0.357067540 | 0.318124240 |
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| ## | 0.144283192 | 0.317951520 | 0.275904553 | 0.315383866 | 0.343504843 | 0.321690567 |
| ## | 114720      | 114723      | 114727      | 114729      | 114734      | 114738      |
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| ## | 114760      | 114763      | 114765      | 114766      | 114767      | 114768      |
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| ## | 114769      | 114789      | 114793      | 114802      | 114805      | 114806      |
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| ## | 114828      | 114830      | 114837      | 114845      | 114848      | 114852      |
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| ## | 114855      | 114856      | 114857      | 114859      | 114865      | 114866      |
| ## | 0.646998225 | 0.646998225 | 0.646998225 | 0.151105368 | 0.744859726 | 0.300471647 |

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| ## | 114876      | 114878      | 114881      | 114882      | 114885      | 114890      |
| ## | 0.753927877 | 0.753927877 | 0.360974258 | 0.170752028 | 0.320396339 | 0.361910610 |
| ## | 114895      | 114897      | 114913      | 114914      | 114915      | 114920      |
| ## | 0.320063155 | 0.320063155 | 0.151228104 | 0.733068228 | 0.336135338 | 0.326617839 |
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| ## | 115026      | 115030      | 115031      | 115032      | 115033      | 115036      |
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| ## | 0.186699888 | 0.280141045 | 0.322424792 | 0.329904161 | 0.333327169 | 0.710559852 |
| ## | 115130      | 115143      | 115153      | 115162      | 115164      | 115172      |
| ## | 0.706161107 | 0.196500730 | 0.149818810 | 0.207949480 | 0.207949480 | 0.229130399 |
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| ## | 115190      | 115204      | 115206      | 115207      | 115208      | 115209      |
| ## | 0.573288534 | 0.204054321 | 0.482728352 | 0.217841594 | 0.220391655 | 0.217841594 |
| ## | 115211      | 115212      | 115215      | 115225      | 115233      | 115236      |
| ## | 0.502469295 | 0.103321594 | 0.125177467 | 0.239333376 | 0.582747552 | 0.111632798 |
| ## | 115238      | 115250      | 115254      | 115261      | 115265      | 115266      |
| ## | 0.154305280 | 0.215107067 | 0.217841594 | 0.373785939 | 0.125054013 | 0.125054013 |
| ## | 115270      | 115276      | 115287      | 115292      | 115293      | 115296      |
| ## | 0.214802501 | 0.191236132 | 0.192317618 | 0.593011441 | 0.157234154 | 0.143263059 |
| ## | 115299      | 115304      | 115309      | 115313      | 115318      | 115321      |
| ## | 0.191453736 | 0.197196350 | 0.129022670 | 0.196981041 | 0.570220191 | 0.171030700 |
| ## | 115322      | 115325      | 115332      | 115337      | 115339      | 115347      |
| ## | 0.527535938 | 0.171434553 | 0.455462162 | 0.505138416 | 0.505138416 | 0.422227534 |
| ## | 115352      | 115359      | 115369      | 115370      | 115371      | 115372      |
| ## | 0.106060190 | 0.585927611 | 0.118202792 | 0.198154496 | 0.191453736 | 0.204013990 |
| ## | 115374      | 115376      | 115385      | 115391      | 115395      | 115398      |
| ## | 0.170971215 | 0.128520564 | 0.538963924 | 0.194634229 | 0.572716030 | 0.196540140 |
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| ## | 0.187995913 | 0.190281594 | 0.103428618 | 0.103428618 | 0.103428618 | 0.103428618 |
| ## | 115425      | 115438      | 115439      | 115444      | 115448      | 115450      |
| ## | 0.065700845 | 0.187995913 | 0.187995913 | 0.103428618 | 0.187995913 | 0.103428618 |
| ## | 115455      | 115460      | 115463      | 115464      | 115465      | 115466      |
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| ## | 115494      | 115496      | 115504      | 115512      | 115516      | 115520      |
| ## | 0.351027521 | 0.081330606 | 0.199610165 | 0.114668610 | 0.090103815 | 0.159486383 |
| ## | 115535      | 115536      | 115537      | 115558      | 115566      | 115569      |
| ## | 0.067098058 | 0.136656467 | 0.136656467 | 0.158454321 | 0.089378125 | 0.170625135 |
| ## | 115582      | 115584      | 115587      | 115595      | 115597      | 115600      |
| ## | 0.155111517 | 0.156508419 | 0.093460002 | 0.155834289 | 0.172250219 | 0.172250219 |
| ## | 115611      | 115620      | 115628      | 115636      | 115638      | 115640      |
| ## | 0.158651964 | 0.150563942 | 0.162994542 | 0.157104047 | 0.155140540 | 0.154457989 |

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| ## | 115641      | 115642      | 115645      | 115649      | 115655      | 115670      |
| ## | 0.154457989 | 0.087072281 | 0.155864860 | 0.160971474 | 0.177829978 | 0.145118326 |
| ## | 115672      | 115673      | 115676      | 115677      | 115678      | 115683      |
| ## | 0.159486383 | 0.161494379 | 0.160953417 | 0.167110359 | 0.082929268 | 0.114659124 |
| ## | 115684      | 115686      | 115691      | 115707      | 115709      | 115713      |
| ## | 0.160033638 | 0.159773110 | 0.088172521 | 0.152809357 | 0.152809357 | 0.151405423 |
| ## | 115718      | 115721      | 115723      | 115729      | 115739      | 115744      |
| ## | 0.145126959 | 0.079242517 | 0.079242517 | 0.427426318 | 0.314503095 | 0.066012479 |
| ## | 115749      | 115750      | 115761      | 115764      | 115775      | 115789      |
| ## | 0.123292363 | 0.047153220 | 0.437714795 | 0.138814380 | 0.196025449 | 0.151963021 |
| ## | 115802      | 115810      | 115812      | 115815      | 115817      | 115819      |
| ## | 0.188573089 | 0.393473911 | 0.157658378 | 0.117784649 | 0.170184170 | 0.175736167 |
| ## | 115828      | 115835      | 115839      | 115851      | 115856      | 115858      |
| ## | 0.267416040 | 0.264506482 | 0.648035975 | 0.648035975 | 0.151963021 | 0.401064018 |
| ## | 115860      | 115866      | 115867      | 115871      | 115879      | 115882      |
| ## | 0.170571103 | 0.161471521 | 0.117288440 | 0.058603535 | 0.090326874 | 0.166167081 |
| ## | 115891      | 115892      | 115894      | 115896      | 115899      | 115900      |
| ## | 0.169331813 | 0.144408727 | 0.103148662 | 0.433328278 | 0.433328278 | 0.433328278 |
| ## | 115901      | 115905      | 115906      | 115907      | 115908      | 115915      |
| ## | 0.433328278 | 0.433328278 | 0.170184170 | 0.084095024 | 0.175736167 | 0.177336871 |
| ## | 115926      | 115933      | 115936      | 115938      | 115944      | 115947      |
| ## | 0.069199794 | 0.169401063 | 0.167314373 | 0.091007682 | 0.157658378 | 0.162917853 |
| ## | 115949      | 115952      | 115953      | 115954      | 115963      | 115974      |
| ## | 0.162917853 | 0.095194793 | 0.110288023 | 0.150036426 | 0.101241231 | 0.184387852 |
| ## | 115976      | 115978      | 115981      | 115985      | 115988      | 115993      |
| ## | 0.184387852 | 0.184387852 | 0.125979905 | 0.280454727 | 0.072339542 | 0.073638348 |
| ## | 116002      | 116015      | 116019      | 116028      | 116033      | 116034      |
| ## | 0.066079362 | 0.136210387 | 0.080766886 | 0.116069921 | 0.132591369 | 0.070774725 |
| ## | 116040      | 116042      | 116048      | 116054      | 116073      | 116077      |
| ## | 0.347640347 | 0.243902374 | 0.046211076 | 0.138540640 | 0.145482040 | 0.053529682 |
| ## | 116085      | 116087      | 116091      | 116110      | 116112      | 116113      |
| ## | 0.132591369 | 0.070774725 | 0.036198027 | 0.096664849 | 0.148195854 | 0.044864050 |
| ## | 116120      | 116121      | 116131      | 116132      | 116139      | 116141      |
| ## | 0.135739392 | 0.135739392 | 0.152081096 | 0.152081096 | 0.051979219 | 0.073506453 |
| ## | 116155      | 116178      | 116183      | 116185      | 116186      | 116190      |
| ## | 0.150540339 | 0.039468786 | 0.029755373 | 0.236944189 | 0.630413809 | 0.585500410 |
| ## | 116196      | 116205      | 116208      | 116209      | 116218      | 116220      |
| ## | 0.182966990 | 0.598341322 | 0.226107243 | 0.226107243 | 0.505335199 | 0.592177408 |
| ## | 116225      | 116230      | 116233      | 116252      | 116253      | 116257      |
| ## | 0.104180436 | 0.228079598 | 0.192222320 | 0.211405284 | 0.217593968 | 0.606667349 |
| ## | 116267      | 116270      | 116282      | 116306      | 116308      | 116317      |
| ## | 0.244118245 | 0.241378652 | 0.237263059 | 0.269692821 | 0.272638281 | 0.155408927 |
| ## | 116320      | 116321      | 116324      | 116331      | 116344      | 116350      |
| ## | 0.269692821 | 0.269692821 | 0.269692821 | 0.272638281 | 0.155408927 | 0.269692821 |
| ## | 116351      | 116352      | 116360      | 116366      | 116372      | 116380      |
| ## | 0.272638281 | 0.269692821 | 0.269692821 | 0.269692821 | 0.132118110 | 0.161706371 |
| ## | 116385      | 116387      | 116405      | 116406      | 116408      | 116416      |
| ## | 0.163525699 | 0.137594524 | 0.217907346 | 0.180749559 | 0.215980753 | 0.567647124 |
| ## | 116418      | 116419      | 116421      | 116426      | 116431      | 116432      |
| ## | 0.234970675 | 0.605758072 | 0.207742861 | 0.226107243 | 0.577582221 | 0.578742299 |
| ## | 116435      | 116442      | 116455      | 116457      | 116458      | 116464      |
| ## | 0.194401440 | 0.199454463 | 0.234281515 | 0.228331476 | 0.181579747 | 0.244118245 |
| ## | 116476      | 116482      | 116483      | 116485      | 116495      | 116497      |
| ## | 0.455665582 | 0.132474073 | 0.455665582 | 0.132474073 | 0.269692821 | 0.155408927 |



|    |             |             |             |              |             |             |
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| ## | 116503      | 116507      | 116519      | 116522       | 116535      | 116538      |
| ## | 0.269692821 | 0.272638281 | 0.670297775 | 0.269692821  | 0.269692821 | 0.670297775 |
| ## | 116551      | 116554      | 116563      | 116572       | 116576      | 116589      |
| ## | 0.272638281 | 0.269692821 | 0.272638281 | 0.094834175  | 0.579197493 | 0.202762794 |
| ## | 116605      | 116607      | 116611      | 116628       | 116634      | 116635      |
| ## | 0.160948714 | 0.091852086 | 0.554858826 | 0.199837818  | 0.557465266 | 0.574757117 |
| ## | 116640      | 116643      | 116644      | 116647       | 116648      | 116649      |
| ## | 0.199837818 | 0.199837818 | 0.574757117 | 0.199837818  | 0.574757117 | 0.161729639 |
| ## | 116655      | 116657      | 116661      | 116673       | 116675      | 116680      |
| ## | 0.099413269 | 0.549478530 | 0.549478530 | 0.130952301  | 0.165657746 | 0.099735558 |
| ## | 116681      | 116682      | 116687      | 116691       | 116694      | 116698      |
| ## | 0.423009476 | 0.436610649 | 0.508589600 | 0.106482844  | 0.093456151 | 0.177238663 |
| ## | 116702      | 116705      | 116709      | 116714       | 116715      | 116721      |
| ## | 0.202762794 | 0.202762794 | 0.202762794 | 0.570028180  | 0.570028180 | 0.202762794 |
| ## | 116726      | 116730      | 116731      | 116745       | 116749      | 116750      |
| ## | 0.570028180 | 0.479721753 | 0.376474505 | 0.184948065  | 0.187205233 | 0.187205233 |
| ## | 116751      | 116754      | 116762      | 116785       | 116791      | 116792      |
| ## | 0.545575265 | 0.545575265 | 0.575298341 | 0.183395448  | 0.543895768 | 0.169628980 |
| ## | 116796      | 116798      | 116808      | 116815       | 116816      | 116818      |
| ## | 0.126214082 | 0.180195603 | 0.175014432 | 0.372604635  | 0.169628980 | 0.169628980 |
| ## | 116826      | 116829      | 116830      | 116844       | 116846      | 116852      |
| ## | 0.177176721 | 0.072288875 | 0.089999635 | 0.179868482  | 0.097036645 | 0.145617339 |
| ## | 116853      | 116855      | 116856      | 116857       | 116858      | 116876      |
| ## | 0.498222970 | 0.114263713 | 0.522313152 | 0.171267136  | 0.136063222 | 0.543575955 |
| ## | 116880      | 116884      | 116888      | 116893       | 116894      | 116897      |
| ## | 0.455043004 | 0.190785373 | 0.092377764 | 0.459006740  | 0.115624165 | 0.195504140 |
| ## | 116900      | 116903      | 116910      | 116914       | 116915      | 116917      |
| ## | 0.193170691 | 0.135528395 | 0.187878962 | 0.201785720  | 0.111869885 | 0.111869885 |
| ## | 116918      | 116923      | 116925      | 116953       | 116960      | 116963      |
| ## | 0.201785720 | 0.396349207 | 0.113108066 | 0.172476089  | 0.201185413 | 0.110031767 |
| ## | 116964      | 116965      | 116967      | 116970       | 116977      | 116989      |
| ## | 0.198800911 | 0.208700113 | 0.188695832 | 0.4444445055 | 0.103269147 | 0.137040131 |
| ## | 116994      | 116999      | 117001      | 117008       | 117010      | 117013      |
| ## | 0.197340006 | 0.180649975 | 0.046934530 | 0.208206838  | 0.205859615 | 0.124322907 |
| ## | 117016      | 117019      | 117021      | 117038       | 117044      | 117058      |
| ## | 0.197691386 | 0.045579779 | 0.060427207 | 0.181707602  | 0.450854686 | 0.121617443 |
| ## | 117061      | 117065      | 117067      | 117069       | 117071      | 117075      |
| ## | 0.121617443 | 0.570164384 | 0.194161679 | 0.098243465  | 0.118174362 | 0.214448155 |
| ## | 117076      | 117101      | 117104      | 117106       | 117107      | 117110      |
| ## | 0.211948168 | 0.193521662 | 0.137935471 | 0.194448415  | 0.185292546 | 0.170418607 |
| ## | 117115      | 117124      | 117125      | 117126       | 117134      | 117143      |
| ## | 0.192824674 | 0.578787787 | 0.578787787 | 0.211088144  | 0.578787787 | 0.185981719 |
| ## | 117154      | 117166      | 117174      | 117176       | 117184      | 117185      |
| ## | 0.137560791 | 0.197019223 | 0.205760553 | 0.205760553  | 0.211948168 | 0.211948168 |
| ## | 117186      | 117204      | 117212      | 117213       | 117229      | 117231      |
| ## | 0.214448155 | 0.117452351 | 0.117452351 | 0.603213251  | 0.080104480 | 0.192824674 |
| ## | 117232      | 117234      | 117247      | 117250       | 117254      | 117256      |
| ## | 0.192824674 | 0.104961392 | 0.208616925 | 0.406413474  | 0.208616925 | 0.211088144 |
| ## | 117260      | 117262      | 117263      | 117264       | 117270      | 117281      |
| ## | 0.208616925 | 0.211088144 | 0.578787787 | 0.591017038  | 0.132600745 | 0.114263713 |
| ## | 117288      | 117289      | 117290      | 117291       | 117292      | 117296      |
| ## | 0.087495500 | 0.132443026 | 0.089323370 | 0.133138889  | 0.136063222 | 0.201344099 |
| ## | 117298      | 117304      | 117307      | 117318       | 117323      | 117330      |
| ## | 0.203751348 | 0.111597538 | 0.543575955 | 0.175434188  | 0.064983189 | 0.195504140 |

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| ## | 117334      | 117337      | 117338      | 117340      | 117367      | 117370      |
| ## | 0.193170691 | 0.446021343 | 0.133791741 | 0.114047773 | 0.201785720 | 0.203790736 |
| ## | 117371      | 117375      | 117396      | 117401      | 117402      | 117408      |
| ## | 0.203790736 | 0.131829993 | 0.073587353 | 0.401533003 | 0.577479035 | 0.201185413 |
| ## | 117410      | 117412      | 117413      | 117415      | 117419      | 117423      |
| ## | 0.589858064 | 0.198800911 | 0.110031767 | 0.208700113 | 0.094544550 | 0.124017745 |
| ## | 117424      | 117425      | 117427      | 117430      | 117434      | 117439      |
| ## | 0.484667561 | 0.152848724 | 0.110075470 | 0.202759975 | 0.512735925 | 0.137040131 |
| ## | 117452      | 117457      | 117462      | 117468      | 117470      | 117474      |
| ## | 0.495525622 | 0.135767241 | 0.138535992 | 0.051073927 | 0.446161065 | 0.141956041 |
| ## | 117480      | 117484      | 117487      | 117489      | 117496      | 117507      |
| ## | 0.068926084 | 0.166722095 | 0.157367075 | 0.167151268 | 0.151329750 | 0.084545353 |
| ## | 117508      | 117509      | 117512      | 117514      | 117515      | 117518      |
| ## | 0.167457348 | 0.167457348 | 0.167457348 | 0.515552351 | 0.515552351 | 0.098148700 |
| ## | 117525      | 117527      | 117528      | 117532      | 117536      | 117560      |
| ## | 0.154850385 | 0.096940724 | 0.095083767 | 0.153847530 | 0.141956041 | 0.158331631 |
| ## | 117561      | 117562      | 117566      | 117567      | 117574      | 117576      |
| ## | 0.139160417 | 0.490712461 | 0.451563274 | 0.350440989 | 0.169545458 | 0.167457348 |
| ## | 117578      | 117586      | 117591      | 117605      | 117612      | 117619      |
| ## | 0.169545458 | 0.098148700 | 0.082677583 | 0.076557876 | 0.075624686 | 0.156554082 |
| ## | 117620      | 117625      | 117626      | 117637      | 117640      | 117642      |
| ## | 0.390828206 | 0.097956375 | 0.097956375 | 0.082677583 | 0.153176759 | 0.063046108 |
| ## | 117643      | 117654      | 117657      | 117660      | 117672      | 117686      |
| ## | 0.496023263 | 0.068795556 | 0.141640484 | 0.319864763 | 0.037254635 | 0.548927886 |
| ## | 117690      | 117694      | 117695      | 117696      | 117702      | 117703      |
| ## | 0.095000121 | 0.137627822 | 0.139406256 | 0.137627822 | 0.078574702 | 0.148002151 |
| ## | 117704      | 117710      | 117716      | 117717      | 117720      | 117729      |
| ## | 0.146132678 | 0.475442823 | 0.068860074 | 0.057337248 | 0.148002151 | 0.057337248 |
| ## | 117737      | 117742      | 117752      | 117757      | 117759      | 117764      |
| ## | 0.078574702 | 0.146132678 | 0.463586423 | 0.146194234 | 0.175542319 | 0.091622608 |
| ## | 117767      | 117769      | 117776      | 117784      | 117795      | 117804      |
| ## | 0.138250764 | 0.073005702 | 0.163175565 | 0.161150683 | 0.152898046 | 0.092333583 |
| ## | 117808      | 117816      | 117821      | 117830      | 117840      | 117843      |
| ## | 0.092333583 | 0.177433905 | 0.177433905 | 0.092300837 | 0.475816047 | 0.475816047 |
| ## | 117846      | 117850      | 117851      | 117852      | 117856      | 117862      |
| ## | 0.119193761 | 0.043980786 | 0.406478444 | 0.250228566 | 0.059045310 | 0.406478444 |
| ## | 117868      | 117872      | 117875      | 117876      | 117877      | 117878      |
| ## | 0.151925128 | 0.133499038 | 0.077829679 | 0.102132704 | 0.157336916 | 0.147732262 |
| ## | 117882      | 117884      | 117885      | 117887      | 117890      | 117892      |
| ## | 0.146954025 | 0.496533226 | 0.151925128 | 0.089025651 | 0.159224077 | 0.105939056 |
| ## | 117897      | 117903      | 117914      | 117927      | 117932      | 117934      |
| ## | 0.103507521 | 0.161355501 | 0.654801242 | 0.285982699 | 0.641804520 | 0.189751278 |
| ## | 117938      | 117939      | 117947      | 117948      | 117951      | 117954      |
| ## | 0.274606129 | 0.274606129 | 0.260678875 | 0.200113233 | 0.111489489 | 0.691183796 |
| ## | 117959      | 117963      | 117990      | 117992      | 117993      | 117996      |
| ## | 0.254529743 | 0.307764928 | 0.294268274 | 0.290357503 | 0.263515325 | 0.685903977 |
| ## | 117997      | 118002      | 118008      | 118011      | 118012      | 118013      |
| ## | 0.274301740 | 0.155581115 | 0.153213747 | 0.684092956 | 0.687304911 | 0.300368494 |
| ## | 118018      | 118023      | 118024      | 118025      | 118037      | 118040      |
| ## | 0.649419973 | 0.643514302 | 0.682505437 | 0.281266257 | 0.284628045 | 0.284628045 |
| ## | 118046      | 118049      | 118050      | 118069      | 118070      | 118074      |
| ## | 0.281603202 | 0.280000822 | 0.679661894 | 0.305160979 | 0.688978664 | 0.688978664 |
| ## | 118075      | 118076      | 118096      | 118103      | 118105      | 118106      |
| ## | 0.685140199 | 0.685140199 | 0.642678831 | 0.289550057 | 0.676016065 | 0.676016065 |

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| ## | 118108      | 118113      | 118117      | 118123      | 118124      | 118128      |
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| ## | 118131      | 118136      | 118138      | 118141      | 118143      | 118162      |
| ## | 0.499602194 | 0.111396730 | 0.561499345 | 0.298931214 | 0.298931214 | 0.680318320 |
| ## | 118167      | 118173      | 118180      | 118183      | 118186      | 118187      |
| ## | 0.293621818 | 0.307304762 | 0.304141385 | 0.687786638 | 0.288361233 | 0.674747502 |
| ## | 118192      | 118210      | 118212      | 118214      | 118218      | 118222      |
| ## | 0.674747502 | 0.656574298 | 0.207328009 | 0.601767962 | 0.226231329 | 0.599499065 |
| ## | 118225      | 118226      | 118229      | 118233      | 118235      | 118237      |
| ## | 0.205511704 | 0.569766353 | 0.639423201 | 0.265823418 | 0.650005831 | 0.565480381 |
| ## | 118240      | 118242      | 118250      | 118251      | 118260      | 118279      |
| ## | 0.151306829 | 0.198147296 | 0.560887552 | 0.298658317 | 0.293630290 | 0.663460764 |
| ## | 118282      | 118284      | 118290      | 118291      | 118299      | 118310      |
| ## | 0.291843175 | 0.263222729 | 0.649419973 | 0.657480908 | 0.682992356 | 0.262491197 |
| ## | 118311      | 118321      | 118334      | 118348      | 118359      | 118360      |
| ## | 0.180121591 | 0.519706048 | 0.623641458 | 0.691597891 | 0.651023731 | 0.268717457 |
| ## | 118365      | 118371      | 118373      | 118375      | 118376      | 118377      |
| ## | 0.290764249 | 0.259246549 | 0.692774405 | 0.305769792 | 0.692774405 | 0.135349111 |
| ## | 118380      | 118382      | 118384      | 118391      | 118397      | 118405      |
| ## | 0.149433116 | 0.269735350 | 0.294268274 | 0.562759307 | 0.258337325 | 0.303509745 |
| ## | 118415      | 118419      | 118424      | 118428      | 118434      | 118435      |
| ## | 0.150518029 | 0.570337286 | 0.284288913 | 0.644272890 | 0.303952349 | 0.285499709 |
| ## | 118436      | 118441      | 118448      | 118449      | 118453      | 118454      |
| ## | 0.285499709 | 0.297372845 | 0.299982092 | 0.299982092 | 0.683990998 | 0.297147344 |
| ## | 118458      | 118460      | 118463      | 118466      | 118468      | 118475      |
| ## | 0.208944163 | 0.715640285 | 0.676016065 | 0.676016065 | 0.676016065 | 0.683177916 |
| ## | 118476      | 118482      | 118501      | 118503      | 118504      | 118519      |
| ## | 0.289550057 | 0.696562377 | 0.594156208 | 0.208424928 | 0.208424928 | 0.319277772 |
| ## | 118520      | 118521      | 118525      | 118532      | 118536      | 118551      |
| ## | 0.316047379 | 0.316047379 | 0.702889735 | 0.293621818 | 0.133296235 | 0.304141385 |
| ## | 118560      | 118564      | 118570      | 118572      | 118574      | 118575      |
| ## | 0.713131746 | 0.674747502 | 0.288361233 | 0.674747502 | 0.674747502 | 0.288361233 |
| ## | 118590      | 118596      | 118610      | 118616      | 118621      | 118641      |
| ## | 0.687978850 | 0.649119935 | 0.677110790 | 0.327211536 | 0.327211536 | 0.219458842 |
| ## | 118648      | 118659      | 118660      | 118665      | 118671      | 118674      |
| ## | 0.688289794 | 0.708561743 | 0.682992356 | 0.196338349 | 0.170010607 | 0.196338349 |
| ## | 118675      | 118677      | 118680      | 118681      | 118692      | 118705      |
| ## | 0.196338349 | 0.193997344 | 0.170010607 | 0.170010607 | 0.280833133 | 0.162881347 |
| ## | 118712      | 118713      | 118714      | 118715      | 118720      | 118722      |
| ## | 0.280833133 | 0.280833133 | 0.673850519 | 0.280833133 | 0.283852972 | 0.280833133 |
| ## | 118724      | 118733      | 118741      | 118743      | 118746      | 118748      |
| ## | 0.162881347 | 0.280833133 | 0.162881347 | 0.283852972 | 0.280833133 | 0.280833133 |
| ## | 118759      | 118764      | 118768      | 118770      | 118774      | 118784      |
| ## | 0.098866351 | 0.446775321 | 0.162881347 | 0.280833133 | 0.283852972 | 0.283852972 |
| ## | 118785      | 118790      | 118796      | 118797      | 118808      | 118810      |
| ## | 0.280833133 | 0.280833133 | 0.283852972 | 0.283852972 | 0.111283383 | 0.283257353 |
| ## | 118816      | 118822      | 118824      | 118826      | 118833      | 118838      |
| ## | 0.484102999 | 0.254742267 | 0.639451138 | 0.286805303 | 0.727307853 | 0.319554546 |
| ## | 118840      | 118844      | 118859      | 118861      | 118868      | 118877      |
| ## | 0.727307853 | 0.316322654 | 0.718086640 | 0.703155550 | 0.727307853 | 0.808837829 |
| ## | 118879      | 118880      | 118889      | 118909      | 118916      | 118926      |
| ## | 0.426939317 | 0.801621606 | 0.789819844 | 0.426939317 | 0.426939317 | 0.787335083 |
| ## | 118928      | 118930      | 118931      | 118934      | 118936      | 118939      |
| ## | 0.808837829 | 0.426939317 | 0.801621606 | 0.801621606 | 0.426939317 | 0.426939317 |

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| ## | 118940      | 118948      | 118963      | 118964      | 118977      | 118978      |
| ## | 0.426939317 | 0.426939317 | 0.426939317 | 0.423296989 | 0.808837829 | 0.426939317 |
| ## | 118986      | 118987      | 118990      | 118995      | 118996      | 119002      |
| ## | 0.808837829 | 0.789819844 | 0.808837829 | 0.801621606 | 0.789819844 | 0.426939317 |
| ## | 119004      | 119006      | 119011      | 119019      | 119020      | 119022      |
| ## | 0.808837829 | 0.801621606 | 0.267789964 | 0.423296989 | 0.423296989 | 0.213573456 |
| ## | 119035      | 119043      | 119044      | 119046      | 119052      | 119053      |
| ## | 0.188838791 | 0.321680763 | 0.705188953 | 0.726286768 | 0.321680763 | 0.321680763 |
| ## | 119062      | 119063      | 119065      | 119070      | 119071      | 119072      |
| ## | 0.321680763 | 0.729676600 | 0.705188953 | 0.720058484 | 0.237719905 | 0.559837676 |
| ## | 119077      | 119087      | 119096      | 119100      | 119115      | 119119      |
| ## | 0.160697025 | 0.586766283 | 0.286292883 | 0.669236131 | 0.703155550 | 0.718086640 |
| ## | 119122      | 119124      | 119129      | 119130      | 119131      | 119135      |
| ## | 0.727307853 | 0.727307853 | 0.703155550 | 0.316322654 | 0.703155550 | 0.319554546 |
| ## | 119143      | 119144      | 119146      | 119153      | 119166      | 119170      |
| ## | 0.703155550 | 0.709974851 | 0.319554546 | 0.566968096 | 0.423296989 | 0.801621606 |
| ## | 119177      | 119178      | 119180      | 119183      | 119186      | 119196      |
| ## | 0.426939317 | 0.426939317 | 0.808837829 | 0.426939317 | 0.423296989 | 0.426939317 |
| ## | 119206      | 119208      | 119211      | 119214      | 119227      | 119240      |
| ## | 0.808837829 | 0.426939317 | 0.426939317 | 0.808837829 | 0.426939317 | 0.808837829 |
| ## | 119253      | 119254      | 119257      | 119286      | 119288      | 119290      |
| ## | 0.200981070 | 0.637525538 | 0.729239518 | 0.808837829 | 0.808837829 | 0.426939317 |
| ## | 119292      | 119299      | 119310      | 119316      | 119317      | 119321      |
| ## | 0.808837829 | 0.726286768 | 0.321680763 | 0.321680763 | 0.720058484 | 0.321680763 |
| ## | 119325      | 119336      | 119339      | 119340      | 119342      | 119343      |
| ## | 0.321680763 | 0.098733237 | 0.180233163 | 0.182445670 | 0.226806124 | 0.224203188 |
| ## | 119351      | 119354      | 119358      | 119361      | 119372      | 119375      |
| ## | 0.226806124 | 0.226806124 | 0.125873356 | 0.125873356 | 0.224203188 | 0.224203188 |
| ## | 119380      | 119387      | 119392      | 119402      | 119403      | 119415      |
| ## | 0.125873356 | 0.127325260 | 0.187234916 | 0.109324146 | 0.180212311 | 0.188167811 |
| ## | 119431      | 119432      | 119435      | 119438      | 119440      | 119446      |
| ## | 0.092341699 | 0.190633441 | 0.394756956 | 0.123301798 | 0.189893785 | 0.180600436 |
| ## | 119451      | 119458      | 119462      | 119464      | 119468      | 119473      |
| ## | 0.161905410 | 0.187409092 | 0.110080696 | 0.110080696 | 0.194460138 | 0.040211891 |
| ## | 119480      | 119485      | 119487      | 119498      | 119500      | 119510      |
| ## | 0.117420806 | 0.102355310 | 0.090833401 | 0.098733237 | 0.098733237 | 0.125873356 |
| ## | 119518      | 119519      | 119525      | 119529      | 119530      | 119535      |
| ## | 0.125873356 | 0.224203188 | 0.226806124 | 0.226806124 | 0.226806124 | 0.401788896 |
| ## | 119539      | 119543      | 119545      | 119553      | 119559      | 119589      |
| ## | 0.096951062 | 0.061896853 | 0.159183169 | 0.163836713 | 0.194831074 | 0.099159108 |
| ## | 119593      | 119607      | 119608      | 119614      | 119619      | 119623      |
| ## | 0.069760795 | 0.105452959 | 0.380607396 | 0.167211962 | 0.196888880 | 0.169104585 |
| ## | 119662      | 119668      | 119669      | 119670      | 119671      | 119677      |
| ## | 0.081184852 | 0.087576165 | 0.055715509 | 0.456574062 | 0.458447984 | 0.327267445 |
| ## | 119684      | 119686      | 119692      | 119694      | 119707      | 119710      |
| ## | 0.449108674 | 0.122066255 | 0.155530038 | 0.278566655 | 0.269762210 | 0.272708144 |
| ## | 119712      | 119714      | 119715      | 119717      | 119722      | 119728      |
| ## | 0.272708144 | 0.241396528 | 0.517970868 | 0.242670665 | 0.304660073 | 0.304660073 |
| ## | 119737      | 119740      | 119744      | 119750      | 119751      | 119753      |
| ## | 0.226424124 | 0.232593510 | 0.287989730 | 0.674601236 | 0.284548270 | 0.249195167 |
| ## | 119756      | 119757      | 119760      | 119763      | 119773      | 119779      |
| ## | 0.230432847 | 0.155530038 | 0.275581414 | 0.150206697 | 0.627116782 | 0.155455171 |
| ## | 119783      | 119784      | 119793      | 119794      | 119797      | 119805      |
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| ## | 119811      | 119815      | 119823      | 119826      | 119827      | 119833      |
| ## | 0.491254441 | 0.273831813 | 0.671068574 | 0.284943391 | 0.671068574 | 0.336675140 |
| ## | 119837      | 119839      | 119840      | 119845      | 119854      | 119875      |
| ## | 0.336675140 | 0.336675140 | 0.336675140 | 0.336675140 | 0.336675140 | 0.519183786 |
| ## | 119878      | 119883      | 119885      | 119894      | 119901      | 119903      |
| ## | 0.519183786 | 0.176329420 | 0.176329420 | 0.241094225 | 0.127295990 | 0.242697955 |
| ## | 119909      | 119919      | 119921      | 119927      | 119928      | 119930      |
| ## | 0.623148520 | 0.151838233 | 0.339151301 | 0.487005865 | 0.454529188 | 0.162908242 |
| ## | 119932      | 119933      | 119936      | 119940      | 119942      | 119944      |
| ## | 0.171673312 | 0.451059094 | 0.103544860 | 0.141813659 | 0.078204251 | 0.387936488 |
| ## | 119945      | 119949      | 119951      | 119954      | 119963      | 119967      |
| ## | 0.087772862 | 0.083627026 | 0.080266095 | 0.118358429 | 0.098870202 | 0.083486691 |
| ## | 119980      | 119983      | 119984      | 119995      | 120002      | 120025      |
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| ## | 120026      | 120029      | 120031      | 120046      | 120053      | 120055      |
| ## | 0.131715671 | 0.450839764 | 0.050437109 | 0.136006828 | 0.054267793 | 0.134264996 |
| ## | 120057      | 120060      | 120068      | 120070      | 120081      | 120082      |
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| ## | 0.130020525 | 0.052239610 | 0.450716000 | 0.136006828 | 0.163513514 | 0.163513514 |
| ## | 120136      | 120144      | 120148      | 120156      | 120174      | 120176      |
| ## | 0.088755505 | 0.158624998 | 0.388807500 | 0.491259084 | 0.127216493 | 0.143061466 |
| ## | 120182      | 120206      | 120207      | 120213      | 120225      | 120227      |
| ## | 0.143061466 | 0.090594188 | 0.089373791 | 0.087654896 | 0.077629218 | 0.069193799 |
| ## | 120228      | 120233      | 120235      | 120238      | 120242      | 120258      |
| ## | 0.148571236 | 0.486319136 | 0.093104131 | 0.155175330 | 0.156296166 | 0.146153653 |
| ## | 120260      | 120263      | 120266      | 120271      | 120277      | 120280      |
| ## | 0.126852294 | 0.128880497 | 0.134732325 | 0.147011389 | 0.128880497 | 0.155175330 |
| ## | 120283      | 120288      | 120301      | 120303      | 120310      | 120323      |
| ## | 0.077752583 | 0.070082319 | 0.083358678 | 0.083358678 | 0.156296166 | 0.137207561 |
| ## | 120328      | 120332      | 120335      | 120336      | 120340      | 120347      |
| ## | 0.244684743 | 0.617625400 | 0.135846728 | 0.239829984 | 0.239829984 | 0.135846728 |
| ## | 120359      | 120364      | 120373      | 120374      | 120381      | 120384      |
| ## | 0.228890744 | 0.228890744 | 0.328545933 | 0.086990539 | 0.497289162 | 0.519246572 |
| ## | 120386      | 120393      | 120397      | 120402      | 120408      | 120412      |
| ## | 0.168447915 | 0.168447915 | 0.107277801 | 0.174523242 | 0.173237203 | 0.172942888 |
| ## | 120415      | 120417      | 120419      | 120420      | 120421      | 120422      |
| ## | 0.417869974 | 0.092262691 | 0.485596943 | 0.160154850 | 0.137543115 | 0.367797640 |
| ## | 120431      | 120433      | 120434      | 120454      | 120455      | 120465      |
| ## | 0.145303238 | 0.147163928 | 0.145303238 | 0.487772678 | 0.168193096 | 0.391672698 |
| ## | 120466      | 120472      | 120499      | 120501      | 120517      | 120520      |
| ## | 0.491418506 | 0.165832292 | 0.228890744 | 0.228890744 | 0.147904809 | 0.175382202 |
| ## | 120525      | 120527      | 120529      | 120539      | 120545      | 120547      |
| ## | 0.547920439 | 0.517038619 | 0.139901019 | 0.185396182 | 0.168193096 | 0.102091887 |
| ## | 120568      | 120573      | 120578      | 120580      | 120593      | 120612      |
| ## | 0.193457893 | 0.171693745 | 0.172125336 | 0.186582528 | 0.049101201 | 0.187464701 |
| ## | 120629      | 120635      | 120636      | 120645      | 120650      | 120651      |
| ## | 0.179683277 | 0.082785809 | 0.103647265 | 0.174711949 | 0.342464837 | 0.342464837 |
| ## | 120655      | 120671      | 120680      | 120684      | 120685      | 120686      |
| ## | 0.393042909 | 0.112246844 | 0.174170882 | 0.152963796 | 0.186098839 | 0.100917111 |
| ## | 120687      | 120689      | 120695      | 120696      | 120698      | 120711      |
| ## | 0.369119937 | 0.095333391 | 0.154447460 | 0.156403819 | 0.172183327 | 0.538628650 |
| ## | 120725      | 120734      | 120751      | 120763      | 120772      | 120780      |
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| ## | 120781      | 120782      | 120783      | 120787      | 120788      | 120793      |
| ## | 0.558957013 | 0.189745433 | 0.477271697 | 0.409872060 | 0.410407868 | 0.042617005 |
| ## | 120809      | 120815      | 120817      | 120825      | 120833      | 120834      |
| ## | 0.083924538 | 0.176871302 | 0.437365126 | 0.097236060 | 0.376228270 | 0.437555543 |
| ## | 120840      | 120841      | 120848      | 120856      | 120861      | 120868      |
| ## | 0.102947911 | 0.106872487 | 0.176324977 | 0.491463059 | 0.527843681 | 0.538158785 |
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| ## | 0.544097675 | 0.184051586 | 0.544097675 | 0.186300314 | 0.177808745 | 0.097275031 |
| ## | 120898      | 120900      | 120904      | 120909      | 120914      | 120921      |
| ## | 0.177808745 | 0.097275031 | 0.099815897 | 0.163408881 | 0.165456541 | 0.508225592 |
| ## | 120924      | 120926      | 120943      | 120946      | 120947      | 120953      |
| ## | 0.155393883 | 0.442877462 | 0.147781601 | 0.181155243 | 0.178954959 | 0.436900374 |
| ## | 120955      | 120961      | 120962      | 120967      | 120968      | 120974      |
| ## | 0.147781601 | 0.147692313 | 0.329956959 | 0.540379135 | 0.261807770 | 0.281682041 |
| ## | 120985      | 120996      | 121003      | 121004      | 121006      | 121011      |
| ## | 0.654957398 | 0.297003130 | 0.281250879 | 0.188684454 | 0.299312175 | 0.664197456 |
| ## | 121014      | 121015      | 121026      | 121034      | 121039      | 121041      |
| ## | 0.273288388 | 0.677712932 | 0.300434805 | 0.636970445 | 0.130512113 | 0.296933955 |
| ## | 121056      | 121069      | 121071      | 121079      | 121087      | 121088      |
| ## | 0.326670367 | 0.242707720 | 0.291602932 | 0.667040059 | 0.690082757 | 0.299312175 |
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| ## | 0.237143104 | 0.629189277 | 0.585608082 | 0.257762555 | 0.686242590 | 0.689297768 |
| ## | 121126      | 121134      | 121136      | 121142      | 121151      | 121155      |
| ## | 0.290290874 | 0.128723443 | 0.296735424 | 0.340042927 | 0.167608805 | 0.165539792 |
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| ## | 0.084831394 | 0.124166760 | 0.065243675 | 0.163471256 | 0.113790301 | 0.089954999 |
| ## | 121197      | 121200      | 121201      | 121214      | 121216      | 121226      |
| ## | 0.089954999 | 0.167608805 | 0.167608805 | 0.163807886 | 0.084025302 | 0.077848368 |
| ## | 121244      | 121269      | 121278      | 121282      | 121286      | 121287      |
| ## | 0.162619580 | 0.189589091 | 0.080227767 | 0.065972019 | 0.123472527 | 0.116515243 |
| ## | 121291      | 121293      | 121299      | 121304      | 121306      | 121310      |
| ## | 0.094459506 | 0.054270658 | 0.139856862 | 0.249078886 | 0.121868578 | 0.201724439 |
| ## | 121319      | 121323      | 121326      | 121327      | 121333      | 121334      |
| ## | 0.180203793 | 0.214764166 | 0.199181390 | 0.201569307 | 0.208363954 | 0.190043609 |
| ## | 121335      | 121346      | 121347      | 121352      | 121354      | 121357      |
| ## | 0.333248534 | 0.329945301 | 0.333248534 | 0.333248534 | 0.329945301 | 0.329945301 |
| ## | 121358      | 121359      | 121361      | 121362      | 121363      | 121372      |
| ## | 0.730523718 | 0.333248534 | 0.197017000 | 0.333248534 | 0.333248534 | 0.333248534 |
| ## | 121374      | 121376      | 121377      | 121378      | 121381      | 121385      |
| ## | 0.333248534 | 0.333248534 | 0.333248534 | 0.333248534 | 0.151301599 | 0.219787995 |
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| ## | 0.333248534 | 0.329945301 | 0.329945301 | 0.329945301 | 0.329945301 | 0.222117519 |
| ## | 121456      | 121464      | 121480      | 121482      | 121502      | 121510      |
| ## | 0.598137996 | 0.506131393 | 0.308439724 | 0.344551067 | 0.334556828 | 0.682106807 |
| ## | 121511      | 121514      | 121519      | 121526      | 121527      | 121529      |
| ## | 0.206867787 | 0.295346836 | 0.309843393 | 0.078029948 | 0.095258783 | 0.324499722 |
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| ## | 0.324499722 | 0.228543368 | 0.084986720 | 0.353639151 | 0.353639151 | 0.353639151 |
| ## | 121564      | 121576      | 121580      | 121590      | 121595      | 121605      |
| ## | 0.353639151 | 0.219093296 | 0.363676277 | 0.353639151 | 0.309444674 | 0.324023536 |

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| ## | 121611      | 121619      | 121623      | 121624      | 121625      | 121626      |
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| ## | 121632      | 121634      | 121635      | 121638      | 121643      | 121645      |
| ## | 0.316582851 | 0.345915600 | 0.345915600 | 0.319366896 | 0.316720913 | 0.829011458 |
| ## | 121647      | 121656      | 121659      | 121660      | 121663      | 121668      |
| ## | 0.478176917 | 0.478176917 | 0.481896876 | 0.481896876 | 0.478176917 | 0.313467283 |
| ## | 121676      | 121678      | 121687      | 121694      | 121695      | 121698      |
| ## | 0.481896876 | 0.481896876 | 0.478176917 | 0.313467283 | 0.481896876 | 0.313467283 |
| ## | 121701      | 121707      | 121708      | 121710      | 121713      | 121715      |
| ## | 0.246590306 | 0.481896876 | 0.478176917 | 0.478176917 | 0.313467283 | 0.313467283 |
| ## | 121717      | 121719      | 121722      | 121733      | 121734      | 121740      |
| ## | 0.478176917 | 0.313467283 | 0.478176917 | 0.481896876 | 0.478176917 | 0.478176917 |
| ## | 121745      | 121750      | 121751      | 121758      | 121765      | 121766      |
| ## | 0.478176917 | 0.481896876 | 0.481896876 | 0.481896876 | 0.478176917 | 0.829011458 |
| ## | 121767      | 121769      | 121777      | 121788      | 121790      | 121793      |
| ## | 0.478176917 | 0.481896876 | 0.478176917 | 0.323427752 | 0.320175119 | 0.323427752 |
| ## | 121797      | 121802      | 121807      | 121814      | 121817      | 121818      |
| ## | 0.338348212 | 0.330379462 | 0.727529866 | 0.353197342 | 0.708786802 | 0.717451484 |
| ## | 121820      | 121821      | 121825      | 121828      | 121842      | 121846      |
| ## | 0.264239457 | 0.274078527 | 0.320448754 | 0.337312076 | 0.260139416 | 0.260139416 |
| ## | 121848      | 121849      | 121858      | 121863      | 121867      | 121873      |
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| ## | 121878      | 121887      | 121889      | 121891      | 121896      | 121910      |
| ## | 0.338272630 | 0.314685196 | 0.149164193 | 0.330030469 | 0.333334131 | 0.320619380 |
| ## | 121914      | 121916      | 121917      | 121919      | 121922      | 121941      |
| ## | 0.185455527 | 0.313630007 | 0.313630007 | 0.313630007 | 0.318708813 | 0.347484031 |
| ## | 121947      | 121952      | 121957      | 121960      | 121962      | 121966      |
| ## | 0.300154608 | 0.322278596 | 0.344202707 | 0.343886428 | 0.329156297 | 0.300154608 |
| ## | 121971      | 121975      | 121977      | 121978      | 121981      | 121984      |
| ## | 0.346371010 | 0.349752852 | 0.158487295 | 0.349752852 | 0.346371010 | 0.190306366 |
| ## | 121985      | 121991      | 121996      | 121997      | 122024      | 122027      |
| ## | 0.320514222 | 0.739095299 | 0.724850549 | 0.447446847 | 0.389128039 | 0.240929554 |
| ## | 122036      | 122039      | 122045      | 122055      | 122058      | 122063      |
| ## | 0.184601695 | 0.392676548 | 0.389128039 | 0.325414422 | 0.299831472 | 0.347139261 |
| ## | 122064      | 122073      | 122080      | 122081      | 122085      | 122088      |
| ## | 0.164392394 | 0.299570721 | 0.335943469 | 0.332626850 | 0.318708813 | 0.350666593 |
| ## | 122092      | 122103      | 122111      | 122116      | 122121      | 122122      |
| ## | 0.338031300 | 0.691590754 | 0.746040025 | 0.367650505 | 0.367650505 | 0.367650505 |
| ## | 122124      | 122130      | 122136      | 122138      | 122147      | 122155      |
| ## | 0.371122146 | 0.166188972 | 0.650112085 | 0.605208133 | 0.726289419 | 0.329029442 |
| ## | 122156      | 122169      | 122171      | 122212      | 122213      | 122222      |
| ## | 0.325747597 | 0.152504197 | 0.185839543 | 0.478176917 | 0.481896876 | 0.481896876 |
| ## | 122231      | 122251      | 122260      | 122262      | 122267      | 122272      |
| ## | 0.478176917 | 0.478176917 | 0.481896876 | 0.481896876 | 0.320345448 | 0.179617869 |
| ## | 122276      | 122286      | 122287      | 122289      | 122292      | 122293      |
| ## | 0.179617869 | 0.704393142 | 0.654805219 | 0.194589167 | 0.337539286 | 0.340879868 |
| ## | 122294      | 122304      | 122308      | 122310      | 122315      | 122317      |
| ## | 0.293560480 | 0.706970169 | 0.192084872 | 0.288001353 | 0.332096689 | 0.332096689 |
| ## | 122331      | 122332      | 122346      | 122347      | 122349      | 122360      |
| ## | 0.324499722 | 0.324499722 | 0.743245181 | 0.353639151 | 0.353639151 | 0.192794541 |
| ## | 122363      | 122366      | 122374      | 122375      | 122388      | 122394      |
| ## | 0.327296442 | 0.327634265 | 0.117384511 | 0.087037426 | 0.325873802 | 0.318504279 |
| ## | 122403      | 122420      | 122422      | 122438      | 122439      | 122440      |
| ## | 0.552410025 | 0.711901366 | 0.217204489 | 0.279433972 | 0.318708813 | 0.318708813 |

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| ## | 122444      | 122449      | 122454      | 122456      | 122458      | 122465      |
| ## | 0.319195685 | 0.334732460 | 0.344112518 | 0.347484031 | 0.347484031 | 0.319032070 |
| ## | 122466      | 122479      | 122482      | 122486      | 122489      | 122494      |
| ## | 0.322278596 | 0.303142424 | 0.329156297 | 0.319816159 | 0.345061977 | 0.163927029 |
| ## | 122501      | 122504      | 122506      | 122510      | 122513      | 122523      |
| ## | 0.309547349 | 0.197826096 | 0.339742457 | 0.339742457 | 0.339742457 | 0.447446847 |
| ## | 122531      | 122537      | 122543      | 122544      | 122546      | 122554      |
| ## | 0.816785947 | 0.287490599 | 0.447446847 | 0.447446847 | 0.287490599 | 0.389128039 |
| ## | 122564      | 122568      | 122570      | 122574      | 122584      | 122585      |
| ## | 0.389128039 | 0.389128039 | 0.240929554 | 0.240929554 | 0.389128039 | 0.240929554 |
| ## | 122587      | 122588      | 122592      | 122599      | 122602      | 122605      |
| ## | 0.647613165 | 0.250690125 | 0.299831472 | 0.737757869 | 0.367650505 | 0.367650505 |
| ## | 122613      | 122614      | 122619      | 122622      | 122623      | 122628      |
| ## | 0.367650505 | 0.371122146 | 0.361595815 | 0.358162536 | 0.746992695 | 0.650112085 |
| ## | 122634      | 122638      | 122643      | 122649      | 122653      | 122654      |
| ## | 0.365984149 | 0.362532865 | 0.344724042 | 0.336250698 | 0.733161904 | 0.336736663 |
| ## | 122656      | 122661      | 122679      | 122681      | 122684      | 122686      |
| ## | 0.336736663 | 0.327210530 | 0.317460305 | 0.360093189 | 0.216450148 | 0.356666205 |
| ## | 122687      | 122696      | 122698      | 122700      | 122707      | 122718      |
| ## | 0.326333662 | 0.478176917 | 0.481896876 | 0.481896876 | 0.478176917 | 0.478176917 |
| ## | 122722      | 122723      | 122725      | 122728      | 122731      | 122733      |
| ## | 0.478176917 | 0.478176917 | 0.478176917 | 0.313467283 | 0.313467283 | 0.481896876 |
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| ## | 0.478176917 | 0.478176917 | 0.481896876 | 0.338348212 | 0.320003208 | 0.319354401 |
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| ## | 0.320619380 | 0.244977076 | 0.687971002 | 0.339622926 | 0.738565107 | 0.737359157 |
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| ## | 0.260139416 | 0.290717463 | 0.323013524 | 0.330619379 | 0.333925998 | 0.330619379 |
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| ## | 0.731295232 | 0.324448493 | 0.305172810 | 0.313637487 | 0.159925063 | 0.357686136 |
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| ## | 0.239824088 | 0.134102872 | 0.239824088 | 0.239824088 | 0.237117569 | 0.134102872 |
| ## | 122891      | 122892      | 122900      | 122908      | 122915      | 122916      |
| ## | 0.134102872 | 0.237117569 | 0.505963450 | 0.229606507 | 0.194210043 | 0.199279463 |
| ## | 122919      | 122931      | 122932      | 122937      | 122939      | 122946      |
| ## | 0.108889440 | 0.208393474 | 0.201372238 | 0.215562184 | 0.145835108 | 0.155362955 |
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| ## | 0.441023548 | 0.215257150 | 0.169905222 | 0.194580038 | 0.196926357 | 0.150162219 |
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| ## | 0.125803121 | 0.229606507 | 0.191061572 | 0.111900199 | 0.142187555 | 0.570931505 |
| ## | 122993      | 122994      | 123004      | 123008      | 123010      | 123014      |
| ## | 0.205945566 | 0.114441860 | 0.152193185 | 0.128811163 | 0.218300886 | 0.155362955 |
| ## | 123023      | 123027      | 123028      | 123029      | 123030      | 123031      |
| ## | 0.130795085 | 0.215257150 | 0.403563354 | 0.115568731 | 0.429059906 | 0.115568731 |
| ## | 123039      | 123050      | 123062      | 123065      | 123066      | 123075      |
| ## | 0.196654696 | 0.162943981 | 0.553214805 | 0.200855763 | 0.180633461 | 0.571224698 |
| ## | 123079      | 123084      | 123085      | 123089      | 123090      | 123095      |
| ## | 0.197188395 | 0.436383481 | 0.201518898 | 0.198582820 | 0.495582060 | 0.171817496 |
| ## | 123098      | 123106      | 123107      | 123109      | 123114      | 123116      |
| ## | 0.149179949 | 0.165439905 | 0.503699052 | 0.187491417 | 0.563897392 | 0.181942502 |
| ## | 123117      | 123118      | 123123      | 123142      | 123158      | 123165      |
| ## | 0.181942502 | 0.187045888 | 0.158573226 | 0.576309341 | 0.196965831 | 0.151081508 |
| ## | 123167      | 123173      | 123185      | 123188      | 123194      | 123197      |
| ## | 0.149179949 | 0.190696947 | 0.103678661 | 0.190696947 | 0.190696947 | 0.188407437 |



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| ## | 123199      | 123201      | 123212      | 123213      | 123215      | 123216      |
| ## | 0.103678661 | 0.103678661 | 0.065866380 | 0.437360509 | 0.147193571 | 0.145332570 |
| ## | 123218      | 123219      | 123225      | 123226      | 123227      | 123234      |
| ## | 0.493874880 | 0.084611317 | 0.056416274 | 0.107137802 | 0.357951324 | 0.324511533 |
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| ## | 0.147193571 | 0.147193571 | 0.094027514 | 0.056416274 | 0.089322968 | 0.088118036 |
| ## | 123255      | 123256      | 123259      | 123261      | 123263      | 123274      |
| ## | 0.367132426 | 0.096620770 | 0.046790390 | 0.089680203 | 0.176051797 | 0.166163736 |
| ## | 123288      | 123294      | 123295      | 123312      | 123330      | 123343      |
| ## | 0.069154746 | 0.197424171 | 0.199796277 | 0.110190682 | 0.146574712 | 0.095000403 |
| ## | 123344      | 123366      | 123368      | 123371      | 123381      | 123402      |
| ## | 0.167094534 | 0.092444057 | 0.538608020 | 0.127481851 | 0.102021226 | 0.097126484 |
| ## | 123407      | 123410      | 123411      | 123414      | 123418      | 123436      |
| ## | 0.153893255 | 0.531758200 | 0.153158386 | 0.498918174 | 0.048251680 | 0.083394311 |
| ## | 123449      | 123456      | 123458      | 123460      | 123466      | 123467      |
| ## | 0.366545785 | 0.123021232 | 0.127789828 | 0.464349056 | 0.102373471 | 0.118627086 |
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| ## | 0.108588501 | 0.200684734 | 0.168727148 | 0.173050545 | 0.152310465 | 0.105857348 |
| ## | 123529      | 123530      | 123533      | 123535      | 123542      | 123548      |
| ## | 0.187542356 | 0.145847888 | 0.153708626 | 0.415560987 | 0.267944049 | 0.267944049 |
| ## | 123550      | 123551      | 123552      | 123559      | 123566      | 123571      |
| ## | 0.265030824 | 0.267944049 | 0.648650088 | 0.648650088 | 0.102649172 | 0.432755569 |
| ## | 123573      | 123574      | 123579      | 123580      | 123582      | 123593      |
| ## | 0.109483802 | 0.164838984 | 0.090548441 | 0.090548441 | 0.168619617 | 0.131955232 |
| ## | 123600      | 123608      | 123610      | 123611      | 123614      | 123618      |
| ## | 0.170564894 | 0.097567531 | 0.155256762 | 0.176126676 | 0.182950619 | 0.097227836 |
| ## | 123620      | 123622      | 123625      | 123627      | 123629      | 123630      |
| ## | 0.177730170 | 0.177730170 | 0.111326285 | 0.107899621 | 0.144001027 | 0.144001027 |
| ## | 123638      | 123645      | 123661      | 123664      | 123669      | 123673      |
| ## | 0.091230752 | 0.167689975 | 0.176126676 | 0.106702413 | 0.097227836 | 0.177730170 |
| ## | 123678      | 123692      | 123695      | 123701      | 123704      | 123715      |
| ## | 0.502122829 | 0.126276787 | 0.078725402 | 0.474999479 | 0.184793276 | 0.146697168 |
| ## | 123719      | 123730      | 123731      | 123734      | 123738      | 123739      |
| ## | 0.058934045 | 0.462427536 | 0.088837024 | 0.065329822 | 0.081815591 | 0.072809750 |
| ## | 123741      | 123745      | 123759      | 123764      | 123766      | 123767      |
| ## | 0.268309918 | 0.117190915 | 0.470855637 | 0.132901463 | 0.132901463 | 0.132901463 |
| ## | 123770      | 123774      | 123777      | 123785      | 123792      | 123798      |
| ## | 0.132901463 | 0.085664986 | 0.138862420 | 0.067236504 | 0.099319413 | 0.040386121 |
| ## | 123806      | 123813      | 123817      | 123819      | 123825      | 123838      |
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| ## | 123843      | 123845      | 123848      | 123855      | 123861      | 123868      |
| ## | 0.326112874 | 0.137817059 | 0.137817059 | 0.090386223 | 0.161069882 | 0.094583979 |
| ## | 123874      | 123881      | 123885      | 123891      | 123898      | 123907      |
| ## | 0.106318918 | 0.128546975 | 0.288087782 | 0.053057302 | 0.112189651 | 0.237431532 |
| ## | 123911      | 123917      | 123920      | 123921      | 123923      | 123926      |
| ## | 0.211168423 | 0.219270779 | 0.208186529 | 0.226578914 | 0.483169473 | 0.600895185 |
| ## | 123930      | 123935      | 123938      | 123939      | 123953      | 123960      |
| ## | 0.517500678 | 0.233190501 | 0.136608050 | 0.202803871 | 0.609623838 | 0.224131016 |
| ## | 123967      | 123970      | 123971      | 123973      | 123978      | 123985      |
| ## | 0.225483356 | 0.225483356 | 0.224745210 | 0.240978744 | 0.137891256 | 0.244615613 |
| ## | 123997      | 123998      | 124002      | 124011      | 124013      | 124014      |
| ## | 0.123564552 | 0.273172756 | 0.270223667 | 0.270223667 | 0.270223667 | 0.270223667 |

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| ## | 124018      | 124025      | 124026      | 124028      | 124033      | 124036      |
| ## | 0.273172756 | 0.270223667 | 0.273172756 | 0.270223667 | 0.155762802 | 0.270223667 |
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| ## | 0.270223667 | 0.155762802 | 0.270223667 | 0.155762802 | 0.654664194 | 0.273172756 |
| ## | 124062      | 124064      | 124079      | 124081      | 124085      | 124089      |
| ## | 0.270223667 | 0.654664194 | 0.163894470 | 0.087780055 | 0.149942508 | 0.470094492 |
| ## | 124095      | 124099      | 124103      | 124108      | 124114      | 124126      |
| ## | 0.631556674 | 0.212785620 | 0.585679684 | 0.215833621 | 0.232782898 | 0.211988784 |
| ## | 124130      | 124131      | 124135      | 124139      | 124141      | 124148      |
| ## | 0.526860388 | 0.112314196 | 0.210910117 | 0.622039211 | 0.488099215 | 0.225839378 |
| ## | 124150      | 124159      | 124160      | 124163      | 124169      | 124170      |
| ## | 0.154390318 | 0.111614049 | 0.270223667 | 0.270223667 | 0.155762802 | 0.273172756 |
| ## | 124175      | 124183      | 124199      | 124222      | 124226      | 124228      |
| ## | 0.155762802 | 0.270223667 | 0.273172756 | 0.155762802 | 0.273172756 | 0.155762802 |
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| ## | 0.273172756 | 0.273172756 | 0.270223667 | 0.273172756 | 0.234503391 | 0.237189349 |
| ## | 124261      | 124279      | 124280      | 124281      | 124283      | 124284      |
| ## | 0.106739391 | 0.161312794 | 0.161312794 | 0.182683252 | 0.171218011 | 0.527865067 |
| ## | 124288      | 124290      | 124300      | 124303      | 124310      | 124312      |
| ## | 0.187615427 | 0.538078619 | 0.187615427 | 0.555524008 | 0.558129655 | 0.566225312 |
| ## | 124321      | 124323      | 124327      | 124332      | 124333      | 124336      |
| ## | 0.183988888 | 0.420107343 | 0.166030370 | 0.106739391 | 0.195765499 | 0.106739391 |
| ## | 124361      | 124368      | 124378      | 124381      | 124385      | 124388      |
| ## | 0.161312794 | 0.187615427 | 0.075158977 | 0.546242975 | 0.558129655 | 0.575415317 |
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| ## | 124411      | 124414      | 124419      | 124428      | 124430      | 124431      |
| ## | 0.183799181 | 0.115196166 | 0.170008717 | 0.178398900 | 0.178398900 | 0.178398900 |
| ## | 124433      | 124441      | 124448      | 124452      | 124472      | 124475      |
| ## | 0.178398900 | 0.100655273 | 0.391781440 | 0.204034902 | 0.042399489 | 0.042399489 |
| ## | 124480      | 124481      | 124485      | 124488      | 124491      | 124495      |
| ## | 0.098929539 | 0.114356968 | 0.132910857 | 0.138651059 | 0.179994462 | 0.137816864 |
| ## | 124504      | 124506      | 124511      | 124512      | 124514      | 124529      |
| ## | 0.177530394 | 0.124213744 | 0.171649783 | 0.171649783 | 0.464512920 | 0.204188688 |
| ## | 124539      | 124542      | 124544      | 124550      | 124553      | 124554      |
| ## | 0.128338128 | 0.559611713 | 0.198357536 | 0.134104208 | 0.193590842 | 0.193590842 |
| ## | 124559      | 124562      | 124564      | 124566      | 124571      | 124573      |
| ## | 0.195928134 | 0.134478088 | 0.159990034 | 0.094840538 | 0.193491591 | 0.396993835 |
| ## | 124580      | 124597      | 124600      | 124604      | 124612      | 124614      |
| ## | 0.103164339 | 0.180466266 | 0.180466266 | 0.195008685 | 0.201221845 | 0.201401617 |
| ## | 124615      | 124626      | 124642      | 124643      | 124646      | 124648      |
| ## | 0.187301805 | 0.116428365 | 0.153197827 | 0.481618511 | 0.203195731 | 0.111624197 |
| ## | 124661      | 124669      | 124677      | 124682      | 124683      | 124686      |
| ## | 0.102946620 | 0.192065731 | 0.177690986 | 0.577938746 | 0.084272637 | 0.190132581 |
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| ## | 0.196723362 | 0.118874218 | 0.196929816 | 0.127617499 | 0.495508261 | 0.212398409 |
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| ## | 0.211238620 | 0.117731844 | 0.117731844 | 0.193942393 | 0.186297790 | 0.194870674 |
| ## | 124782      | 124790      | 124791      | 124802      | 124803      | 124811      |
| ## | 0.192542976 | 0.579444314 | 0.211537049 | 0.109162814 | 0.073807876 | 0.198118956 |
| ## | 124812      | 124815      | 124816      | 124817      | 124820      | 124832      |
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| ## | 124884      | 124885      | 124888      | 124893      | 124894      | 124896      |
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| ## | 124898      | 124902      | 124905      | 124906      | 124908      | 124924      |
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| ## | 124928      | 124930      | 124932      | 124939      | 124940      | 124945      |
| ## | 0.125996233 | 0.107244850 | 0.134478088 | 0.201777582 | 0.111864865 | 0.204188688 |
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| ## | 0.204188688 | 0.445875421 | 0.198357536 | 0.398309675 | 0.467916920 | 0.125327377 |
| ## | 124994      | 124996      | 124997      | 124998      | 124999      | 125004      |
| ## | 0.102231478 | 0.202219913 | 0.396993835 | 0.112137782 | 0.112137782 | 0.204228139 |
| ## | 125006      | 125008      | 125012      | 125013      | 125014      | 125016      |
| ## | 0.189842380 | 0.079103167 | 0.181352892 | 0.441638532 | 0.127098401 | 0.141274112 |
| ## | 125017      | 125028      | 125041      | 125045      | 125047      | 125055      |
| ## | 0.141274112 | 0.073771190 | 0.201401617 | 0.199230284 | 0.199230284 | 0.209145286 |
| ## | 125065      | 125071      | 125078      | 125080      | 125085      | 125086      |
| ## | 0.121579245 | 0.181959793 | 0.058097905 | 0.126946268 | 0.175044620 | 0.172902884 |
| ## | 125091      | 125092      | 125093      | 125098      | 125099      | 125105      |
| ## | 0.202740146 | 0.205159798 | 0.181049005 | 0.102946620 | 0.107757882 | 0.206660946 |
| ## | 125110      | 125120      | 125123      | 125136      | 125140      | 125148      |
| ## | 0.194389048 | 0.029174715 | 0.077963300 | 0.157416267 | 0.067752185 | 0.472237921 |
| ## | 125149      | 125161      | 125169      | 125170      | 125171      | 125175      |
| ## | 0.142290227 | 0.081717272 | 0.151532857 | 0.151532857 | 0.081717272 | 0.151532857 |
| ## | 125176      | 125184      | 125185      | 125209      | 125212      | 125213      |
| ## | 0.059685452 | 0.120631068 | 0.067752185 | 0.090878409 | 0.506686569 | 0.145497326 |
| ## | 125215      | 125217      | 125223      | 125230      | 125232      | 125242      |
| ## | 0.151532857 | 0.081717272 | 0.081717272 | 0.151532857 | 0.485842878 | 0.083809902 |
| ## | 125244      | 125250      | 125254      | 125263      | 125269      | 125276      |
| ## | 0.168588501 | 0.077489972 | 0.144261323 | 0.139625420 | 0.167833206 | 0.144815979 |
| ## | 125278      | 125286      | 125288      | 125289      | 125296      | 125305      |
| ## | 0.141361107 | 0.141361107 | 0.143179773 | 0.143179773 | 0.382570381 | 0.082882097 |
| ## | 125306      | 125314      | 125319      | 125321      | 125325      | 125328      |
| ## | 0.511031984 | 0.156183240 | 0.088394714 | 0.136005329 | 0.136005329 | 0.094709854 |
| ## | 125332      | 125333      | 125335      | 125338      | 125339      | 125340      |
| ## | 0.432185012 | 0.440274070 | 0.140162483 | 0.077940580 | 0.497505966 | 0.090507070 |
| ## | 125344      | 125345      | 125346      | 125352      | 125355      | 125356      |
| ## | 0.069431667 | 0.070400807 | 0.143179773 | 0.129745677 | 0.106240243 | 0.106240243 |
| ## | 125362      | 125367      | 125369      | 125372      | 125375      | 125379      |
| ## | 0.076899706 | 0.153526475 | 0.153526475 | 0.142850978 | 0.145959061 | 0.147826697 |
| ## | 125384      | 125400      | 125408      | 125418      | 125419      | 125422      |
| ## | 0.083293247 | 0.189686548 | 0.038469626 | 0.083482938 | 0.078769938 | 0.146469093 |
| ## | 125426      | 125430      | 125452      | 125459      | 125465      | 125473      |
| ## | 0.146469093 | 0.072943415 | 0.112822999 | 0.500711510 | 0.138571980 | 0.161515132 |
| ## | 125478      | 125479      | 125481      | 125482      | 125485      | 125491      |
| ## | 0.082718795 | 0.165043511 | 0.111398166 | 0.138967580 | 0.137470465 | 0.177827372 |
| ## | 125492      | 125493      | 125497      | 125502      | 125511      | 125512      |
| ## | 0.097286220 | 0.097286220 | 0.177827372 | 0.102399103 | 0.152864680 | 0.516617545 |
| ## | 125519      | 125530      | 125532      | 125546      | 125548      | 125557      |
| ## | 0.045356060 | 0.130383439 | 0.063036372 | 0.108109121 | 0.159584998 | 0.498118759 |
| ## | 125565      | 125573      | 125580      | 125581      | 125608      | 125610      |
| ## | 0.152272501 | 0.170962120 | 0.103757732 | 0.155724839 | 0.275143003 | 0.660102154 |
| ## | 125614      | 125615      | 125620      | 125621      | 125628      | 125640      |
| ## | 0.260496505 | 0.263377749 | 0.211304050 | 0.203859503 | 0.308339073 | 0.725719938 |
| ## | 125646      | 125648      | 125652      | 125653      | 125654      | 125660      |
| ## | 0.700295980 | 0.201451300 | 0.156197221 | 0.692095617 | 0.204720385 | 0.701020730 |

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| ## | 125664      | 125674      | 125676      | 125679      | 125686      | 125691      |
| ## | 0.700295980 | 0.290912822 | 0.659907311 | 0.296958380 | 0.702796193 | 0.291246829 |
| ## | 125694      | 125705      | 125712      | 125714      | 125722      | 125724      |
| ## | 0.205291601 | 0.165827078 | 0.166413765 | 0.297935948 | 0.293554815 | 0.560176044 |
| ## | 125725      | 125729      | 125731      | 125735      | 125736      | 125740      |
| ## | 0.103358898 | 0.689555562 | 0.301956179 | 0.685720969 | 0.609627117 | 0.300548022 |
| ## | 125748      | 125759      | 125765      | 125767      | 125772      | 125776      |
| ## | 0.300835606 | 0.304001830 | 0.307164396 | 0.690996018 | 0.714264338 | 0.658087236 |
| ## | 125779      | 125780      | 125784      | 125786      | 125788      | 125792      |
| ## | 0.684192045 | 0.684192045 | 0.311460577 | 0.695273310 | 0.311460577 | 0.301956179 |
| ## | 125794      | 125795      | 125802      | 125810      | 125811      | 125819      |
| ## | 0.700692022 | 0.673470671 | 0.270376498 | 0.683194286 | 0.296378622 | 0.316629908 |
| ## | 125823      | 125826      | 125828      | 125832      | 125846      | 125855      |
| ## | 0.319863471 | 0.294180792 | 0.133607723 | 0.133607723 | 0.304554173 | 0.291985744 |
| ## | 125857      | 125861      | 125862      | 125869      | 125872      | 125877      |
| ## | 0.288914288 | 0.288914288 | 0.688556764 | 0.653786598 | 0.155253327 | 0.563614608 |
| ## | 125880      | 125884      | 125885      | 125896      | 125898      | 125905      |
| ## | 0.226703184 | 0.583076994 | 0.266718704 | 0.294189273 | 0.680912717 | 0.714014601 |
| ## | 125916      | 125921      | 125925      | 125936      | 125937      | 125938      |
| ## | 0.331097173 | 0.195487256 | 0.714014601 | 0.278554182 | 0.690466209 | 0.664061915 |
| ## | 125940      | 125949      | 125958      | 125963      | 125964      | 125965      |
| ## | 0.289326130 | 0.219920586 | 0.658087236 | 0.273226979 | 0.658087236 | 0.658087236 |
| ## | 125967      | 125977      | 125984      | 125985      | 125989      | 125991      |
| ## | 0.174211625 | 0.683027299 | 0.255041166 | 0.191814600 | 0.260134310 | 0.586378973 |
| ## | 125995      | 125996      | 125998      | 126000      | 126005      | 126006      |
| ## | 0.658087236 | 0.273226979 | 0.273226979 | 0.665449277 | 0.607629384 | 0.612598744 |
| ## | 126010      | 126014      | 126017      | 126019      | 126026      | 126027      |
| ## | 0.709117653 | 0.686245120 | 0.686245120 | 0.299334195 | 0.255041166 | 0.217753827 |
| ## | 126030      | 126032      | 126033      | 126038      | 126046      | 126047      |
| ## | 0.267381783 | 0.640321607 | 0.251149611 | 0.216857014 | 0.258998443 | 0.679325013 |
| ## | 126049      | 126050      | 126053      | 126060      | 126063      | 126072      |
| ## | 0.295096037 | 0.662799980 | 0.635480249 | 0.642423506 | 0.250511425 | 0.273215628 |
| ## | 126077      | 126078      | 126079      | 126083      | 126095      | 126099      |
| ## | 0.294827964 | 0.169726633 | 0.290912822 | 0.677463282 | 0.258853741 | 0.713224030 |
| ## | 126110      | 126112      | 126114      | 126117      | 126122      | 126123      |
| ## | 0.637322083 | 0.585118169 | 0.285185319 | 0.191814600 | 0.698492935 | 0.688332676 |
| ## | 126124      | 126130      | 126131      | 126132      | 126136      | 126137      |
| ## | 0.304522510 | 0.681580230 | 0.294827964 | 0.285176809 | 0.285176809 | 0.683449395 |
| ## | 126139      | 126140      | 126142      | 126145      | 126147      | 126148      |
| ## | 0.668024503 | 0.163770015 | 0.637898532 | 0.187881132 | 0.200544732 | 0.564916718 |
| ## | 126150      | 126153      | 126158      | 126159      | 126161      | 126165      |
| ## | 0.242686808 | 0.689555562 | 0.304001830 | 0.315958143 | 0.699681192 | 0.315958143 |
| ## | 126166      | 126175      | 126177      | 126182      | 126185      | 126189      |
| ## | 0.312745906 | 0.677283779 | 0.290743415 | 0.301956179 | 0.263377749 | 0.717379429 |
| ## | 126191      | 126195      | 126198      | 126201      | 126205      | 126206      |
| ## | 0.308414705 | 0.653786598 | 0.592748506 | 0.270613938 | 0.271067825 | 0.120948704 |
| ## | 126229      | 126232      | 126237      | 126246      | 126250      | 126254      |
| ## | 0.294180792 | 0.294180792 | 0.294180792 | 0.304711746 | 0.713682461 | 0.288914288 |
| ## | 126260      | 126262      | 126266      | 126268      | 126270      | 126278      |
| ## | 0.675338358 | 0.288914288 | 0.288914288 | 0.288914288 | 0.168362959 | 0.265958236 |
| ## | 126279      | 126283      | 126285      | 126297      | 126301      | 126308      |
| ## | 0.265958236 | 0.070979784 | 0.600145612 | 0.269643675 | 0.681295939 | 0.253320060 |
| ## | 126310      | 126315      | 126335      | 126336      | 126337      | 126345      |
| ## | 0.706577781 | 0.292055179 | 0.266215540 | 0.266215540 | 0.210848205 | 0.194418860 |

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| ## | 126346      | 126353      | 126356      | 126357      | 126360      | 126366      |
| ## | 0.081974712 | 0.281377458 | 0.126539952 | 0.281377458 | 0.281377458 | 0.284400836 |
| ## | 126369      | 126371      | 126372      | 126380      | 126382      | 126387      |
| ## | 0.163248949 | 0.163248949 | 0.284400836 | 0.384662035 | 0.171273174 | 0.055285445 |
| ## | 126388      | 126389      | 126391      | 126392      | 126394      | 126395      |
| ## | 0.281377458 | 0.281377458 | 0.284400836 | 0.281377458 | 0.163248949 | 0.163248949 |
| ## | 126397      | 126403      | 126408      | 126409      | 126423      | 126425      |
| ## | 0.163248949 | 0.671161354 | 0.163248949 | 0.281377458 | 0.244089341 | 0.686230043 |
| ## | 126427      | 126430      | 126432      | 126440      | 126442      | 126443      |
| ## | 0.686230043 | 0.287356579 | 0.549136135 | 0.727841740 | 0.718631597 | 0.727841740 |
| ## | 126444      | 126453      | 126459      | 126463      | 126469      | 126485      |
| ## | 0.703717460 | 0.287356579 | 0.549136135 | 0.703717460 | 0.718631597 | 0.320140514 |
| ## | 126490      | 126495      | 126505      | 126507      | 126510      | 126515      |
| ## | 0.790266635 | 0.790266635 | 0.790266635 | 0.423954664 | 0.268318441 | 0.790266635 |
| ## | 126525      | 126526      | 126529      | 126537      | 126541      | 126546      |
| ## | 0.268318441 | 0.427598455 | 0.790266635 | 0.427598455 | 0.427598455 | 0.427598455 |
| ## | 126548      | 126551      | 126560      | 126570      | 126572      | 126579      |
| ## | 0.795666296 | 0.214026213 | 0.802049598 | 0.809253956 | 0.268318441 | 0.790266635 |
| ## | 126586      | 126588      | 126591      | 126593      | 126597      | 126602      |
| ## | 0.810094511 | 0.427598455 | 0.427598455 | 0.427598455 | 0.809253956 | 0.809253956 |
| ## | 126603      | 126604      | 126612      | 126613      | 126614      | 126617      |
| ## | 0.790266635 | 0.423954664 | 0.809253956 | 0.598863790 | 0.809595598 | 0.809253956 |
| ## | 126632      | 126636      | 126654      | 126660      | 126663      | 126665      |
| ## | 0.240405885 | 0.536080697 | 0.729771028 | 0.705748625 | 0.705748625 | 0.705748625 |
| ## | 126667      | 126670      | 126672      | 126679      | 126685      | 126686      |
| ## | 0.705748625 | 0.188695163 | 0.188088121 | 0.569449814 | 0.718631597 | 0.718631597 |
| ## | 126688      | 126698      | 126702      | 126718      | 126731      | 126745      |
| ## | 0.703717460 | 0.727841740 | 0.320140514 | 0.809253956 | 0.809253956 | 0.720601112 |
| ## | 126746      | 126752      | 126760      | 126763      | 126764      | 126768      |
| ## | 0.705748625 | 0.705748625 | 0.705748625 | 0.729771028 | 0.729771028 | 0.705748625 |
| ## | 126769      | 126774      | 126775      | 126776      | 126789      | 126790      |
| ## | 0.058375134 | 0.809253956 | 0.790266635 | 0.790266635 | 0.802049598 | 0.802049598 |
| ## | 126792      | 126796      | 126798      | 126801      | 126804      | 126805      |
| ## | 0.268318441 | 0.268318441 | 0.809253956 | 0.809253956 | 0.790266635 | 0.809253956 |
| ## | 126806      | 126807      | 126808      | 126815      | 126821      | 126822      |
| ## | 0.427598455 | 0.790266635 | 0.427598455 | 0.795666296 | 0.790266635 | 0.208153314 |
| ## | 126823      | 126824      | 126836      | 126838      | 126851      | 126867      |
| ## | 0.427598455 | 0.809253956 | 0.427598455 | 0.427598455 | 0.427598455 | 0.427598455 |
| ## | 126868      | 126869      | 126873      | 126884      | 126891      | 126897      |
| ## | 0.427598455 | 0.809595598 | 0.790266635 | 0.423954664 | 0.427598455 | 0.165798662 |
| ## | 126904      | 126908      | 126919      | 126929      | 126932      | 126943      |
| ## | 0.322268782 | 0.322268782 | 0.098973181 | 0.614689892 | 0.224672041 | 0.177581681 |
| ## | 126945      | 126957      | 126980      | 126985      | 126986      | 126989      |
| ## | 0.177581681 | 0.227278826 | 0.224672041 | 0.224672041 | 0.224672041 | 0.126170024 |
| ## | 126996      | 127002      | 127003      | 127016      | 127022      | 127025      |
| ## | 0.605238517 | 0.119571142 | 0.062502219 | 0.099399973 | 0.143885023 | 0.172452414 |
| ## | 127027      | 127028      | 127037      | 127042      | 127044      | 127045      |
| ## | 0.160927709 | 0.104012188 | 0.103890918 | 0.099318769 | 0.412630711 | 0.159544015 |
| ## | 127054      | 127058      | 127061      | 127065      | 127085      | 127087      |
| ## | 0.187251919 | 0.107627927 | 0.179447818 | 0.109058515 | 0.539844148 | 0.159104138 |
| ## | 127097      | 127098      | 127101      | 127107      | 127109      | 127117      |
| ## | 0.167777764 | 0.150014012 | 0.178145369 | 0.224672041 | 0.605238517 | 0.511773519 |
| ## | 127119      | 127121      | 127123      | 127125      | 127139      | 127153      |
| ## | 0.098621866 | 0.188551712 | 0.109586699 | 0.128202958 | 0.115170635 | 0.227278826 |

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| ## | 127162      | 127165      | 127167      | 127174      | 127178      | 127180      |
| ## | 0.126170024 | 0.126170024 | 0.224672041 | 0.099318769 | 0.213456906 | 0.414494466 |
| ## | 127182      | 127194      | 127196      | 127204      | 127206      | 127213      |
| ## | 0.153457727 | 0.195253963 | 0.106429696 | 0.107627927 | 0.107124512 | 0.109058515 |
| ## | 127214      | 127223      | 127224      | 127225      | 127228      | 127232      |
| ## | 0.109058515 | 0.130370868 | 0.130370868 | 0.086202019 | 0.028698512 | 0.081409682 |
| ## | 127235      | 127237      | 127238      | 127243      | 127246      | 127250      |
| ## | 0.085020073 | 0.087791637 | 0.092070389 | 0.073189816 | 0.132970238 | 0.453957494 |
| ## | 127253      | 127254      | 127260      | 127261      | 127262      | 127265      |
| ## | 0.252502060 | 0.174833310 | 0.659439842 | 0.475059960 | 0.241692227 | 0.279559421 |
| ## | 127270      | 127285      | 127291      | 127294      | 127300      | 127301      |
| ## | 0.148736468 | 0.689049399 | 0.305230980 | 0.179590889 | 0.308400668 | 0.305230980 |
| ## | 127309      | 127311      | 127314      | 127321      | 127322      | 127324      |
| ## | 0.308400668 | 0.305230980 | 0.692233632 | 0.179590889 | 0.135633121 | 0.308400668 |
| ## | 127326      | 127330      | 127333      | 127348      | 127358      | 127371      |
| ## | 0.139821208 | 0.158532861 | 0.277344873 | 0.290349158 | 0.640443675 | 0.156628370 |
| ## | 127372      | 127374      | 127380      | 127383      | 127385      | 127387      |
| ## | 0.267922959 | 0.168109720 | 0.276567620 | 0.480732703 | 0.197024206 | 0.259746995 |
| ## | 127389      | 127393      | 127396      | 127397      | 127403      | 127416      |
| ## | 0.270293142 | 0.172496274 | 0.648800892 | 0.243166032 | 0.305230980 | 0.673597323 |
| ## | 127427      | 127430      | 127431      | 127433      | 127437      | 127440      |
| ## | 0.337276940 | 0.225464021 | 0.225464021 | 0.190926855 | 0.204076982 | 0.519856146 |
| ## | 127442      | 127443      | 127446      | 127447      | 127448      | 127453      |
| ## | 0.516135074 | 0.519856146 | 0.519856146 | 0.519856146 | 0.519856146 | 0.097560340 |
| ## | 127461      | 127462      | 127478      | 127481      | 127486      | 127493      |
| ## | 0.631467905 | 0.631467905 | 0.731147760 | 0.337276940 | 0.337276940 | 0.125031931 |
| ## | 127496      | 127497      | 127501      | 127507      | 127516      | 127518      |
| ## | 0.204361188 | 0.182654055 | 0.098857569 | 0.152185442 | 0.182654055 | 0.098857569 |
| ## | 127522      | 127523      | 127524      | 127536      | 127543      | 127544      |
| ## | 0.182654055 | 0.182654055 | 0.182654055 | 0.182654055 | 0.182654055 | 0.182654055 |
| ## | 127546      | 127549      | 127551      | 127561      | 127563      | 127566      |
| ## | 0.098251639 | 0.256241543 | 0.117112132 | 0.490435509 | 0.089892238 | 0.100506087 |
| ## | 127570      | 127571      | 127576      | 127579      | 127601      | 127607      |
| ## | 0.152750993 | 0.089192108 | 0.105189724 | 0.147997922 | 0.341203931 | 0.060616314 |
| ## | 127612      | 127613      | 127622      | 127632      | 127637      | 127639      |
| ## | 0.088680375 | 0.088680375 | 0.092531869 | 0.158588157 | 0.115042998 | 0.046244442 |
| ## | 127647      | 127657      | 127679      | 127680      | 127681      | 127684      |
| ## | 0.143234150 | 0.042570923 | 0.110075612 | 0.031696766 | 0.078677679 | 0.029033225 |
| ## | 127685      | 127688      | 127695      | 127697      | 127700      | 127707      |
| ## | 0.132024029 | 0.130325509 | 0.452055271 | 0.066409859 | 0.165934679 | 0.088973595 |
| ## | 127712      | 127715      | 127718      | 127723      | 127725      | 127727      |
| ## | 0.088973595 | 0.088973595 | 0.509090017 | 0.163882263 | 0.165934679 | 0.088973595 |
| ## | 127733      | 127734      | 127736      | 127737      | 127744      | 127750      |
| ## | 0.163882263 | 0.088973595 | 0.088973595 | 0.088973595 | 0.165934679 | 0.089168200 |
| ## | 127752      | 127767      | 127770      | 127773      | 127778      | 127780      |
| ## | 0.135046646 | 0.083564723 | 0.156651687 | 0.092035759 | 0.144636493 | 0.127150933 |
| ## | 127781      | 127789      | 127802      | 127806      | 127807      | 127812      |
| ## | 0.357778270 | 0.080598508 | 0.321058326 | 0.146690782 | 0.069367481 | 0.148912286 |
| ## | 127818      | 127820      | 127826      | 127838      | 127855      | 127873      |
| ## | 0.073832649 | 0.155528771 | 0.083022468 | 0.137575180 | 0.097651682 | 0.149614002 |
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| ## | 0.149614002 | 0.148961233 | 0.072646554 | 0.088362173 | 0.072819967 | 0.073832649 |
| ## | 127903      | 127918      | 127921      | 127924      | 127925      | 127932      |
| ## | 0.151585054 | 0.165934679 | 0.088973595 | 0.088973595 | 0.282301046 | 0.165934679 |

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| ## | 127937      | 127943      | 127946      | 127951      | 127959      | 127961      |
| ## | 0.088973595 | 0.137526739 | 0.245182890 | 0.136163240 | 0.136163240 | 0.243052831 |
| ## | 127966      | 127968      | 127980      | 127984      | 127991      | 127998      |
| ## | 0.129149149 | 0.229366501 | 0.229366501 | 0.232011455 | 0.145188613 | 0.173623329 |
| ## | 128004      | 128009      | 128013      | 128016      | 128020      | 128024      |
| ## | 0.167832559 | 0.497962533 | 0.506053642 | 0.168825546 | 0.506053642 | 0.169129652 |
| ## | 128030      | 128031      | 128033      | 128034      | 128036      | 128061      |
| ## | 0.134713502 | 0.169129652 | 0.090519455 | 0.094766790 | 0.173623329 | 0.145638069 |
| ## | 128063      | 128066      | 128067      | 128068      | 128083      | 128084      |
| ## | 0.147502308 | 0.154225804 | 0.145843172 | 0.154300484 | 0.102339067 | 0.186200515 |
| ## | 128085      | 128086      | 128103      | 128106      | 128108      | 128119      |
| ## | 0.121231648 | 0.139107090 | 0.137526739 | 0.242435181 | 0.245182890 | 0.136163240 |
| ## | 128130      | 128139      | 128141      | 128143      | 128146      | 128152      |
| ## | 0.175474385 | 0.145638069 | 0.145638069 | 0.078287789 | 0.152291770 | 0.169116174 |
| ## | 128162      | 128163      | 128170      | 128182      | 128183      | 128185      |
| ## | 0.188068516 | 0.185803318 | 0.102339067 | 0.189995455 | 0.189995455 | 0.524076242 |
| ## | 128187      | 128190      | 128191      | 128198      | 128204      | 128211      |
| ## | 0.172077147 | 0.548018512 | 0.574050506 | 0.194264904 | 0.158994624 | 0.523734193 |
| ## | 128212      | 128219      | 128230      | 128234      | 128235      | 128237      |
| ## | 0.143757716 | 0.194264904 | 0.473834221 | 0.496338546 | 0.157011889 | 0.181831004 |
| ## | 128241      | 128243      | 128253      | 128256      | 128257      | 128258      |
| ## | 0.047233368 | 0.375322604 | 0.101137611 | 0.392792358 | 0.106557254 | 0.105146681 |
| ## | 128260      | 128262      | 128266      | 128274      | 128275      | 128282      |
| ## | 0.392264247 | 0.180220078 | 0.180220078 | 0.180220078 | 0.412501997 | 0.133458837 |
| ## | 128286      | 128289      | 128291      | 128293      | 128298      | 128312      |
| ## | 0.559620931 | 0.190159891 | 0.103355375 | 0.550356203 | 0.114012363 | 0.054616322 |
| ## | 128314      | 128316      | 128318      | 128319      | 128322      | 128324      |
| ## | 0.549162073 | 0.175100666 | 0.175100666 | 0.549162073 | 0.086030015 | 0.093493553 |
| ## | 128333      | 128334      | 128363      | 128370      | 128371      | 128372      |
| ## | 0.187131197 | 0.554738626 | 0.539297947 | 0.186708981 | 0.184456438 | 0.077221835 |
| ## | 128376      | 128377      | 128392      | 128396      | 128400      | 128401      |
| ## | 0.186708981 | 0.186708981 | 0.550708018 | 0.165828803 | 0.163777440 | 0.165828803 |
| ## | 128411      | 128415      | 128416      | 128418      | 128422      | 128425      |
| ## | 0.118156530 | 0.410523725 | 0.114012363 | 0.397051871 | 0.088777394 | 0.558133503 |
| ## | 128431      | 128437      | 128446      | 128447      | 128456      | 128467      |
| ## | 0.177890574 | 0.175100666 | 0.121615449 | 0.086030015 | 0.415349094 | 0.184256504 |
| ## | 128484      | 128485      | 128489      | 128490      | 128492      | 128500      |
| ## | 0.095798243 | 0.095798243 | 0.101282730 | 0.101282730 | 0.101282730 | 0.173183715 |
| ## | 128503      | 128508      | 128513      | 128514      | 128520      | 128525      |
| ## | 0.097511815 | 0.180395931 | 0.102908734 | 0.187139677 | 0.165828803 | 0.505173621 |
| ## | 128526      | 128528      | 128544      | 128546      | 128547      | 128558      |
| ## | 0.515101344 | 0.165828803 | 0.116918342 | 0.181555141 | 0.536245057 | 0.727685077 |
| ## | 128561      | 128572      | 128590      | 128592      | 128596      | 128602      |
| ## | 0.330552735 | 0.278621428 | 0.681195945 | 0.251269429 | 0.299877383 | 0.249429123 |
| ## | 128603      | 128605      | 128610      | 128611      | 128615      | 128616      |
| ## | 0.273823658 | 0.276797134 | 0.252926304 | 0.252926304 | 0.297874829 | 0.297874829 |
| ## | 128617      | 128620      | 128624      | 128629      | 128630      | 128635      |
| ## | 0.297874829 | 0.691799775 | 0.301001222 | 0.131590176 | 0.135673018 | 0.288374723 |
| ## | 128638      | 128639      | 128645      | 128651      | 128667      | 128674      |
| ## | 0.268001020 | 0.265087400 | 0.300620701 | 0.300620701 | 0.168799416 | 0.148031696 |
| ## | 128680      | 128681      | 128686      | 128687      | 128691      | 128703      |
| ## | 0.327263107 | 0.148031696 | 0.197658513 | 0.275635824 | 0.158593411 | 0.251563053 |
| ## | 128704      | 128705      | 128706      | 128707      | 128708      | 128718      |
| ## | 0.133763462 | 0.681195945 | 0.297565829 | 0.294460087 | 0.297565829 | 0.673498017 |

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| ## | 128723      | 128724      | 128727      | 128732      | 128735      | 128736      |
| ## | 0.664797956 | 0.126410888 | 0.240090861 | 0.673529699 | 0.118177211 | 0.174241713 |
| ## | 128737      | 128738      | 128742      | 128748      | 128756      | 128767      |
| ## | 0.297496578 | 0.297496578 | 0.168799416 | 0.294193714 | 0.090175745 | 0.090175745 |
| ## | 128781      | 128789      | 128790      | 128793      | 128803      | 128813      |
| ## | 0.057313091 | 0.079037648 | 0.163839928 | 0.151508090 | 0.072052319 | 0.149980895 |
| ## | 128820      | 128821      | 128831      | 128832      | 128834      | 128842      |
| ## | 0.064372693 | 0.087481820 | 0.088431870 | 0.376616521 | 0.095426791 | 0.064372693 |
| ## | 128850      | 128852      | 128871      | 128880      | 128890      | 128894      |
| ## | 0.503727500 | 0.162986706 | 0.498454597 | 0.164602913 | 0.190057761 | 0.126994701 |
| ## | 128896      | 128899      | 128903      | 128910      | 128912      | 128913      |
| ## | 0.067584030 | 0.105606362 | 0.112262874 | 0.477138575 | 0.136668648 | 0.465672732 |
| ## | 128920      | 128927      | 128932      | 128934      | 128949      | 128967      |
| ## | 0.078963139 | 0.118548429 | 0.059540201 | 0.054302462 | 0.063627419 | 0.126736335 |
| ## | 128970      | 128978      | 128985      | 128986      | 128992      | 128995      |
| ## | 0.064046563 | 0.057512067 | 0.042493584 | 0.042493584 | 0.064009216 | 0.074646349 |
| ## | 128998      | 128999      | 129000      | 129002      | 129006      | 129010      |
| ## | 0.095256408 | 0.610377572 | 0.124180350 | 0.060055720 | 0.593944390 | 0.199667929 |
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| ## | 0.203984396 | 0.201016678 | 0.206638156 | 0.212771492 | 0.197296971 | 0.197296971 |
| ## | 129037      | 129043      | 129046      | 129054      | 129061      | 129068      |
| ## | 0.203984396 | 0.147444568 | 0.327329419 | 0.330619386 | 0.330619386 | 0.327329419 |
| ## | 129074      | 129076      | 129084      | 129085      | 129086      | 129088      |
| ## | 0.330619386 | 0.327329419 | 0.185091832 | 0.220307721 | 0.217758359 | 0.217528313 |
| ## | 129098      | 129107      | 129121      | 129128      | 129131      | 129134      |
| ## | 0.167211678 | 0.327329419 | 0.327329419 | 0.327329419 | 0.327329419 | 0.327329419 |
| ## | 129136      | 129144      | 129156      | 129159      | 129161      | 129163      |
| ## | 0.330619386 | 0.330619386 | 0.220075739 | 0.215233603 | 0.235036742 | 0.235036742 |
| ## | 129169      | 129180      | 129182      | 129188      | 129190      | 129196      |
| ## | 0.167211678 | 0.147444568 | 0.302526361 | 0.177877426 | 0.177877426 | 0.177877426 |
| ## | 129202      | 129211      | 129215      | 129216      | 129226      | 129228      |
| ## | 0.241563746 | 0.205264010 | 0.334893288 | 0.291107739 | 0.626514665 | 0.181039766 |
| ## | 129231      | 129237      | 129245      | 129251      | 129256      | 129257      |
| ## | 0.325812252 | 0.321906272 | 0.354336044 | 0.350933804 | 0.748110825 | 0.748527949 |
| ## | 129258      | 129259      | 129261      | 129264      | 129266      | 129268      |
| ## | 0.354336044 | 0.354336044 | 0.212227896 | 0.354336044 | 0.354336044 | 0.350933804 |
| ## | 129269      | 129274      | 129276      | 129278      | 129280      | 129283      |
| ## | 0.330121308 | 0.357506495 | 0.753486778 | 0.331391378 | 0.346862164 | 0.714794872 |
| ## | 129290      | 129291      | 129294      | 129311      | 129318      | 129327      |
| ## | 0.298261773 | 0.208716436 | 0.322637485 | 0.314160719 | 0.475219312 | 0.478937380 |
| ## | 129338      | 129341      | 129342      | 129343      | 129357      | 129362      |
| ## | 0.250965581 | 0.478937380 | 0.310921422 | 0.478937380 | 0.475219312 | 0.475219312 |
| ## | 129365      | 129370      | 129372      | 129374      | 129378      | 129384      |
| ## | 0.478937380 | 0.475219312 | 0.310921422 | 0.478937380 | 0.478937380 | 0.478937380 |
| ## | 129385      | 129386      | 129389      | 129393      | 129396      | 129402      |
| ## | 0.478937380 | 0.478937380 | 0.478937380 | 0.475219312 | 0.310921422 | 0.478937380 |
| ## | 129403      | 129418      | 129420      | 129422      | 129423      | 129428      |
| ## | 0.478937380 | 0.475219312 | 0.478937380 | 0.475219312 | 0.478937380 | 0.832617813 |
| ## | 129429      | 129434      | 129466      | 129467      | 129475      | 129478      |
| ## | 0.478937380 | 0.475219312 | 0.333428031 | 0.285858305 | 0.335699087 | 0.324098074 |
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| ## | 0.327761822 | 0.347108361 | 0.307687578 | 0.689544945 | 0.711866023 | 0.719119961 |
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| ## | 0.626216088 | 0.457735585 | 0.287040561 | 0.336968903 | 0.336968903 | 0.194556873 |



|    |             |             |             |             |             |             |
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| ## | 129537      | 129539      | 129547      | 129551      | 129555      | 129557      |
| ## | 0.311134376 | 0.328193717 | 0.338955121 | 0.302664615 | 0.315678829 | 0.340635001 |
| ## | 129568      | 129570      | 129572      | 129576      | 129581      | 129582      |
| ## | 0.330704642 | 0.271959751 | 0.333873456 | 0.354966831 | 0.183671182 | 0.314286393 |
| ## | 129586      | 129591      | 129593      | 129602      | 129603      | 129607      |
| ## | 0.315967844 | 0.185300349 | 0.313408847 | 0.244779691 | 0.636902325 | 0.160954682 |
| ## | 129620      | 129621      | 129627      | 129644      | 129655      | 129657      |
| ## | 0.308853242 | 0.344890926 | 0.737483826 | 0.347061271 | 0.202150197 | 0.337087977 |
| ## | 129658      | 129660      | 129663      | 129665      | 129669      | 129673      |
| ## | 0.729026079 | 0.736372831 | 0.444517399 | 0.448200414 | 0.814670879 | 0.444517399 |
| ## | 129689      | 129700      | 129702      | 129723      | 129724      | 129725      |
| ## | 0.444517399 | 0.188911235 | 0.183566539 | 0.773075650 | 0.389852686 | 0.386313464 |
| ## | 129727      | 129732      | 129743      | 129749      | 129752      | 129766      |
| ## | 0.644902744 | 0.141437413 | 0.696535349 | 0.743114517 | 0.344457139 | 0.742810679 |
| ## | 129771      | 129776      | 129790      | 129794      | 129806      | 129807      |
| ## | 0.130130234 | 0.338713554 | 0.364898482 | 0.364898482 | 0.715594610 | 0.358863394 |
| ## | 129809      | 129810      | 129812      | 129821      | 129825      | 129826      |
| ## | 0.751811036 | 0.355441613 | 0.355441613 | 0.220879407 | 0.363237435 | 0.359797353 |
| ## | 129838      | 129843      | 129847      | 129849      | 129853      | 129856      |
| ## | 0.326417284 | 0.330786330 | 0.238252579 | 0.308350480 | 0.227288500 | 0.227288500 |
| ## | 129857      | 129862      | 129869      | 129872      | 129875      | 129876      |
| ## | 0.338713554 | 0.727514646 | 0.318120993 | 0.327003968 | 0.224847493 | 0.744745381 |
| ## | 129877      | 129883      | 129888      | 129905      | 129909      | 129912      |
| ## | 0.684531378 | 0.755741074 | 0.363237435 | 0.733332235 | 0.298699028 | 0.360937022 |
| ## | 129913      | 129919      | 129925      | 129926      | 129940      | 129944      |
| ## | 0.328097495 | 0.321432081 | 0.333904440 | 0.337227361 | 0.185731555 | 0.738791647 |
| ## | 129946      | 129953      | 129968      | 129973      | 129977      | 129993      |
| ## | 0.316732103 | 0.306920272 | 0.321345705 | 0.353950381 | 0.327003968 | 0.310958449 |
| ## | 129998      | 130000      | 130004      | 130011      | 130022      | 130031      |
| ## | 0.310921422 | 0.475219312 | 0.478937380 | 0.478937380 | 0.478937380 | 0.475219312 |
| ## | 130038      | 130040      | 130047      | 130049      | 130050      | 130055      |
| ## | 0.830530449 | 0.310921422 | 0.827324262 | 0.475219312 | 0.310921422 | 0.832617813 |
| ## | 130057      | 130075      | 130088      | 130089      | 130095      | 130097      |
| ## | 0.832926247 | 0.310921422 | 0.310921422 | 0.475219312 | 0.250965581 | 0.475219312 |
| ## | 130116      | 130117      | 130122      | 130125      | 130131      | 130154      |
| ## | 0.310921422 | 0.478937380 | 0.475219312 | 0.478937380 | 0.475219312 | 0.324486507 |
| ## | 130157      | 130158      | 130167      | 130170      | 130185      | 130194      |
| ## | 0.317428808 | 0.317428808 | 0.689544945 | 0.264832360 | 0.235584220 | 0.628622461 |
| ## | 130195      | 130198      | 130201      | 130202      | 130203      | 130212      |
| ## | 0.347363126 | 0.187573188 | 0.210932526 | 0.274077789 | 0.685897563 | 0.278297012 |
| ## | 130213      | 130214      | 130219      | 130221      | 130226      | 130227      |
| ## | 0.320426318 | 0.722753991 | 0.728348129 | 0.328193717 | 0.191255954 | 0.325116796 |
| ## | 130231      | 130234      | 130236      | 130240      | 130241      | 130242      |
| ## | 0.335623796 | 0.322633295 | 0.325640623 | 0.232910889 | 0.325606414 | 0.302664615 |
| ## | 130248      | 130252      | 130255      | 130256      | 130257      | 130267      |
| ## | 0.327414242 | 0.199834562 | 0.358386582 | 0.169166990 | 0.215195377 | 0.311083423 |
| ## | 130271      | 130272      | 130274      | 130278      | 130284      | 130295      |
| ## | 0.315967844 | 0.312755553 | 0.315967844 | 0.715344252 | 0.105663774 | 0.341441551 |
| ## | 130308      | 130313      | 130317      | 130318      | 130332      | 130339      |
| ## | 0.732923864 | 0.303786576 | 0.737483826 | 0.324174230 | 0.711508017 | 0.321842694 |
| ## | 130341      | 130342      | 130343      | 130345      | 130350      | 130352      |
| ## | 0.340426388 | 0.337087977 | 0.153705186 | 0.337087977 | 0.337087977 | 0.153705186 |
| ## | 130354      | 130358      | 130362      | 130366      | 130369      | 130378      |
| ## | 0.814670879 | 0.448200414 | 0.448200414 | 0.444517399 | 0.444517399 | 0.321009315 |

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| ## | 130396      | 130405      | 130415      | 130418      | 130434      | 130437      |
| ## | 0.722202228 | 0.386313464 | 0.389852686 | 0.386313464 | 0.291737791 | 0.332772986 |
| ## | 130441      | 130442      | 130446      | 130454      | 130460      | 130466      |
| ## | 0.169534376 | 0.325812252 | 0.321906272 | 0.287479546 | 0.386313464 | 0.188911235 |
| ## | 130472      | 130478      | 130483      | 130486      | 130490      | 130491      |
| ## | 0.333303688 | 0.742810679 | 0.316795230 | 0.233899220 | 0.328799986 | 0.576754509 |
| ## | 130493      | 130497      | 130500      | 130513      | 130515      | 130517      |
| ## | 0.350933804 | 0.350933804 | 0.350933804 | 0.161857725 | 0.354336044 | 0.333425427 |
| ## | 130519      | 130535      | 130538      | 130539      | 130540      | 130542      |
| ## | 0.341229166 | 0.364898482 | 0.364898482 | 0.368359274 | 0.368359274 | 0.368359274 |
| ## | 130543      | 130546      | 130554      | 130559      | 130584      | 130588      |
| ## | 0.368359274 | 0.368359274 | 0.364898482 | 0.752224062 | 0.192800120 | 0.150551531 |
| ## | 130589      | 130595      | 130597      | 130606      | 130611      | 130615      |
| ## | 0.080040523 | 0.124504989 | 0.227516020 | 0.195072552 | 0.195072552 | 0.189295413 |
| ## | 130620      | 130626      | 130640      | 130650      | 130655      | 130658      |
| ## | 0.202570191 | 0.216284435 | 0.213261143 | 0.237669273 | 0.234979555 | 0.234979555 |
| ## | 130659      | 130660      | 130661      | 130662      | 130669      | 130672      |
| ## | 0.237669273 | 0.628388519 | 0.234979555 | 0.234979555 | 0.071358881 | 0.195058076 |
| ## | 130690      | 130697      | 130698      | 130699      | 130705      | 130711      |
| ## | 0.604639001 | 0.197423353 | 0.197423353 | 0.197423353 | 0.112198257 | 0.199472255 |
| ## | 130713      | 130715      | 130716      | 130719      | 130725      | 130726      |
| ## | 0.074812389 | 0.202570191 | 0.595530646 | 0.127486518 | 0.215772377 | 0.213261143 |
| ## | 130733      | 130743      | 130746      | 130749      | 130758      | 130762      |
| ## | 0.553500544 | 0.169735538 | 0.194872706 | 0.185012700 | 0.117251096 | 0.212954369 |
| ## | 130768      | 130769      | 130776      | 130786      | 130796      | 130803      |
| ## | 0.198603778 | 0.109910583 | 0.109910583 | 0.515409716 | 0.199617877 | 0.560711462 |
| ## | 130805      | 130809      | 130810      | 130814      | 130820      | 130826      |
| ## | 0.567429735 | 0.128440358 | 0.411897805 | 0.112861547 | 0.553500544 | 0.555224275 |
| ## | 130830      | 130837      | 130855      | 130859      | 130861      | 130862      |
| ## | 0.174735250 | 0.185691950 | 0.190039372 | 0.200986509 | 0.198603778 | 0.200986509 |
| ## | 130864      | 130867      | 130870      | 130873      | 130877      | 130880      |
| ## | 0.567324038 | 0.109910583 | 0.109910583 | 0.184072185 | 0.198959439 | 0.166595091 |
| ## | 130886      | 130888      | 130895      | 130899      | 130917      | 130921      |
| ## | 0.193414157 | 0.193414157 | 0.192986470 | 0.557037223 | 0.188873866 | 0.102582037 |
| ## | 130926      | 130934      | 130940      | 130942      | 130954      | 130968      |
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| ## | 130974      | 130977      | 130979      | 130981      | 130983      | 130993      |
| ## | 0.138936569 | 0.145711507 | 0.098351080 | 0.154919549 | 0.083697538 | 0.055788436 |
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| ## | 0.087169992 | 0.216915521 | 0.161240558 | 0.176494290 | 0.162756018 | 0.164527514 |
| ## | 131028      | 131050      | 131055      | 131059      | 131072      | 131074      |
| ## | 0.160257472 | 0.161509058 | 0.562584369 | 0.175865791 | 0.469413903 | 0.157801436 |
| ## | 131095      | 131097      | 131099      | 131100      | 131103      | 131107      |
| ## | 0.157432740 | 0.160042577 | 0.170206602 | 0.532240553 | 0.145730918 | 0.145730918 |
| ## | 131117      | 131123      | 131132      | 131140      | 131147      | 131152      |
| ## | 0.157453654 | 0.174338565 | 0.161859655 | 0.161509058 | 0.562584369 | 0.464620030 |
| ## | 131158      | 131162      | 131164      | 131167      | 131169      | 131171      |
| ## | 0.109033558 | 0.148093795 | 0.170727419 | 0.120244429 | 0.456037863 | 0.456037863 |
| ## | 131172      | 131180      | 131189      | 131192      | 131194      | 131195      |
| ## | 0.070526573 | 0.132416171 | 0.128129881 | 0.121428008 | 0.461401354 | 0.128769047 |
| ## | 131202      | 131207      | 131210      | 131213      | 131218      | 131221      |
| ## | 0.137722651 | 0.079332896 | 0.195856832 | 0.195856832 | 0.559390354 | 0.124647321 |
| ## | 131232      | 131233      | 131238      | 131243      | 131244      | 131255      |
| ## | 0.112137202 | 0.196099744 | 0.150785989 | 0.262727803 | 0.150785989 | 0.331289844 |

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| ## | 131264      | 131265      | 131267      | 131269      | 131271      | 131279      |
| ## | 0.409604569 | 0.133934764 | 0.262727803 | 0.262727803 | 0.265624861 | 0.262727803 |
| ## | 131284      | 131286      | 131290      | 131298      | 131312      | 131313      |
| ## | 0.097914956 | 0.106763669 | 0.183498998 | 0.068086121 | 0.091442820 | 0.170140868 |
| ## | 131317      | 131325      | 131337      | 131352      | 131359      | 131360      |
| ## | 0.130603102 | 0.130603102 | 0.183406592 | 0.168115739 | 0.078010427 | 0.139439651 |
| ## | 131368      | 131374      | 131378      | 131380      | 131384      | 131385      |
| ## | 0.183013871 | 0.138488620 | 0.138488620 | 0.097245428 | 0.086547961 | 0.183013871 |
| ## | 131402      | 131405      | 131412      | 131419      | 131422      | 131428      |
| ## | 0.155598921 | 0.154933581 | 0.183013871 | 0.093993910 | 0.096931326 | 0.076571860 |
| ## | 131434      | 131436      | 131444      | 131445      | 131446      | 131453      |
| ## | 0.061886462 | 0.064507762 | 0.115969861 | 0.076571860 | 0.051501127 | 0.090089438 |
| ## | 131454      | 131460      | 131470      | 131472      | 131473      | 131485      |
| ## | 0.144346661 | 0.131541106 | 0.083592087 | 0.083592087 | 0.083592087 | 0.144226661 |
| ## | 131487      | 131498      | 131502      | 131504      | 131508      | 131510      |
| ## | 0.075524671 | 0.116637924 | 0.473699791 | 0.072231748 | 0.098263842 | 0.283448792 |
| ## | 131515      | 131518      | 131520      | 131538      | 131543      | 131546      |
| ## | 0.326812813 | 0.080089225 | 0.471614980 | 0.091059151 | 0.150903312 | 0.099644543 |
| ## | 131557      | 131559      | 131562      | 131563      | 131566      | 131568      |
| ## | 0.463105612 | 0.136814299 | 0.350649575 | 0.077011831 | 0.134668065 | 0.071963550 |
| ## | 131577      | 131579      | 131581      | 131588      | 131609      | 131610      |
| ## | 0.136414303 | 0.071963550 | 0.136414303 | 0.089400280 | 0.105197645 | 0.103802979 |
| ## | 131614      | 131619      | 131620      | 131623      | 131628      | 131633      |
| ## | 0.100010202 | 0.069123501 | 0.069123501 | 0.100010202 | 0.100010202 | 0.052464767 |
| ## | 131639      | 131673      | 131678      | 131682      | 131686      | 131690      |
| ## | 0.052464767 | 0.100010202 | 0.113907009 | 0.118422936 | 0.214686310 | 0.214724154 |
| ## | 131696      | 131706      | 131707      | 131715      | 131718      | 131726      |
| ## | 0.123605422 | 0.144751808 | 0.588384496 | 0.228693296 | 0.226075035 | 0.593798579 |
| ## | 131731      | 131737      | 131738      | 131740      | 131745      | 131746      |
| ## | 0.226016011 | 0.236118131 | 0.180637009 | 0.536322200 | 0.184000195 | 0.242431476 |
| ## | 131747      | 131751      | 131753      | 131795      | 131798      | 131804      |
| ## | 0.135766132 | 0.588097972 | 0.226372628 | 0.270825054 | 0.115589383 | 0.154210057 |
| ## | 131812      | 131814      | 131817      | 131818      | 131820      | 131822      |
| ## | 0.267891969 | 0.267891969 | 0.267891969 | 0.154210057 | 0.154210057 | 0.267891969 |
| ## | 131823      | 131835      | 131838      | 131847      | 131848      | 131849      |
| ## | 0.267891969 | 0.267891969 | 0.236634138 | 0.617714673 | 0.617714673 | 0.638259678 |
| ## | 131850      | 131853      | 131854      | 131857      | 131867      | 131868      |
| ## | 0.236634138 | 0.160260385 | 0.162276245 | 0.160260385 | 0.145816244 | 0.492064126 |
| ## | 131873      | 131875      | 131896      | 131898      | 131899      | 131901      |
| ## | 0.142515141 | 0.477251651 | 0.267891969 | 0.267891969 | 0.267891969 | 0.270825054 |
| ## | 131905      | 131908      | 131912      | 131915      | 131918      | 131921      |
| ## | 0.270825054 | 0.267891969 | 0.154210057 | 0.267891969 | 0.267891969 | 0.154210057 |
| ## | 131925      | 131929      | 131931      | 131934      | 131936      | 131939      |
| ## | 0.267891969 | 0.210806375 | 0.189163130 | 0.456889846 | 0.557014513 | 0.213833725 |
| ## | 131943      | 131951      | 131954      | 131956      | 131957      | 131968      |
| ## | 0.214724154 | 0.483513582 | 0.107055828 | 0.122830712 | 0.206698794 | 0.206491001 |
| ## | 131970      | 131972      | 131980      | 131987      | 132000      | 132010      |
| ## | 0.235608893 | 0.174793557 | 0.270825054 | 0.115589383 | 0.267891969 | 0.651978862 |
| ## | 132018      | 132023      | 132030      | 132032      | 132042      | 132045      |
| ## | 0.175906466 | 0.447259667 | 0.447259667 | 0.086300447 | 0.552594613 | 0.543302699 |
| ## | 132059      | 132060      | 132075      | 132079      | 132090      | 132101      |
| ## | 0.549455437 | 0.185815042 | 0.196017332 | 0.182215498 | 0.536003512 | 0.447259667 |
| ## | 132114      | 132117      | 132119      | 132120      | 132124      | 132127      |
| ## | 0.498076779 | 0.182027212 | 0.393554298 | 0.112073751 | 0.170439163 | 0.080644213 |

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| ## | 132153      | 132158      | 132159      | 132167      | 132175      | 132178      |
| ## | 0.168342277 | 0.541010131 | 0.178846012 | 0.175844890 | 0.519147414 | 0.139935383 |
| ## | 132182      | 132183      | 132190      | 132196      | 132203      | 132211      |
| ## | 0.124949261 | 0.096748124 | 0.135486003 | 0.178251163 | 0.136739487 | 0.199874732 |
| ## | 132216      | 132218      | 132221      | 132225      | 132232      | 132241      |
| ## | 0.202268862 | 0.202268862 | 0.202268862 | 0.110692347 | 0.184598550 | 0.159647773 |
| ## | 132244      | 132253      | 132254      | 132255      | 132260      | 132264      |
| ## | 0.399040251 | 0.086521863 | 0.083774775 | 0.203818513 | 0.397859630 | 0.544399611 |
| ## | 132278      | 132295      | 132304      | 132306      | 132331      | 132339      |
| ## | 0.394159076 | 0.193154222 | 0.197131958 | 0.185503742 | 0.201712114 | 0.584023470 |
| ## | 132352      | 132353      | 132354      | 132361      | 132381      | 132394      |
| ## | 0.180752376 | 0.180752376 | 0.099046033 | 0.098714253 | 0.203233172 | 0.202308036 |
| ## | 132397      | 132399      | 132402      | 132403      | 132405      | 132407      |
| ## | 0.206700350 | 0.190232640 | 0.190232640 | 0.190232640 | 0.201953061 | 0.204365727 |
| ## | 132414      | 132434      | 132460      | 132464      | 132469      | 132477      |
| ## | 0.107739990 | 0.129857082 | 0.195061510 | 0.192732078 | 0.135486003 | 0.116505898 |
| ## | 132481      | 132483      | 132489      | 132495      | 132511      | 132515      |
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| ## | 0.132084949 | 0.071007619 | 0.101773875 | 0.138619549 | 0.110692347 | 0.202268862 |
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| ## | 0.110692347 | 0.574813534 | 0.202268862 | 0.199874732 | 0.184598550 | 0.182365759 |
| ## | 132573      | 132578      | 132591      | 132595      | 132602      | 132608      |
| ## | 0.180777290 | 0.193356444 | 0.195912865 | 0.156426326 | 0.200313938 | 0.200313938 |
| ## | 132622      | 132625      | 132650      | 132655      | 132656      | 132662      |
| ## | 0.197345517 | 0.115214220 | 0.392892526 | 0.581766731 | 0.195879358 | 0.162448560 |
| ## | 132664      | 132690      | 132695      | 132696      | 132701      | 132702      |
| ## | 0.200830502 | 0.442617029 | 0.106313227 | 0.195061510 | 0.128994369 | 0.097434712 |
| ## | 132703      | 132704      | 132708      | 132720      | 132747      | 132752      |
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| ## | 132832      | 132833      | 132835      | 132836      | 132837      | 132839      |
| ## | 0.154441719 | 0.446887647 | 0.144637940 | 0.144637940 | 0.144637940 | 0.144637940 |
| ## | 132845      | 132850      | 132851      | 132854      | 132858      | 132863      |
| ## | 0.144637940 | 0.485016315 | 0.091766911 | 0.469547750 | 0.168259260 | 0.505043523 |
| ## | 132866      | 132868      | 132869      | 132875      | 132882      | 132886      |
| ## | 0.097340643 | 0.151726879 | 0.062071562 | 0.157341624 | 0.170101271 | 0.508319192 |
| ## | 132887      | 132893      | 132896      | 132901      | 132908      | 132914      |
| ## | 0.329110615 | 0.503722847 | 0.480208064 | 0.144637940 | 0.144637940 | 0.139476070 |
| ## | 132916      | 132935      | 132939      | 132940      | 132941      | 132946      |
| ## | 0.155375694 | 0.141533318 | 0.141533318 | 0.143353830 | 0.143353830 | 0.074986651 |
| ## | 132952      | 132955      | 132970      | 132971      | 132972      | 132976      |
| ## | 0.139928132 | 0.141731406 | 0.146339351 | 0.146339351 | 0.146339351 | 0.086605077 |
| ## | 132980      | 132985      | 132986      | 132990      | 132993      | 132998      |
| ## | 0.134618134 | 0.128096899 | 0.074545817 | 0.145417465 | 0.119710084 | 0.151992010 |
| ## | 133002      | 133009      | 133015      | 133016      | 133026      | 133031      |
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| ## | 133036      | 133043      | 133045      | 133046      | 133050      | 133054      |
| ## | 0.187870884 | 0.094215279 | 0.172375963 | 0.520538567 | 0.172375963 | 0.058468406 |
| ## | 133068      | 133071      | 133072      | 133076      | 133082      | 133085      |
| ## | 0.423483846 | 0.423483846 | 0.127118783 | 0.125474248 | 0.125474248 | 0.127118783 |

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| ## | 133088      | 133107      | 133120      | 133124      | 133127      | 133128      |
| ## | 0.066720513 | 0.061639697 | 0.423483846 | 0.423483846 | 0.050409734 | 0.125474248 |
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| ## | 0.423483846 | 0.127118783 | 0.066720513 | 0.048748027 | 0.168203762 | 0.145898077 |
| ## | 133163      | 133167      | 133168      | 133169      | 133171      | 133173      |
| ## | 0.159382618 | 0.166401714 | 0.098741854 | 0.174220172 | 0.095123761 | 0.091026370 |
| ## | 133175      | 133193      | 133194      | 133197      | 133204      | 133205      |
| ## | 0.102037458 | 0.392944148 | 0.055458565 | 0.105415250 | 0.105415250 | 0.105415250 |
| ## | 133207      | 133218      | 133223      | 133226      | 133244      | 133246      |
| ## | 0.105415250 | 0.151715066 | 0.067412936 | 0.357683125 | 0.526799889 | 0.337995473 |
| ## | 133258      | 133259      | 133262      | 133266      | 133277      | 133281      |
| ## | 0.484123135 | 0.149666326 | 0.147779478 | 0.090466036 | 0.052516249 | 0.111729145 |
| ## | 133285      | 133306      | 133307      | 133315      | 133319      | 133326      |
| ## | 0.063216603 | 0.167202662 | 0.524459290 | 0.164079270 | 0.472383086 | 0.158125330 |
| ## | 133327      | 133328      | 133338      | 133339      | 133343      | 133349      |
| ## | 0.128481855 | 0.145809119 | 0.256729530 | 0.197690434 | 0.644381717 | 0.675570282 |
| ## | 133357      | 133358      | 133360      | 133362      | 133365      | 133379      |
| ## | 0.678503583 | 0.257490857 | 0.669454615 | 0.400870145 | 0.673946887 | 0.657655407 |
| ## | 133388      | 133391      | 133393      | 133400      | 133404      | 133408      |
| ## | 0.222795064 | 0.557439939 | 0.306989818 | 0.214540047 | 0.288473170 | 0.677981115 |
| ## | 133409      | 133413      | 133415      | 133423      | 133426      | 133432      |
| ## | 0.686661900 | 0.666555236 | 0.149350218 | 0.605149706 | 0.688986074 | 0.164775568 |
| ## | 133433      | 133441      | 133445      | 133456      | 133457      | 133468      |
| ## | 0.283634301 | 0.276389950 | 0.679001573 | 0.282766077 | 0.282766077 | 0.125022717 |
| ## | 133473      | 133478      | 133486      | 133487      | 133488      | 133498      |
| ## | 0.643353760 | 0.677981115 | 0.296345838 | 0.618770841 | 0.589883328 | 0.177003771 |
| ## | 133500      | 133503      | 133511      | 133524      | 133525      | 133532      |
| ## | 0.688458759 | 0.273832543 | 0.310802348 | 0.302736407 | 0.177860274 | 0.219323999 |
| ## | 133542      | 133551      | 133557      | 133568      | 133569      | 133570      |
| ## | 0.268731525 | 0.314070111 | 0.700972694 | 0.291725009 | 0.291725009 | 0.294813957 |
| ## | 133574      | 133581      | 133596      | 133597      | 133598      | 133599      |
| ## | 0.704105170 | 0.291725009 | 0.672733423 | 0.672733423 | 0.679933482 | 0.286484624 |
| ## | 133600      | 133602      | 133604      | 133608      | 133610      | 133611      |
| ## | 0.686008577 | 0.686008577 | 0.180255211 | 0.707958737 | 0.306186604 | 0.306186604 |
| ## | 133619      | 133625      | 133630      | 133639      | 133640      | 133655      |
| ## | 0.585805504 | 0.266553598 | 0.206381923 | 0.146039802 | 0.255518285 | 0.291733449 |
| ## | 133666      | 133668      | 133674      | 133675      | 133677      | 133691      |
| ## | 0.735742794 | 0.325197632 | 0.676995445 | 0.286894400 | 0.562000420 | 0.299973739 |
| ## | 133703      | 133705      | 133706      | 133708      | 133711      | 133712      |
| ## | 0.648766157 | 0.675713344 | 0.648690889 | 0.671302324 | 0.671302324 | 0.671302324 |
| ## | 133716      | 133721      | 133726      | 133729      | 133732      | 133738      |
| ## | 0.657476589 | 0.685583490 | 0.211792861 | 0.122795348 | 0.298061532 | 0.249727132 |
| ## | 133740      | 133753      | 133756      | 133758      | 133763      | 133765      |
| ## | 0.207433737 | 0.294977768 | 0.145761840 | 0.297978771 | 0.310802348 | 0.310802348 |
| ## | 133769      | 133775      | 133780      | 133782      | 133783      | 133787      |
| ## | 0.694622247 | 0.147813150 | 0.475545874 | 0.094159317 | 0.221886490 | 0.302863463 |
| ## | 133793      | 133795      | 133796      | 133800      | 133806      | 133808      |
| ## | 0.152531715 | 0.211018201 | 0.595539810 | 0.652948569 | 0.204647070 | 0.314070111 |
| ## | 133810      | 133812      | 133821      | 133825      | 133842      | 133846      |
| ## | 0.697839410 | 0.700972694 | 0.678322292 | 0.170281734 | 0.291725009 | 0.291725009 |
| ## | 133850      | 133853      | 133855      | 133858      | 133862      | 133868      |
| ## | 0.291725009 | 0.302205692 | 0.302205692 | 0.298916232 | 0.685815706 | 0.286484624 |
| ## | 133873      | 133885      | 133894      | 133898      | 133900      | 133901      |
| ## | 0.325197632 | 0.668738355 | 0.672351665 | 0.647331031 | 0.686320589 | 0.302543268 |

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| ## | 133906      | 133907      | 133911      | 133921      | 133927      | 133933      |
| ## | 0.265481847 | 0.297382297 | 0.686008577 | 0.634370692 | 0.675457544 | 0.675911551 |
| ## | 133936      | 133957      | 133959      | 133974      | 133975      | 133979      |
| ## | 0.291733449 | 0.629194494 | 0.655358327 | 0.678503583 | 0.678503583 | 0.628599040 |
| ## | 133980      | 133984      | 133987      | 133991      | 133998      | 133999      |
| ## | 0.669454615 | 0.209334921 | 0.673946887 | 0.559305452 | 0.571070309 | 0.245478805 |
| ## | 134001      | 134012      | 134020      | 134021      | 134024      | 134036      |
| ## | 0.710604868 | 0.640138750 | 0.669696324 | 0.209334921 | 0.168338467 | 0.671588521 |
| ## | 134045      | 134046      | 134048      | 134051      | 134054      | 134056      |
| ## | 0.565484116 | 0.666555236 | 0.191593315 | 0.266811268 | 0.566526493 | 0.665018896 |
| ## | 134057      | 134067      | 134073      | 134078      | 134090      | 134091      |
| ## | 0.665018896 | 0.714274263 | 0.283634301 | 0.687011832 | 0.281994077 | 0.281994077 |
| ## | 134109      | 134112      | 134120      | 134124      | 134126      | 134131      |
| ## | 0.281994077 | 0.281994077 | 0.278986310 | 0.161635865 | 0.161635865 | 0.281994077 |
| ## | 134136      | 134141      | 134143      | 134144      | 134156      | 134157      |
| ## | 0.281994077 | 0.278986310 | 0.278986310 | 0.281994077 | 0.278986310 | 0.278986310 |
| ## | 134191      | 134192      | 134194      | 134198      | 134201      | 134204      |
| ## | 0.258938742 | 0.258938742 | 0.148286645 | 0.620306207 | 0.252855179 | 0.657772612 |
| ## | 134208      | 134209      | 134216      | 134221      | 134227      | 134232      |
| ## | 0.663062041 | 0.259768454 | 0.163607431 | 0.725486832 | 0.701239495 | 0.701239495 |
| ## | 134233      | 134236      | 134238      | 134241      | 134251      | 134254      |
| ## | 0.701239495 | 0.708084539 | 0.701239495 | 0.708084539 | 0.701239495 | 0.701239495 |
| ## | 134260      | 134262      | 134264      | 134265      | 134267      | 134271      |
| ## | 0.701239495 | 0.701239495 | 0.701239495 | 0.716228067 | 0.212038536 | 0.788294762 |
| ## | 134280      | 134288      | 134289      | 134290      | 134293      | 134308      |
| ## | 0.424699076 | 0.807417095 | 0.788294762 | 0.265997190 | 0.424699076 | 0.807417095 |
| ## | 134310      | 134318      | 134320      | 134323      | 134324      | 134327      |
| ## | 0.424699076 | 0.424699076 | 0.212038536 | 0.212038536 | 0.788294762 | 0.212038536 |
| ## | 134342      | 134343      | 134344      | 134345      | 134350      | 134351      |
| ## | 0.265997190 | 0.424699076 | 0.424699076 | 0.807417095 | 0.807417095 | 0.424699076 |
| ## | 134352      | 134353      | 134357      | 134358      | 134362      | 134366      |
| ## | 0.788294762 | 0.424699076 | 0.800160491 | 0.807417095 | 0.265997190 | 0.788294762 |
| ## | 134376      | 134381      | 134386      | 134391      | 134394      | 134395      |
| ## | 0.424699076 | 0.788294762 | 0.421061817 | 0.788294762 | 0.788294762 | 0.232884580 |
| ## | 134398      | 134399      | 134409      | 134420      | 134421      | 134422      |
| ## | 0.245226509 | 0.158897403 | 0.655583232 | 0.319684725 | 0.319684725 | 0.727426562 |
| ## | 134423      | 134426      | 134427      | 134429      | 134431      | 134438      |
| ## | 0.729867598 | 0.727426562 | 0.718207809 | 0.703280484 | 0.319684725 | 0.319684725 |
| ## | 134439      | 134446      | 134448      | 134458      | 134459      | 134462      |
| ## | 0.703280484 | 0.619730100 | 0.206448241 | 0.554653524 | 0.554653524 | 0.061469909 |
| ## | 134465      | 134466      | 134476      | 134479      | 134483      | 134485      |
| ## | 0.058275405 | 0.504178281 | 0.134739632 | 0.250049972 | 0.259768454 | 0.504804284 |
| ## | 134495      | 134504      | 134507      | 134516      | 134517      | 134520      |
| ## | 0.667761067 | 0.317565525 | 0.701239495 | 0.314344456 | 0.701239495 | 0.096578978 |
| ## | 134521      | 134528      | 134532      | 134539      | 134541      | 134545      |
| ## | 0.807417095 | 0.807417095 | 0.809329543 | 0.265997190 | 0.807417095 | 0.793731938 |
| ## | 134546      | 134551      | 134553      | 134569      | 134581      | 134592      |
| ## | 0.809329543 | 0.306565327 | 0.138787782 | 0.701239495 | 0.708084539 | 0.701239495 |
| ## | 134603      | 134606      | 134608      | 134610      | 134611      | 134612      |
| ## | 0.701239495 | 0.788294762 | 0.807417095 | 0.788294762 | 0.807417095 | 0.424699076 |
| ## | 134616      | 134619      | 134621      | 134630      | 134636      | 134639      |
| ## | 0.809329543 | 0.424699076 | 0.421061817 | 0.807417095 | 0.424699076 | 0.212038536 |
| ## | 134641      | 134642      | 134643      | 134646      | 134670      | 134673      |
| ## | 0.673003028 | 0.424699076 | 0.807417095 | 0.421061817 | 0.788294762 | 0.212038536 |

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| ## | 134681      | 134683      | 134685      | 134688      | 134692      | 134696      |
| ## | 0.421061817 | 0.421061817 | 0.807417095 | 0.807417095 | 0.808263827 | 0.807761245 |
| ## | 134697      | 134698      | 134700      | 134701      | 134706      | 134713      |
| ## | 0.788294762 | 0.788294762 | 0.424699076 | 0.788294762 | 0.788294762 | 0.166220584 |
| ## | 134715      | 134723      | 134732      | 134738      | 134742      | 134746      |
| ## | 0.221847708 | 0.092814258 | 0.264577210 | 0.319684725 | 0.316452128 | 0.319684725 |
| ## | 134754      | 134759      | 134760      | 134767      | 134770      | 134776      |
| ## | 0.319684725 | 0.728506733 | 0.703280484 | 0.146203545 | 0.186284240 | 0.276614962 |
| ## | 134783      | 134788      | 134795      | 134798      | 134801      | 134802      |
| ## | 0.574684336 | 0.073173042 | 0.095801924 | 0.222613499 | 0.222613499 | 0.225203337 |
| ## | 134803      | 134804      | 134806      | 134809      | 134810      | 134813      |
| ## | 0.225203337 | 0.225203337 | 0.222613499 | 0.225203337 | 0.225203337 | 0.124868646 |
| ## | 134815      | 134832      | 134842      | 134843      | 134850      | 134858      |
| ## | 0.104296534 | 0.197391680 | 0.106104866 | 0.168187357 | 0.440236355 | 0.102668904 |
| ## | 134861      | 134872      | 134876      | 134890      | 134892      | 134893      |
| ## | 0.178862621 | 0.110644362 | 0.464021098 | 0.130583589 | 0.117234567 | 0.136553868 |
| ## | 134897      | 134898      | 134900      | 134902      | 134905      | 134918      |
| ## | 0.482879291 | 0.188353782 | 0.186085935 | 0.115992280 | 0.153636823 | 0.263669930 |
| ## | 134924      | 134931      | 134932      | 134942      | 134947      | 134948      |
| ## | 0.534779265 | 0.193397728 | 0.193397728 | 0.062060497 | 0.536346754 | 0.544099078 |
| ## | 134953      | 134955      | 134962      | 134965      | 134966      | 134971      |
| ## | 0.555520042 | 0.164245609 | 0.521405786 | 0.097214920 | 0.179896983 | 0.177708665 |
| ## | 134977      | 134980      | 134990      | 135010      | 135011      | 135013      |
| ## | 0.107911838 | 0.180271687 | 0.107971835 | 0.165749945 | 0.167821056 | 0.117234567 |
| ## | 135016      | 135017      | 135022      | 135025      | 135026      | 135028      |
| ## | 0.105267364 | 0.105267364 | 0.151342234 | 0.225203337 | 0.124868646 | 0.124868646 |
| ## | 135031      | 135035      | 135047      | 135053      | 135059      | 135061      |
| ## | 0.124868646 | 0.124868646 | 0.222613499 | 0.181432235 | 0.110644362 | 0.182137261 |
| ## | 135066      | 135071      | 135077      | 135080      | 135081      | 135082      |
| ## | 0.087131744 | 0.428879121 | 0.186947811 | 0.078404079 | 0.186947811 | 0.189223719 |
| ## | 135095      | 135096      | 135101      | 135108      | 135115      | 135124      |
| ## | 0.089530038 | 0.386095743 | 0.105661448 | 0.179896983 | 0.179896983 | 0.106485470 |
| ## | 135137      | 135139      | 135141      | 135142      | 135143      | 135154      |
| ## | 0.181082949 | 0.097920890 | 0.222613499 | 0.222613499 | 0.084416079 | 0.086846770 |
| ## | 135156      | 135159      | 135163      | 135164      | 135166      | 135169      |
| ## | 0.132769106 | 0.447516927 | 0.132769106 | 0.132769106 | 0.111033951 | 0.066418315 |
| ## | 135176      | 135182      | 135185      | 135188      | 135193      | 135196      |
| ## | 0.142745128 | 0.129628727 | 0.142745128 | 0.142745128 | 0.075917748 | 0.063391273 |
| ## | 135199      | 135200      | 135202      | 135203      | 135204      | 135205      |
| ## | 0.140797364 | 0.250270837 | 0.156285556 | 0.276729002 | 0.651232446 | 0.641245477 |
| ## | 135213      | 135221      | 135224      | 135227      | 135233      | 135234      |
| ## | 0.155068582 | 0.127819349 | 0.127819349 | 0.274201749 | 0.270894626 | 0.652058789 |
| ## | 135246      | 135248      | 135250      | 135251      | 135259      | 135267      |
| ## | 0.302722515 | 0.302722515 | 0.133673208 | 0.305877622 | 0.302722515 | 0.302722515 |
| ## | 135276      | 135278      | 135279      | 135280      | 135285      | 135286      |
| ## | 0.670985224 | 0.287912313 | 0.287912313 | 0.670985224 | 0.134407884 | 0.282686618 |
| ## | 135304      | 135305      | 135307      | 135313      | 135316      | 135319      |
| ## | 0.669733434 | 0.669733434 | 0.286752323 | 0.669733434 | 0.274201749 | 0.547101319 |
| ## | 135332      | 135334      | 135341      | 135342      | 135355      | 135356      |
| ## | 0.440622738 | 0.302722515 | 0.302722515 | 0.302722515 | 0.302722515 | 0.302722515 |
| ## | 135357      | 135358      | 135376      | 135380      | 135397      | 135398      |
| ## | 0.302722515 | 0.305877622 | 0.670985224 | 0.678205347 | 0.331321829 | 0.331321829 |
| ## | 135400      | 135416      | 135417      | 135423      | 135434      | 135438      |
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| ## | 135442      | 135447      | 135448      | 135452      | 135463      | 135474      |
| ## | 0.121372944 | 0.637930148 | 0.109413159 | 0.216197789 | 0.139641483 | 0.161662594 |
| ## | 135480      | 135482      | 135489      | 135494      | 135495      | 135498      |
| ## | 0.180890679 | 0.074502865 | 0.543942703 | 0.123999757 | 0.089735477 | 0.101313882 |
| ## | 135499      | 135501      | 135511      | 135514      | 135517      | 135524      |
| ## | 0.101313882 | 0.050351768 | 0.041308113 | 0.059944705 | 0.077772244 | 0.149194978 |
| ## | 135534      | 135538      | 135543      | 135544      | 135548      | 135550      |
| ## | 0.045724317 | 0.088926968 | 0.042429042 | 0.030784110 | 0.481595423 | 0.378924652 |
| ## | 135551      | 135574      | 135580      | 135581      | 135583      | 135594      |
| ## | 0.099439297 | 0.403961585 | 0.356299353 | 0.088926968 | 0.199848620 | 0.052439776 |
| ## | 135596      | 135597      | 135603      | 135604      | 135617      | 135618      |
| ## | 0.051387027 | 0.094023303 | 0.147592887 | 0.474391194 | 0.405896005 | 0.405896005 |
| ## | 135619      | 135631      | 135637      | 135642      | 135643      | 135645      |
| ## | 0.139235619 | 0.347902078 | 0.098056851 | 0.477790744 | 0.079329523 | 0.487157387 |
| ## | 135650      | 135651      | 135655      | 135661      | 135665      | 135666      |
| ## | 0.105339239 | 0.325189007 | 0.128987597 | 0.041803251 | 0.057835155 | 0.110374492 |
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| ## | 0.028700855 | 0.435644367 | 0.130671300 | 0.448572279 | 0.130671300 | 0.128987597 |
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| ## | 0.088017235 | 0.088017235 | 0.502401033 | 0.502401033 | 0.162264135 | 0.102083473 |
| ## | 135715      | 135717      | 135727      | 135733      | 135739      | 135742      |
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| ## | 135743      | 135745      | 135746      | 135750      | 135751      | 135753      |
| ## | 0.094024402 | 0.343378214 | 0.136174497 | 0.092290737 | 0.446610407 | 0.053448933 |
| ## | 135756      | 135757      | 135764      | 135765      | 135773      | 135777      |
| ## | 0.371355616 | 0.053448933 | 0.082072129 | 0.052536212 | 0.145013923 | 0.357461243 |
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| ## | 0.140136327 | 0.148111799 | 0.149347978 | 0.148134005 | 0.078650414 | 0.451512458 |
| ## | 135800      | 135806      | 135809      | 135813      | 135819      | 135820      |
| ## | 0.378095507 | 0.101838113 | 0.053475312 | 0.101838113 | 0.131951266 | 0.077404071 |
| ## | 135825      | 135826      | 135828      | 135829      | 135831      | 135835      |
| ## | 0.049595025 | 0.145866112 | 0.145866112 | 0.153240591 | 0.040954357 | 0.097257701 |
| ## | 135852      | 135858      | 135860      | 135861      | 135862      | 135864      |
| ## | 0.488631008 | 0.088017235 | 0.088017235 | 0.162264135 | 0.088017235 | 0.525179483 |
| ## | 135866      | 135869      | 135885      | 135887      | 135890      | 135893      |
| ## | 0.088017235 | 0.088017235 | 0.088017235 | 0.070625975 | 0.082661226 | 0.376898257 |
| ## | 135894      | 135900      | 135901      | 135904      | 135906      | 135908      |
| ## | 0.091049774 | 0.053448933 | 0.053448933 | 0.101490570 | 0.068116787 | 0.136105496 |
| ## | 135915      | 135918      | 135921      | 135922      | 135925      | 135928      |
| ## | 0.143175852 | 0.143175852 | 0.126202610 | 0.126202610 | 0.069412730 | 0.472363414 |
| ## | 135934      | 135941      | 135948      | 135954      | 135955      | 135958      |
| ## | 0.150002143 | 0.317687965 | 0.437909974 | 0.095602234 | 0.086028384 | 0.148175539 |
| ## | 135959      | 135961      | 135963      | 135968      | 135978      | 135979      |
| ## | 0.148175539 | 0.240264321 | 0.240264321 | 0.238163509 | 0.134774686 | 0.229905606 |
| ## | 135987      | 135997      | 136005      | 136007      | 136015      | 136016      |
| ## | 0.493721904 | 0.167168368 | 0.167168368 | 0.167168368 | 0.297018133 | 0.508127672 |
| ## | 136028      | 136030      | 136038      | 136039      | 136049      | 136051      |
| ## | 0.153744585 | 0.153217755 | 0.146753770 | 0.523474363 | 0.173765587 | 0.093580003 |
| ## | 136052      | 136053      | 136059      | 136068      | 136069      | 136079      |
| ## | 0.173765587 | 0.541952529 | 0.173765587 | 0.153744585 | 0.083009687 | 0.476018250 |
| ## | 136108      | 136109      | 136111      | 136115      | 136131      | 136140      |
| ## | 0.063608566 | 0.402767493 | 0.152221822 | 0.240264321 | 0.238163509 | 0.618211972 |
| ## | 136142      | 136145      | 136147      | 136156      | 136162      | 136164      |
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| ## | 136167      | 136173      | 136178      | 136180      | 136185      | 136188      |
| ## | 0.091048743 | 0.544039524 | 0.186264780 | 0.165402450 | 0.165928406 | 0.166915096 |
| ## | 136196      | 136199      | 136203      | 136205      | 136223      | 136229      |
| ## | 0.184410626 | 0.184410626 | 0.495898948 | 0.150308452 | 0.189825947 | 0.188478551 |
| ## | 136245      | 136251      | 136256      | 136257      | 136264      | 136265      |
| ## | 0.177459279 | 0.088763762 | 0.176300330 | 0.178475069 | 0.188340749 | 0.132093644 |
| ## | 136266      | 136271      | 136274      | 136284      | 136287      | 136291      |
| ## | 0.422087369 | 0.076382018 | 0.033905640 | 0.096287552 | 0.530816925 | 0.388358124 |
| ## | 136292      | 136293      | 136294      | 136295      | 136300      | 136305      |
| ## | 0.388358124 | 0.054007369 | 0.377418951 | 0.104181845 | 0.175541277 | 0.535376414 |
| ## | 136313      | 136320      | 136322      | 136330      | 136331      | 136332      |
| ## | 0.175541277 | 0.373767677 | 0.419922528 | 0.149198092 | 0.405984018 | 0.403723313 |
| ## | 136334      | 136341      | 136344      | 136357      | 136358      | 136363      |
| ## | 0.117210654 | 0.174998186 | 0.175399283 | 0.177431007 | 0.151780399 | 0.094776157 |
| ## | 136367      | 136376      | 136379      | 136384      | 136393      | 136394      |
| ## | 0.541823925 | 0.098995621 | 0.162160146 | 0.164195230 | 0.410100813 | 0.185342815 |
| ## | 136403      | 136416      | 136419      | 136423      | 136430      | 136432      |
| ## | 0.164195230 | 0.123492952 | 0.121202510 | 0.116926748 | 0.178475069 | 0.096369734 |
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| ## | 0.176300330 | 0.547420497 | 0.188340749 | 0.543725553 | 0.442384280 | 0.112820195 |
| ## | 136458      | 136472      | 136482      | 136494      | 136505      | 136507      |
| ## | 0.204548791 | 0.087303608 | 0.071957420 | 0.072136905 | 0.182679550 | 0.173620518 |
| ## | 136511      | 136516      | 136522      | 136526      | 136527      | 136528      |
| ## | 0.096473397 | 0.145186733 | 0.112498644 | 0.097551683 | 0.115699756 | 0.177612647 |
| ## | 136533      | 136534      | 136548      | 136556      | 136558      | 136575      |
| ## | 0.427979630 | 0.116210992 | 0.324658187 | 0.236757797 | 0.270736766 | 0.642549244 |
| ## | 136577      | 136578      | 136579      | 136582      | 136584      | 136594      |
| ## | 0.295093602 | 0.678615643 | 0.292002937 | 0.292002937 | 0.284292288 | 0.586707987 |
| ## | 136596      | 136607      | 136619      | 136626      | 136631      | 136635      |
| ## | 0.297394082 | 0.274562637 | 0.298512583 | 0.271114917 | 0.241027589 | 0.295024685 |
| ## | 136661      | 136663      | 136667      | 136669      | 136672      | 136680      |
| ## | 0.280895942 | 0.302401941 | 0.680675742 | 0.207503441 | 0.180526430 | 0.324658187 |
| ## | 136683      | 136700      | 136701      | 136704      | 136722      | 136731      |
| ## | 0.327934394 | 0.289713815 | 0.289713815 | 0.292790271 | 0.295093602 | 0.117925497 |
| ## | 136733      | 136734      | 136742      | 136754      | 136762      | 136766      |
| ## | 0.172037876 | 0.297394082 | 0.610132016 | 0.157901562 | 0.670949031 | 0.298512583 |
| ## | 136767      | 136768      | 136772      | 136774      | 136784      | 136789      |
| ## | 0.295401115 | 0.298512583 | 0.273194836 | 0.205063279 | 0.164277971 | 0.089207728 |
| ## | 136797      | 136798      | 136802      | 136803      | 136804      | 136807      |
| ## | 0.094090035 | 0.094090035 | 0.123173753 | 0.097834058 | 0.077858083 | 0.475784039 |
| ## | 136811      | 136825      | 136826      | 136840      | 136843      | 136846      |
| ## | 0.485501125 | 0.164277971 | 0.089207728 | 0.359832221 | 0.160538019 | 0.086998912 |
| ## | 136847      | 136850      | 136853      | 136854      | 136861      | 136864      |
| ## | 0.494715901 | 0.097834058 | 0.410595096 | 0.254049150 | 0.106757692 | 0.082511317 |
| ## | 136880      | 136891      | 136904      | 136905      | 136912      | 136919      |
| ## | 0.159368913 | 0.338104473 | 0.084278831 | 0.387310401 | 0.065089037 | 0.083464394 |
| ## | 136920      | 136925      | 136942      | 136945      | 136947      | 136952      |
| ## | 0.159772900 | 0.197012188 | 0.059432829 | 0.403608090 | 0.398800051 | 0.053676240 |
| ## | 136954      | 136955      | 136963      | 136968      | 136973      | 136974      |
| ## | 0.078859140 | 0.266109824 | 0.069189384 | 0.084592202 | 0.127791111 | 0.037939078 |
| ## | 136976      | 136985      | 136993      | 136996      | 137013      | 137014      |
| ## | 0.074064116 | 0.044988369 | 0.134381315 | 0.070812315 | 0.113925559 | 0.313977751 |
| ## | 137015      | 137022      | 137038      | 137040      | 137041      | 137047      |
| ## | 0.083539230 | 0.580021873 | 0.153134538 | 0.337215500 | 0.340554525 | 0.208268991 |

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| ## | 137052      | 137056      | 137059      | 137070      | 137072      | 137075      |
| ## | 0.208268991 | 0.187344370 | 0.206884182 | 0.202242246 | 0.337215500 | 0.340554525 |
| ## | 137077      | 137082      | 137084      | 137086      | 137090      | 137095      |
| ## | 0.736913196 | 0.337215500 | 0.337215500 | 0.337215500 | 0.340554525 | 0.729138789 |
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| ## | 0.340554525 | 0.337215500 | 0.340554525 | 0.202242246 | 0.340554525 | 0.220203810 |
| ## | 137125      | 137126      | 137127      | 137146      | 137147      | 137148      |
| ## | 0.225444252 | 0.225444252 | 0.097221809 | 0.173509225 | 0.173509225 | 0.173509225 |
| ## | 137152      | 137155      | 137160      | 137162      | 137171      | 137173      |
| ## | 0.189748398 | 0.192050347 | 0.208639274 | 0.199418519 | 0.337215500 | 0.337215500 |
| ## | 137179      | 137184      | 137185      | 137189      | 137194      | 137199      |
| ## | 0.736913196 | 0.337215500 | 0.202242246 | 0.340554525 | 0.340554525 | 0.340554525 |
| ## | 137205      | 137211      | 137214      | 137229      | 137243      | 137246      |
| ## | 0.337215500 | 0.337215500 | 0.337215500 | 0.093747412 | 0.312249671 | 0.205199967 |
| ## | 137247      | 137253      | 137255      | 137256      | 137263      | 137274      |
| ## | 0.341302653 | 0.632776054 | 0.337335786 | 0.333098886 | 0.330216975 | 0.273598622 |
| ## | 137278      | 137282      | 137283      | 137296      | 137302      | 137304      |
| ## | 0.302198503 | 0.187740702 | 0.320115049 | 0.331709331 | 0.314040825 | 0.364595688 |
| ## | 137327      | 137329      | 137338      | 137343      | 137346      | 137347      |
| ## | 0.316476506 | 0.367805643 | 0.288776829 | 0.318934534 | 0.332451895 | 0.195028340 |
| ## | 137349      | 137351      | 137354      | 137358      | 137365      | 137366      |
| ## | 0.333098886 | 0.325644899 | 0.203320703 | 0.726955261 | 0.486342631 | 0.490066456 |
| ## | 137371      | 137372      | 137380      | 137383      | 137384      | 137390      |
| ## | 0.490066456 | 0.486342631 | 0.486342631 | 0.490066456 | 0.486342631 | 0.490066456 |
| ## | 137392      | 137393      | 137394      | 137397      | 137399      | 137402      |
| ## | 0.838736369 | 0.490066456 | 0.486342631 | 0.490066456 | 0.490066456 | 0.486342631 |
| ## | 137404      | 137415      | 137430      | 137435      | 137438      | 137446      |
| ## | 0.320548093 | 0.838736369 | 0.490066456 | 0.486342631 | 0.838736369 | 0.486342631 |
| ## | 137454      | 137458      | 137464      | 137468      | 137472      | 137479      |
| ## | 0.342344714 | 0.330628347 | 0.357274531 | 0.327161300 | 0.327612011 | 0.346995937 |
| ## | 137494      | 137497      | 137498      | 137504      | 137508      | 137509      |
| ## | 0.300388371 | 0.324742129 | 0.324742129 | 0.320764572 | 0.341239240 | 0.729740222 |
| ## | 137515      | 137522      | 137523      | 137534      | 137536      | 137542      |
| ## | 0.280871803 | 0.345872460 | 0.082367626 | 0.320764572 | 0.337896941 | 0.163479719 |
| ## | 137547      | 137550      | 137555      | 137561      | 137563      | 137568      |
| ## | 0.132194152 | 0.354114692 | 0.291535399 | 0.337301600 | 0.736987871 | 0.280871803 |
| ## | 137572      | 137577      | 137583      | 137585      | 137587      | 137592      |
| ## | 0.722162882 | 0.322412442 | 0.684051645 | 0.463319884 | 0.354935977 | 0.329462926 |
| ## | 137593      | 137606      | 137608      | 137609      | 137617      | 137624      |
| ## | 0.329462926 | 0.329540869 | 0.192565317 | 0.699196521 | 0.352490040 | 0.168458783 |
| ## | 137625      | 137637      | 137638      | 137641      | 137644      | 137647      |
| ## | 0.353812029 | 0.327678237 | 0.330969984 | 0.331644764 | 0.717549333 | 0.347116699 |
| ## | 137668      | 137670      | 137672      | 137674      | 137675      | 137677      |
| ## | 0.455545909 | 0.455545909 | 0.339390282 | 0.253334363 | 0.654657960 | 0.396929796 |
| ## | 137681      | 137683      | 137697      | 137699      | 137709      | 137720      |
| ## | 0.776903384 | 0.246961250 | 0.358005958 | 0.634422589 | 0.158569814 | 0.767436834 |
| ## | 137723      | 137730      | 137737      | 137738      | 137741      | 137745      |
| ## | 0.767831886 | 0.375286195 | 0.323457805 | 0.728510093 | 0.256560772 | 0.369179171 |
| ## | 137746      | 137756      | 137765      | 137785      | 137789      | 137792      |
| ## | 0.760032111 | 0.657514317 | 0.189036394 | 0.235209621 | 0.728648561 | 0.327847419 |
| ## | 137795      | 137796      | 137797      | 137802      | 137808      | 137816      |
| ## | 0.364205157 | 0.309464706 | 0.232709163 | 0.184487680 | 0.315459151 | 0.083407404 |
| ## | 137819      | 137826      | 137829      | 137837      | 137851      | 137854      |
| ## | 0.618252024 | 0.336417840 | 0.331709331 | 0.296692921 | 0.219773431 | 0.364595688 |

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| ## | 137859      | 137865      | 137879      | 137885      | 137886      | 137893      |
| ## | 0.741677876 | 0.367805643 | 0.343887581 | 0.318934534 | 0.299643718 | 0.349954210 |
| ## | 137895      | 137896      | 137900      | 137911      | 137915      | 137917      |
| ## | 0.147568196 | 0.722045850 | 0.320585733 | 0.330450407 | 0.746261535 | 0.358801193 |
| ## | 137921      | 137924      | 137929      | 137944      | 137946      | 137950      |
| ## | 0.327161300 | 0.152475295 | 0.331149828 | 0.302112258 | 0.161726495 | 0.332186701 |
| ## | 137955      | 137974      | 137975      | 137978      | 137981      | 137982      |
| ## | 0.331967893 | 0.833597647 | 0.486342631 | 0.490066456 | 0.490066456 | 0.490066456 |
| ## | 137990      | 138018      | 138019      | 138021      | 138026      | 138034      |
| ## | 0.839035708 | 0.486342631 | 0.486342631 | 0.490066456 | 0.490066456 | 0.486342631 |
| ## | 138037      | 138038      | 138043      | 138054      | 138060      | 138074      |
| ## | 0.486342631 | 0.490066456 | 0.838736369 | 0.486342631 | 0.320548093 | 0.490066456 |
| ## | 138078      | 138086      | 138091      | 138093      | 138094      | 138102      |
| ## | 0.345708037 | 0.323076425 | 0.453456873 | 0.351531112 | 0.351531112 | 0.326178860 |
| ## | 138110      | 138113      | 138115      | 138121      | 138126      | 138127      |
| ## | 0.815732522 | 0.455545909 | 0.294236114 | 0.455545909 | 0.455545909 | 0.459244754 |
| ## | 138128      | 138131      | 138135      | 138139      | 138145      | 138153      |
| ## | 0.459244754 | 0.459244754 | 0.339390282 | 0.259413755 | 0.246961250 | 0.396929796 |
| ## | 138155      | 138170      | 138171      | 138174      | 138177      | 138178      |
| ## | 0.236120265 | 0.306199152 | 0.700154988 | 0.163332310 | 0.633377274 | 0.325851826 |
| ## | 138179      | 138181      | 138186      | 138191      | 138193      | 138195      |
| ## | 0.726851505 | 0.306416011 | 0.375286195 | 0.767436834 | 0.375286195 | 0.378786748 |
| ## | 138205      | 138207      | 138208      | 138211      | 138223      | 138233      |
| ## | 0.378786748 | 0.375286195 | 0.657514317 | 0.756632020 | 0.315706003 | 0.708639404 |
| ## | 138235      | 138239      | 138241      | 138270      | 138276      | 138285      |
| ## | 0.102165678 | 0.307717901 | 0.327847419 | 0.137946174 | 0.137946174 | 0.199756730 |
| ## | 138288      | 138289      | 138297      | 138314      | 138316      | 138322      |
| ## | 0.209622152 | 0.203412387 | 0.439763621 | 0.112103692 | 0.202164674 | 0.199830136 |
| ## | 138324      | 138325      | 138329      | 138333      | 138336      | 138340      |
| ## | 0.211345287 | 0.122118265 | 0.459530088 | 0.142044423 | 0.145065311 | 0.580623924 |
| ## | 138343      | 138346      | 138349      | 138354      | 138362      | 138363      |
| ## | 0.209863830 | 0.218587500 | 0.154504315 | 0.225463634 | 0.057034071 | 0.151452344 |
| ## | 138364      | 138366      | 138367      | 138371      | 138374      | 138386      |
| ## | 0.203829046 | 0.203829046 | 0.203829046 | 0.118665674 | 0.220833115 | 0.225463634 |
| ## | 138388      | 138395      | 138398      | 138409      | 138420      | 138423      |
| ## | 0.225463634 | 0.201769021 | 0.159379047 | 0.085717332 | 0.220833115 | 0.629516269 |
| ## | 138427      | 138428      | 138430      | 138435      | 138438      | 138443      |
| ## | 0.243084393 | 0.243084393 | 0.245837071 | 0.245837071 | 0.245837071 | 0.137946174 |
| ## | 138444      | 138447      | 138450      | 138451      | 138460      | 138462      |
| ## | 0.137946174 | 0.137946174 | 0.243084393 | 0.243084393 | 0.199756730 | 0.422192532 |
| ## | 138463      | 138464      | 138468      | 138473      | 138474      | 138478      |
| ## | 0.118953828 | 0.435340592 | 0.570035409 | 0.516823961 | 0.566203992 | 0.535741506 |
| ## | 138481      | 138483      | 138485      | 138496      | 138498      | 138500      |
| ## | 0.527551624 | 0.140249940 | 0.551621342 | 0.604905675 | 0.604905675 | 0.220518502 |
| ## | 138501      | 138504      | 138506      | 138508      | 138512      | 138513      |
| ## | 0.604905675 | 0.217967383 | 0.217967383 | 0.604905675 | 0.201431029 | 0.580816162 |
| ## | 138514      | 138515      | 138523      | 138530      | 138537      | 138547      |
| ## | 0.194646367 | 0.194646367 | 0.114346365 | 0.538466627 | 0.538776626 | 0.577500677 |
| ## | 138560      | 138568      | 138574      | 138578      | 138579      | 138580      |
| ## | 0.540760115 | 0.422192532 | 0.117400716 | 0.197876050 | 0.197876050 | 0.581484043 |
| ## | 138586      | 138588      | 138594      | 138596      | 138598      | 138619      |
| ## | 0.172118289 | 0.535741506 | 0.535741506 | 0.527008645 | 0.542325955 | 0.220518502 |
| ## | 138621      | 138626      | 138627      | 138628      | 138630      | 138637      |
| ## | 0.217967383 | 0.580816162 | 0.580816162 | 0.203839052 | 0.194646367 | 0.205791460 |

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| ## | 138639      | 138643      | 138653      | 138665      | 138672      | 138680      |
| ## | 0.205791460 | 0.569860909 | 0.200021597 | 0.106757527 | 0.195795445 | 0.106757527 |
| ## | 138687      | 138692      | 138701      | 138705      | 138713      | 138720      |
| ## | 0.106757527 | 0.106757527 | 0.151346469 | 0.491310030 | 0.438465967 | 0.098185738 |
| ## | 138725      | 138731      | 138736      | 138739      | 138742      | 138745      |
| ## | 0.082875080 | 0.042002417 | 0.165291877 | 0.180846237 | 0.183064589 | 0.170450089 |
| ## | 138749      | 138754      | 138757      | 138767      | 138771      | 138773      |
| ## | 0.180373389 | 0.528010858 | 0.108915245 | 0.202657490 | 0.202657490 | 0.171728063 |
| ## | 138774      | 138777      | 138781      | 138782      | 138784      | 138793      |
| ## | 0.513801371 | 0.111998778 | 0.163231824 | 0.163231824 | 0.173561760 | 0.085181033 |
| ## | 138800      | 138801      | 138813      | 138821      | 138824      | 138830      |
| ## | 0.069975360 | 0.149475928 | 0.119646806 | 0.172271490 | 0.163434269 | 0.161428776 |
| ## | 138837      | 138841      | 138848      | 138863      | 138865      | 138869      |
| ## | 0.114004754 | 0.093736731 | 0.183064589 | 0.167010013 | 0.085661431 | 0.436110856 |
| ## | 138871      | 138873      | 138875      | 138876      | 138889      | 138891      |
| ## | 0.436110856 | 0.436110856 | 0.089186730 | 0.090185497 | 0.081526245 | 0.093386922 |
| ## | 138892      | 138900      | 138901      | 138908      | 138919      | 138922      |
| ## | 0.072971285 | 0.203219783 | 0.086230381 | 0.592533373 | 0.205982302 | 0.208430532 |
| ## | 138927      | 138928      | 138930      | 138936      | 138938      | 138943      |
| ## | 0.205643682 | 0.200109196 | 0.156581223 | 0.274407565 | 0.118919792 | 0.274407565 |
| ## | 138950      | 138962      | 138972      | 138996      | 139000      | 139019      |
| ## | 0.274407565 | 0.118919792 | 0.426294536 | 0.107895811 | 0.135746633 | 0.133554498 |
| ## | 139023      | 139035      | 139038      | 139039      | 139040      | 139045      |
| ## | 0.182560190 | 0.175833971 | 0.118919792 | 0.094977217 | 0.157278384 | 0.093978720 |
| ## | 139048      | 139056      | 139064      | 139066      | 139073      | 139075      |
| ## | 0.093978720 | 0.192576582 | 0.141071165 | 0.472749191 | 0.192073102 | 0.192073102 |
| ## | 139076      | 139087      | 139090      | 139099      | 139107      | 139111      |
| ## | 0.189770944 | 0.189770944 | 0.189770944 | 0.066163734 | 0.143891307 | 0.459453765 |
| ## | 139113      | 139114      | 139115      | 139116      | 139118      | 139122      |
| ## | 0.097857948 | 0.096550090 | 0.120639893 | 0.114936614 | 0.048866408 | 0.427542001 |
| ## | 139127      | 139128      | 139138      | 139139      | 139141      | 139148      |
| ## | 0.065508420 | 0.426098040 | 0.086292861 | 0.092473071 | 0.084581116 | 0.095084229 |
| ## | 139151      | 139169      | 139174      | 139176      | 139185      | 139192      |
| ## | 0.149938106 | 0.029397764 | 0.047796580 | 0.138484310 | 0.380891835 | 0.034441765 |
| ## | 139195      | 139199      | 139201      | 139202      | 139211      | 139213      |
| ## | 0.094359957 | 0.064577955 | 0.134129421 | 0.431287351 | 0.125389469 | 0.121308206 |
| ## | 139219      | 139220      | 139224      | 139225      | 139232      | 139235      |
| ## | 0.093731433 | 0.088359858 | 0.143984552 | 0.480239450 | 0.073138384 | 0.066620017 |
| ## | 139238      | 139242      | 139244      | 139247      | 139248      | 139251      |
| ## | 0.069997886 | 0.155123214 | 0.334866170 | 0.102935708 | 0.101692887 | 0.152720188 |
| ## | 139252      | 139257      | 139270      | 139277      | 139283      | 139290      |
| ## | 0.152720188 | 0.094815168 | 0.370836826 | 0.079146524 | 0.165538289 | 0.024995471 |
| ## | 139293      | 139311      | 139315      | 139316      | 139322      | 139326      |
| ## | 0.137231605 | 0.079146524 | 0.156265618 | 0.449667797 | 0.088077420 | 0.470452734 |
| ## | 139328      | 139330      | 139333      | 139334      | 139335      | 139337      |
| ## | 0.025665543 | 0.091070499 | 0.296484473 | 0.069270683 | 0.274119342 | 0.069997886 |
| ## | 139338      | 139343      | 139351      | 139354      | 139362      | 139373      |
| ## | 0.070974327 | 0.157086543 | 0.383944070 | 0.081290687 | 0.158240698 | 0.092995207 |
| ## | 139376      | 139379      | 139383      | 139387      | 139391      | 139396      |
| ## | 0.134632257 | 0.132905320 | 0.091070499 | 0.399486385 | 0.060234938 | 0.079905507 |
| ## | 139397      | 139404      | 139409      | 139412      | 139418      | 139428      |
| ## | 0.062812349 | 0.243403735 | 0.246158854 | 0.460093428 | 0.600746531 | 0.222035093 |
| ## | 139430      | 139435      | 139440      | 139449      | 139451      | 139454      |
| ## | 0.243328945 | 0.576313055 | 0.447528399 | 0.229733390 | 0.227106727 | 0.618266482 |

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| ## | 139458      | 139459      | 139461      | 139464      | 139473      | 139475      |
| ## | 0.629697063 | 0.205697083 | 0.236648382 | 0.493485884 | 0.172427360 | 0.194709097 |
| ## | 139489      | 139499      | 139506      | 139507      | 139516      | 139523      |
| ## | 0.233720288 | 0.276721387 | 0.276721387 | 0.279714209 | 0.276721387 | 0.276721387 |
| ## | 139526      | 139538      | 139542      | 139552      | 139556      | 139561      |
| ## | 0.279714209 | 0.276721387 | 0.279714209 | 0.678073069 | 0.279714209 | 0.276721387 |
| ## | 139566      | 139568      | 139574      | 139598      | 139602      | 139623      |
| ## | 0.244777785 | 0.242033161 | 0.168425505 | 0.239089474 | 0.233966671 | 0.212194926 |
| ## | 139624      | 139627      | 139631      | 139632      | 139633      | 139634      |
| ## | 0.208237121 | 0.250709110 | 0.555149569 | 0.194723469 | 0.149460116 | 0.365169478 |
| ## | 139638      | 139640      | 139644      | 139647      | 139648      | 139649      |
| ## | 0.613881923 | 0.276721387 | 0.276721387 | 0.279714209 | 0.276721387 | 0.276721387 |
| ## | 139655      | 139659      | 139673      | 139678      | 139688      | 139698      |
| ## | 0.120223394 | 0.160112079 | 0.276721387 | 0.279714209 | 0.279714209 | 0.160112079 |
| ## | 139701      | 139708      | 139710      | 139715      | 139717      | 139723      |
| ## | 0.244777785 | 0.242033161 | 0.160273532 | 0.220531513 | 0.595923944 | 0.545309072 |
| ## | 139728      | 139732      | 139735      | 139740      | 139743      | 139746      |
| ## | 0.208545168 | 0.208545168 | 0.208545168 | 0.114535060 | 0.208545168 | 0.135195290 |
| ## | 139749      | 139750      | 139759      | 139761      | 139776      | 139782      |
| ## | 0.517517916 | 0.173758832 | 0.558225213 | 0.188949911 | 0.587800026 | 0.208545168 |
| ## | 139783      | 139795      | 139797      | 139807      | 139811      | 139813      |
| ## | 0.587800026 | 0.458300080 | 0.517517916 | 0.583385131 | 0.203135134 | 0.558225213 |
| ## | 139823      | 139825      | 139837      | 139841      | 139848      | 139852      |
| ## | 0.082870552 | 0.148977966 | 0.174673474 | 0.183243044 | 0.172321192 | 0.174673474 |
| ## | 139857      | 139863      | 139875      | 139879      | 139885      | 139888      |
| ## | 0.183243044 | 0.103654738 | 0.182356189 | 0.075188425 | 0.115155598 | 0.132041410 |
| ## | 139889      | 139891      | 139896      | 139921      | 139935      | 139938      |
| ## | 0.535845037 | 0.549699362 | 0.213638281 | 0.204279951 | 0.155521415 | 0.200592866 |
| ## | 139939      | 139940      | 139944      | 139954      | 139955      | 139957      |
| ## | 0.200592866 | 0.071072369 | 0.110942891 | 0.214102771 | 0.211605725 | 0.211605725 |
| ## | 139959      | 139967      | 139970      | 139975      | 139982      | 139983      |
| ## | 0.109043439 | 0.184457630 | 0.105479810 | 0.203366026 | 0.113517673 | 0.195219630 |
| ## | 139984      | 139999      | 140005      | 140008      | 140021      | 140027      |
| ## | 0.107834382 | 0.187030390 | 0.155938758 | 0.216739240 | 0.206076862 | 0.077004852 |
| ## | 140029      | 140037      | 140038      | 140041      | 140063      | 140064      |
| ## | 0.196136624 | 0.066516967 | 0.182356189 | 0.096919812 | 0.201131735 | 0.201131735 |
| ## | 140070      | 140071      | 140076      | 140082      | 140086      | 140088      |
| ## | 0.197426004 | 0.131948339 | 0.209594717 | 0.187614863 | 0.110888871 | 0.110888871 |
| ## | 140093      | 140099      | 140103      | 140107      | 140111      | 140116      |
| ## | 0.204279951 | 0.113546286 | 0.204499281 | 0.130850857 | 0.157488844 | 0.200592866 |
| ## | 140117      | 140135      | 140137      | 140139      | 140152      | 140159      |
| ## | 0.111134562 | 0.129384282 | 0.131198253 | 0.451544289 | 0.220471615 | 0.121171619 |
| ## | 140161      | 140162      | 140165      | 140166      | 140171      | 140183      |
| ## | 0.216739240 | 0.121171619 | 0.121171619 | 0.216739240 | 0.206076862 | 0.198497086 |
| ## | 140185      | 140189      | 140202      | 140203      | 140210      | 140212      |
| ## | 0.163340353 | 0.174328951 | 0.155785819 | 0.157755968 | 0.084205236 | 0.084205236 |
| ## | 140215      | 140216      | 140222      | 140227      | 140230      | 140235      |
| ## | 0.157755968 | 0.157755968 | 0.063912785 | 0.162118112 | 0.172137354 | 0.155932245 |
| ## | 140239      | 140248      | 140253      | 140260      | 140266      | 140281      |
| ## | 0.138409209 | 0.065083382 | 0.150238687 | 0.150238687 | 0.461922214 | 0.173827965 |
| ## | 140295      | 140296      | 140307      | 140318      | 140320      | 140322      |
| ## | 0.155785819 | 0.084205236 | 0.157755968 | 0.136228531 | 0.164152771 | 0.162118112 |
| ## | 140328      | 140332      | 140333      | 140336      | 140338      | 140354      |
| ## | 0.479599173 | 0.087456358 | 0.155042307 | 0.157551567 | 0.147034512 | 0.147034512 |

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| ## | 140356      | 140364      | 140366      | 140369      | 140374      | 140381      |
| ## | 0.486918493 | 0.148913509 | 0.147238978 | 0.145377500 | 0.145397714 | 0.159816038 |
| ## | 140384      | 140391      | 140394      | 140400      | 140401      | 140403      |
| ## | 0.129055132 | 0.499220229 | 0.088064375 | 0.139172724 | 0.144150538 | 0.149141907 |
| ## | 140404      | 140411      | 140415      | 140417      | 140420      | 140423      |
| ## | 0.151043067 | 0.143974005 | 0.282994816 | 0.150083258 | 0.479295194 | 0.150083258 |
| ## | 140430      | 140434      | 140436      | 140437      | 140446      | 140447      |
| ## | 0.147034512 | 0.147034512 | 0.079098234 | 0.148913509 | 0.148913509 | 0.145397714 |
| ## | 140450      | 140463      | 140482      | 140486      | 140490      | 140493      |
| ## | 0.083086343 | 0.054796330 | 0.194764533 | 0.097777807 | 0.365244454 | 0.128575662 |
| ## | 140496      | 140497      | 140498      | 140500      | 140503      | 140509      |
| ## | 0.122738159 | 0.121142431 | 0.122738159 | 0.122738159 | 0.130446096 | 0.132145948 |
| ## | 140515      | 140518      | 140520      | 140521      | 140523      | 140524      |
| ## | 0.132145948 | 0.451770120 | 0.434398604 | 0.130446096 | 0.069549425 | 0.069549425 |
| ## | 140525      | 140530      | 140533      | 140535      | 140546      | 140552      |
| ## | 0.130446096 | 0.069549425 | 0.130446096 | 0.434398604 | 0.130446096 | 0.130446096 |
| ## | 140558      | 140563      | 140565      | 140568      | 140569      | 140574      |
| ## | 0.130446096 | 0.130446096 | 0.434398604 | 0.130446096 | 0.029806002 | 0.512582362 |
| ## | 140581      | 140583      | 140585      | 140589      | 140593      | 140604      |
| ## | 0.180724393 | 0.182941584 | 0.099029170 | 0.073920806 | 0.146590574 | 0.108536794 |
| ## | 140610      | 140612      | 140614      | 140618      | 140621      | 140634      |
| ## | 0.323610878 | 0.165001495 | 0.088182655 | 0.143068887 | 0.157539384 | 0.078991644 |
| ## | 140641      | 140643      | 140644      | 140645      | 140647      | 140650      |
| ## | 0.142132738 | 0.095309665 | 0.176688436 | 0.153465180 | 0.138736288 | 0.108536794 |
| ## | 140652      | 140653      | 140654      | 140658      | 140664      | 140665      |
| ## | 0.095169999 | 0.117732666 | 0.083852557 | 0.174814591 | 0.083259274 | 0.476718998 |
| ## | 140681      | 140682      | 140690      | 140703      | 140705      | 140707      |
| ## | 0.137216369 | 0.126487609 | 0.365818372 | 0.122998094 | 0.372136694 | 0.153862385 |
| ## | 140713      | 140715      | 140720      | 140721      | 140729      | 140745      |
| ## | 0.631912827 | 0.678998537 | 0.685259527 | 0.301505233 | 0.567987776 | 0.650338482 |
| ## | 140755      | 140758      | 140761      | 140764      | 140766      | 140774      |
| ## | 0.214325364 | 0.582743433 | 0.684993554 | 0.700256671 | 0.204853511 | 0.176443119 |
| ## | 140778      | 140785      | 140790      | 140791      | 140794      | 140797      |
| ## | 0.192922293 | 0.301672747 | 0.654914981 | 0.122173743 | 0.289896563 | 0.272652890 |
| ## | 140798      | 140803      | 140804      | 140810      | 140813      | 140815      |
| ## | 0.291546016 | 0.698453491 | 0.278889825 | 0.682408067 | 0.287192386 | 0.200842347 |
| ## | 140820      | 140825      | 140827      | 140828      | 140838      | 140839      |
| ## | 0.694471566 | 0.697935191 | 0.314167985 | 0.697935191 | 0.703991807 | 0.703991807 |
| ## | 140840      | 140843      | 140844      | 140853      | 140864      | 140867      |
| ## | 0.297533380 | 0.266845854 | 0.680621500 | 0.699297525 | 0.303243924 | 0.192599135 |
| ## | 140868      | 140880      | 140881      | 140888      | 140889      | 140890      |
| ## | 0.323748469 | 0.519769347 | 0.301016963 | 0.304162048 | 0.687967308 | 0.301016963 |
| ## | 140898      | 140909      | 140913      | 140917      | 140923      | 140927      |
| ## | 0.301016963 | 0.311684570 | 0.295679345 | 0.295679345 | 0.695526578 | 0.315733848 |
| ## | 140928      | 140933      | 140934      | 140938      | 140950      | 140951      |
| ## | 0.318962532 | 0.683828546 | 0.187303578 | 0.561504732 | 0.642372403 | 0.289358618 |
| ## | 140952      | 140957      | 140965      | 140970      | 140971      | 140972      |
| ## | 0.195067943 | 0.720645834 | 0.744315104 | 0.285173939 | 0.299212498 | 0.682901647 |
| ## | 140979      | 140984      | 140995      | 141002      | 141012      | 141018      |
| ## | 0.665407581 | 0.575308891 | 0.685471521 | 0.222462673 | 0.688911901 | 0.685259527 |
| ## | 141019      | 141020      | 141024      | 141038      | 141047      | 141049      |
| ## | 0.685259527 | 0.642372403 | 0.615281129 | 0.315357254 | 0.650338482 | 0.291546016 |
| ## | 141055      | 141058      | 141064      | 141070      | 141071      | 141073      |
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| ## | 141082      | 141083      | 141097      | 141103      | 141110      | 141123      |
| ## | 0.667427274 | 0.310965674 | 0.142308568 | 0.293911106 | 0.312224483 | 0.277578123 |
| ## | 141125      | 141126      | 141131      | 141132      | 141141      | 141142      |
| ## | 0.277578123 | 0.160687997 | 0.303243924 | 0.303243924 | 0.301016963 | 0.176670377 |
| ## | 141145      | 141148      | 141159      | 141170      | 141171      | 141172      |
| ## | 0.301016963 | 0.678027922 | 0.308528485 | 0.186933736 | 0.315733848 | 0.315733848 |
| ## | 141177      | 141178      | 141180      | 141183      | 141191      | 141206      |
| ## | 0.175843574 | 0.232487805 | 0.565454772 | 0.638593545 | 0.270442516 | 0.713312216 |
| ## | 141209      | 141216      | 141221      | 141226      | 141230      | 141231      |
| ## | 0.720645834 | 0.335051398 | 0.682901647 | 0.674917080 | 0.665407581 | 0.665407581 |
| ## | 141237      | 141238      | 141247      | 141250      | 141251      | 141252      |
| ## | 0.667616447 | 0.639526029 | 0.276576061 | 0.611027076 | 0.663286433 | 0.655901408 |
| ## | 141270      | 141281      | 141292      | 141293      | 141301      | 141302      |
| ## | 0.201983928 | 0.291103474 | 0.288037523 | 0.126256918 | 0.291103474 | 0.193783637 |
| ## | 141309      | 141310      | 141324      | 141328      | 141341      | 141345      |
| ## | 0.094824927 | 0.201924439 | 0.291103474 | 0.122812939 | 0.098938695 | 0.667731965 |
| ## | 141355      | 141363      | 141374      | 141376      | 141397      | 141399      |
| ## | 0.676906899 | 0.147997272 | 0.232009058 | 0.271365079 | 0.725196976 | 0.710490645 |
| ## | 141404      | 141405      | 141409      | 141410      | 141414      | 141429      |
| ## | 0.717209209 | 0.710490645 | 0.710490645 | 0.710490645 | 0.717209209 | 0.324027273 |
| ## | 141431      | 141432      | 141440      | 141444      | 141445      | 141447      |
| ## | 0.150640013 | 0.710490645 | 0.324027273 | 0.710490645 | 0.734271678 | 0.234675205 |
| ## | 141448      | 141450      | 141453      | 141455      | 141464      | 141467      |
| ## | 0.234675205 | 0.435621489 | 0.213595350 | 0.435621489 | 0.795635845 | 0.815074904 |
| ## | 141477      | 141478      | 141487      | 141488      | 141489      | 141490      |
| ## | 0.795635845 | 0.814251338 | 0.431960923 | 0.814251338 | 0.435621489 | 0.274787599 |
| ## | 141493      | 141511      | 141512      | 141513      | 141518      | 141521      |
| ## | 0.219579214 | 0.274787599 | 0.814251338 | 0.219579214 | 0.814251338 | 0.274787599 |
| ## | 141527      | 141530      | 141531      | 141539      | 141541      | 141549      |
| ## | 0.435621489 | 0.435621489 | 0.274787599 | 0.800932094 | 0.814251338 | 0.274787599 |
| ## | 141560      | 141565      | 141569      | 141574      | 141575      | 141580      |
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| ## | 141583      | 141593      | 141594      | 141597      | 141600      | 141603      |
| ## | 0.134814046 | 0.542083660 | 0.173961392 | 0.254078406 | 0.539235448 | 0.139287538 |
| ## | 141606      | 141613      | 141619      | 141627      | 141633      | 141639      |
| ## | 0.191618326 | 0.292214450 | 0.727137984 | 0.151893209 | 0.329453000 | 0.504249191 |
| ## | 141645      | 141648      | 141655      | 141656      | 141662      | 141664      |
| ## | 0.727137984 | 0.724170984 | 0.293194946 | 0.296292948 | 0.293194946 | 0.645929440 |
| ## | 141665      | 141670      | 141671      | 141682      | 141687      | 141691      |
| ## | 0.151854154 | 0.284745702 | 0.678075942 | 0.585538109 | 0.191542237 | 0.493226348 |
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| ## | 0.578417752 | 0.614006912 | 0.203898013 | 0.588649261 | 0.518613394 | 0.156178541 |
| ## | 141717      | 141722      | 141733      | 141734      | 141737      | 141740      |
| ## | 0.258498973 | 0.261365932 | 0.662736913 | 0.119531259 | 0.670868075 | 0.677572226 |
| ## | 141749      | 141752      | 141757      | 141762      | 141764      | 141765      |
| ## | 0.734271678 | 0.710490645 | 0.327300199 | 0.815074904 | 0.219579214 | 0.435621489 |
| ## | 141785      | 141795      | 141802      | 141803      | 141817      | 141835      |
| ## | 0.795635845 | 0.814251338 | 0.807190757 | 0.795635845 | 0.435621489 | 0.435621489 |
| ## | 141838      | 141844      | 141850      | 141863      | 141867      | 141869      |
| ## | 0.435621489 | 0.814251338 | 0.795635845 | 0.435621489 | 0.435621489 | 0.435621489 |
| ## | 141871      | 141872      | 141876      | 141881      | 141885      | 141886      |
| ## | 0.431960923 | 0.795635845 | 0.435621489 | 0.814251338 | 0.435621489 | 0.795635845 |
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| ## | 0.431960923 | 0.435621489 | 0.263146934 | 0.132513169 | 0.157843406 | 0.618078913 |

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| ## | 141912      | 141914      | 141915      | 141918      | 141923      | 141933      |
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| ## | 141935      | 141946      | 141956      | 141957      | 141958      | 141963      |
| ## | 0.727137984 | 0.712494347 | 0.709174727 | 0.696500397 | 0.696500397 | 0.630174096 |
| ## | 141965      | 141967      | 141972      | 141985      | 141997      | 142000      |
| ## | 0.620677934 | 0.101928202 | 0.230420278 | 0.107099775 | 0.094236278 | 0.527975144 |
| ## | 142005      | 142006      | 142010      | 142012      | 142025      | 142031      |
| ## | 0.510588715 | 0.170311113 | 0.113596579 | 0.193635058 | 0.133987672 | 0.195260890 |
| ## | 142037      | 142041      | 142050      | 142057      | 142079      | 142081      |
| ## | 0.120640240 | 0.131286084 | 0.074291537 | 0.532513175 | 0.110800228 | 0.110800228 |
| ## | 142083      | 142098      | 142099      | 142102      | 142109      | 142127      |
| ## | 0.112277129 | 0.511506710 | 0.179881189 | 0.186950683 | 0.202546300 | 0.621885611 |
| ## | 142132      | 142134      | 142135      | 142147      | 142148      | 142174      |
| ## | 0.096609950 | 0.613025003 | 0.233073708 | 0.129820061 | 0.233073708 | 0.565136272 |
| ## | 142177      | 142179      | 142183      | 142193      | 142203      | 142205      |
| ## | 0.186245416 | 0.097787856 | 0.092291015 | 0.085479799 | 0.107944298 | 0.384944566 |
| ## | 142217      | 142219      | 142228      | 142236      | 142254      | 142256      |
| ## | 0.456393651 | 0.109580269 | 0.179337105 | 0.184314054 | 0.112339248 | 0.112339248 |
| ## | 142259      | 142273      | 142274      | 142277      | 142283      | 142286      |
| ## | 0.526199922 | 0.141594746 | 0.143415916 | 0.137984402 | 0.115509186 | 0.080050311 |
| ## | 142288      | 142295      | 142299      | 142304      | 142306      | 142309      |
| ## | 0.136786207 | 0.148285287 | 0.150177455 | 0.479479448 | 0.090888745 | 0.058956026 |
| ## | 142315      | 142319      | 142320      | 142321      | 142322      | 142334      |
| ## | 0.133716337 | 0.479479448 | 0.037996459 | 0.342595353 | 0.089664771 | 0.637743159 |
| ## | 142340      | 142343      | 142355      | 142357      | 142358      | 142359      |
| ## | 0.277363408 | 0.292856150 | 0.179398274 | 0.315419611 | 0.184460133 | 0.312210350 |
| ## | 142363      | 142367      | 142375      | 142383      | 142386      | 142393      |
| ## | 0.312210350 | 0.312210350 | 0.224345971 | 0.165467932 | 0.280926754 | 0.283947203 |
| ## | 142395      | 142396      | 142401      | 142409      | 142419      | 142421      |
| ## | 0.666683729 | 0.295302326 | 0.295302326 | 0.690398381 | 0.176470845 | 0.631896656 |
| ## | 142423      | 142431      | 142435      | 142441      | 142448      | 142454      |
| ## | 0.292856150 | 0.147708528 | 0.276791899 | 0.276791899 | 0.184460133 | 0.312210350 |
| ## | 142456      | 142465      | 142466      | 142473      | 142488      | 142491      |
| ## | 0.312210350 | 0.152916589 | 0.137254245 | 0.186278731 | 0.091756948 | 0.197276010 |
| ## | 142495      | 142499      | 142503      | 142506      | 142507      | 142512      |
| ## | 0.228587810 | 0.501488181 | 0.525939804 | 0.161533372 | 0.159524983 | 0.187587360 |
| ## | 142535      | 142537      | 142538      | 142548      | 142551      | 142552      |
| ## | 0.149950379 | 0.103501619 | 0.499238439 | 0.062505567 | 0.080272274 | 0.041084654 |
| ## | 142554      | 142555      | 142556      | 142557      | 142558      | 142565      |
| ## | 0.099351482 | 0.079926190 | 0.087343260 | 0.156901664 | 0.502336429 | 0.467838681 |
| ## | 142575      | 142582      | 142584      | 142588      | 142589      | 142593      |
| ## | 0.476760329 | 0.153287552 | 0.099351482 | 0.091089905 | 0.060610635 | 0.080794460 |
| ## | 142594      | 142595      | 142596      | 142601      | 142605      | 142606      |
| ## | 0.104892710 | 0.103501619 | 0.158553348 | 0.091884879 | 0.093104009 | 0.144314899 |
| ## | 142608      | 142614      | 142622      | 142637      | 142638      | 142640      |
| ## | 0.146165098 | 0.092603997 | 0.146914253 | 0.065799045 | 0.529903144 | 0.043625069 |
| ## | 142641      | 142645      | 142648      | 142653      | 142654      | 142662      |
| ## | 0.043625069 | 0.403409448 | 0.087506178 | 0.450316065 | 0.446629737 | 0.113747504 |
| ## | 142666      | 142673      | 142675      | 142679      | 142689      | 142691      |
| ## | 0.071625100 | 0.459618150 | 0.071625100 | 0.074125699 | 0.091660433 | 0.091660433 |
| ## | 142701      | 142714      | 142716      | 142717      | 142719      | 142727      |
| ## | 0.165454286 | 0.159017823 | 0.086103660 | 0.086103660 | 0.137548788 | 0.089623184 |
| ## | 142729      | 142732      | 142736      | 142737      | 142746      | 142756      |
| ## | 0.339289878 | 0.148729828 | 0.145592430 | 0.155772778 | 0.071338193 | 0.100654873 |



|    |             |             |             |             |             |             |
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| ## | 142767      | 142781      | 142782      | 142783      | 142787      | 142788      |
| ## | 0.082635611 | 0.077765099 | 0.095672071 | 0.062227814 | 0.168413029 | 0.091660433 |
| ## | 142796      | 142798      | 142799      | 142800      | 142802      | 142812      |
| ## | 0.170510615 | 0.517260347 | 0.091660433 | 0.536277183 | 0.091660433 | 0.163406648 |
| ## | 142820      | 142824      | 142831      | 142833      | 142837      | 142841      |
| ## | 0.081940736 | 0.093553116 | 0.153104970 | 0.153104970 | 0.353217052 | 0.144472187 |
| ## | 142842      | 142852      | 142855      | 142856      | 142863      | 142865      |
| ## | 0.078840704 | 0.152607903 | 0.645437517 | 0.248492231 | 0.246342804 | 0.246342804 |
| ## | 142867      | 142871      | 142872      | 142878      | 142889      | 142891      |
| ## | 0.249120237 | 0.639362107 | 0.246342804 | 0.235198411 | 0.069155482 | 0.043355177 |
| ## | 142896      | 142900      | 142901      | 142909      | 142917      | 142918      |
| ## | 0.149414824 | 0.147530597 | 0.145255095 | 0.164394719 | 0.168873134 | 0.168873134 |
| ## | 142919      | 142929      | 142932      | 142934      | 142940      | 142941      |
| ## | 0.522438056 | 0.102698184 | 0.179681788 | 0.173775339 | 0.073268088 | 0.178064799 |
| ## | 142942      | 142945      | 142949      | 142951      | 142954      | 142955      |
| ## | 0.180256541 | 0.180256541 | 0.178064799 | 0.180256541 | 0.148629269 | 0.166147008 |
| ## | 142963      | 142964      | 142965      | 142967      | 142968      | 142974      |
| ## | 0.135175408 | 0.103070627 | 0.103070627 | 0.082108623 | 0.152203144 | 0.156562101 |
| ## | 142976      | 142981      | 143000      | 143002      | 143008      | 143024      |
| ## | 0.150417241 | 0.174322359 | 0.158061969 | 0.524008880 | 0.193522619 | 0.192116466 |
| ## | 143025      | 143030      | 143033      | 143034      | 143040      | 143041      |
| ## | 0.572255814 | 0.577282164 | 0.197742813 | 0.197742813 | 0.133458615 | 0.177601166 |
| ## | 143053      | 143054      | 143057      | 143061      | 143073      | 143078      |
| ## | 0.199140185 | 0.199435288 | 0.110421920 | 0.195389133 | 0.567664465 | 0.368872731 |
| ## | 143084      | 143088      | 143089      | 143090      | 143091      | 143096      |
| ## | 0.387945370 | 0.563384708 | 0.430814089 | 0.129536903 | 0.446094272 | 0.534433242 |
| ## | 143097      | 143098      | 143100      | 143104      | 143105      | 143113      |
| ## | 0.174993270 | 0.087984458 | 0.469657079 | 0.078435008 | 0.106893350 | 0.086983595 |
| ## | 143117      | 143125      | 143127      | 143139      | 143140      | 143142      |
| ## | 0.064697492 | 0.098184310 | 0.191520153 | 0.551676543 | 0.565129267 | 0.547412477 |
| ## | 143144      | 143146      | 143150      | 143151      | 143152      | 143153      |
| ## | 0.562663055 | 0.189427142 | 0.185282073 | 0.185282073 | 0.548033690 | 0.105967439 |
| ## | 143154      | 143156      | 143162      | 143166      | 143169      | 143170      |
| ## | 0.549517843 | 0.168305891 | 0.451628314 | 0.097607324 | 0.117357921 | 0.165401548 |
| ## | 143174      | 143185      | 143186      | 143207      | 143209      | 143210      |
| ## | 0.063800498 | 0.188046962 | 0.188046962 | 0.168305891 | 0.168305891 | 0.168305891 |
| ## | 143219      | 143220      | 143225      | 143240      | 143244      | 143245      |
| ## | 0.544367929 | 0.184215266 | 0.154691651 | 0.096951427 | 0.200287868 | 0.200287868 |
| ## | 143253      | 143255      | 143256      | 143258      | 143259      | 143260      |
| ## | 0.279624134 | 0.276631906 | 0.279624134 | 0.279624134 | 0.276631906 | 0.276631906 |
| ## | 143265      | 143276      | 143292      | 143293      | 143302      | 143303      |
| ## | 0.700836758 | 0.304446732 | 0.282366508 | 0.163917486 | 0.714542028 | 0.179263600 |
| ## | 143306      | 143307      | 143308      | 143310      | 143314      | 143317      |
| ## | 0.282131677 | 0.194163122 | 0.179081520 | 0.256248674 | 0.304376574 | 0.304376574 |
| ## | 143326      | 143327      | 143330      | 143336      | 143345      | 143347      |
| ## | 0.307541317 | 0.307541317 | 0.088199977 | 0.681155409 | 0.304376574 | 0.304376574 |
| ## | 143353      | 143358      | 143371      | 143375      | 143380      | 143387      |
| ## | 0.304376574 | 0.271639640 | 0.296328247 | 0.293062335 | 0.337829570 | 0.334503709 |
| ## | 143390      | 143393      | 143394      | 143400      | 143416      | 143425      |
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| ## | 0.629857355 | 0.282366508 | 0.297637475 | 0.172605710 | 0.170487648 | 0.172605710 |
| ## | 143465      | 143466      | 143478      | 143482      | 143483      | 143489      |
| ## | 0.072369070 | 0.370159769 | 0.352440927 | 0.495952741 | 0.152174983 | 0.084784447 |

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| ## | 143511      | 143515      | 143520      | 143533      | 143537      | 143544      |
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| ## | 143547      | 143562      | 143564      | 143575      | 143579      | 143581      |
| ## | 0.078898345 | 0.078852578 | 0.135772652 | 0.070774990 | 0.081508698 | 0.125042491 |
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| ## | 0.074319980 | 0.139161123 | 0.112373113 | 0.091338390 | 0.129360647 | 0.084548276 |
| ## | 143616      | 143619      | 143620      | 143628      | 143631      | 143634      |
| ## | 0.132205946 | 0.139161123 | 0.131685766 | 0.232879362 | 0.235552443 | 0.235552443 |
| ## | 143645      | 143649      | 143650      | 143655      | 143661      | 143662      |
| ## | 0.208175447 | 0.208175447 | 0.208175447 | 0.232879362 | 0.578229980 | 0.337088698 |
| ## | 143673      | 143675      | 143685      | 143688      | 143691      | 143694      |
| ## | 0.337088698 | 0.202150717 | 0.337088698 | 0.337088698 | 0.337088698 | 0.340427112 |
| ## | 143695      | 143696      | 143699      | 143702      | 143707      | 143714      |
| ## | 0.337088698 | 0.340427112 | 0.337088698 | 0.340427112 | 0.340427112 | 0.337088698 |
| ## | 143716      | 143717      | 143725      | 143726      | 143727      | 143734      |
| ## | 0.337088698 | 0.340427112 | 0.220106395 | 0.220106395 | 0.595327873 | 0.199327949 |
| ## | 143735      | 143741      | 143746      | 143752      | 143757      | 143759      |
| ## | 0.225348545 | 0.225348545 | 0.240307197 | 0.104774881 | 0.240307197 | 0.173427873 |
| ## | 143764      | 143769      | 143773      | 143774      | 143799      | 143805      |
| ## | 0.222654125 | 0.340427112 | 0.340427112 | 0.337088698 | 0.340427112 | 0.736803179 |
| ## | 143807      | 143810      | 143811      | 143813      | 143818      | 143819      |
| ## | 0.340427112 | 0.202150717 | 0.337088698 | 0.340427112 | 0.202150717 | 0.340427112 |
| ## | 143820      | 143828      | 143831      | 143836      | 143839      | 143843      |
| ## | 0.153060970 | 0.340427112 | 0.337088698 | 0.591732352 | 0.220106395 | 0.217558714 |
| ## | 143845      | 143847      | 143868      | 143871      | 143888      | 143889      |
| ## | 0.225345189 | 0.225345189 | 0.350736251 | 0.343150223 | 0.662032818 | 0.662032818 |
| ## | 143891      | 143892      | 143896      | 143902      | 143904      | 143925      |
| ## | 0.662032818 | 0.662032818 | 0.662032818 | 0.207715193 | 0.207715193 | 0.316757318 |
| ## | 143936      | 143944      | 143952      | 143966      | 143970      | 143984      |
| ## | 0.296574538 | 0.361019138 | 0.756718157 | 0.367673719 | 0.356894827 | 0.120755272 |
| ## | 143986      | 143991      | 143994      | 143995      | 143999      | 144002      |
| ## | 0.315583437 | 0.285950480 | 0.320462161 | 0.323716321 | 0.486200888 | 0.320424528 |
| ## | 144026      | 144033      | 144037      | 144047      | 144064      | 144066      |
| ## | 0.838659609 | 0.486200888 | 0.489924663 | 0.489924663 | 0.342216979 | 0.741213180 |
| ## | 144067      | 144068      | 144070      | 144073      | 144075      | 144080      |
| ## | 0.345579706 | 0.333808820 | 0.337527524 | 0.194939094 | 0.327036413 | 0.357144250 |
| ## | 144084      | 144085      | 144087      | 144100      | 144106      | 144120      |
| ## | 0.360573253 | 0.236942942 | 0.277757535 | 0.250969908 | 0.578051786 | 0.139741542 |
| ## | 144122      | 144126      | 144141      | 144147      | 144155      | 144157      |
| ## | 0.196399296 | 0.324617719 | 0.705855137 | 0.350584229 | 0.331842076 | 0.340513611 |
| ## | 144158      | 144161      | 144164      | 144171      | 144172      | 144173      |
| ## | 0.340513611 | 0.337174782 | 0.368564478 | 0.320589177 | 0.320589177 | 0.320589177 |
| ## | 144180      | 144182      | 144184      | 144192      | 144194      | 144196      |
| ## | 0.329677996 | 0.321656808 | 0.724217033 | 0.354806078 | 0.351401781 | 0.306948489 |
| ## | 144197      | 144202      | 144203      | 144208      | 144215      | 144217      |
| ## | 0.329337590 | 0.726594557 | 0.194239083 | 0.727034310 | 0.329337590 | 0.326054166 |
| ## | 144224      | 144226      | 144229      | 144230      | 144240      | 144242      |
| ## | 0.318322338 | 0.308615831 | 0.351173466 | 0.332972854 | 0.339316318 | 0.335983247 |
| ## | 144256      | 144258      | 144267      | 144274      | 144279      | 144282      |
| ## | 0.353682316 | 0.327553248 | 0.294118301 | 0.294118301 | 0.459103851 | 0.455405184 |
| ## | 144289      | 144297      | 144308      | 144313      | 144314      | 144324      |
| ## | 0.459103851 | 0.645193633 | 0.400366581 | 0.246855745 | 0.396793982 | 0.190251836 |
| ## | 144329      | 144330      | 144336      | 144338      | 144352      | 144356      |
| ## | 0.396793982 | 0.783617306 | 0.306621244 | 0.357875559 | 0.375153180 | 0.378653244 |

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| ## | 144359      | 144369      | 144370      | 144372      | 144374      | 144378      |
| ## | 0.378653244 | 0.369047042 | 0.369047042 | 0.365583528 | 0.333270191 | 0.657386534 |
| ## | 144379      | 144393      | 144400      | 144409      | 144419      | 144427      |
| ## | 0.228543206 | 0.336162958 | 0.270534660 | 0.341211838 | 0.273485871 | 0.323802269 |
| ## | 144443      | 144456      | 144458      | 144459      | 144497      | 144505      |
| ## | 0.361019138 | 0.371145451 | 0.371145451 | 0.224641331 | 0.259325819 | 0.838959064 |
| ## | 144508      | 144509      | 144510      | 144513      | 144515      | 144521      |
| ## | 0.489924663 | 0.838959064 | 0.489924663 | 0.751904159 | 0.308699478 | 0.347349979 |
| ## | 144525      | 144529      | 144535      | 144540      | 144541      | 144542      |
| ## | 0.350736251 | 0.312127835 | 0.315336637 | 0.351844637 | 0.749279454 | 0.212896808 |
| ## | 144550      | 144551      | 144553      | 144557      | 144567      | 144568      |
| ## | 0.318866059 | 0.726339132 | 0.329053742 | 0.332972854 | 0.300910606 | 0.307101011 |
| ## | 144573      | 144577      | 144579      | 144583      | 144586      | 144588      |
| ## | 0.342611900 | 0.316757318 | 0.180352312 | 0.246328590 | 0.205863652 | 0.364464252 |
| ## | 144593      | 144604      | 144626      | 144638      | 144659      | 144665      |
| ## | 0.219676153 | 0.455405184 | 0.645193633 | 0.400366581 | 0.396793982 | 0.133397437 |
| ## | 144667      | 144669      | 144675      | 144677      | 144682      | 144696      |
| ## | 0.337139808 | 0.291730172 | 0.489924663 | 0.833518927 | 0.833518927 | 0.486200888 |
| ## | 144698      | 144700      | 144701      | 144706      | 144709      | 144725      |
| ## | 0.486200888 | 0.489924663 | 0.489924663 | 0.486200888 | 0.320424528 | 0.838959064 |
| ## | 144728      | 144730      | 144737      | 144741      | 144743      | 144746      |
| ## | 0.489924663 | 0.833518927 | 0.136512346 | 0.209250565 | 0.346867381 | 0.345744101 |
| ## | 144748      | 144750      | 144769      | 144770      | 144779      | 144781      |
| ## | 0.349123091 | 0.201543620 | 0.334324261 | 0.341111704 | 0.705143835 | 0.314499348 |
| ## | 144782      | 144783      | 144784      | 144793      | 144794      | 144806      |
| ## | 0.725022233 | 0.298860354 | 0.301992641 | 0.732369746 | 0.337174782 | 0.368564478 |
| ## | 144808      | 144810      | 144814      | 144815      | 144819      | 144825      |
| ## | 0.365102872 | 0.365102872 | 0.148637114 | 0.323844013 | 0.722049023 | 0.325552320 |
| ## | 144829      | 144831      | 144832      | 144833      | 144836      | 144839      |
| ## | 0.321656808 | 0.322952349 | 0.318150577 | 0.300493950 | 0.354806078 | 0.351401781 |
| ## | 144840      | 144842      | 144844      | 144846      | 144848      | 144849      |
| ## | 0.212571484 | 0.332716081 | 0.303818006 | 0.309718227 | 0.352360547 | 0.337743747 |
| ## | 144855      | 144862      | 144871      | 144881      | 144885      | 144893      |
| ## | 0.357096543 | 0.214248653 | 0.331519009 | 0.455405184 | 0.459103851 | 0.179036024 |
| ## | 144895      | 144896      | 144902      | 144904      | 144909      | 144914      |
| ## | 0.345259555 | 0.329677996 | 0.733698265 | 0.752080624 | 0.378653244 | 0.375153180 |
| ## | 144916      | 144919      | 144925      | 144932      | 144937      | 144939      |
| ## | 0.767335551 | 0.153001007 | 0.369047042 | 0.323802269 | 0.336654889 | 0.324384411 |
| ## | 144943      | 144946      | 144949      | 144967      | 144970      | 144972      |
| ## | 0.364073781 | 0.367531277 | 0.649702803 | 0.242980010 | 0.137878714 | 0.242980010 |
| ## | 144977      | 144984      | 144986      | 144994      | 144997      | 144999      |
| ## | 0.199666045 | 0.595342598 | 0.235340533 | 0.199288772 | 0.204486905 | 0.204486905 |
| ## | 145000      | 145003      | 145006      | 145008      | 145024      | 145033      |
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| ## | 145035      | 145046      | 145052      | 145053      | 145054      | 145057      |
| ## | 0.151379440 | 0.098604472 | 0.242980010 | 0.137878714 | 0.242980010 | 0.242980010 |
| ## | 145069      | 145073      | 145077      | 145080      | 145087      | 145093      |
| ## | 0.202058306 | 0.202132344 | 0.154309653 | 0.213744722 | 0.201677652 | 0.201677652 |
| ## | 145094      | 145095      | 145101      | 145105      | 145116      | 145129      |
| ## | 0.204486905 | 0.202073171 | 0.204486905 | 0.578245534 | 0.178969866 | 0.191981905 |
| ## | 145135      | 145137      | 145140      | 145147      | 145148      | 145149      |
| ## | 0.595769079 | 0.604770061 | 0.217870681 | 0.208144483 | 0.208144483 | 0.379170845 |
| ## | 145151      | 145162      | 145170      | 145171      | 145172      | 145173      |
| ## | 0.190380516 | 0.212209454 | 0.597329438 | 0.193537470 | 0.569703526 | 0.201339775 |

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| ## | 145178      | 145180      | 145183      | 145188      | 145191      | 145212      |
| ## | 0.161904944 | 0.498647257 | 0.204306224 | 0.203746985 | 0.157874290 | 0.217870681 |
| ## | 145222      | 145223      | 145231      | 145234      | 145236      | 145242      |
| ## | 0.604770061 | 0.202548777 | 0.208144483 | 0.190247855 | 0.550497526 | 0.209728597 |
| ## | 145244      | 145258      | 145259      | 145260      | 145262      | 145266      |
| ## | 0.175964873 | 0.193370838 | 0.195706119 | 0.195706119 | 0.106703431 | 0.106703431 |
| ## | 145273      | 145274      | 145279      | 145282      | 145285      | 145289      |
| ## | 0.195706119 | 0.195706119 | 0.106703431 | 0.106703431 | 0.106703431 | 0.106703431 |
| ## | 145295      | 145306      | 145309      | 145314      | 145315      | 145326      |
| ## | 0.106703431 | 0.106703431 | 0.106703431 | 0.126027041 | 0.438326271 | 0.103952332 |
| ## | 145327      | 145340      | 145341      | 145357      | 145366      | 145382      |
| ## | 0.370628929 | 0.102853289 | 0.172784173 | 0.173776825 | 0.113381405 | 0.154213305 |
| ## | 145386      | 145391      | 145394      | 145400      | 145402      | 145404      |
| ## | 0.098594801 | 0.178283827 | 0.178283827 | 0.158318355 | 0.179457372 | 0.541282104 |
| ## | 145405      | 145409      | 145416      | 145418      | 145450      | 145459      |
| ## | 0.526921007 | 0.089983508 | 0.163437760 | 0.040376362 | 0.167917003 | 0.181443802 |
| ## | 145463      | 145465      | 145469      | 145470      | 145473      | 145489      |
| ## | 0.167555908 | 0.169644996 | 0.151711290 | 0.151711290 | 0.435971328 | 0.081483768 |
| ## | 145496      | 145501      | 145505      | 145507      | 145508      | 145509      |
| ## | 0.053359816 | 0.165925088 | 0.200478971 | 0.200478971 | 0.069025490 | 0.107636777 |
| ## | 145520      | 145522      | 145526      | 145530      | 145533      | 145534      |
| ## | 0.205551011 | 0.203127924 | 0.127657721 | 0.271337928 | 0.106415664 | 0.414388286 |
| ## | 145541      | 145546      | 145547      | 145551      | 145564      | 145565      |
| ## | 0.171985149 | 0.274294606 | 0.274294606 | 0.271337928 | 0.192488372 | 0.104758442 |
| ## | 145570      | 145574      | 145591      | 145604      | 145606      | 145608      |
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| ## | 145614      | 145617      | 145621      | 145622      | 145626      | 145633      |
| ## | 0.182475532 | 0.141534850 | 0.155772038 | 0.071477237 | 0.097942352 | 0.097942352 |
| ## | 145634      | 145641      | 145644      | 145645      | 145664      | 145669      |
| ## | 0.545381136 | 0.181118978 | 0.097942352 | 0.178919039 | 0.139987651 | 0.189683718 |
| ## | 145687      | 145688      | 145689      | 145695      | 145696      | 145699      |
| ## | 0.128190476 | 0.437560531 | 0.129865324 | 0.437560531 | 0.129865324 | 0.422607028 |
| ## | 145711      | 145715      | 145723      | 145734      | 145736      | 145745      |
| ## | 0.181118978 | 0.480461764 | 0.096399914 | 0.075235999 | 0.125748911 | 0.151774543 |
| ## | 145749      | 145756      | 145757      | 145769      | 145773      | 145774      |
| ## | 0.136648816 | 0.136648816 | 0.136648816 | 0.138416630 | 0.088215941 | 0.363872959 |
| ## | 145775      | 145776      | 145777      | 145783      | 145785      | 145788      |
| ## | 0.072045289 | 0.027527899 | 0.073901909 | 0.063577712 | 0.098356862 | 0.045242476 |
| ## | 145802      | 145809      | 145818      | 145820      | 145827      | 145840      |
| ## | 0.297336226 | 0.093063458 | 0.092947360 | 0.303795913 | 0.089907670 | 0.064180769 |
| ## | 145842      | 145845      | 145851      | 145852      | 145853      | 145855      |
| ## | 0.137164439 | 0.054183035 | 0.167528141 | 0.165459926 | 0.089907670 | 0.076966212 |
| ## | 145861      | 145863      | 145870      | 145874      | 145877      | 145879      |
| ## | 0.084442762 | 0.154744826 | 0.064233876 | 0.050460422 | 0.088031857 | 0.167341083 |
| ## | 145880      | 145886      | 145887      | 145890      | 145896      | 145901      |
| ## | 0.037962962 | 0.072289125 | 0.069629195 | 0.096175998 | 0.082781050 | 0.102284923 |
| ## | 145903      | 145909      | 145910      | 145917      | 145919      | 145925      |
| ## | 0.051485371 | 0.161173786 | 0.092136498 | 0.155422888 | 0.398348450 | 0.061315504 |
| ## | 145928      | 145933      | 145948      | 145950      | 145957      | 145959      |
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| ## | 145972      | 145974      | 145981      | 145985      | 145988      | 145992      |
| ## | 0.095612670 | 0.619782915 | 0.213215465 | 0.204921784 | 0.203321082 | 0.098008278 |
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| ## | 0.595113088 | 0.219953403 | 0.208049309 | 0.233864994 | 0.216308330 | 0.581973169 |

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| ## | 146023      | 146026      | 146030      | 146033      | 146042      | 146046      |
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| ## | 0.276607839 | 0.160035792 | 0.279599907 | 0.279599907 | 0.160035792 | 0.279599907 |
| ## | 146067      | 146069      | 146070      | 146078      | 146087      | 146097      |
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| ## | 146099      | 146111      | 146114      | 146120      | 146122      | 146133      |
| ## | 0.669214504 | 0.279599907 | 0.279599907 | 0.279599907 | 0.279599907 | 0.244672910 |
| ## | 146135      | 146153      | 146161      | 146182      | 146186      | 146187      |
| ## | 0.241929085 | 0.155154976 | 0.551644430 | 0.155712031 | 0.640673923 | 0.250602537 |
| ## | 146197      | 146207      | 146208      | 146214      | 146217      | 146218      |
| ## | 0.233618686 | 0.279599907 | 0.276607839 | 0.279599907 | 0.276607839 | 0.276607839 |
| ## | 146224      | 146239      | 146242      | 146244      | 146251      | 146258      |
| ## | 0.160035792 | 0.276607839 | 0.279599907 | 0.276607839 | 0.279599907 | 0.279599907 |
| ## | 146265      | 146266      | 146276      | 146278      | 146284      | 146294      |
| ## | 0.279599907 | 0.513418491 | 0.139786514 | 0.109842514 | 0.208451532 | 0.587662544 |
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| ## | 146339      | 146344      | 146347      | 146353      | 146358      | 146361      |
| ## | 0.173677388 | 0.566039942 | 0.205465642 | 0.074967281 | 0.101650757 | 0.061913329 |
| ## | 146365      | 146367      | 146373      | 146374      | 146382      | 146383      |
| ## | 0.209303821 | 0.209303821 | 0.131322743 | 0.129631899 | 0.087798302 | 0.113985733 |
| ## | 146386      | 146395      | 146396      | 146398      | 146402      | 146405      |
| ## | 0.164870396 | 0.183158139 | 0.185398432 | 0.183158139 | 0.092893306 | 0.113985733 |
| ## | 146407      | 146410      | 146412      | 146418      | 146424      | 146429      |
| ## | 0.087869116 | 0.164870396 | 0.133175063 | 0.081476134 | 0.075148981 | 0.189017450 |
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| ## | 0.180529813 | 0.429494876 | 0.213542976 | 0.192863567 | 0.193251339 | 0.209500735 |
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| ## | 0.202499286 | 0.113489188 | 0.189066887 | 0.105129145 | 0.202901633 | 0.566582475 |
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| ## | 0.533183791 | 0.202915325 | 0.185862949 | 0.576614165 | 0.578785105 | 0.213548327 |
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| ## | 146614      | 146615      | 146626      | 146628      | 146630      | 146632      |
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| ## | 146639      | 146641      | 146644      | 146658      | 146674      | 146675      |
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| ## | 146677      | 146678      | 146681      | 146685      | 146692      | 146698      |
| ## | 0.200700708 | 0.117291951 | 0.111511505 | 0.199669540 | 0.195544853 | 0.220374115 |
| ## | 146702      | 146705      | 146710      | 146713      | 146718      | 146723      |
| ## | 0.121111210 | 0.208432292 | 0.189017450 | 0.204945086 | 0.563357591 | 0.121775194 |
| ## | 146731      | 146734      | 146738      | 146747      | 146763      | 146766      |
| ## | 0.174247296 | 0.072869057 | 0.152889138 | 0.157680594 | 0.137051908 | 0.119272833 |
| ## | 146771      | 146780      | 146783      | 146786      | 146789      | 146795      |
| ## | 0.490501848 | 0.148274212 | 0.163262827 | 0.096812253 | 0.155711211 | 0.511764734 |
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| ## | 0.169943804 | 0.169943804 | 0.340684139 | 0.161237070 | 0.161237070 | 0.148128451 |
| ## | 146827      | 146830      | 146832      | 146846      | 146858      | 146864      |
| ## | 0.155711211 | 0.063878848 | 0.084161491 | 0.157680594 | 0.148841613 | 0.146963365 |

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| ## | 146868      | 146887      | 146894      | 146901      | 146902      | 146905      |
| ## | 0.146963365 | 0.079056914 | 0.145327225 | 0.134892102 | 0.140530560 | 0.085357919 |
| ## | 146915      | 146916      | 146919      | 146923      | 146926      | 146927      |
| ## | 0.157749581 | 0.159739866 | 0.150010896 | 0.158467950 | 0.147599510 | 0.141594992 |
| ## | 146930      | 146935      | 146937      | 146939      | 146940      | 146941      |
| ## | 0.125030201 | 0.139826087 | 0.113173203 | 0.134820345 | 0.140899162 | 0.144517371 |
| ## | 146947      | 146952      | 146953      | 146954      | 146964      | 146971      |
| ## | 0.150970325 | 0.423847030 | 0.074177324 | 0.146963365 | 0.059923965 | 0.146963365 |
| ## | 146972      | 146982      | 146983      | 146984      | 146988      | 147007      |
| ## | 0.148841613 | 0.148841613 | 0.148841613 | 0.079056914 | 0.148841613 | 0.088827431 |
| ## | 147012      | 147017      | 147021      | 147023      | 147025      | 147026      |
| ## | 0.192943935 | 0.082098078 | 0.197022751 | 0.570425695 | 0.570425695 | 0.075547709 |
| ## | 147028      | 147029      | 147030      | 147032      | 147033      | 147035      |
| ## | 0.096421459 | 0.369076556 | 0.098037248 | 0.098037248 | 0.058044799 | 0.121082035 |
| ## | 147036      | 147046      | 147049      | 147053      | 147055      | 147058      |
| ## | 0.122677078 | 0.130381750 | 0.130381750 | 0.443659746 | 0.122677078 | 0.122677078 |
| ## | 147061      | 147068      | 147074      | 147082      | 147086      | 147089      |
| ## | 0.121082035 | 0.130381750 | 0.452178163 | 0.069512717 | 0.434259201 | 0.130381750 |
| ## | 147102      | 147103      | 147108      | 147109      | 147110      | 147112      |
| ## | 0.182856788 | 0.182856788 | 0.108053364 | 0.154621594 | 0.078380409 | 0.095846837 |
| ## | 147113      | 147118      | 147127      | 147129      | 147133      | 147138      |
| ## | 0.107561853 | 0.184809524 | 0.418331392 | 0.154552668 | 0.090177350 | 0.106583541 |
| ## | 147139      | 147142      | 147145      | 147150      | 147154      | 147156      |
| ## | 0.106583541 | 0.173225783 | 0.110979677 | 0.157464094 | 0.147288930 | 0.154910260 |
| ## | 147169      | 147170      | 147175      | 147178      | 147189      | 147192      |
| ## | 0.499676935 | 0.093846063 | 0.089403199 | 0.116490288 | 0.118188555 | 0.124788089 |
| ## | 147202      | 147203      | 147205      | 147210      | 147215      | 147231      |
| ## | 0.151858996 | 0.163942480 | 0.112867501 | 0.153788531 | 0.501933677 | 0.665222982 |
| ## | 147232      | 147244      | 147246      | 147252      | 147253      | 147258      |
| ## | 0.196845989 | 0.208192984 | 0.698976992 | 0.694547412 | 0.701480511 | 0.280265049 |
| ## | 147260      | 147261      | 147263      | 147268      | 147269      | 147270      |
| ## | 0.672875820 | 0.286616866 | 0.286616866 | 0.658894828 | 0.267447412 | 0.678378998 |
| ## | 147271      | 147276      | 147279      | 147282      | 147287      | 147291      |
| ## | 0.604501560 | 0.214759609 | 0.560176919 | 0.700137562 | 0.268128294 | 0.304701474 |
| ## | 147293      | 147295      | 147300      | 147301      | 147304      | 147308      |
| ## | 0.709947067 | 0.174303600 | 0.671012451 | 0.281289416 | 0.597702107 | 0.639395215 |
| ## | 147311      | 147314      | 147328      | 147331      | 147338      | 147351      |
| ## | 0.194978867 | 0.674747095 | 0.291773013 | 0.593707570 | 0.310844113 | 0.304208699 |
| ## | 147354      | 147357      | 147360      | 147367      | 147379      | 147385      |
| ## | 0.304099551 | 0.307262686 | 0.709777898 | 0.723849400 | 0.690108787 | 0.323624258 |
| ## | 147398      | 147400      | 147402      | 147403      | 147408      | 147413      |
| ## | 0.687845493 | 0.300897593 | 0.300897593 | 0.300897593 | 0.698522139 | 0.695216744 |
| ## | 147418      | 147419      | 147423      | 147431      | 147435      | 147439      |
| ## | 0.295561196 | 0.695406407 | 0.186847513 | 0.159514983 | 0.625000977 | 0.561365024 |
| ## | 147450      | 147455      | 147461      | 147464      | 147467      | 147470      |
| ## | 0.687854263 | 0.334924998 | 0.720531593 | 0.285058289 | 0.568637561 | 0.196518636 |
| ## | 147472      | 147479      | 147482      | 147483      | 147492      | 147495      |
| ## | 0.213110591 | 0.272540382 | 0.308716576 | 0.279654916 | 0.658170874 | 0.263099102 |
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| ## | 0.650209445 | 0.694988386 | 0.575170254 | 0.207540483 | 0.295340942 | 0.700733551 |
| ## | 147517      | 147518      | 147523      | 147529      | 147545      | 147562      |
| ## | 0.293147738 | 0.307381656 | 0.281598550 | 0.273574707 | 0.266367119 | 0.228353336 |
| ## | 147565      | 147568      | 147578      | 147579      | 147580      | 147588      |
| ## | 0.309490708 | 0.281782114 | 0.306565856 | 0.288702882 | 0.701039400 | 0.696392924 |

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| ## | 147592      | 147598      | 147604      | 147605      | 147609      | 147613      |
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| ## | 147616      | 147627      | 147631      | 147650      | 147652      | 147660      |
| ## | 0.300538435 | 0.312102653 | 0.275832242 | 0.710111905 | 0.300897593 | 0.723346300 |
| ## | 147663      | 147667      | 147678      | 147680      | 147685      | 147695      |
| ## | 0.219704324 | 0.720204057 | 0.315611277 | 0.716970644 | 0.699343749 | 0.655450322 |
| ## | 147701      | 147702      | 147710      | 147721      | 147722      | 147724      |
| ## | 0.298583154 | 0.298583154 | 0.304050617 | 0.334924998 | 0.338252919 | 0.334924998 |
| ## | 147727      | 147735      | 147736      | 147745      | 147747      | 147755      |
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| ## | 0.222364544 | 0.091148498 | 0.201892487 | 0.199501697 | 0.199501697 | 0.199501697 |
| ## | 147783      | 147789      | 147802      | 147807      | 147809      | 147811      |
| ## | 0.199501697 | 0.199501697 | 0.287921179 | 0.287921179 | 0.287921179 | 0.290986398 |
| ## | 147813      | 147820      | 147821      | 147822      | 147825      | 147839      |
| ## | 0.290986398 | 0.674276491 | 0.674276491 | 0.167686513 | 0.674276491 | 0.432383171 |
| ## | 147841      | 147846      | 147856      | 147858      | 147872      | 147874      |
| ## | 0.118535407 | 0.681458676 | 0.290986398 | 0.287921179 | 0.167594273 | 0.313613462 |
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| ## | 0.147925741 | 0.258390230 | 0.261256408 | 0.119471557 | 0.710373921 | 0.734160955 |
| ## | 147923      | 147924      | 147927      | 147937      | 147938      | 147942      |
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| ## | 147943      | 147948      | 147959      | 147962      | 147978      | 147984      |
| ## | 0.192708910 | 0.800841613 | 0.814165506 | 0.795543571 | 0.814165506 | 0.795543571 |
| ## | 147987      | 147992      | 147993      | 147998      | 148002      | 148003      |
| ## | 0.274674542 | 0.435481996 | 0.435481996 | 0.274674542 | 0.431821705 | 0.682610022 |
| ## | 148008      | 148012      | 148014      | 148016      | 148018      | 148021      |
| ## | 0.219481998 | 0.435481996 | 0.435481996 | 0.795543571 | 0.435481996 | 0.435481996 |
| ## | 148029      | 148032      | 148050      | 148051      | 148053      | 148060      |
| ## | 0.435481996 | 0.435481996 | 0.435481996 | 0.435481996 | 0.814165506 | 0.274674542 |
| ## | 148063      | 148071      | 148075      | 148076      | 148079      | 148087      |
| ## | 0.435481996 | 0.274674542 | 0.795543571 | 0.431821705 | 0.435481996 | 0.814165506 |
| ## | 148095      | 148102      | 148128      | 148130      | 148153      | 148154      |
| ## | 0.219481998 | 0.219481998 | 0.261852574 | 0.274915397 | 0.329327666 | 0.329327666 |
| ## | 148161      | 148168      | 148170      | 148173      | 148179      | 148182      |
| ## | 0.737120008 | 0.171207206 | 0.621729095 | 0.243018844 | 0.698819986 | 0.449151068 |
| ## | 148184      | 148189      | 148191      | 148193      | 148202      | 148206      |
| ## | 0.135265512 | 0.630041852 | 0.162564635 | 0.285503959 | 0.585400404 | 0.212015536 |
| ## | 148207      | 148211      | 148213      | 148218      | 148220      | 148222      |
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| ## | 0.435481996 | 0.435481996 | 0.274674542 | 0.435481996 | 0.682610022 | 0.435481996 |
| ## | 148294      | 148295      | 148297      | 148303      | 148318      | 148324      |
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| ## | 148330      | 148331      | 148334      | 148335      | 148338      | 148341      |
| ## | 0.532644012 | 0.736061692 | 0.151820130 | 0.329327666 | 0.326044293 | 0.326044293 |
| ## | 148343      | 148348      | 148350      | 148357      | 148363      | 148370      |
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| ## | 148371      | 148382      | 148391      | 148394      | 148400      | 148406      |
| ## | 0.218708811 | 0.312783899 | 0.283229281 | 0.694921641 | 0.114192167 | 0.258390230 |
| ## | 148409      | 148411      | 148412      | 148416      | 148419      | 148422      |
| ## | 0.258390230 | 0.147925741 | 0.258390230 | 0.667606067 | 0.672819110 | 0.206632775 |
| ## | 148424      | 148428      | 148429      | 148442      | 148455      | 148460      |
| ## | 0.149089765 | 0.290898635 | 0.169716942 | 0.710373921 | 0.814165506 | 0.795543571 |

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| ## | 148464      | 148470      | 148474      | 148476      | 148482      | 148486      |
| ## | 0.814165506 | 0.435481996 | 0.435481996 | 0.795543571 | 0.431821705 | 0.814165506 |
| ## | 148488      | 148497      | 148521      | 148529      | 148534      | 148538      |
| ## | 0.274674542 | 0.682610022 | 0.431821705 | 0.435481996 | 0.431821705 | 0.435481996 |
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| ## | 0.814165506 | 0.435481996 | 0.811900016 | 0.232972301 | 0.090574740 | 0.122995944 |
| ## | 148596      | 148601      | 148604      | 148607      | 148610      | 148616      |
| ## | 0.122995944 | 0.095250646 | 0.161423403 | 0.203231037 | 0.089414697 | 0.163451044 |
| ## | 148624      | 148625      | 148629      | 148632      | 148633      | 148636      |
| ## | 0.561628385 | 0.102314164 | 0.431600469 | 0.507712613 | 0.471947982 | 0.104485910 |
| ## | 148638      | 148642      | 148645      | 148647      | 148649      | 148674      |
| ## | 0.192841315 | 0.106379937 | 0.186037819 | 0.168664385 | 0.102103762 | 0.202454669 |
| ## | 148683      | 148684      | 148695      | 148696      | 148697      | 148701      |
| ## | 0.119739125 | 0.171923018 | 0.185137195 | 0.130421844 | 0.169842330 | 0.184556352 |
| ## | 148703      | 148706      | 148708      | 148710      | 148711      | 148727      |
| ## | 0.099993915 | 0.101876275 | 0.185436831 | 0.185436831 | 0.185436831 | 0.230319679 |
| ## | 148733      | 148744      | 148745      | 148747      | 148748      | 148749      |
| ## | 0.129755977 | 0.078029513 | 0.557418927 | 0.103208863 | 0.130844347 | 0.431600469 |
| ## | 148750      | 148756      | 148768      | 148770      | 148775      | 148776      |
| ## | 0.431600469 | 0.193727031 | 0.188077586 | 0.185027546 | 0.341445667 | 0.198572590 |
| ## | 148792      | 148808      | 148816      | 148817      | 148821      | 148823      |
| ## | 0.159069272 | 0.472258544 | 0.134057900 | 0.135797467 | 0.450274664 | 0.073828733 |
| ## | 148827      | 148828      | 148836      | 148840      | 148845      | 148851      |
| ## | 0.138487803 | 0.136719225 | 0.079783515 | 0.148213641 | 0.121153614 | 0.094792311 |
| ## | 148859      | 148862      | 148872      | 148875      | 148889      | 148891      |
| ## | 0.160159826 | 0.154707051 | 0.679390725 | 0.513093640 | 0.679390725 | 0.292738661 |
| ## | 148894      | 148899      | 148903      | 148904      | 148907      | 148913      |
| ## | 0.292738661 | 0.292738661 | 0.283043540 | 0.283043540 | 0.270624219 | 0.184374792 |
| ## | 148923      | 148924      | 148926      | 148931      | 148937      | 148942      |
| ## | 0.312088523 | 0.315297106 | 0.312088523 | 0.312088523 | 0.057717782 | 0.666557632 |
| ## | 148948      | 148953      | 148956      | 148958      | 148965      | 148970      |
| ## | 0.678710685 | 0.651302072 | 0.292738661 | 0.292738661 | 0.679390725 | 0.283043540 |
| ## | 148975      | 148978      | 148981      | 148992      | 148993      | 148999      |
| ## | 0.591318815 | 0.279670869 | 0.279670869 | 0.341139774 | 0.344497459 | 0.102354329 |
| ## | 149005      | 149007      | 149011      | 149012      | 149021      | 149022      |
| ## | 0.237795798 | 0.186192741 | 0.181445326 | 0.181445326 | 0.149515054 | 0.116811998 |
| ## | 149025      | 149028      | 149030      | 149032      | 149033      | 149038      |
| ## | 0.185279640 | 0.080540881 | 0.253425613 | 0.112154367 | 0.073409151 | 0.341139774 |
| ## | 149039      | 149065      | 149074      | 149080      | 149085      | 149092      |
| ## | 0.205081817 | 0.415722297 | 0.405246924 | 0.093056111 | 0.122064310 | 0.049851058 |
| ## | 149099      | 149102      | 149118      | 149119      | 149130      | 149134      |
| ## | 0.485371334 | 0.477238370 | 0.147974971 | 0.052342676 | 0.416575488 | 0.384258557 |
| ## | 149135      | 149141      | 149142      | 149145      | 149146      | 149151      |
| ## | 0.161807281 | 0.077480431 | 0.144244846 | 0.047682739 | 0.047682739 | 0.144084151 |
| ## | 149157      | 149158      | 149164      | 149174      | 149180      | 149184      |
| ## | 0.163838803 | 0.161807281 | 0.146843155 | 0.079137458 | 0.032941154 | 0.114768923 |
| ## | 149185      | 149186      | 149193      | 149196      | 149203      | 149205      |
| ## | 0.043424791 | 0.113263427 | 0.045579323 | 0.135750515 | 0.450175620 | 0.029068811 |
| ## | 149213      | 149216      | 149221      | 149231      | 149261      | 149262      |
| ## | 0.135750515 | 0.052131636 | 0.071587381 | 0.091613203 | 0.080041995 | 0.150554088 |
| ## | 149271      | 149273      | 149282      | 149283      | 149297      | 149298      |
| ## | 0.097839465 | 0.092598044 | 0.109989986 | 0.142833785 | 0.479812278 | 0.150347725 |
| ## | 149300      | 149303      | 149305      | 149306      | 149319      | 149322      |
| ## | 0.475482027 | 0.103412648 | 0.135740842 | 0.139597954 | 0.091613203 | 0.069671337 |



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| ## | 149324      | 149329      | 149330      | 149335      | 149342      | 149345      |
| ## | 0.091613203 | 0.126502320 | 0.094120051 | 0.160944413 | 0.092598044 | 0.139258340 |
| ## | 149347      | 149354      | 149358      | 149369      | 149370      | 149371      |
| ## | 0.068768303 | 0.358757656 | 0.074796383 | 0.147353543 | 0.145490864 | 0.085447965 |
| ## | 149372      | 149373      | 149376      | 149380      | 149384      | 149385      |
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| ## | 149389      | 149394      | 149395      | 149406      | 149407      | 149408      |
| ## | 0.166529114 | 0.166529114 | 0.161500548 | 0.164316791 | 0.164316791 | 0.147340573 |
| ## | 149412      | 149421      | 149423      | 149424      | 149432      | 149438      |
| ## | 0.135109091 | 0.093537644 | 0.165155263 | 0.166529114 | 0.148726623 | 0.097308910 |
| ## | 149445      | 149446      | 149448      | 149451      | 149453      | 149454      |
| ## | 0.145157936 | 0.147017086 | 0.147017086 | 0.149682556 | 0.156487190 | 0.156487190 |
| ## | 149456      | 149458      | 149461      | 149462      | 149463      | 149465      |
| ## | 0.149892355 | 0.175753357 | 0.158540892 | 0.505421102 | 0.175829440 | 0.535871339 |
| ## | 149468      | 149473      | 149481      | 149496      | 149505      | 149512      |
| ## | 0.105082387 | 0.193025112 | 0.480016964 | 0.251179082 | 0.246237477 | 0.116725738 |
| ## | 149523      | 149532      | 149535      | 149539      | 149540      | 149553      |
| ## | 0.152883208 | 0.080199389 | 0.170320213 | 0.191119468 | 0.105329348 | 0.203012721 |
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| ## | 0.555965802 | 0.146605966 | 0.119125383 | 0.101351630 | 0.103163690 | 0.159715493 |
| ## | 149586      | 149589      | 149590      | 149593      | 149595      | 149596      |
| ## | 0.196017632 | 0.203177929 | 0.071074150 | 0.175794578 | 0.562597797 | 0.560682803 |
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| ## | 0.082398336 | 0.159874073 | 0.098218425 | 0.524946809 | 0.100269427 | 0.185016961 |
| ## | 149631      | 149636      | 149642      | 149643      | 149646      | 149651      |
| ## | 0.558295519 | 0.463124815 | 0.181999457 | 0.088590786 | 0.386019655 | 0.179237790 |
| ## | 149657      | 149658      | 149662      | 149669      | 149681      | 149686      |
| ## | 0.072542293 | 0.179646488 | 0.089876310 | 0.177204821 | 0.196451051 | 0.189551628 |
| ## | 149687      | 149693      | 149702      | 149705      | 149711      | 149714      |
| ## | 0.091549543 | 0.170322221 | 0.516927589 | 0.091549543 | 0.168226482 | 0.458785856 |
| ## | 149716      | 149717      | 149718      | 149720      | 149731      | 149733      |
| ## | 0.439028288 | 0.442358446 | 0.431835093 | 0.351799549 | 0.195158357 | 0.558295519 |
| ## | 149738      | 149743      | 149747      | 149750      | 149756      | 149758      |
| ## | 0.192828045 | 0.150256210 | 0.076362168 | 0.110242934 | 0.047072953 | 0.436573636 |
| ## | 149782      | 149787      | 149793      | 149802      | 149806      | 149810      |
| ## | 0.107154720 | 0.391639619 | 0.544227193 | 0.150732336 | 0.334377412 | 0.282098435 |
| ## | 149823      | 149824      | 149825      | 149826      | 149834      | 149837      |
| ## | 0.276518380 | 0.279509855 | 0.276518380 | 0.279509855 | 0.298849845 | 0.304326594 |
| ## | 149840      | 149842      | 149844      | 149845      | 149848      | 149852      |
| ## | 0.301180544 | 0.293327956 | 0.291413127 | 0.288345241 | 0.223242181 | 0.280260219 |
| ## | 149856      | 149871      | 149875      | 149888      | 149892      | 149895      |
| ## | 0.675389766 | 0.135306325 | 0.179180135 | 0.307805838 | 0.139485949 | 0.304639571 |
| ## | 149905      | 149906      | 149913      | 149923      | 149939      | 149945      |
| ## | 0.295014368 | 0.264809366 | 0.304256452 | 0.209620804 | 0.200197002 | 0.200197002 |
| ## | 149946      | 149951      | 149966      | 149968      | 149969      | 149971      |
| ## | 0.140161059 | 0.279509855 | 0.298849845 | 0.298849845 | 0.298849845 | 0.162922120 |
| ## | 149982      | 149987      | 149989      | 149991      | 149994      | 149996      |
| ## | 0.296426774 | 0.652235303 | 0.223242181 | 0.218980257 | 0.293211989 | 0.195934928 |
| ## | 149997      | 149998      | 150000      | 150010      | 150012      | 150029      |
| ## | 0.664388833 | 0.267391848 | 0.282093096 | 0.304256452 | 0.304256452 | 0.702491212 |
| ## | 150037      | 150043      | 150045      | 150052      | 150054      | 150064      |
| ## | 0.092847382 | 0.520798666 | 0.172524693 | 0.092847382 | 0.092847382 | 0.068849245 |
| ## | 150066      | 150068      | 150075      | 150077      | 150083      | 150088      |
| ## | 0.160875031 | 0.290726909 | 0.394312360 | 0.067400346 | 0.093224897 | 0.057661173 |

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| ## | 150090      | 150097      | 150100      | 150111      | 150123      | 150129      |
| ## | 0.059607670 | 0.172524693 | 0.170407421 | 0.090557407 | 0.059074323 | 0.428771983 |
| ## | 150136      | 150139      | 150141      | 150143      | 150147      | 150156      |
| ## | 0.167397448 | 0.137276583 | 0.352573650 | 0.083104865 | 0.087736759 | 0.167418569 |
| ## | 150159      | 150163      | 150168      | 150171      | 150179      | 150182      |
| ## | 0.096270644 | 0.292425577 | 0.196470035 | 0.196470035 | 0.314452566 | 0.070285832 |
| ## | 150189      | 150192      | 150228      | 150230      | 150231      | 150239      |
| ## | 0.080878816 | 0.037600092 | 0.069318157 | 0.119824964 | 0.063524375 | 0.106511078 |
| ## | 150245      | 150250      | 150252      | 150261      | 150264      | 150267      |
| ## | 0.072386440 | 0.106623535 | 0.065379369 | 0.084278828 | 0.050252013 | 0.040301714 |
| ## | 150268      | 150269      | 150272      | 150275      | 150297      | 150302      |
| ## | 0.073105246 | 0.067048627 | 0.067048627 | 0.127703277 | 0.202755145 | 0.219742184 |
| ## | 150305      | 150318      | 150326      | 150327      | 150328      | 150337      |
| ## | 0.235037261 | 0.215744908 | 0.343135804 | 0.343135804 | 0.339784511 | 0.339784511 |
| ## | 150338      | 150340      | 150348      | 150351      | 150357      | 150359      |
| ## | 0.154628341 | 0.204099636 | 0.339784511 | 0.154628341 | 0.339784511 | 0.339784511 |
| ## | 150360      | 150363      | 150375      | 150376      | 150381      | 150391      |
| ## | 0.339784511 | 0.339784511 | 0.343135804 | 0.731398698 | 0.739131448 | 0.343135804 |
| ## | 150395      | 150396      | 150397      | 150399      | 150404      | 150409      |
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| ## | 150412      | 150415      | 150423      | 150424      | 150425      | 150431      |
| ## | 0.204099636 | 0.204099636 | 0.339784511 | 0.339784511 | 0.339784511 | 0.343135804 |
| ## | 150437      | 150449      | 150452      | 150457      | 150458      | 150459      |
| ## | 0.343135804 | 0.219615291 | 0.230083458 | 0.227457353 | 0.227457353 | 0.227457353 |
| ## | 150461      | 150463      | 150466      | 150470      | 150484      | 150486      |
| ## | 0.227457353 | 0.175160671 | 0.175160671 | 0.220284645 | 0.313905950 | 0.352996499 |
| ## | 150489      | 150492      | 150495      | 150499      | 150503      | 150504      |
| ## | 0.333343095 | 0.747407171 | 0.345869220 | 0.317941925 | 0.317941925 | 0.317941925 |
| ## | 150506      | 150511      | 150515      | 150518      | 150536      | 150541      |
| ## | 0.354595334 | 0.254797348 | 0.214555904 | 0.350874404 | 0.335652418 | 0.335652418 |
| ## | 150545      | 150546      | 150547      | 150548      | 150550      | 150554      |
| ## | 0.338983882 | 0.712826901 | 0.322582656 | 0.296790589 | 0.323224975 | 0.751100110 |
| ## | 150555      | 150559      | 150560      | 150567      | 150574      | 150577      |
| ## | 0.354063345 | 0.357479216 | 0.357479216 | 0.354063345 | 0.345328874 | 0.170963597 |
| ## | 150579      | 150588      | 150593      | 150598      | 150599      | 150604      |
| ## | 0.260645163 | 0.337582204 | 0.299092530 | 0.297283545 | 0.297283545 | 0.129750349 |
| ## | 150614      | 150618      | 150619      | 150621      | 150634      | 150643      |
| ## | 0.363801303 | 0.758522458 | 0.367257706 | 0.367257706 | 0.363801303 | 0.357350184 |
| ## | 150647      | 150649      | 150655      | 150657      | 150659      | 150668      |
| ## | 0.331510747 | 0.370477434 | 0.370477434 | 0.370477434 | 0.370477434 | 0.330923404 |
| ## | 150670      | 150672      | 150677      | 150687      | 150691      | 150693      |
| ## | 0.748223239 | 0.748223239 | 0.333774119 | 0.122039496 | 0.711746615 | 0.335002958 |
| ## | 150694      | 150700      | 150702      | 150704      | 150717      | 150718      |
| ## | 0.335002958 | 0.335652418 | 0.335652418 | 0.331463655 | 0.326357840 | 0.192131490 |
| ## | 150720      | 150723      | 150730      | 150733      | 150741      | 150742      |
| ## | 0.323052017 | 0.489209171 | 0.489209171 | 0.492933882 | 0.489209171 | 0.489209171 |
| ## | 150743      | 150758      | 150769      | 150778      | 150789      | 150790      |
| ## | 0.492933882 | 0.492933882 | 0.492933882 | 0.492933882 | 0.492933882 | 0.492933882 |
| ## | 150791      | 150796      | 150797      | 150800      | 150802      | 150808      |
| ## | 0.492933882 | 0.492933882 | 0.489209171 | 0.492933882 | 0.492933882 | 0.323052017 |
| ## | 150815      | 150818      | 150822      | 150823      | 150828      | 150845      |
| ## | 0.489209171 | 0.492933882 | 0.489209171 | 0.489209171 | 0.323052017 | 0.492933882 |
| ## | 150847      | 150852      | 150855      | 150881      | 150884      | 150893      |
| ## | 0.323052017 | 0.489209171 | 0.489209171 | 0.492933882 | 0.492933882 | 0.329866408 |

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| ## | 150895      | 150899      | 150901      | 150903      | 150914      | 150916      |
| ## | 0.329866408 | 0.344932465 | 0.348307746 | 0.344932465 | 0.755425069 | 0.726760369 |
| ## | 150917      | 150919      | 150921      | 150923      | 150924      | 150936      |
| ## | 0.334533141 | 0.364891827 | 0.361444971 | 0.330317582 | 0.333622687 | 0.742631738 |
| ## | 150941      | 150943      | 150950      | 150954      | 150960      | 150963      |
| ## | 0.647299466 | 0.647299466 | 0.211249809 | 0.228738396 | 0.348472747 | 0.265813154 |
| ## | 150968      | 150970      | 150975      | 150992      | 150993      | 150995      |
| ## | 0.731686846 | 0.331745455 | 0.320979635 | 0.323269382 | 0.340468476 | 0.343823003 |
| ## | 151004      | 151015      | 151019      | 151036      | 151037      | 151042      |
| ## | 0.344020493 | 0.745864308 | 0.337017790 | 0.742987317 | 0.356743150 | 0.319973417 |
| ## | 151046      | 151059      | 151063      | 151071      | 151073      | 151074      |
| ## | 0.338063750 | 0.739205715 | 0.305011044 | 0.300308634 | 0.349831504 | 0.721114740 |
| ## | 151075      | 151079      | 151085      | 151087      | 151088      | 151089      |
| ## | 0.367898388 | 0.224809672 | 0.197283456 | 0.323217374 | 0.326486071 | 0.323217374 |
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| ## | 0.192222031 | 0.192222031 | 0.331672462 | 0.729721250 | 0.303030883 | 0.357567156 |
| ## | 151134      | 151146      | 151147      | 151150      | 151152      | 151153      |
| ## | 0.357567156 | 0.328705489 | 0.332002460 | 0.332002460 | 0.328705489 | 0.196130477 |
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| ## | 0.328376573 | 0.320940729 | 0.283194978 | 0.723303088 | 0.312988646 | 0.238572055 |
| ## | 151184      | 151194      | 151197      | 151198      | 151200      | 151215      |
| ## | 0.355113069 | 0.359865504 | 0.356439480 | 0.216282590 | 0.216282590 | 0.359865504 |
| ## | 151218      | 151229      | 151236      | 151237      | 151239      | 151246      |
| ## | 0.359865504 | 0.334192734 | 0.349721339 | 0.349721339 | 0.823304718 | 0.238471248 |
| ## | 151251      | 151253      | 151255      | 151265      | 151274      | 151281      |
| ## | 0.458392920 | 0.458392920 | 0.462095262 | 0.462095262 | 0.458392920 | 0.345328874 |
| ## | 151282      | 151286      | 151290      | 151298      | 151303      | 151307      |
| ## | 0.345328874 | 0.747074206 | 0.255510695 | 0.399679396 | 0.403260606 | 0.249101098 |
| ## | 151309      | 151310      | 151312      | 151315      | 151319      | 151326      |
| ## | 0.403260606 | 0.403260606 | 0.778885626 | 0.249101098 | 0.403260606 | 0.399679396 |
| ## | 151327      | 151328      | 151329      | 151331      | 151343      | 151345      |
| ## | 0.403260606 | 0.249101098 | 0.192113662 | 0.192113662 | 0.339835820 | 0.707789574 |
| ## | 151348      | 151355      | 151357      | 151364      | 151377      | 151379      |
| ## | 0.338989788 | 0.357217859 | 0.305749069 | 0.345869220 | 0.328377157 | 0.331510747 |
| ## | 151381      | 151384      | 151389      | 151391      | 151397      | 151401      |
| ## | 0.326964496 | 0.358537232 | 0.377979836 | 0.381490171 | 0.377979836 | 0.381490171 |
| ## | 151403      | 151415      | 151425      | 151429      | 151432      | 151449      |
| ## | 0.760049321 | 0.183562259 | 0.727299046 | 0.326347456 | 0.712660637 | 0.177491587 |
| ## | 151455      | 151457      | 151459      | 151461      | 151465      | 151469      |
| ## | 0.660093236 | 0.660093236 | 0.660093236 | 0.264076834 | 0.194955700 | 0.222988640 |
| ## | 151473      | 151474      | 151475      | 151480      | 151492      | 151495      |
| ## | 0.338855151 | 0.349561771 | 0.343305827 | 0.350521359 | 0.351375546 | 0.326444150 |
| ## | 151496      | 151513      | 151514      | 151515      | 151516      | 151528      |
| ## | 0.147562875 | 0.370334541 | 0.366865970 | 0.370334541 | 0.366865970 | 0.245201587 |
| ## | 151529      | 151532      | 151533      | 151540      | 151549      | 151550      |
| ## | 0.139316191 | 0.245201587 | 0.103505510 | 0.245201587 | 0.140233074 | 0.140233074 |
| ## | 151559      | 151562      | 151567      | 151570      | 151584      | 151588      |
| ## | 0.205277758 | 0.157858652 | 0.084264835 | 0.155887458 | 0.215775188 | 0.215775188 |
| ## | 151598      | 151600      | 151602      | 151603      | 151606      | 151610      |
| ## | 0.203623175 | 0.194072989 | 0.556587210 | 0.196414684 | 0.570025434 | 0.575576084 |
| ## | 151611      | 151623      | 151629      | 151640      | 151642      | 151643      |
| ## | 0.206452519 | 0.160521346 | 0.213263931 | 0.084583251 | 0.466087686 | 0.141626855 |
| ## | 151651      | 151657      | 151673      | 151675      | 151676      | 151678      |
| ## | 0.211772636 | 0.190146999 | 0.152932701 | 0.152932701 | 0.205697252 | 0.208142982 |

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| ## | 151681      | 151682      | 151683      | 151687      | 151693      | 151696      |
| ## | 0.205697252 | 0.205697252 | 0.208142982 | 0.200415747 | 0.119870833 | 0.148722215 |
| ## | 151699      | 151707      | 151709      | 151717      | 151726      | 151744      |
| ## | 0.222813557 | 0.222813557 | 0.194260681 | 0.200973184 | 0.199703379 | 0.192925385 |
| ## | 151757      | 151761      | 151768      | 151772      | 151776      | 151777      |
| ## | 0.219929379 | 0.123176328 | 0.219929379 | 0.219929379 | 0.607644348 | 0.219929379 |
| ## | 151781      | 151783      | 151787      | 151789      | 151791      | 151794      |
| ## | 0.222496928 | 0.204500550 | 0.205707326 | 0.196451175 | 0.555882850 | 0.405032573 |
| ## | 151807      | 151820      | 151824      | 151825      | 151842      | 151847      |
| ## | 0.192243302 | 0.208040647 | 0.178195262 | 0.191561190 | 0.581128123 | 0.073310901 |
| ## | 151849      | 151855      | 151869      | 151870      | 151871      | 151874      |
| ## | 0.453858176 | 0.197608295 | 0.082377110 | 0.197608295 | 0.107856547 | 0.107856547 |
| ## | 151876      | 151883      | 151886      | 151887      | 151890      | 151898      |
| ## | 0.197608295 | 0.107856547 | 0.107856547 | 0.107856547 | 0.197608295 | 0.554008321 |
| ## | 151908      | 151912      | 151918      | 151921      | 151925      | 151928      |
| ## | 0.554008321 | 0.554008321 | 0.082377110 | 0.107856547 | 0.107856547 | 0.082377110 |
| ## | 151929      | 151935      | 151942      | 151944      | 151947      | 151950      |
| ## | 0.107856547 | 0.078368187 | 0.152825978 | 0.150715009 | 0.162398144 | 0.094621835 |
| ## | 151954      | 151956      | 151957      | 151960      | 151961      | 151974      |
| ## | 0.182552093 | 0.551457708 | 0.551457708 | 0.551457708 | 0.184786649 | 0.165219827 |
| ## | 151976      | 151978      | 151979      | 151986      | 151991      | 151992      |
| ## | 0.165075881 | 0.166435052 | 0.150674035 | 0.477326234 | 0.204517717 | 0.204517717 |
| ## | 151995      | 151996      | 152007      | 152018      | 152021      | 152022      |
| ## | 0.101070113 | 0.084612840 | 0.179545725 | 0.184014628 | 0.184014628 | 0.184014628 |
| ## | 152023      | 152030      | 152031      | 152032      | 152038      | 152045      |
| ## | 0.184014628 | 0.182265377 | 0.537431701 | 0.537431701 | 0.160086054 | 0.166244802 |
| ## | 152050      | 152053      | 152054      | 152055      | 152057      | 152058      |
| ## | 0.165008968 | 0.165008968 | 0.167719399 | 0.511456633 | 0.493303895 | 0.501526500 |
| ## | 152067      | 152068      | 152076      | 152082      | 152091      | 152094      |
| ## | 0.178219264 | 0.171774363 | 0.353903120 | 0.453297884 | 0.068961778 | 0.096636471 |
| ## | 152099      | 152100      | 152102      | 152109      | 152114      | 152115      |
| ## | 0.134521091 | 0.093881532 | 0.133593157 | 0.202415862 | 0.202415862 | 0.202415862 |
| ## | 152130      | 152145      | 152151      | 152155      | 152157      | 152160      |
| ## | 0.205083843 | 0.276697845 | 0.273725032 | 0.192426374 | 0.404042063 | 0.120547518 |
| ## | 152167      | 152170      | 152172      | 152181      | 152182      | 152183      |
| ## | 0.468896612 | 0.097840992 | 0.094252863 | 0.045751265 | 0.088977002 | 0.184860131 |
| ## | 152187      | 152189      | 152240      | 152241      | 152244      | 152259      |
| ## | 0.112466134 | 0.111151138 | 0.180694709 | 0.099011283 | 0.544671137 | 0.180694709 |
| ## | 152265      | 152269      | 152287      | 152290      | 152299      | 152303      |
| ## | 0.488861597 | 0.489349535 | 0.191541299 | 0.193859794 | 0.096702413 | 0.050471998 |
| ## | 152305      | 152308      | 152314      | 152320      | 152326      | 152329      |
| ## | 0.440525895 | 0.425547727 | 0.428905993 | 0.119390200 | 0.149377839 | 0.069432210 |
| ## | 152331      | 152338      | 152341      | 152350      | 152351      | 152352      |
| ## | 0.070357090 | 0.475829302 | 0.120276427 | 0.075848991 | 0.153331127 | 0.151406303 |
| ## | 152357      | 152359      | 152365      | 152369      | 152374      | 152395      |
| ## | 0.418396945 | 0.138075524 | 0.468076527 | 0.138075524 | 0.138075524 | 0.098543766 |
| ## | 152396      | 152401      | 152402      | 152404      | 152408      | 152416      |
| ## | 0.158611677 | 0.495621919 | 0.156632828 | 0.099429819 | 0.142152485 | 0.141744589 |
| ## | 152417      | 152418      | 152422      | 152424      | 152428      | 152430      |
| ## | 0.466328609 | 0.100648081 | 0.144570340 | 0.084199826 | 0.104785651 | 0.035263738 |
| ## | 152434      | 152436      | 152438      | 152439      | 152446      | 152448      |
| ## | 0.084923490 | 0.157009962 | 0.075796704 | 0.141332538 | 0.141332538 | 0.141332538 |
| ## | 152458      | 152459      | 152465      | 152469      | 152470      | 152472      |
| ## | 0.077512943 | 0.077512943 | 0.405067784 | 0.130784632 | 0.130784632 | 0.138595666 |

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| ## | 152485      | 152495      | 152498      | 152506      | 152515      | 152535      |
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| ## | 0.110590071 | 0.152934914 | 0.200284138 | 0.224284361 | 0.204307993 | 0.191341741 |
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| ## | 0.602020400 | 0.613762029 | 0.203350840 | 0.206890491 | 0.582968278 | 0.202857688 |
| ## | 152600      | 152612      | 152617      | 152618      | 152623      | 152629      |
| ## | 0.592862423 | 0.238727200 | 0.238727200 | 0.133404666 | 0.236029216 | 0.638367396 |
| ## | 152633      | 152634      | 152635      | 152636      | 152638      | 152641      |
| ## | 0.624418566 | 0.185262790 | 0.495535771 | 0.495535771 | 0.195923017 | 0.249151409 |
| ## | 152644      | 152646      | 152649      | 152651      | 152656      | 152658      |
| ## | 0.547920440 | 0.484940733 | 0.484940733 | 0.484940733 | 0.216637744 | 0.216637744 |
| ## | 152671      | 152681      | 152685      | 152689      | 152696      | 152700      |
| ## | 0.613068445 | 0.161660954 | 0.282031564 | 0.161660954 | 0.282031564 | 0.161660954 |
| ## | 152710      | 152711      | 152712      | 152715      | 152730      | 152731      |
| ## | 0.279023552 | 0.161660954 | 0.282031564 | 0.282031564 | 0.161660954 | 0.279023552 |
| ## | 152733      | 152737      | 152740      | 152745      | 152748      | 152754      |
| ## | 0.161660954 | 0.279023552 | 0.279023552 | 0.279023552 | 0.282031564 | 0.279023552 |
| ## | 152755      | 152770      | 152771      | 152773      | 152775      | 152776      |
| ## | 0.279023552 | 0.161660954 | 0.161660954 | 0.279023552 | 0.279023552 | 0.121442193 |
| ## | 152779      | 152780      | 152784      | 152786      | 152788      | 152794      |
| ## | 0.282031564 | 0.161660954 | 0.279023552 | 0.282031564 | 0.282031564 | 0.282031564 |
| ## | 152798      | 152800      | 152802      | 152812      | 152816      | 152817      |
| ## | 0.282031564 | 0.279023552 | 0.279023552 | 0.161660954 | 0.664582485 | 0.279023552 |
| ## | 152826      | 152830      | 152836      | 152842      | 152845      | 152851      |
| ## | 0.279023552 | 0.161660954 | 0.282031564 | 0.161660954 | 0.282031564 | 0.279023552 |
| ## | 152852      | 152854      | 152858      | 152868      | 152872      | 152881      |
| ## | 0.282031564 | 0.279023552 | 0.279023552 | 0.161660954 | 0.161660954 | 0.279023552 |
| ## | 152882      | 152891      | 152895      | 152901      | 152906      | 152920      |
| ## | 0.218824290 | 0.513088678 | 0.170038521 | 0.491245334 | 0.219942366 | 0.115703776 |
| ## | 152932      | 152946      | 152947      | 152960      | 152968      | 152969      |
| ## | 0.167379438 | 0.207438211 | 0.586170925 | 0.053092626 | 0.148543544 | 0.211303438 |
| ## | 152975      | 152978      | 152988      | 152992      | 153000      | 153014      |
| ## | 0.211303438 | 0.586350512 | 0.132702390 | 0.184966402 | 0.166534920 | 0.171781649 |
| ## | 153028      | 153031      | 153035      | 153036      | 153038      | 153047      |
| ## | 0.181095995 | 0.059800998 | 0.589417398 | 0.178022661 | 0.075990104 | 0.119701920 |
| ## | 153055      | 153058      | 153063      | 153067      | 153069      | 153073      |
| ## | 0.194744805 | 0.198126725 | 0.089779365 | 0.117179298 | 0.202246481 | 0.485501469 |
| ## | 153074      | 153077      | 153079      | 153083      | 153086      | 153090      |
| ## | 0.091054386 | 0.215572051 | 0.118870049 | 0.119126321 | 0.207329227 | 0.204890584 |
| ## | 153095      | 153101      | 153106      | 153110      | 153113      | 153116      |
| ## | 0.192805341 | 0.116612194 | 0.117895895 | 0.103433688 | 0.166405653 | 0.132617310 |
| ## | 153118      | 153119      | 153120      | 153121      | 153122      | 153125      |
| ## | 0.187092545 | 0.187092545 | 0.112025088 | 0.204450704 | 0.202037290 | 0.518519499 |
| ## | 153127      | 153136      | 153144      | 153145      | 153146      | 153153      |
| ## | 0.175943286 | 0.206821105 | 0.206151220 | 0.206151220 | 0.194119618 | 0.206372038 |
| ## | 153156      | 153159      | 153160      | 153161      | 153166      | 153174      |
| ## | 0.216546347 | 0.092778440 | 0.193638524 | 0.106867037 | 0.133879970 | 0.188628288 |
| ## | 153175      | 153181      | 153184      | 153189      | 153190      | 153192      |
| ## | 0.107691069 | 0.204855933 | 0.582338113 | 0.565121287 | 0.204855933 | 0.112272979 |
| ## | 153201      | 153202      | 153207      | 153211      | 153214      | 153216      |
| ## | 0.409440874 | 0.581840596 | 0.409440874 | 0.202438953 | 0.098178859 | 0.204869722 |
| ## | 153226      | 153235      | 153237      | 153238      | 153241      | 153251      |
| ## | 0.212457711 | 0.048822598 | 0.166405653 | 0.536401944 | 0.117895895 | 0.213627888 |

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| ## | 153253      | 153255      | 153261      | 153263      | 153268      | 153269      |
| ## | 0.213627888 | 0.117667183 | 0.125224647 | 0.181215103 | 0.048307742 | 0.125073960 |
| ## | 153271      | 153279      | 153282      | 153284      | 153292      | 153293      |
| ## | 0.175943286 | 0.114677351 | 0.072911676 | 0.128998335 | 0.176592289 | 0.112710024 |
| ## | 153294      | 153312      | 153318      | 153319      | 153320      | 153326      |
| ## | 0.136320975 | 0.076435325 | 0.159442100 | 0.159442100 | 0.107757973 | 0.360454641 |
| ## | 153329      | 153333      | 153340      | 153344      | 153346      | 153355      |
| ## | 0.123146868 | 0.219882582 | 0.122398693 | 0.221250484 | 0.218693273 | 0.193087740 |
| ## | 153360      | 153361      | 153365      | 153368      | 153373      | 153378      |
| ## | 0.172332806 | 0.172332806 | 0.201895552 | 0.207960290 | 0.207960290 | 0.218999310 |
| ## | 153379      | 153380      | 153385      | 153393      | 153395      | 153399      |
| ## | 0.120997040 | 0.120997040 | 0.105329638 | 0.114751540 | 0.162872066 | 0.162872066 |
| ## | 153403      | 153408      | 153411      | 153412      | 153419      | 153427      |
| ## | 0.459478513 | 0.150658003 | 0.139385388 | 0.141182815 | 0.147767517 | 0.139385388 |
| ## | 153428      | 153430      | 153434      | 153439      | 153444      | 153456      |
| ## | 0.139385388 | 0.151076325 | 0.062213614 | 0.157300682 | 0.157300682 | 0.085094208 |
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| ## | 0.496883585 | 0.085094208 | 0.165733022 | 0.171649020 | 0.173778488 | 0.303812255 |
| ## | 153509      | 153512      | 153513      | 153516      | 153518      | 153534      |
| ## | 0.489786323 | 0.161901667 | 0.161901667 | 0.161901667 | 0.064872463 | 0.149801236 |
| ## | 153538      | 153545      | 153549      | 153551      | 153562      | 153564      |
| ## | 0.097870189 | 0.148479243 | 0.150373449 | 0.148479243 | 0.079937997 | 0.148479243 |
| ## | 153566      | 153567      | 153568      | 153570      | 153571      | 153580      |
| ## | 0.148479243 | 0.148479243 | 0.150373449 | 0.150373449 | 0.148479243 | 0.148479243 |
| ## | 153583      | 153589      | 153591      | 153595      | 153596      | 153613      |
| ## | 0.489785191 | 0.148479243 | 0.148479243 | 0.148685369 | 0.146808753 | 0.144026793 |
| ## | 153619      | 153621      | 153625      | 153629      | 153636      | 153641      |
| ## | 0.130350199 | 0.151552624 | 0.081728808 | 0.162094256 | 0.079217387 | 0.438977776 |
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| ## | 0.081199915 | 0.043677129 | 0.098566072 | 0.147435305 | 0.152520143 | 0.048070231 |
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| ## | 0.180517243 | 0.178323022 | 0.123978859 | 0.131582192 | 0.131753010 | 0.131753010 |
| ## | 153735      | 153737      | 153739      | 153741      | 153743      | 153747      |
| ## | 0.182429355 | 0.184662748 | 0.094874990 | 0.162251341 | 0.421804101 | 0.500879905 |
| ## | 153748      | 153749      | 153752      | 153768      | 153771      | 153778      |
| ## | 0.154178912 | 0.090576720 | 0.168667757 | 0.395204286 | 0.112173202 | 0.468592754 |
| ## | 153791      | 153792      | 153801      | 153806      | 153810      | 153814      |
| ## | 0.471294174 | 0.471294174 | 0.544637328 | 0.104828463 | 0.060617376 | 0.108205305 |
| ## | 153821      | 153829      | 153832      | 153838      | 153840      | 153844      |
| ## | 0.084738151 | 0.117735228 | 0.150229788 | 0.054035506 | 0.126231757 | 0.124597060 |
| ## | 153858      | 153876      | 153888      | 153891      | 153904      | 153907      |
| ## | 0.121025686 | 0.371959022 | 0.294745415 | 0.437602400 | 0.691365372 | 0.222650934 |
| ## | 153908      | 153917      | 153932      | 153946      | 153953      | 153954      |
| ## | 0.220082112 | 0.713076593 | 0.284040735 | 0.726179177 | 0.197062528 | 0.257512501 |
| ## | 153961      | 153970      | 153971      | 153972      | 153974      | 153975      |
| ## | 0.310113891 | 0.654192974 | 0.272759245 | 0.269812963 | 0.706664324 | 0.294275963 |
| ## | 153979      | 153984      | 153996      | 153998      | 153999      | 154003      |
| ## | 0.218800400 | 0.218760372 | 0.315808948 | 0.702659286 | 0.276190162 | 0.224133425 |
| ## | 154007      | 154013      | 154017      | 154021      | 154023      | 154024      |
| ## | 0.687039796 | 0.214539939 | 0.296079240 | 0.259629914 | 0.310309579 | 0.310309579 |
| ## | 154025      | 154026      | 154028      | 154036      | 154043      | 154047      |
| ## | 0.697288876 | 0.697288876 | 0.313508207 | 0.677383953 | 0.220498306 | 0.281203016 |
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| ## | 154110      | 154120      | 154122      | 154131      | 154139      | 154144      |
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| ## | 154158      | 154161      | 154164      | 154177      | 154184      | 154186      |
| ## | 0.701578564 | 0.278243787 | 0.229068910 | 0.203275529 | 0.279884657 | 0.305673489 |
| ## | 154188      | 154189      | 154194      | 154208      | 154213      | 154219      |
| ## | 0.692677830 | 0.699635012 | 0.687411465 | 0.726785435 | 0.306595732 | 0.303436456 |
| ## | 154223      | 154226      | 154232      | 154245      | 154259      | 154272      |
| ## | 0.303436456 | 0.178345419 | 0.219213864 | 0.579198426 | 0.310981492 | 0.318217779 |
| ## | 154274      | 154279      | 154280      | 154284      | 154293      | 154296      |
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| ## | 154297      | 154307      | 154334      | 154343      | 154346      | 154350      |
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| ## | 154356      | 154363      | 154364      | 154367      | 154370      | 154378      |
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| ## | 0.260177315 | 0.203839552 | 0.203839552 | 0.201431525 | 0.082272131 | 0.201431525 |
| ## | 154408      | 154413      | 154424      | 154431      | 154434      | 154439      |
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| ## | 154447      | 154448      | 154456      | 154466      | 154472      | 154488      |
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| ## | 154489      | 154496      | 154500      | 154501      | 154504      | 154506      |
| ## | 0.120286185 | 0.285679985 | 0.601391273 | 0.238103990 | 0.260704182 | 0.149449806 |
| ## | 154511      | 154514      | 154521      | 154525      | 154527      | 154528      |
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| ## | 154530      | 154536      | 154538      | 154541      | 154548      | 154553      |
| ## | 0.270687290 | 0.269268813 | 0.171420353 | 0.187802136 | 0.326545313 | 0.712844868 |
| ## | 154557      | 154558      | 154559      | 154561      | 154564      | 154577      |
| ## | 0.712844868 | 0.712844868 | 0.719530365 | 0.712844868 | 0.719530365 | 0.727477481 |
| ## | 154580      | 154582      | 154584      | 154585      | 154591      | 154593      |
| ## | 0.736504238 | 0.326545313 | 0.329831263 | 0.329831263 | 0.712844868 | 0.712844868 |
| ## | 154595      | 154598      | 154600      | 154613      | 154621      | 154626      |
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| ## | 154636      | 154637      | 154663      | 154672      | 154673      | 154692      |
| ## | 0.438444254 | 0.815980339 | 0.815980339 | 0.797495030 | 0.797495030 | 0.815980339 |
| ## | 154693      | 154694      | 154698      | 154699      | 154702      | 154706      |
| ## | 0.434778241 | 0.434778241 | 0.802755042 | 0.438444254 | 0.221551609 | 0.808970062 |
| ## | 154709      | 154712      | 154720      | 154726      | 154737      | 154750      |
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| ## | 154752      | 154753      | 154756      | 154760      | 154761      | 154763      |
| ## | 0.438444254 | 0.438444254 | 0.438444254 | 0.434778241 | 0.221551609 | 0.277079839 |
| ## | 154767      | 154772      | 154775      | 154780      | 154787      | 154797      |
| ## | 0.277079839 | 0.797495030 | 0.815980339 | 0.797495030 | 0.277079839 | 0.808970062 |
| ## | 154798      | 154799      | 154801      | 154806      | 154811      | 154814      |
| ## | 0.797495030 | 0.797495030 | 0.797495030 | 0.797495030 | 0.797495030 | 0.815980339 |
| ## | 154818      | 154819      | 154821      | 154824      | 154830      | 154832      |
| ## | 0.815980339 | 0.815980339 | 0.438444254 | 0.797495030 | 0.797495030 | 0.797495030 |
| ## | 154849      | 154857      | 154859      | 154863      | 154874      | 154878      |
| ## | 0.618250542 | 0.618250542 | 0.618250542 | 0.618250542 | 0.618250542 | 0.299490756 |
| ## | 154880      | 154890      | 154899      | 154905      | 154907      | 154918      |
| ## | 0.299490756 | 0.273669434 | 0.647138970 | 0.190873970 | 0.276097417 | 0.738394190 |
| ## | 154919      | 154931      | 154935      | 154936      | 154938      | 154941      |
| ## | 0.328695575 | 0.580816053 | 0.331992495 | 0.331992495 | 0.714838816 | 0.331992495 |
| ## | 154944      | 154950      | 154953      | 154971      | 154974      | 154975      |
| ## | 0.331992495 | 0.156735190 | 0.701348064 | 0.698920176 | 0.689149299 | 0.698920176 |

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| ## | 154976      | 154981      | 154983      | 154986      | 154989      | 154991      |
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| ## | 155010      | 155026      | 155040      | 155045      | 155047      | 155052      |
| ## | 0.568448797 | 0.184125841 | 0.235130797 | 0.235130797 | 0.232461047 | 0.131121648 |
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| ## | 0.131121648 | 0.235130797 | 0.131121648 | 0.232461047 | 0.615743147 | 0.235130797 |
| ## | 155078      | 155086      | 155087      | 155088      | 155097      | 155102      |
| ## | 0.100330295 | 0.197317702 | 0.197317702 | 0.194967853 | 0.525843916 | 0.170359399 |
| ## | 155103      | 155105      | 155107      | 155109      | 155111      | 155112      |
| ## | 0.168263295 | 0.170359399 | 0.163059920 | 0.103999919 | 0.103999919 | 0.166002029 |
| ## | 155122      | 155129      | 155135      | 155141      | 155145      | 155150      |
| ## | 0.193099964 | 0.477981559 | 0.121014030 | 0.338805606 | 0.197970377 | 0.194722387 |
| ## | 155153      | 155155      | 155157      | 155163      | 155167      | 155170      |
| ## | 0.107529978 | 0.557610358 | 0.165557270 | 0.187867973 | 0.166290189 | 0.065403337 |
| ## | 155171      | 155176      | 155177      | 155189      | 155194      | 155197      |
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| ## | 155205      | 155207      | 155208      | 155212      | 155214      | 155216      |
| ## | 0.170959995 | 0.091925033 | 0.129421380 | 0.111074697 | 0.200495682 | 0.200495682 |
| ## | 155218      | 155230      | 155231      | 155233      | 155245      | 155252      |
| ## | 0.200495682 | 0.170992078 | 0.186045190 | 0.186045190 | 0.204405767 | 0.206840141 |
| ## | 155259      | 155269      | 155271      | 155278      | 155281      | 155285      |
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| ## | 155290      | 155291      | 155297      | 155304      | 155305      | 155308      |
| ## | 0.149740151 | 0.149740151 | 0.089746173 | 0.131894757 | 0.294185927 | 0.291100842 |
| ## | 155312      | 155313      | 155331      | 155332      | 155333      | 155336      |
| ## | 0.501520660 | 0.258882024 | 0.295237755 | 0.298348230 | 0.295237755 | 0.295237755 |
| ## | 155354      | 155355      | 155356      | 155365      | 155382      | 155385      |
| ## | 0.285493277 | 0.481201529 | 0.183344255 | 0.282102901 | 0.314679309 | 0.317902218 |
| ## | 155386      | 155395      | 155396      | 155399      | 155407      | 155410      |
| ## | 0.186192328 | 0.186192328 | 0.314679309 | 0.317902218 | 0.164515465 | 0.283250204 |
| ## | 155415      | 155417      | 155420      | 155441      | 155448      | 155455      |
| ## | 0.283250204 | 0.297695448 | 0.681330586 | 0.124536466 | 0.183240472 | 0.163093327 |
| ## | 155465      | 155469      | 155472      | 155476      | 155480      | 155482      |
| ## | 0.189342104 | 0.189342104 | 0.189342104 | 0.189342104 | 0.092044255 | 0.090806274 |
| ## | 155485      | 155489      | 155491      | 155507      | 155509      | 155510      |
| ## | 0.092044255 | 0.092124007 | 0.067403897 | 0.080886380 | 0.158556519 | 0.372491225 |
| ## | 155513      | 155515      | 155519      | 155520      | 155521      | 155531      |
| ## | 0.088885266 | 0.399122411 | 0.399122411 | 0.092846707 | 0.047839755 | 0.483915547 |
| ## | 155532      | 155537      | 155540      | 155546      | 155548      | 155552      |
| ## | 0.152459246 | 0.065213260 | 0.165494975 | 0.118747911 | 0.073504143 | 0.048232472 |
| ## | 155568      | 155569      | 155583      | 155593      | 155596      | 155597      |
| ## | 0.098589867 | 0.113357700 | 0.100875954 | 0.088176373 | 0.107977166 | 0.085310173 |
| ## | 155599      | 155600      | 155601      | 155602      | 155603      | 155604      |
| ## | 0.163410680 | 0.118057094 | 0.107977166 | 0.119263915 | 0.255518177 | 0.053034324 |
| ## | 155606      | 155609      | 155635      | 155638      | 155640      | 155642      |
| ## | 0.137169333 | 0.137169333 | 0.370162720 | 0.092620151 | 0.170025949 | 0.092620151 |
| ## | 155645      | 155655      | 155658      | 155666      | 155667      | 155669      |
| ## | 0.170025949 | 0.068122850 | 0.051128140 | 0.502975996 | 0.063947198 | 0.160558136 |
| ## | 155676      | 155681      | 155694      | 155695      | 155696      | 155703      |
| ## | 0.160558136 | 0.112005122 | 0.152100398 | 0.080933092 | 0.325571773 | 0.155322159 |
| ## | 155704      | 155710      | 155712      | 155716      | 155717      | 155726      |
| ## | 0.157287537 | 0.080238507 | 0.149982335 | 0.082807963 | 0.153399723 | 0.094886973 |
| ## | 155734      | 155738      | 155758      | 155760      | 155762      | 155763      |
| ## | 0.083509523 | 0.154598538 | 0.160653544 | 0.141216723 | 0.121127047 | 0.146994170 |



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| ## | 155766      | 155767      | 155768      | 155775      | 155778      | 155784      |
| ## | 0.050622823 | 0.038086755 | 0.157354497 | 0.250640929 | 0.253450525 | 0.106716332 |
| ## | 155786      | 155787      | 155794      | 155795      | 155800      | 155802      |
| ## | 0.250640929 | 0.253450525 | 0.108999122 | 0.141443572 | 0.105620892 | 0.239976151 |
| ## | 155804      | 155808      | 155812      | 155813      | 155815      | 155827      |
| ## | 0.065082771 | 0.055395023 | 0.080159338 | 0.150757862 | 0.138288704 | 0.175115735 |
| ## | 155828      | 155830      | 155837      | 155846      | 155851      | 155862      |
| ## | 0.175115735 | 0.175115735 | 0.143198268 | 0.092284215 | 0.153909962 | 0.161177277 |
| ## | 155863      | 155865      | 155870      | 155879      | 155882      | 155883      |
| ## | 0.143198268 | 0.102382479 | 0.151221509 | 0.177581079 | 0.106220068 | 0.557901516 |
| ## | 155885      | 155893      | 155894      | 155896      | 155906      | 155915      |
| ## | 0.194907544 | 0.192579511 | 0.192579511 | 0.175979897 | 0.192987761 | 0.164330190 |
| ## | 155919      | 155924      | 155925      | 155932      | 155934      | 155941      |
| ## | 0.157324935 | 0.170560166 | 0.166822590 | 0.570758926 | 0.574406308 | 0.556543394 |
| ## | 155951      | 155953      | 155956      | 155959      | 155961      | 155967      |
| ## | 0.181486537 | 0.181486537 | 0.181486537 | 0.197922090 | 0.113939268 | 0.070275561 |
| ## | 155968      | 155973      | 155975      | 155978      | 155980      | 155983      |
| ## | 0.148118798 | 0.548186600 | 0.577909547 | 0.581116711 | 0.082573205 | 0.470914241 |
| ## | 155993      | 155995      | 155998      | 156016      | 156019      | 156033      |
| ## | 0.579975823 | 0.073227326 | 0.073227326 | 0.186839378 | 0.197056513 | 0.571020589 |
| ## | 156035      | 156036      | 156041      | 156047      | 156049      | 156053      |
| ## | 0.138651128 | 0.465722574 | 0.554031179 | 0.544744520 | 0.101274941 | 0.091888954 |
| ## | 156064      | 156077      | 156079      | 156081      | 156087      | 156088      |
| ## | 0.161040607 | 0.087504039 | 0.043639221 | 0.053490575 | 0.181015926 | 0.181015926 |
| ## | 156089      | 156090      | 156099      | 156104      | 156109      | 156121      |
| ## | 0.190989519 | 0.181427782 | 0.187523719 | 0.184054501 | 0.193510353 | 0.169917995 |
| ## | 156125      | 156130      | 156131      | 156135      | 156145      | 156146      |
| ## | 0.169917995 | 0.172030448 | 0.172030448 | 0.092555863 | 0.491296138 | 0.151147522 |
| ## | 156147      | 156150      | 156156      | 156157      | 156162      | 156171      |
| ## | 0.106036277 | 0.340400856 | 0.202131857 | 0.340400856 | 0.528305677 | 0.278933613 |
| ## | 156175      | 156188      | 156192      | 156197      | 156202      | 156209      |
| ## | 0.281941034 | 0.703698697 | 0.301378878 | 0.301378878 | 0.252366062 | 0.138965703 |
| ## | 156211      | 156241      | 156254      | 156262      | 156263      | 156264      |
| ## | 0.303720757 | 0.306059292 | 0.200214627 | 0.188202647 | 0.164080393 | 0.212663564 |
| ## | 156267      | 156268      | 156279      | 156280      | 156282      | 156283      |
| ## | 0.686634902 | 0.670801683 | 0.310377112 | 0.307196133 | 0.307196133 | 0.310377112 |
| ## | 156284      | 156287      | 156289      | 156290      | 156294      | 156304      |
| ## | 0.307196133 | 0.307196133 | 0.310377112 | 0.709396180 | 0.307196133 | 0.281437383 |
| ## | 156307      | 156310      | 156315      | 156320      | 156326      | 156328      |
| ## | 0.675473332 | 0.284537871 | 0.257747735 | 0.701907670 | 0.659559402 | 0.273915538 |
| ## | 156330      | 156338      | 156340      | 156341      | 156343      | 156345      |
| ## | 0.270961420 | 0.295444915 | 0.170710689 | 0.314351781 | 0.314351781 | 0.311148447 |
| ## | 156346      | 156351      | 156353      | 156356      | 156358      | 156361      |
| ## | 0.260652908 | 0.247072270 | 0.599789745 | 0.303449610 | 0.306608963 | 0.303449610 |
| ## | 156366      | 156371      | 156374      | 156375      | 156377      | 156380      |
| ## | 0.093866493 | 0.071427388 | 0.093866493 | 0.172116324 | 0.174250370 | 0.093866493 |
| ## | 156383      | 156395      | 156404      | 156427      | 156428      | 156432      |
| ## | 0.362192807 | 0.168233846 | 0.170329658 | 0.078944793 | 0.082313775 | 0.290816442 |
| ## | 156435      | 156441      | 156451      | 156452      | 156455      | 156457      |
| ## | 0.433530771 | 0.040166290 | 0.107253700 | 0.095627003 | 0.152122167 | 0.064046181 |
| ## | 156462      | 156465      | 156469      | 156474      | 156486      | 156503      |
| ## | 0.138009717 | 0.194776703 | 0.070493414 | 0.446075967 | 0.134464131 | 0.436755882 |
| ## | 156507      | 156511      | 156513      | 156514      | 156534      | 156535      |
| ## | 0.143925351 | 0.082319129 | 0.137536983 | 0.466439136 | 0.208386381 | 0.220453243 |

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| ## | 156540      | 156544      | 156547      | 156548      | 156553      | 156555      |
| ## | 0.736621703 | 0.202357107 | 0.340714390 | 0.337374600 | 0.202357107 | 0.202357107 |
| ## | 156556      | 156560      | 156562      | 156573      | 156574      | 156576      |
| ## | 0.337374600 | 0.337374600 | 0.337374600 | 0.337374600 | 0.337374600 | 0.337374600 |
| ## | 156583      | 156586      | 156587      | 156593      | 156594      | 156603      |
| ## | 0.337374600 | 0.337374600 | 0.340714390 | 0.337374600 | 0.220326055 | 0.173611319 |
| ## | 156616      | 156618      | 156621      | 156629      | 156633      | 156634      |
| ## | 0.340714390 | 0.337374600 | 0.337374600 | 0.337374600 | 0.202357107 | 0.337374600 |
| ## | 156636      | 156642      | 156650      | 156652      | 156658      | 156661      |
| ## | 0.337374600 | 0.337374600 | 0.337374600 | 0.337374600 | 0.337374600 | 0.337374600 |
| ## | 156662      | 156664      | 156670      | 156677      | 156678      | 156707      |
| ## | 0.202357107 | 0.202357107 | 0.153872073 | 0.729279337 | 0.729279337 | 0.209815139 |
| ## | 156708      | 156713      | 156714      | 156715      | 156720      | 156737      |
| ## | 0.340085882 | 0.184594791 | 0.139620677 | 0.352136406 | 0.197506995 | 0.138174655 |
| ## | 156740      | 156747      | 156752      | 156755      | 156762      | 156768      |
| ## | 0.304209499 | 0.358316069 | 0.358316069 | 0.277736926 | 0.173790871 | 0.219895504 |
| ## | 156771      | 156778      | 156781      | 156786      | 156789      | 156796      |
| ## | 0.364760596 | 0.361314274 | 0.364760596 | 0.316630495 | 0.371444053 | 0.360617664 |
| ## | 156797      | 156807      | 156811      | 156812      | 156816      | 156817      |
| ## | 0.165602297 | 0.120891151 | 0.714623334 | 0.332609875 | 0.283176724 | 0.171672894 |
| ## | 156823      | 156826      | 156842      | 156845      | 156846      | 156857      |
| ## | 0.304683414 | 0.486520442 | 0.320703134 | 0.486520442 | 0.486520442 | 0.490244329 |
| ## | 156881      | 156882      | 156885      | 156889      | 156891      | 156893      |
| ## | 0.326674130 | 0.321903149 | 0.345869052 | 0.345869052 | 0.342504983 | 0.334487826 |
| ## | 156897      | 156901      | 156907      | 156911      | 156914      | 156920      |
| ## | 0.360868230 | 0.358964961 | 0.358964961 | 0.330607907 | 0.324493469 | 0.344821888 |
| ## | 156921      | 156923      | 156931      | 156937      | 156946      | 156947      |
| ## | 0.344821888 | 0.318642137 | 0.347157234 | 0.354279382 | 0.312893576 | 0.238511542 |
| ## | 156950      | 156951      | 156954      | 156956      | 156958      | 156959      |
| ## | 0.324898228 | 0.324898228 | 0.334617557 | 0.736211366 | 0.737212509 | 0.341596083 |
| ## | 156963      | 156970      | 156974      | 156975      | 156979      | 156981      |
| ## | 0.331815313 | 0.221129650 | 0.337044166 | 0.713844663 | 0.365399438 | 0.320867859 |
| ## | 156991      | 156993      | 156997      | 157001      | 157004      | 157005      |
| ## | 0.176494761 | 0.300141600 | 0.647305739 | 0.351693382 | 0.351693382 | 0.351693382 |
| ## | 157008      | 157011      | 157015      | 157021      | 157023      | 157030      |
| ## | 0.724322107 | 0.726848595 | 0.355190467 | 0.309616829 | 0.297020342 | 0.357390266 |
| ## | 157037      | 157043      | 157047      | 157056      | 157059      | 157060      |
| ## | 0.331127609 | 0.198347495 | 0.331802551 | 0.455722450 | 0.294383942 | 0.455722450 |
| ## | 157063      | 157067      | 157074      | 157089      | 157091      | 157099      |
| ## | 0.455722450 | 0.459421519 | 0.247093642 | 0.397100189 | 0.400673713 | 0.354750740 |
| ## | 157101      | 157102      | 157105      | 157107      | 157110      | 157124      |
| ## | 0.343438602 | 0.335867002 | 0.239384975 | 0.332429385 | 0.359490488 | 0.724717863 |
| ## | 157128      | 157131      | 157134      | 157137      | 157139      | 157142      |
| ## | 0.369344947 | 0.369344947 | 0.330249720 | 0.756763061 | 0.370290430 | 0.326458697 |
| ## | 157143      | 157144      | 157145      | 157146      | 157154      | 157167      |
| ## | 0.323190143 | 0.617940415 | 0.141547859 | 0.340883836 | 0.163429600 | 0.209462300 |
| ## | 157172      | 157183      | 157188      | 157190      | 157191      | 157192      |
| ## | 0.745790268 | 0.355543919 | 0.263112504 | 0.197506995 | 0.210262494 | 0.348427348 |
| ## | 157197      | 157200      | 157203      | 157204      | 157224      | 157229      |
| ## | 0.194238108 | 0.333257020 | 0.296841464 | 0.234488454 | 0.316630495 | 0.367971163 |
| ## | 157234      | 157242      | 157252      | 157254      | 157256      | 157258      |
| ## | 0.328309498 | 0.206072837 | 0.327317999 | 0.357437991 | 0.712593185 | 0.332141737 |
| ## | 157261      | 157265      | 157280      | 157282      | 157286      | 157287      |
| ## | 0.358964961 | 0.338252083 | 0.299128463 | 0.719313426 | 0.321935978 | 0.315514078 |

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| ## | 157294      | 157296      | 157303      | 157304      | 157316      | 157322      |
| ## | 0.365399438 | 0.368862221 | 0.371444053 | 0.754925126 | 0.331385440 | 0.347419412 |
| ## | 157326      | 157330      | 157334      | 157340      | 157357      | 157359      |
| ## | 0.120891151 | 0.216292010 | 0.332609875 | 0.190466688 | 0.486520442 | 0.486520442 |
| ## | 157360      | 157363      | 157376      | 157377      | 157385      | 157390      |
| ## | 0.320703134 | 0.320703134 | 0.490244329 | 0.320703134 | 0.486520442 | 0.490244329 |
| ## | 157391      | 157394      | 157398      | 157407      | 157416      | 157423      |
| ## | 0.486520442 | 0.486520442 | 0.490244329 | 0.490244329 | 0.716586186 | 0.351693382 |
| ## | 157426      | 157427      | 157431      | 157444      | 157448      | 157451      |
| ## | 0.351693382 | 0.749154823 | 0.326335316 | 0.333000137 | 0.199391526 | 0.311497812 |
| ## | 157454      | 157457      | 157467      | 157469      | 157470      | 157471      |
| ## | 0.719817383 | 0.353974777 | 0.353974777 | 0.214464075 | 0.162995049 | 0.357390266 |
| ## | 157474      | 157477      | 157481      | 157483      | 157489      | 157498      |
| ## | 0.338517107 | 0.350663969 | 0.347278022 | 0.821733780 | 0.821409114 | 0.459421519 |
| ## | 157499      | 157500      | 157503      | 157505      | 157511      | 157513      |
| ## | 0.821733780 | 0.821409114 | 0.745035414 | 0.632259187 | 0.397100189 | 0.397100189 |
| ## | 157529      | 157541      | 157542      | 157560      | 157561      | 157576      |
| ## | 0.156074686 | 0.611884470 | 0.239384975 | 0.331633314 | 0.259550522 | 0.373772264 |
| ## | 157578      | 157585      | 157587      | 157589      | 157593      | 157596      |
| ## | 0.373772264 | 0.227464539 | 0.344240319 | 0.204896212 | 0.105225282 | 0.235337682 |
| ## | 157600      | 157607      | 157610      | 157614      | 157615      | 157620      |
| ## | 0.324082411 | 0.722356232 | 0.367828672 | 0.243215378 | 0.138030837 | 0.245969058 |
| ## | 157624      | 157635      | 157647      | 157654      | 157659      | 157661      |
| ## | 0.243215378 | 0.138030837 | 0.245969058 | 0.156433317 | 0.138940627 | 0.199870533 |
| ## | 157662      | 157663      | 157666      | 157671      | 157672      | 157675      |
| ## | 0.587872388 | 0.188404717 | 0.215689263 | 0.216754362 | 0.212355330 | 0.225587954 |
| ## | 157676      | 157677      | 157685      | 157690      | 157696      | 157697      |
| ## | 0.615932679 | 0.225587954 | 0.204695068 | 0.159076510 | 0.098718225 | 0.204580653 |
| ## | 157701      | 157706      | 157713      | 157715      | 157719      | 157720      |
| ## | 0.140323658 | 0.218709100 | 0.501127434 | 0.186226220 | 0.225587954 | 0.225587954 |
| ## | 157725      | 157733      | 157739      | 157742      | 157743      | 157744      |
| ## | 0.203944578 | 0.116881290 | 0.225587954 | 0.118333745 | 0.138891513 | 0.596756313 |
| ## | 157756      | 157763      | 157765      | 157769      | 157770      | 157772      |
| ## | 0.552772328 | 0.196340990 | 0.213959775 | 0.459706869 | 0.140323658 | 0.225587954 |
| ## | 157773      | 157782      | 157810      | 157813      | 157814      | 157821      |
| ## | 0.159798720 | 0.120308550 | 0.195399058 | 0.105976449 | 0.105976449 | 0.122018772 |
| ## | 157826      | 157827      | 157828      | 157830      | 157832      | 157840      |
| ## | 0.580989446 | 0.203628755 | 0.114418467 | 0.208355394 | 0.205907817 | 0.076716901 |
| ## | 157850      | 157858      | 157861      | 157863      | 157865      | 157867      |
| ## | 0.203954588 | 0.570017075 | 0.200357027 | 0.183921662 | 0.203954588 | 0.162078591 |
| ## | 157874      | 157883      | 157894      | 157901      | 157909      | 157912      |
| ## | 0.574399936 | 0.199681724 | 0.202755470 | 0.114418467 | 0.107348603 | 0.212423379 |
| ## | 157913      | 157915      | 157916      | 157928      | 157933      | 157937      |
| ## | 0.203843775 | 0.203843775 | 0.178323721 | 0.104789047 | 0.206949580 | 0.183921662 |
| ## | 157939      | 157941      | 157942      | 157946      | 157947      | 157949      |
| ## | 0.201545546 | 0.110378911 | 0.103842589 | 0.137506625 | 0.137506625 | 0.605075771 |
| ## | 157971      | 157975      | 157984      | 157987      | 157991      | 157994      |
| ## | 0.106825420 | 0.106825420 | 0.193570439 | 0.195907544 | 0.193570439 | 0.106825420 |
| ## | 157995      | 158001      | 158007      | 158014      | 158016      | 158017      |
| ## | 0.193570439 | 0.106825420 | 0.106825420 | 0.195907544 | 0.106825420 | 0.195907544 |
| ## | 158018      | 158020      | 158022      | 158025      | 158028      | 158031      |
| ## | 0.195907544 | 0.106825420 | 0.151437912 | 0.139925464 | 0.160939654 | 0.074985113 |
| ## | 158047      | 158053      | 158066      | 158070      | 158080      | 158092      |
| ## | 0.182140176 | 0.547084018 | 0.164680487 | 0.091257144 | 0.157028261 | 0.117506716 |

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| ## | 158098      | 158104      | 158119      | 158123      | 158131      | 158134      |
| ## | 0.120360096 | 0.170561499 | 0.180192163 | 0.180192163 | 0.157320727 | 0.097673149 |
| ## | 158147      | 158153      | 158158      | 158165      | 158180      | 158186      |
| ## | 0.174491439 | 0.163553174 | 0.077712896 | 0.160643817 | 0.515072389 | 0.161730815 |
| ## | 158191      | 158199      | 158214      | 158215      | 158228      | 158229      |
| ## | 0.073930752 | 0.364164368 | 0.200684083 | 0.200684083 | 0.483659593 | 0.172425671 |
| ## | 158230      | 158232      | 158237      | 158239      | 158242      | 158243      |
| ## | 0.112764455 | 0.208547989 | 0.205759977 | 0.203335058 | 0.271590910 | 0.156675245 |
| ## | 158246      | 158249      | 158255      | 158262      | 158276      | 158279      |
| ## | 0.156675245 | 0.156675245 | 0.166410209 | 0.112784583 | 0.159090416 | 0.184699191 |
| ## | 158285      | 158286      | 158301      | 158304      | 158308      | 158315      |
| ## | 0.109929691 | 0.111396441 | 0.155940331 | 0.166709473 | 0.094039342 | 0.136193710 |
| ## | 158317      | 158318      | 158322      | 158325      | 158329      | 158330      |
| ## | 0.194160637 | 0.554393648 | 0.169851638 | 0.139714305 | 0.381910809 | 0.381910809 |
| ## | 158335      | 158336      | 158341      | 158348      | 158350      | 158351      |
| ## | 0.142200817 | 0.168017300 | 0.192183579 | 0.192183579 | 0.159630910 | 0.429796533 |
| ## | 158359      | 158377      | 158380      | 158382      | 158384      | 158388      |
| ## | 0.429796533 | 0.138569250 | 0.136799797 | 0.148015620 | 0.148015620 | 0.086348998 |
| ## | 158391      | 158400      | 158419      | 158422      | 158426      | 158431      |
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| ## | 158440      | 158443      | 158454      | 158458      | 158464      | 158465      |
| ## | 0.138569250 | 0.138569250 | 0.097591931 | 0.105049160 | 0.098348634 | 0.103001451 |
| ## | 158469      | 158472      | 158473      | 158474      | 158477      | 158484      |
| ## | 0.150892840 | 0.084090941 | 0.157559017 | 0.141835995 | 0.140031608 | 0.075046293 |
| ## | 158485      | 158486      | 158504      | 158505      | 158506      | 158508      |
| ## | 0.140031608 | 0.075046293 | 0.048637558 | 0.048637558 | 0.037335401 | 0.478193936 |
| ## | 158515      | 158526      | 158547      | 158550      | 158552      | 158570      |
| ## | 0.088918688 | 0.154835936 | 0.088003583 | 0.156359485 | 0.158335529 | 0.132987367 |
| ## | 158572      | 158578      | 158581      | 158585      | 158588      | 158596      |
| ## | 0.167519395 | 0.140031608 | 0.075046293 | 0.140031608 | 0.140031608 | 0.318990342 |
| ## | 158597      | 158598      | 158608      | 158610      | 158611      | 158614      |
| ## | 0.084971698 | 0.071001213 | 0.283350157 | 0.275955920 | 0.423212282 | 0.037926500 |
| ## | 158622      | 158639      | 158644      | 158657      | 158660      | 158662      |
| ## | 0.127815638 | 0.155590873 | 0.140031608 | 0.169811227 | 0.577874865 | 0.226187742 |
| ## | 158666      | 158672      | 158679      | 158685      | 158695      | 158701      |
| ## | 0.231708469 | 0.241523804 | 0.166792307 | 0.570674959 | 0.635745458 | 0.229995543 |
| ## | 158708      | 158711      | 158718      | 158722      | 158723      | 158737      |
| ## | 0.228498532 | 0.234399215 | 0.223036282 | 0.194096944 | 0.609440832 | 0.248052549 |
| ## | 158738      | 158746      | 158747      | 158752      | 158753      | 158754      |
| ## | 0.250842843 | 0.276863868 | 0.160207818 | 0.276863868 | 0.160207818 | 0.279857634 |
| ## | 158756      | 158757      | 158763      | 158769      | 158770      | 158775      |
| ## | 0.276863868 | 0.276863868 | 0.279857634 | 0.276863868 | 0.279857634 | 0.160207818 |
| ## | 158782      | 158786      | 158787      | 158788      | 158789      | 158792      |
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| ## | 158802      | 158804      | 158805      | 158808      | 158811      | 158814      |
| ## | 0.242163761 | 0.079739361 | 0.174109604 | 0.539686669 | 0.499340136 | 0.243534837 |
| ## | 158815      | 158816      | 158818      | 158824      | 158828      | 158833      |
| ## | 0.246290957 | 0.246290957 | 0.243534837 | 0.202564137 | 0.150028329 | 0.128957935 |
| ## | 158836      | 158841      | 158842      | 158843      | 158856      | 158857      |
| ## | 0.240725462 | 0.241523804 | 0.238804128 | 0.238804128 | 0.590262328 | 0.216525251 |
| ## | 158860      | 158866      | 158867      | 158875      | 158877      | 158884      |
| ## | 0.231188201 | 0.276863868 | 0.276863868 | 0.276863868 | 0.276863868 | 0.160207818 |
| ## | 158891      | 158901      | 158908      | 158910      | 158915      | 158930      |
| ## | 0.160207818 | 0.160207818 | 0.279857634 | 0.279857634 | 0.276863868 | 0.677744892 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 158933      | 158945      | 158947      | 158948      | 158950      | 158953      |
| ## | 0.160369349 | 0.206212426 | 0.133544583 | 0.094901151 | 0.156756548 | 0.521369449 |
| ## | 158954      | 158956      | 158961      | 158965      | 158967      | 158970      |
| ## | 0.089741530 | 0.583558114 | 0.158037192 | 0.206212426 | 0.114607265 | 0.096189052 |
| ## | 158974      | 158984      | 158986      | 158987      | 158993      | 158998      |
| ## | 0.583558114 | 0.188865288 | 0.111519200 | 0.583738029 | 0.209515596 | 0.120520935 |
| ## | 159011      | 159013      | 159018      | 159035      | 159045      | 159046      |
| ## | 0.524338745 | 0.174559777 | 0.113004467 | 0.129036606 | 0.150167634 | 0.095672503 |
| ## | 159050      | 159052      | 159057      | 159063      | 159073      | 159075      |
| ## | 0.128307716 | 0.098604367 | 0.539124810 | 0.129464479 | 0.479460241 | 0.211619819 |
| ## | 159077      | 159080      | 159083      | 159093      | 159095      | 159108      |
| ## | 0.128307716 | 0.138415286 | 0.177734054 | 0.196422605 | 0.117608500 | 0.117747527 |
| ## | 159112      | 159121      | 159123      | 159133      | 159135      | 159150      |
| ## | 0.107408279 | 0.383253841 | 0.061127668 | 0.052209828 | 0.115508199 | 0.186366967 |
| ## | 159155      | 159157      | 159168      | 159174      | 159175      | 159181      |
| ## | 0.136018044 | 0.187723372 | 0.110959065 | 0.206646594 | 0.209100640 | 0.113617948 |
| ## | 159183      | 159189      | 159202      | 159213      | 159214      | 159220      |
| ## | 0.204615096 | 0.119910323 | 0.189263087 | 0.406841364 | 0.406841364 | 0.200707026 |
| ## | 159233      | 159239      | 159242      | 159244      | 159249      | 159253      |
| ## | 0.406841364 | 0.406841364 | 0.111204893 | 0.200707026 | 0.406841364 | 0.406841364 |
| ## | 159258      | 159269      | 159277      | 159285      | 159299      | 159318      |
| ## | 0.203108595 | 0.168702832 | 0.120680316 | 0.209712656 | 0.197304611 | 0.164532173 |
| ## | 159320      | 159322      | 159323      | 159335      | 159336      | 159340      |
| ## | 0.122419188 | 0.129589036 | 0.141835795 | 0.120680316 | 0.127794041 | 0.125527967 |
| ## | 159354      | 159358      | 159362      | 159372      | 159383      | 159385      |
| ## | 0.184797684 | 0.604521731 | 0.218042219 | 0.121247435 | 0.121247435 | 0.199219840 |
| ## | 159386      | 159387      | 159397      | 159405      | 159408      | 159411      |
| ## | 0.169495976 | 0.191416615 | 0.214641282 | 0.159642713 | 0.106515204 | 0.166951100 |
| ## | 159435      | 159445      | 159449      | 159450      | 159454      | 159456      |
| ## | 0.102439989 | 0.177691122 | 0.087127713 | 0.205061328 | 0.585809706 | 0.113482185 |
| ## | 159465      | 159472      | 159475      | 159476      | 159477      | 159479      |
| ## | 0.576467749 | 0.214726221 | 0.119910323 | 0.427556931 | 0.214726221 | 0.556923387 |
| ## | 159480      | 159481      | 159488      | 159501      | 159505      | 159507      |
| ## | 0.191963766 | 0.384963378 | 0.127994203 | 0.406841364 | 0.406841364 | 0.406841364 |
| ## | 159508      | 159514      | 159515      | 159531      | 159538      | 159547      |
| ## | 0.406841364 | 0.579220070 | 0.406841364 | 0.406841364 | 0.203108595 | 0.406841364 |
| ## | 159549      | 159559      | 159565      | 159570      | 159576      | 159585      |
| ## | 0.111204893 | 0.165815563 | 0.200720606 | 0.208195157 | 0.106073791 | 0.116781353 |
| ## | 159586      | 159592      | 159594      | 159596      | 159603      | 159605      |
| ## | 0.116781353 | 0.126683652 | 0.433464581 | 0.187138638 | 0.565619260 | 0.141835795 |
| ## | 159614      | 159618      | 159619      | 159624      | 159631      | 159632      |
| ## | 0.135907737 | 0.218042219 | 0.218042219 | 0.199081699 | 0.121247435 | 0.219401891 |
| ## | 159638      | 159640      | 159641      | 159648      | 159652      | 159653      |
| ## | 0.105510510 | 0.168702832 | 0.197791687 | 0.206193339 | 0.214641282 | 0.098978028 |
| ## | 159654      | 159667      | 159674      | 159678      | 159681      | 159684      |
| ## | 0.180639519 | 0.030136228 | 0.173930207 | 0.157850563 | 0.485973895 | 0.084260140 |
| ## | 159703      | 159704      | 159706      | 159707      | 159708      | 159709      |
| ## | 0.521715044 | 0.150329579 | 0.489699373 | 0.478800031 | 0.056544507 | 0.163437646 |
| ## | 159715      | 159716      | 159721      | 159729      | 159733      | 159737      |
| ## | 0.174431426 | 0.080896194 | 0.172238809 | 0.148435829 | 0.091569134 | 0.487096315 |
| ## | 159742      | 159744      | 159745      | 159754      | 159760      | 159765      |
| ## | 0.149003740 | 0.147123801 | 0.147123801 | 0.079150096 | 0.147123801 | 0.147123801 |
| ## | 159766      | 159781      | 159783      | 159790      | 159793      | 159794      |
| ## | 0.079150096 | 0.096411946 | 0.139980010 | 0.079305608 | 0.146087757 | 0.146087757 |

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| ## | 159795      | 159805      | 159806      | 159809      | 159811      | 159819      |
| ## | 0.144238372 | 0.079150096 | 0.147123801 | 0.149003740 | 0.147123801 | 0.473460367 |
| ## | 159825      | 159827      | 159830      | 159843      | 159844      | 159848      |
| ## | 0.145465955 | 0.143500132 | 0.159911634 | 0.264064921 | 0.064402765 | 0.071229707 |
| ## | 159849      | 159850      | 159853      | 159858      | 159859      | 159860      |
| ## | 0.106314570 | 0.121380952 | 0.122979382 | 0.273969609 | 0.038571649 | 0.076748319 |
| ## | 159864      | 159876      | 159879      | 159890      | 159893      | 159896      |
| ## | 0.045878413 | 0.114607902 | 0.107624112 | 0.079210037 | 0.197225200 | 0.143795130 |
| ## | 159899      | 159908      | 159915      | 159919      | 159924      | 159929      |
| ## | 0.066561719 | 0.165099583 | 0.166092008 | 0.156040495 | 0.183047999 | 0.183047999 |
| ## | 159932      | 159938      | 159942      | 159943      | 159949      | 159951      |
| ## | 0.082486012 | 0.068177438 | 0.062999097 | 0.168166532 | 0.106705409 | 0.157040654 |
| ## | 159965      | 159966      | 159974      | 159975      | 159978      | 159993      |
| ## | 0.104113254 | 0.109757905 | 0.176792001 | 0.528181748 | 0.140612700 | 0.379531941 |
| ## | 160002      | 160003      | 160011      | 160012      | 160020      | 160023      |
| ## | 0.091300173 | 0.158451349 | 0.185002315 | 0.182765735 | 0.411242828 | 0.134219346 |
| ## | 160039      | 160041      | 160045      | 160049      | 160052      | 160053      |
| ## | 0.070861194 | 0.051610210 | 0.051487440 | 0.051487440 | 0.123428033 | 0.125049583 |
| ## | 160059      | 160066      | 160072      | 160074      | 160080      | 160084      |
| ## | 0.122633630 | 0.501462823 | 0.111373641 | 0.139677236 | 0.078499102 | 0.486384190 |
| ## | 160085      | 160088      | 160090      | 160102      | 160103      | 160109      |
| ## | 0.501462823 | 0.103442483 | 0.484562044 | 0.689064421 | 0.689064421 | 0.689064421 |
| ## | 160115      | 160118      | 160122      | 160131      | 160135      | 160139      |
| ## | 0.710869813 | 0.677032203 | 0.287785312 | 0.694818721 | 0.694818721 | 0.673157320 |
| ## | 160146      | 160147      | 160149      | 160157      | 160161      | 160162      |
| ## | 0.292046043 | 0.678661115 | 0.216966575 | 0.267345332 | 0.297373636 | 0.576573392 |
| ## | 160164      | 160166      | 160173      | 160175      | 160177      | 160182      |
| ## | 0.695012605 | 0.695012605 | 0.210797112 | 0.267698100 | 0.675027762 | 0.292922476 |
| ## | 160185      | 160191      | 160210      | 160211      | 160214      | 160225      |
| ## | 0.306837852 | 0.290849675 | 0.681531514 | 0.121914084 | 0.688289129 | 0.307535026 |
| ## | 160226      | 160227      | 160229      | 160231      | 160234      | 160235      |
| ## | 0.307535026 | 0.307535026 | 0.691367630 | 0.304370320 | 0.307535026 | 0.704140109 |
| ## | 160239      | 160246      | 160255      | 160257      | 160263      | 160264      |
| ## | 0.704140109 | 0.320582057 | 0.312377349 | 0.676362041 | 0.117945701 | 0.265463145 |
| ## | 160272      | 160277      | 160282      | 160288      | 160293      | 160294      |
| ## | 0.710375154 | 0.301166745 | 0.698791449 | 0.720461749 | 0.187041942 | 0.727348019 |
| ## | 160299      | 160301      | 160302      | 160303      | 160305      | 160306      |
| ## | 0.276087827 | 0.687829916 | 0.263347179 | 0.266248601 | 0.255460321 | 0.658175667 |
| ## | 160307      | 160309      | 160314      | 160315      | 160328      | 160332      |
| ## | 0.270582973 | 0.697093767 | 0.335209993 | 0.338539303 | 0.285319055 | 0.225706993 |
| ## | 160333      | 160336      | 160338      | 160340      | 160368      | 160370      |
| ## | 0.288665975 | 0.246105473 | 0.258111280 | 0.575482787 | 0.304488663 | 0.669790794 |
| ## | 160374      | 160379      | 160381      | 160382      | 160385      | 160401      |
| ## | 0.696160504 | 0.253960457 | 0.571815313 | 0.202773189 | 0.258111280 | 0.678661115 |
| ## | 160406      | 160412      | 160426      | 160438      | 160455      | 160460      |
| ## | 0.292968820 | 0.301395492 | 0.311196816 | 0.197531502 | 0.119140138 | 0.696663310 |
| ## | 160461      | 160467      | 160468      | 160469      | 160471      | 160475      |
| ## | 0.696663310 | 0.266985127 | 0.578594910 | 0.578594910 | 0.698085226 | 0.709402564 |
| ## | 160476      | 160478      | 160481      | 160489      | 160490      | 160494      |
| ## | 0.300155694 | 0.279912674 | 0.279912674 | 0.184577137 | 0.668638627 | 0.289875210 |
| ## | 160497      | 160501      | 160503      | 160507      | 160519      | 160528      |
| ## | 0.697368726 | 0.212114536 | 0.710375154 | 0.327176605 | 0.723602209 | 0.210092030 |
| ## | 160529      | 160536      | 160544      | 160545      | 160548      | 160559      |
| ## | 0.295827594 | 0.315887643 | 0.661311049 | 0.661311049 | 0.691024955 | 0.727360381 |

|    |             |             |             |             |             |             |
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| ## | 160564      | 160570      | 160577      | 160580      | 160583      | 160591      |
| ## | 0.335209993 | 0.338539303 | 0.299361766 | 0.196720694 | 0.654232683 | 0.258111280 |
| ## | 160610      | 160618      | 160623      | 160627      | 160629      | 160639      |
| ## | 0.291250378 | 0.288183508 | 0.167865120 | 0.167865120 | 0.288183508 | 0.193894862 |
| ## | 160641      | 160656      | 160663      | 160681      | 160683      | 160706      |
| ## | 0.529752065 | 0.288183508 | 0.288183508 | 0.291250378 | 0.167865120 | 0.258635426 |
| ## | 160712      | 160716      | 160723      | 160744      | 160750      | 160757      |
| ## | 0.258635426 | 0.316272895 | 0.268553174 | 0.266083800 | 0.710637029 | 0.710637029 |
| ## | 160759      | 160765      | 160768      | 160769      | 160771      | 160775      |
| ## | 0.734410533 | 0.734410533 | 0.327456932 | 0.327456932 | 0.710637029 | 0.717353547 |
| ## | 160776      | 160784      | 160790      | 160796      | 160800      | 160804      |
| ## | 0.710637029 | 0.615245903 | 0.435796489 | 0.795751554 | 0.814358966 | 0.814358966 |
| ## | 160805      | 160809      | 160813      | 160818      | 160820      | 160829      |
| ## | 0.435796489 | 0.435796489 | 0.435796489 | 0.606864131 | 0.814358966 | 0.435796489 |
| ## | 160830      | 160832      | 160834      | 160838      | 160840      | 160858      |
| ## | 0.801045554 | 0.795751554 | 0.435796489 | 0.795751554 | 0.219701210 | 0.807301508 |
| ## | 160860      | 160867      | 160869      | 160873      | 160880      | 160893      |
| ## | 0.219701210 | 0.435796489 | 0.435796489 | 0.432135578 | 0.435796489 | 0.432135578 |
| ## | 160895      | 160902      | 160904      | 160905      | 160921      | 160925      |
| ## | 0.435796489 | 0.795751554 | 0.795751554 | 0.795751554 | 0.795751554 | 0.795751554 |
| ## | 160926      | 160929      | 160935      | 160944      | 160948      | 160949      |
| ## | 0.795751554 | 0.795751554 | 0.586806987 | 0.795751554 | 0.795751554 | 0.795751554 |
| ## | 160950      | 160951      | 160957      | 160959      | 160961      | 160962      |
| ## | 0.795751554 | 0.795751554 | 0.274929462 | 0.274929462 | 0.435796489 | 0.435796489 |
| ## | 160964      | 160967      | 160968      | 160977      | 160982      | 160985      |
| ## | 0.435796489 | 0.435796489 | 0.615707487 | 0.270282354 | 0.206372377 | 0.289997181 |
| ## | 160987      | 160992      | 160998      | 161000      | 161001      | 161002      |
| ## | 0.435359532 | 0.736310126 | 0.329610258 | 0.712640128 | 0.712640128 | 0.326325438 |
| ## | 161014      | 161022      | 161023      | 161030      | 161034      | 161037      |
| ## | 0.737367802 | 0.329610258 | 0.329610258 | 0.329610258 | 0.712640128 | 0.712640128 |
| ## | 161038      | 161039      | 161042      | 161044      | 161054      | 161065      |
| ## | 0.712640128 | 0.712640128 | 0.727279182 | 0.712640128 | 0.296441375 | 0.213963749 |
| ## | 161066      | 161072      | 161074      | 161085      | 161087      | 161090      |
| ## | 0.218947552 | 0.212229318 | 0.576067328 | 0.223707528 | 0.507273037 | 0.150116502 |
| ## | 161091      | 161093      | 161096      | 161101      | 161115      | 161144      |
| ## | 0.736310126 | 0.736310126 | 0.736310126 | 0.329610258 | 0.583047873 | 0.734410533 |
| ## | 161145      | 161149      | 161165      | 161175      | 161176      | 161181      |
| ## | 0.734410533 | 0.710637029 | 0.717353547 | 0.435796489 | 0.615245903 | 0.795751554 |
| ## | 161187      | 161188      | 161189      | 161204      | 161210      | 161215      |
| ## | 0.432135578 | 0.814358966 | 0.435796489 | 0.801045554 | 0.432135578 | 0.595833356 |
| ## | 161216      | 161218      | 161222      | 161224      | 161229      | 161234      |
| ## | 0.606864131 | 0.814358966 | 0.814358966 | 0.815182163 | 0.795751554 | 0.615245903 |
| ## | 161235      | 161240      | 161241      | 161250      | 161253      | 161255      |
| ## | 0.795751554 | 0.814358966 | 0.795751554 | 0.795751554 | 0.219701210 | 0.795751554 |
| ## | 161259      | 161268      | 161273      | 161283      | 161300      | 161301      |
| ## | 0.795751554 | 0.795751554 | 0.219701210 | 0.219701210 | 0.219701210 | 0.274929462 |
| ## | 161306      | 161315      | 161317      | 161332      | 161333      | 161335      |
| ## | 0.432135578 | 0.795751554 | 0.795751554 | 0.801045554 | 0.795751554 | 0.795751554 |
| ## | 161336      | 161346      | 161350      | 161353      | 161354      | 161355      |
| ## | 0.795751554 | 0.795751554 | 0.795751554 | 0.804972384 | 0.795751554 | 0.795751554 |
| ## | 161361      | 161364      | 161370      | 161372      | 161373      | 161374      |
| ## | 0.615707487 | 0.615707487 | 0.289997181 | 0.379160128 | 0.626224641 | 0.050870022 |
| ## | 161375      | 161378      | 161384      | 161387      | 161390      | 161392      |
| ## | 0.727279182 | 0.736310126 | 0.736310126 | 0.329610258 | 0.736310126 | 0.727279182 |

|    |             |             |             |             |             |             |
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| ## | 161399      | 161400      | 161403      | 161410      | 161411      | 161413      |
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| ## | 161422      | 161431      | 161436      | 161443      | 161444      | 161455      |
| ## | 0.233200961 | 0.233200961 | 0.233200961 | 0.416582107 | 0.193284354 | 0.520806244 |
| ## | 161458      | 161460      | 161461      | 161465      | 161469      | 161475      |
| ## | 0.112082581 | 0.099257520 | 0.144669995 | 0.156280058 | 0.191273330 | 0.475297117 |
| ## | 161482      | 161483      | 161491      | 161495      | 161501      | 161503      |
| ## | 0.160490498 | 0.163626026 | 0.118620029 | 0.065746860 | 0.515422063 | 0.383220050 |
| ## | 161513      | 161520      | 161529      | 161530      | 161537      | 161548      |
| ## | 0.165774858 | 0.504897152 | 0.113668268 | 0.201160517 | 0.184421087 | 0.189335841 |
| ## | 161559      | 161567      | 161579      | 161582      | 161588      | 161589      |
| ## | 0.560847482 | 0.093976721 | 0.182514735 | 0.185630127 | 0.233200961 | 0.129900488 |
| ## | 161599      | 161602      | 161607      | 161609      | 161623      | 161633      |
| ## | 0.230546518 | 0.129900488 | 0.233200961 | 0.129900488 | 0.193284354 | 0.120715770 |
| ## | 161638      | 161641      | 161642      | 161643      | 161648      | 161657      |
| ## | 0.178098501 | 0.108012855 | 0.376867039 | 0.099363106 | 0.504897152 | 0.295094325 |
| ## | 161660      | 161662      | 161687      | 161688      | 161690      | 161693      |
| ## | 0.170554979 | 0.192390762 | 0.032625295 | 0.034083047 | 0.034832040 | 0.356480369 |
| ## | 161694      | 161698      | 161703      | 161707      | 161708      | 161711      |
| ## | 0.063351110 | 0.139762738 | 0.282848395 | 0.282848395 | 0.502210743 | 0.193652260 |
| ## | 161722      | 161725      | 161727      | 161736      | 161740      | 161742      |
| ## | 0.228712667 | 0.552490421 | 0.315573324 | 0.687287130 | 0.312363212 | 0.699306801 |
| ## | 161744      | 161746      | 161751      | 161768      | 161770      | 161774      |
| ## | 0.149051540 | 0.163041660 | 0.341427342 | 0.209558509 | 0.154770157 | 0.249396337 |
| ## | 161782      | 161791      | 161797      | 161812      | 161820      | 161829      |
| ## | 0.444483316 | 0.095416857 | 0.187695856 | 0.047740858 | 0.091148851 | 0.089921721 |
| ## | 161831      | 161832      | 161836      | 161839      | 161840      | 161841      |
| ## | 0.493459352 | 0.078651742 | 0.065842810 | 0.052406163 | 0.053639268 | 0.095856945 |
| ## | 161845      | 161849      | 161863      | 161869      | 161871      | 161875      |
| ## | 0.130685605 | 0.148740415 | 0.097637635 | 0.088596082 | 0.137843912 | 0.048194719 |
| ## | 161876      | 161877      | 161879      | 161885      | 161886      | 161891      |
| ## | 0.471403707 | 0.102260630 | 0.139916437 | 0.082699687 | 0.485690857 | 0.100757531 |
| ## | 161896      | 161902      | 161906      | 161907      | 161913      | 161921      |
| ## | 0.161944854 | 0.106945024 | 0.080030141 | 0.052194880 | 0.056151172 | 0.450492256 |
| ## | 161922      | 161926      | 161937      | 161940      | 161949      | 161953      |
| ## | 0.450492256 | 0.052194880 | 0.091719711 | 0.091719711 | 0.091719711 | 0.168512736 |
| ## | 161957      | 161960      | 161961      | 161975      | 161977      | 162001      |
| ## | 0.091719711 | 0.168512736 | 0.168512736 | 0.093171320 | 0.091919715 | 0.159113032 |
| ## | 162002      | 162009      | 162012      | 162013      | 162016      | 162023      |
| ## | 0.159113032 | 0.402602619 | 0.402602619 | 0.382748895 | 0.390549090 | 0.080699606 |
| ## | 162032      | 162035      | 162036      | 162042      | 162043      | 162052      |
| ## | 0.080136237 | 0.081812198 | 0.132989201 | 0.083109713 | 0.153915540 | 0.153915540 |
| ## | 162061      | 162064      | 162067      | 162077      | 162083      | 162087      |
| ## | 0.153915540 | 0.153915540 | 0.100719323 | 0.152007381 | 0.458527382 | 0.323536130 |
| ## | 162095      | 162102      | 162104      | 162107      | 162109      | 162120      |
| ## | 0.106885583 | 0.138611549 | 0.098756890 | 0.159207743 | 0.145649966 | 0.168512736 |
| ## | 162127      | 162129      | 162137      | 162141      | 162153      | 162157      |
| ## | 0.168512736 | 0.091719711 | 0.170611309 | 0.091719711 | 0.145958926 | 0.402602619 |
| ## | 162164      | 162166      | 162171      | 162172      | 162179      | 162182      |
| ## | 0.402602619 | 0.402602619 | 0.390549090 | 0.106507882 | 0.474698176 | 0.489393456 |
| ## | 162191      | 162196      | 162206      | 162207      | 162217      | 162218      |
| ## | 0.489393456 | 0.104313762 | 0.081994296 | 0.031729236 | 0.080245060 | 0.080245060 |
| ## | 162219      | 162230      | 162237      | 162238      | 162243      | 162248      |
| ## | 0.131885301 | 0.155140713 | 0.159207743 | 0.338991024 | 0.093621112 | 0.161981269 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 162250      | 162252      | 162253      | 162257      | 162260      | 162261      |
| ## | 0.086721111 | 0.079186094 | 0.150781659 | 0.141538598 | 0.248625173 | 0.141538598 |
| ## | 162263      | 162264      | 162268      | 162270      | 162276      | 162280      |
| ## | 0.251419755 | 0.248625173 | 0.248625173 | 0.141538598 | 0.140141787 | 0.246474973 |
| ## | 162287      | 162289      | 162293      | 162305      | 162316      | 162322      |
| ## | 0.246474973 | 0.235326468 | 0.238018922 | 0.054834610 | 0.532517251 | 0.165331709 |
| ## | 162330      | 162335      | 162338      | 162339      | 162341      | 162348      |
| ## | 0.082162283 | 0.177599457 | 0.084012975 | 0.171747127 | 0.152513823 | 0.492790307 |
| ## | 162350      | 162351      | 162355      | 162356      | 162363      | 162372      |
| ## | 0.118525241 | 0.164190137 | 0.141883002 | 0.104523202 | 0.070128409 | 0.057560223 |
| ## | 162373      | 162376      | 162383      | 162389      | 162393      | 162397      |
| ## | 0.190911745 | 0.105202741 | 0.551562252 | 0.171180872 | 0.191317296 | 0.156099344 |
| ## | 162403      | 162409      | 162411      | 162414      | 162427      | 162431      |
| ## | 0.141538598 | 0.235326468 | 0.152981268 | 0.168787383 | 0.158072716 | 0.403114884 |
| ## | 162432      | 162446      | 162451      | 162453      | 162458      | 162463      |
| ## | 0.412190793 | 0.562019477 | 0.459018918 | 0.533452933 | 0.196219300 | 0.572430031 |
| ## | 162469      | 162482      | 162487      | 162494      | 162499      | 162500      |
| ## | 0.144511025 | 0.403114884 | 0.554466685 | 0.197543391 | 0.541939533 | 0.449170836 |
| ## | 162503      | 162519      | 162523      | 162524      | 162529      | 162531      |
| ## | 0.112736256 | 0.563457400 | 0.080512659 | 0.578494935 | 0.195501056 | 0.097018270 |
| ## | 162534      | 162539      | 162541      | 162545      | 162548      | 162551      |
| ## | 0.176574214 | 0.527808630 | 0.537147224 | 0.102767763 | 0.400258550 | 0.185209919 |
| ## | 162556      | 162561      | 162587      | 162590      | 162596      | 162600      |
| ## | 0.558610940 | 0.195359356 | 0.098493536 | 0.179835081 | 0.148524920 | 0.194601418 |
| ## | 162604      | 162608      | 162610      | 162611      | 162613      | 162618      |
| ## | 0.080946745 | 0.154606917 | 0.122457915 | 0.122457915 | 0.122457915 | 0.558610940 |
| ## | 162623      | 162631      | 162633      | 162644      | 162649      | 162651      |
| ## | 0.195359356 | 0.537305906 | 0.169185425 | 0.517675769 | 0.515518736 | 0.106330798 |
| ## | 162655      | 162657      | 162661      | 162662      | 162663      | 162666      |
| ## | 0.182043786 | 0.546923649 | 0.552559466 | 0.102150639 | 0.182443880 | 0.150419606 |
| ## | 162670      | 162672      | 162686      | 162688      | 162690      | 162691      |
| ## | 0.186573534 | 0.184322255 | 0.334662176 | 0.337988811 | 0.720293894 | 0.337988811 |
| ## | 162694      | 162696      | 162700      | 162704      | 162705      | 162717      |
| ## | 0.726872413 | 0.200401898 | 0.334662176 | 0.200401898 | 0.334662176 | 0.152295889 |
| ## | 162723      | 162724      | 162729      | 162730      | 162736      | 162740      |
| ## | 0.152295889 | 0.334662176 | 0.334662176 | 0.334662176 | 0.334662176 | 0.723903622 |
| ## | 162746      | 162747      | 162761      | 162762      | 162764      | 162765      |
| ## | 0.174656642 | 0.272650444 | 0.285992683 | 0.285992683 | 0.470706110 | 0.304597476 |
| ## | 162771      | 162776      | 162777      | 162780      | 162783      | 162784      |
| ## | 0.278106865 | 0.303778517 | 0.306939785 | 0.223464073 | 0.608974377 | 0.608974377 |
| ## | 162785      | 162787      | 162793      | 162794      | 162799      | 162801      |
| ## | 0.220888535 | 0.697752090 | 0.196136532 | 0.110647281 | 0.090179863 | 0.140150949 |
| ## | 162804      | 162807      | 162810      | 162816      | 162817      | 162828      |
| ## | 0.285541477 | 0.675670145 | 0.308078445 | 0.308078445 | 0.308078445 | 0.274607156 |
| ## | 162830      | 162832      | 162836      | 162840      | 162861      | 162872      |
| ## | 0.654448771 | 0.307692915 | 0.162350901 | 0.143961855 | 0.185062792 | 0.246240452 |
| ## | 162878      | 162879      | 162880      | 162881      | 162892      | 162893      |
| ## | 0.269864553 | 0.463238763 | 0.252868281 | 0.307692915 | 0.334662176 | 0.337988811 |
| ## | 162909      | 162915      | 162916      | 162919      | 162929      | 162932      |
| ## | 0.736757696 | 0.175359019 | 0.299117948 | 0.299117948 | 0.304597476 | 0.288607800 |
| ## | 162939      | 162941      | 162942      | 162945      | 162948      | 162949      |
| ## | 0.123138379 | 0.299026285 | 0.306939785 | 0.303778517 | 0.223464073 | 0.220888535 |
| ## | 162954      | 162962      | 162969      | 162970      | 162974      | 162978      |
| ## | 0.608974377 | 0.092955178 | 0.092955178 | 0.092955178 | 0.366857190 | 0.510529424 |

|    |             |             |             |             |             |             |
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| ## | 162984      | 162988      | 163000      | 163024      | 163030      | 163040      |
| ## | 0.113520567 | 0.499676318 | 0.078719345 | 0.170567591 | 0.167596947 | 0.097687820 |
| ## | 163044      | 163050      | 163053      | 163054      | 163060      | 163064      |
| ## | 0.466927472 | 0.453699118 | 0.095531951 | 0.077418105 | 0.200416976 | 0.120754293 |
| ## | 163066      | 163067      | 163068      | 163069      | 163086      | 163087      |
| ## | 0.125660210 | 0.125660210 | 0.119004853 | 0.121908773 | 0.063494547 | 0.086262851 |
| ## | 163089      | 163095      | 163097      | 163100      | 163115      | 163121      |
| ## | 0.086262851 | 0.074806273 | 0.114821912 | 0.211817004 | 0.213648790 | 0.342011283 |
| ## | 163128      | 163131      | 163132      | 163133      | 163134      | 163141      |
| ## | 0.342011283 | 0.342011283 | 0.345373050 | 0.342011283 | 0.345373050 | 0.345373050 |
| ## | 163152      | 163158      | 163161      | 163171      | 163175      | 163178      |
| ## | 0.342011283 | 0.342011283 | 0.342011283 | 0.345373050 | 0.342011283 | 0.342011283 |
| ## | 163179      | 163185      | 163188      | 163193      | 163194      | 163199      |
| ## | 0.345373050 | 0.342011283 | 0.205714265 | 0.342011283 | 0.205714265 | 0.342011283 |
| ## | 163202      | 163208      | 163209      | 163225      | 163228      | 163231      |
| ## | 0.342011283 | 0.161297014 | 0.342011283 | 0.342011283 | 0.345373050 | 0.345373050 |
| ## | 163237      | 163238      | 163240      | 163242      | 163244      | 163249      |
| ## | 0.342011283 | 0.205714265 | 0.342011283 | 0.221318532 | 0.096009983 | 0.226581164 |
| ## | 163255      | 163256      | 163259      | 163261      | 163262      | 163263      |
| ## | 0.244337385 | 0.244337385 | 0.247099621 | 0.244337385 | 0.244337385 | 0.244337385 |
| ## | 163265      | 163269      | 163275      | 163278      | 163279      | 163281      |
| ## | 0.244337385 | 0.244337385 | 0.138756573 | 0.221991601 | 0.224576294 | 0.211234516 |
| ## | 163282      | 163283      | 163284      | 163294      | 163301      | 163303      |
| ## | 0.223876265 | 0.053270640 | 0.132003090 | 0.236233577 | 0.741752772 | 0.351856972 |
| ## | 163313      | 163315      | 163329      | 163333      | 163338      | 163340      |
| ## | 0.725555984 | 0.732793456 | 0.356866704 | 0.752968836 | 0.349506936 | 0.253850448 |
| ## | 163349      | 163351      | 163359      | 163364      | 163373      | 163377      |
| ## | 0.267140037 | 0.200803946 | 0.195047451 | 0.730522607 | 0.190998953 | 0.200618807 |
| ## | 163379      | 163380      | 163382      | 163388      | 163391      | 163392      |
| ## | 0.359758761 | 0.247265264 | 0.311791647 | 0.221211617 | 0.366536367 | 0.366536367 |
| ## | 163396      | 163399      | 163400      | 163401      | 163416      | 163418      |
| ## | 0.366536367 | 0.340460508 | 0.653659067 | 0.207696550 | 0.188999771 | 0.287391603 |
| ## | 163430      | 163432      | 163438      | 163445      | 163449      | 163456      |
| ## | 0.223462114 | 0.369563741 | 0.366098192 | 0.223462114 | 0.369563741 | 0.366098192 |
| ## | 163460      | 163461      | 163463      | 163466      | 163477      | 163488      |
| ## | 0.223462114 | 0.366098192 | 0.223462114 | 0.223462114 | 0.359629366 | 0.346161676 |
| ## | 163500      | 163504      | 163507      | 163511      | 163515      | 163523      |
| ## | 0.204008450 | 0.352120785 | 0.340088371 | 0.219816641 | 0.222383249 | 0.337214399 |
| ## | 163524      | 163533      | 163543      | 163546      | 163549      | 163555      |
| ## | 0.729712916 | 0.729943175 | 0.491685912 | 0.491685912 | 0.325223150 | 0.325223150 |
| ## | 163563      | 163564      | 163576      | 163580      | 163591      | 163596      |
| ## | 0.491685912 | 0.495411190 | 0.495411190 | 0.491685912 | 0.841902777 | 0.495411190 |
| ## | 163598      | 163601      | 163603      | 163604      | 163606      | 163610      |
| ## | 0.495411190 | 0.841902777 | 0.491685912 | 0.491685912 | 0.831995154 | 0.495411190 |
| ## | 163622      | 163625      | 163630      | 163637      | 163639      | 163641      |
| ## | 0.495411190 | 0.325223150 | 0.836542708 | 0.495411190 | 0.491685912 | 0.495411190 |
| ## | 163650      | 163653      | 163656      | 163658      | 163663      | 163665      |
| ## | 0.491685912 | 0.325223150 | 0.332060873 | 0.335374685 | 0.347175233 | 0.347175233 |
| ## | 163673      | 163681      | 163692      | 163695      | 163696      | 163702      |
| ## | 0.342453207 | 0.632052676 | 0.332339700 | 0.736891538 | 0.245726341 | 0.355263264 |
| ## | 163706      | 163707      | 163708      | 163716      | 163718      | 163724      |
| ## | 0.123413266 | 0.608694474 | 0.312291841 | 0.335903066 | 0.319681327 | 0.156985636 |
| ## | 163751      | 163752      | 163753      | 163756      | 163777      | 163781      |
| ## | 0.157221656 | 0.703674700 | 0.345460147 | 0.307115936 | 0.325389084 | 0.330390400 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 163782      | 163785      | 163789      | 163790      | 163796      | 163798      |
| ## | 0.331237266 | 0.329750556 | 0.305128110 | 0.699094460 | 0.356421003 | 0.216268937 |
| ## | 163809      | 163810      | 163812      | 163814      | 163821      | 163825      |
| ## | 0.314843913 | 0.334204049 | 0.334204049 | 0.330896045 | 0.334204049 | 0.197697722 |
| ## | 163827      | 163835      | 163836      | 163837      | 163838      | 163844      |
| ## | 0.333872367 | 0.359938998 | 0.359938998 | 0.359938998 | 0.359938998 | 0.316534556 |
| ## | 163850      | 163851      | 163852      | 163859      | 163871      | 163874      |
| ## | 0.750049457 | 0.723176758 | 0.337865968 | 0.318348975 | 0.357385918 | 0.340897990 |
| ## | 163878      | 163879      | 163883      | 163884      | 163885      | 163886      |
| ## | 0.752104710 | 0.358716097 | 0.358716097 | 0.358716097 | 0.358716097 | 0.754872944 |
| ## | 163889      | 163893      | 163903      | 163917      | 163927      | 163929      |
| ## | 0.217967204 | 0.316769258 | 0.336401533 | 0.749389712 | 0.460854407 | 0.460854407 |
| ## | 163935      | 163936      | 163937      | 163946      | 163949      | 163951      |
| ## | 0.824741837 | 0.460854407 | 0.298696123 | 0.460854407 | 0.464559578 | 0.460854407 |
| ## | 163954      | 163957      | 163962      | 163967      | 163968      | 163975      |
| ## | 0.240275702 | 0.464559578 | 0.464559578 | 0.354840050 | 0.257400502 | 0.250959478 |
| ## | 163978      | 163988      | 163989      | 163990      | 163993      | 163999      |
| ## | 0.402059651 | 0.787316176 | 0.405647777 | 0.405647777 | 0.250959478 | 0.342062754 |
| ## | 164002      | 164011      | 164013      | 164015      | 164017      | 164028      |
| ## | 0.337398143 | 0.341214044 | 0.295041963 | 0.298151249 | 0.362935506 | 0.320218367 |
| ## | 164040      | 164053      | 164054      | 164055      | 164064      | 164071      |
| ## | 0.314181680 | 0.179792475 | 0.380312730 | 0.764545561 | 0.725528487 | 0.328529988 |
| ## | 164072      | 164078      | 164081      | 164084      | 164085      | 164086      |
| ## | 0.328529988 | 0.232436464 | 0.229788115 | 0.378623346 | 0.378623346 | 0.767312863 |
| ## | 164087      | 164098      | 164100      | 164104      | 164106      | 164109      |
| ## | 0.757823260 | 0.346163192 | 0.346163192 | 0.345543598 | 0.348921674 | 0.342575783 |
| ## | 164112      | 164113      | 164122      | 164123      | 164124      | 164125      |
| ## | 0.321123723 | 0.322589312 | 0.732855802 | 0.341574403 | 0.329213607 | 0.325930818 |
| ## | 164128      | 164138      | 164139      | 164140      | 164150      | 164153      |
| ## | 0.369170980 | 0.236549135 | 0.100572781 | 0.249823138 | 0.140508796 | 0.247040447 |
| ## | 164155      | 164158      | 164160      | 164162      | 164163      | 164171      |
| ## | 0.626828241 | 0.247040447 | 0.247040447 | 0.140508796 | 0.247040447 | 0.141432239 |
| ## | 164182      | 164183      | 164186      | 164196      | 164208      | 164212      |
| ## | 0.203271296 | 0.205695652 | 0.157196011 | 0.493599549 | 0.231863534 | 0.091844450 |
| ## | 164220      | 164222      | 164223      | 164224      | 164230      | 164240      |
| ## | 0.208080895 | 0.600067954 | 0.205635705 | 0.205635705 | 0.117389314 | 0.210430634 |
| ## | 164244      | 164245      | 164257      | 164262      | 164263      | 164269      |
| ## | 0.224848880 | 0.157318403 | 0.135791261 | 0.137068013 | 0.129871706 | 0.418262672 |
| ## | 164270      | 164282      | 164283      | 164291      | 164294      | 164296      |
| ## | 0.121213240 | 0.111565433 | 0.111565433 | 0.576670335 | 0.162863496 | 0.109084091 |
| ## | 164297      | 164299      | 164300      | 164315      | 164318      | 164328      |
| ## | 0.167216152 | 0.198669532 | 0.148480329 | 0.221634364 | 0.205118128 | 0.204892699 |
| ## | 164333      | 164338      | 164339      | 164340      | 164342      | 164345      |
| ## | 0.209458684 | 0.209308424 | 0.089206345 | 0.209308424 | 0.209308424 | 0.569033878 |
| ## | 164349      | 164359      | 164363      | 164365      | 164376      | 164386      |
| ## | 0.191861926 | 0.168389503 | 0.571763455 | 0.203910257 | 0.395802822 | 0.210362835 |
| ## | 164388      | 164394      | 164395      | 164404      | 164418      | 164431      |
| ## | 0.206117530 | 0.189321505 | 0.189321505 | 0.504134921 | 0.108813893 | 0.108813893 |
| ## | 164434      | 164445      | 164452      | 164453      | 164459      | 164470      |
| ## | 0.108813893 | 0.108813893 | 0.108813893 | 0.108813893 | 0.199184422 | 0.108813893 |
| ## | 164479      | 164489      | 164491      | 164498      | 164504      | 164515      |
| ## | 0.574298422 | 0.112084441 | 0.100196105 | 0.186284254 | 0.163652599 | 0.158846153 |
| ## | 164533      | 164539      | 164546      | 164560      | 164561      | 164577      |
| ## | 0.114559144 | 0.176951126 | 0.043729842 | 0.178811378 | 0.085196833 | 0.183266086 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 164585      | 164589      | 164601      | 164602      | 164604      | 164606      |
| ## | 0.159987484 | 0.504576851 | 0.371824321 | 0.089005445 | 0.102495340 | 0.162307895 |
| ## | 164608      | 164613      | 164614      | 164617      | 164618      | 164619      |
| ## | 0.483570345 | 0.171065174 | 0.171065174 | 0.156515428 | 0.083485743 | 0.083485743 |
| ## | 164621      | 164637      | 164638      | 164644      | 164650      | 164652      |
| ## | 0.083485743 | 0.126383977 | 0.441376478 | 0.164553018 | 0.166612160 | 0.089370527 |
| ## | 164656      | 164658      | 164660      | 164664      | 164665      | 164671      |
| ## | 0.166612160 | 0.164553018 | 0.164553018 | 0.164553018 | 0.164553018 | 0.140573213 |
| ## | 164672      | 164673      | 164676      | 164678      | 164679      | 164682      |
| ## | 0.067237010 | 0.137530247 | 0.107942875 | 0.057458798 | 0.137826433 | 0.407105443 |
| ## | 164691      | 164695      | 164696      | 164697      | 164702      | 164705      |
| ## | 0.204020585 | 0.204020585 | 0.204020585 | 0.204020585 | 0.132022442 | 0.209501668 |
| ## | 164709      | 164712      | 164716      | 164717      | 164719      | 164721      |
| ## | 0.206704236 | 0.128444588 | 0.275699668 | 0.275699668 | 0.278685697 | 0.275699668 |
| ## | 164728      | 164729      | 164731      | 164737      | 164739      | 164744      |
| ## | 0.159426006 | 0.275699668 | 0.159426006 | 0.275699668 | 0.275699668 | 0.159426006 |
| ## | 164748      | 164752      | 164753      | 164761      | 164767      | 164770      |
| ## | 0.159426006 | 0.278685697 | 0.278685697 | 0.107070409 | 0.172220187 | 0.121854554 |
| ## | 164775      | 164783      | 164791      | 164794      | 164804      | 164812      |
| ## | 0.152715906 | 0.158875314 | 0.097883414 | 0.111968703 | 0.188037914 | 0.178954323 |
| ## | 164820      | 164825      | 164826      | 164831      | 164832      | 164836      |
| ## | 0.095815344 | 0.182166560 | 0.184397462 | 0.182166560 | 0.182166560 | 0.184397462 |
| ## | 164837      | 164842      | 164846      | 164848      | 164850      | 164851      |
| ## | 0.182166560 | 0.182166560 | 0.182166560 | 0.182166560 | 0.184397462 | 0.182166560 |
| ## | 164856      | 164862      | 164864      | 164866      | 164871      | 164876      |
| ## | 0.099898908 | 0.184397462 | 0.099898908 | 0.104577759 | 0.084011650 | 0.193080680 |
| ## | 164877      | 164880      | 164882      | 164883      | 164886      | 164887      |
| ## | 0.193080680 | 0.193080680 | 0.106526146 | 0.164461310 | 0.088904484 | 0.088904484 |
| ## | 164891      | 164907      | 164911      | 164912      | 164914      | 164915      |
| ## | 0.027129475 | 0.063937778 | 0.081197289 | 0.152558350 | 0.152558350 | 0.150641501 |
| ## | 164916      | 164922      | 164930      | 164937      | 164938      | 164939      |
| ## | 0.150641501 | 0.066749848 | 0.450445496 | 0.090097592 | 0.050366372 | 0.148515104 |
| ## | 164940      | 164944      | 164960      | 164963      | 164965      | 164970      |
| ## | 0.148515104 | 0.091715257 | 0.144608182 | 0.091751833 | 0.072532351 | 0.070662098 |
| ## | 164973      | 164977      | 164982      | 164985      | 164986      | 164989      |
| ## | 0.361831852 | 0.085473623 | 0.145205416 | 0.089810146 | 0.089810146 | 0.128460054 |
| ## | 165010      | 165015      | 165037      | 165041      | 165045      | 165056      |
| ## | 0.133545966 | 0.160322346 | 0.144370823 | 0.142539545 | 0.076493883 | 0.465223699 |
| ## | 165057      | 165079      | 165081      | 165082      | 165089      | 165094      |
| ## | 0.073277875 | 0.170611870 | 0.091720041 | 0.168513291 | 0.105718969 | 0.370177411 |
| ## | 165097      | 165105      | 165107      | 165110      | 165117      | 165120      |
| ## | 0.133631454 | 0.054486147 | 0.072570165 | 0.074948414 | 0.342434078 | 0.135389006 |
| ## | 165129      | 165144      | 165155      | 165160      | 165165      | 165176      |
| ## | 0.172539490 | 0.416750649 | 0.045443139 | 0.082614370 | 0.473294133 | 0.628654285 |
| ## | 165179      | 165182      | 165187      | 165191      | 165203      | 165209      |
| ## | 0.244524024 | 0.244524024 | 0.245330893 | 0.638102666 | 0.110850647 | 0.116040483 |
| ## | 165214      | 165229      | 165238      | 165239      | 165244      | 165255      |
| ## | 0.206899912 | 0.522791117 | 0.212654799 | 0.134554577 | 0.240532979 | 0.584696904 |
| ## | 165256      | 165267      | 165268      | 165270      | 165273      | 165276      |
| ## | 0.212654799 | 0.236993776 | 0.610391280 | 0.132303091 | 0.630001094 | 0.597659925 |
| ## | 165280      | 165281      | 165282      | 165287      | 165289      | 165292      |
| ## | 0.238490219 | 0.614835307 | 0.148954529 | 0.229516986 | 0.465584436 | 0.592817117 |
| ## | 165294      | 165298      | 165300      | 165302      | 165304      | 165311      |
| ## | 0.579054284 | 0.254747489 | 0.251928368 | 0.251928368 | 0.254747489 | 0.581747499 |

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| ## | 165312      | 165319      | 165327      | 165332      | 165341      | 165349      |
| ## | 0.591888917 | 0.237571779 | 0.074011479 | 0.281021621 | 0.281021621 | 0.281021621 |
| ## | 165350      | 165353      | 165357      | 165365      | 165367      | 165372      |
| ## | 0.163008613 | 0.284042686 | 0.163008613 | 0.284042686 | 0.163008613 | 0.281021621 |
| ## | 165373      | 165380      | 165382      | 165383      | 165401      | 165413      |
| ## | 0.163008613 | 0.281021621 | 0.281021621 | 0.281021621 | 0.281021621 | 0.281021621 |
| ## | 165418      | 165427      | 165430      | 165432      | 165442      | 165445      |
| ## | 0.163008613 | 0.163008613 | 0.163008613 | 0.163008613 | 0.163008613 | 0.281021621 |
| ## | 165452      | 165453      | 165457      | 165463      | 165464      | 165465      |
| ## | 0.281021621 | 0.163008613 | 0.284042686 | 0.666788067 | 0.284042686 | 0.281021621 |
| ## | 165474      | 165475      | 165476      | 165477      | 165479      | 165480      |
| ## | 0.281021621 | 0.281021621 | 0.281021621 | 0.284042686 | 0.163008613 | 0.281021621 |
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| ## | 0.284042686 | 0.281021621 | 0.281021621 | 0.169552188 | 0.169335033 | 0.169335033 |
| ## | 165507      | 165510      | 165517      | 165518      | 165522      | 165528      |
| ## | 0.558377668 | 0.221647423 | 0.589905068 | 0.209616736 | 0.427205782 | 0.168765171 |
| ## | 165529      | 165531      | 165535      | 165542      | 165545      | 165546      |
| ## | 0.166684742 | 0.193210760 | 0.159371173 | 0.193661033 | 0.588572913 | 0.588572913 |
| ## | 165553      | 165556      | 165557      | 165566      | 165567      | 165569      |
| ## | 0.114859060 | 0.160742750 | 0.192248725 | 0.129451127 | 0.212959808 | 0.192701264 |
| ## | 165572      | 165573      | 165577      | 165579      | 165593      | 165594      |
| ## | 0.190393351 | 0.190393351 | 0.122729309 | 0.089572337 | 0.102295840 | 0.102295840 |
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| ## | 0.102295840 | 0.169876310 | 0.180356701 | 0.468638039 | 0.089391494 | 0.172425809 |
| ## | 165612      | 165615      | 165616      | 165627      | 165632      | 165639      |
| ## | 0.140899019 | 0.180775291 | 0.421176402 | 0.197334660 | 0.123158777 | 0.154572212 |
| ## | 165642      | 165648      | 165649      | 165664      | 165665      | 165669      |
| ## | 0.152634618 | 0.200836156 | 0.081992798 | 0.070616610 | 0.194352439 | 0.117637008 |
| ## | 165676      | 165683      | 165695      | 165697      | 165713      | 165714      |
| ## | 0.119583804 | 0.452163226 | 0.576176175 | 0.188604514 | 0.076041569 | 0.141756646 |
| ## | 165717      | 165729      | 165731      | 165734      | 165741      | 165746      |
| ## | 0.115716477 | 0.130374913 | 0.199021000 | 0.107372371 | 0.190723829 | 0.116719863 |
| ## | 165760      | 165762      | 165763      | 165767      | 165769      | 165771      |
| ## | 0.113264548 | 0.575609594 | 0.113264548 | 0.585284273 | 0.113264548 | 0.204043812 |
| ## | 165783      | 165786      | 165793      | 165799      | 165800      | 165802      |
| ## | 0.164311151 | 0.133302051 | 0.201113726 | 0.217722836 | 0.215195131 | 0.212790298 |
| ## | 165804      | 165811      | 165812      | 165819      | 165822      | 165830      |
| ## | 0.212790298 | 0.559877237 | 0.058559582 | 0.099792361 | 0.187996977 | 0.210418561 |
| ## | 165833      | 165838      | 165851      | 165864      | 165876      | 165880      |
| ## | 0.200983808 | 0.144370621 | 0.056734299 | 0.138353700 | 0.221587307 | 0.224168649 |
| ## | 165889      | 165890      | 165893      | 165906      | 165915      | 165921      |
| ## | 0.204956027 | 0.166614966 | 0.194636558 | 0.109720840 | 0.045548582 | 0.164227842 |
| ## | 165922      | 165938      | 165941      | 165942      | 165945      | 165949      |
| ## | 0.166283725 | 0.153860840 | 0.075608503 | 0.520544134 | 0.038158530 | 0.158618869 |
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| ## | 0.158618869 | 0.495635390 | 0.158618869 | 0.158618869 | 0.158618869 | 0.158618869 |
| ## | 165985      | 165987      | 165992      | 165994      | 165998      | 166001      |
| ## | 0.062794344 | 0.158618869 | 0.167107860 | 0.502981182 | 0.173062754 | 0.173062754 |
| ## | 166003      | 166004      | 166007      | 166008      | 166020      | 166023      |
| ## | 0.157652211 | 0.509570393 | 0.026292691 | 0.029633870 | 0.151067844 | 0.152989140 |
| ## | 166028      | 166031      | 166033      | 166035      | 166041      | 166046      |
| ## | 0.151067844 | 0.506923113 | 0.151067844 | 0.081445938 | 0.494866066 | 0.118049048 |
| ## | 166049      | 166058      | 166071      | 166075      | 166080      | 166086      |
| ## | 0.065277727 | 0.175523772 | 0.151644032 | 0.149736642 | 0.151644032 | 0.149736642 |

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| ## | 166088      | 166093      | 166098      | 166117      | 166121      | 166126      |
| ## | 0.478616422 | 0.080669942 | 0.324794295 | 0.149736642 | 0.080669942 | 0.151644032 |
| ## | 166127      | 166131      | 166136      | 166139      | 166143      | 166147      |
| ## | 0.151644032 | 0.079690954 | 0.148054464 | 0.149944205 | 0.137474297 | 0.065656053 |
| ## | 166150      | 166152      | 166169      | 166179      | 166186      | 166187      |
| ## | 0.087087351 | 0.151508575 | 0.123378142 | 0.168909340 | 0.556540999 | 0.194043705 |
| ## | 166189      | 166190      | 166194      | 166198      | 166200      | 166204      |
| ## | 0.196385133 | 0.194043705 | 0.194043705 | 0.198140062 | 0.088177474 | 0.181987971 |
| ## | 166209      | 166216      | 166217      | 166225      | 166231      | 166234      |
| ## | 0.546830751 | 0.125059248 | 0.123437589 | 0.455183052 | 0.132890868 | 0.070946012 |
| ## | 166238      | 166241      | 166250      | 166251      | 166271      | 166277      |
| ## | 0.439659671 | 0.439659671 | 0.487720588 | 0.186159578 | 0.091396401 | 0.171078119 |
| ## | 166280      | 166282      | 166283      | 166285      | 166287      | 166292      |
| ## | 0.091994607 | 0.168974973 | 0.161741592 | 0.356658836 | 0.407301262 | 0.086916548 |
| ## | 166294      | 166295      | 166298      | 166303      | 166304      | 166305      |
| ## | 0.151978117 | 0.151978117 | 0.417303029 | 0.494686166 | 0.547094124 | 0.188139464 |
| ## | 166311      | 166313      | 166315      | 166320      | 166321      | 166326      |
| ## | 0.185873607 | 0.188139464 | 0.188139464 | 0.188139464 | 0.547094124 | 0.144760074 |
| ## | 166332      | 166335      | 166342      | 166343      | 166349      | 166354      |
| ## | 0.162643154 | 0.177633053 | 0.057545809 | 0.057545809 | 0.089978591 | 0.090242271 |
| ## | 166358      | 166360      | 166365      | 166366      | 166370      | 166374      |
| ## | 0.158254143 | 0.161853159 | 0.134891055 | 0.052506393 | 0.127328925 | 0.127328925 |
| ## | 166375      | 166384      | 166386      | 166391      | 166393      | 166421      |
| ## | 0.440721389 | 0.124875220 | 0.430192395 | 0.057063457 | 0.055114745 | 0.488168075 |
| ## | 166426      | 166428      | 166430      | 166431      | 166442      | 166445      |
| ## | 0.093739405 | 0.099286591 | 0.099525632 | 0.459462817 | 0.622146050 | 0.269106910 |
| ## | 166459      | 166462      | 166464      | 166469      | 166472      | 166473      |
| ## | 0.219938360 | 0.259411955 | 0.206135466 | 0.699184367 | 0.312238177 | 0.273630829 |
| ## | 166483      | 166491      | 166501      | 166507      | 166518      | 166520      |
| ## | 0.578161148 | 0.302611417 | 0.269513499 | 0.298148936 | 0.699376678 | 0.699376678 |
| ## | 166521      | 166522      | 166523      | 166525      | 166527      | 166529      |
| ## | 0.312434598 | 0.699376678 | 0.299802238 | 0.693757561 | 0.279908205 | 0.267312505 |
| ## | 166530      | 166531      | 166533      | 166535      | 166537      | 166543      |
| ## | 0.271769938 | 0.292886243 | 0.292886243 | 0.679545947 | 0.295982349 | 0.265954688 |
| ## | 166558      | 166564      | 166570      | 166574      | 166575      | 166576      |
| ## | 0.286245790 | 0.297222266 | 0.308066051 | 0.311251990 | 0.669748032 | 0.259821062 |
| ## | 166579      | 166599      | 166609      | 166610      | 166619      | 166621      |
| ## | 0.148867666 | 0.655610156 | 0.318793650 | 0.702424157 | 0.284098224 | 0.287139156 |
| ## | 166622      | 166630      | 166632      | 166637      | 166639      | 166645      |
| ## | 0.284098224 | 0.695761027 | 0.308764772 | 0.695761027 | 0.708428367 | 0.305172982 |
| ## | 166647      | 166648      | 166649      | 166656      | 166658      | 166660      |
| ## | 0.697258725 | 0.310279009 | 0.310279009 | 0.320069427 | 0.280238443 | 0.605736999 |
| ## | 166664      | 166668      | 166671      | 166674      | 166682      | 166683      |
| ## | 0.556176601 | 0.278417445 | 0.269513499 | 0.663092180 | 0.328447638 | 0.195946267 |
| ## | 166686      | 166691      | 166693      | 166699      | 166701      | 166705      |
| ## | 0.721270144 | 0.328447638 | 0.328447638 | 0.256621425 | 0.187325497 | 0.220914874 |
| ## | 166709      | 166726      | 166727      | 166729      | 166731      | 166732      |
| ## | 0.300151926 | 0.320371798 | 0.320371798 | 0.320371798 | 0.713801963 | 0.320371798 |
| ## | 166739      | 166748      | 166749      | 166752      | 166755      | 166759      |
| ## | 0.239025559 | 0.303200619 | 0.134512489 | 0.301450979 | 0.301450979 | 0.179808357 |
| ## | 166768      | 166770      | 166771      | 166772      | 166781      | 166782      |
| ## | 0.343183703 | 0.724930314 | 0.748363326 | 0.339832184 | 0.748363326 | 0.339832184 |
| ## | 166785      | 166787      | 166795      | 166797      | 166803      | 166812      |
| ## | 0.339832184 | 0.724930314 | 0.292628392 | 0.570365363 | 0.274381856 | 0.182130499 |

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| ## | 166814      | 166820      | 166822      | 166825      | 166838      | 166842      |
| ## | 0.620447177 | 0.123213718 | 0.590620194 | 0.310799982 | 0.645188680 | 0.271769938 |
| ## | 166845      | 166846      | 166851      | 166857      | 166859      | 166861      |
| ## | 0.223774537 | 0.223774537 | 0.205452655 | 0.205452655 | 0.120878442 | 0.295535882 |
| ## | 166866      | 166867      | 166868      | 166885      | 166895      | 166901      |
| ## | 0.295535882 | 0.292442506 | 0.292442506 | 0.170772559 | 0.292442506 | 0.170772559 |
| ## | 166902      | 166906      | 166916      | 166919      | 166920      | 166928      |
| ## | 0.295535882 | 0.295535882 | 0.295535882 | 0.295535882 | 0.295535882 | 0.165568818 |
| ## | 166932      | 166935      | 166937      | 166940      | 166942      | 166949      |
| ## | 0.205392407 | 0.142495223 | 0.585046671 | 0.101835802 | 0.271792493 | 0.665577639 |
| ## | 166950      | 166952      | 166954      | 166956      | 166957      | 166961      |
| ## | 0.665577639 | 0.239906540 | 0.150713969 | 0.150713969 | 0.645814617 | 0.116431441 |
| ## | 166975      | 166982      | 166989      | 166990      | 166994      | 167000      |
| ## | 0.647917364 | 0.172832596 | 0.196146935 | 0.729437861 | 0.714869252 | 0.721526029 |
| ## | 167001      | 167006      | 167022      | 167024      | 167026      | 167028      |
| ## | 0.714869252 | 0.714869252 | 0.332025610 | 0.714869252 | 0.711821718 | 0.476918203 |
| ## | 167035      | 167039      | 167042      | 167047      | 167048      | 167055      |
| ## | 0.799090841 | 0.440885821 | 0.437215288 | 0.440885821 | 0.279069376 | 0.279069376 |
| ## | 167057      | 167065      | 167067      | 167068      | 167070      | 167072      |
| ## | 0.217209207 | 0.804319573 | 0.223265571 | 0.279069376 | 0.799090841 | 0.440885821 |
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| ## | 0.799090841 | 0.440885821 | 0.440885821 | 0.223265571 | 0.799090841 | 0.796687469 |
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| ## | 0.440885821 | 0.440885821 | 0.440885821 | 0.799090841 | 0.440885821 | 0.279069376 |
| ## | 167131      | 167134      | 167138      | 167143      | 167149      | 167155      |
| ## | 0.799090841 | 0.799090841 | 0.279069376 | 0.223265571 | 0.799090841 | 0.799090841 |
| ## | 167156      | 167158      | 167160      | 167167      | 167168      | 167171      |
| ## | 0.799090841 | 0.799090841 | 0.279069376 | 0.440885821 | 0.799090841 | 0.223265571 |
| ## | 167175      | 167178      | 167181      | 167182      | 167187      | 167190      |
| ## | 0.440885821 | 0.440885821 | 0.799090841 | 0.796687469 | 0.810496933 | 0.799090841 |
| ## | 167191      | 167192      | 167199      | 167200      | 167206      | 167207      |
| ## | 0.799090841 | 0.799090841 | 0.799090841 | 0.808197255 | 0.223265571 | 0.437215288 |
| ## | 167224      | 167234      | 167239      | 167240      | 167241      | 167253      |
| ## | 0.591810030 | 0.799090841 | 0.799090841 | 0.437215288 | 0.440885821 | 0.440885821 |
| ## | 167257      | 167260      | 167262      | 167264      | 167265      | 167267      |
| ## | 0.799090841 | 0.799090841 | 0.799090841 | 0.437215288 | 0.440885821 | 0.279069376 |
| ## | 167268      | 167269      | 167271      | 167284      | 167288      | 167299      |
| ## | 0.440885821 | 0.223265571 | 0.279069376 | 0.799090841 | 0.799090841 | 0.799090841 |
| ## | 167309      | 167321      | 167323      | 167324      | 167334      | 167342      |
| ## | 0.799090841 | 0.440885821 | 0.804319573 | 0.591810030 | 0.223265571 | 0.223265571 |
| ## | 167344      | 167354      | 167355      | 167373      | 167375      | 167379      |
| ## | 0.437215288 | 0.620586853 | 0.620586853 | 0.495886576 | 0.216692316 | 0.576112026 |
| ## | 167403      | 167420      | 167421      | 167424      | 167428      | 167429      |
| ## | 0.716854726 | 0.716854726 | 0.479946847 | 0.716854726 | 0.731360011 | 0.716854726 |
| ## | 167445      | 167447      | 167452      | 167453      | 167458      | 167466      |
| ## | 0.716854726 | 0.716854726 | 0.334194051 | 0.716854726 | 0.716854726 | 0.154668439 |
| ## | 167467      | 167469      | 167478      | 167480      | 167482      | 167487      |
| ## | 0.716854726 | 0.716854726 | 0.723483080 | 0.716854726 | 0.731360011 | 0.574758118 |
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| ## | 0.081010507 | 0.300770847 | 0.291503397 | 0.675558657 | 0.640009725 | 0.114421199 |
| ## | 167510      | 167516      | 167523      | 167524      | 167526      | 167528      |
| ## | 0.196522269 | 0.583623242 | 0.209851617 | 0.572576125 | 0.600463133 | 0.605291740 |
| ## | 167534      | 167536      | 167538      | 167540      | 167551      | 167557      |
| ## | 0.159017387 | 0.488244548 | 0.468952722 | 0.467827727 | 0.187882781 | 0.187882781 |

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| ## | 167568      | 167572      | 167574      | 167575      | 167583      | 167586      |
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| ## | 0.234234011 | 0.236917838 | 0.132254884 | 0.234234011 | 0.236917838 | 0.234234011 |
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| ## | 167659      | 167665      | 167666      | 167682      | 167685      | 167688      |
| ## | 0.234234011 | 0.132254884 | 0.234234011 | 0.123758153 | 0.155218141 | 0.528936873 |
| ## | 167693      | 167694      | 167706      | 167708      | 167713      | 167717      |
| ## | 0.111044159 | 0.545643301 | 0.115672221 | 0.438521617 | 0.117301984 | 0.194491442 |
| ## | 167725      | 167739      | 167743      | 167746      | 167750      | 167757      |
| ## | 0.480454923 | 0.067028070 | 0.073972283 | 0.169758928 | 0.168222476 | 0.138254472 |
| ## | 167758      | 167760      | 167776      | 167778      | 167781      | 167783      |
| ## | 0.161269192 | 0.086961935 | 0.198642899 | 0.108484777 | 0.124543121 | 0.181144600 |
| ## | 167798      | 167800      | 167803      | 167807      | 167815      | 167818      |
| ## | 0.166574105 | 0.189156120 | 0.104133853 | 0.104133853 | 0.522564091 | 0.201484662 |
| ## | 167822      | 167832      | 167835      | 167842      | 167843      | 167848      |
| ## | 0.203893162 | 0.082553854 | 0.172369235 | 0.204502913 | 0.112057019 | 0.187550648 |
| ## | 167852      | 167855      | 167858      | 167859      | 167866      | 167868      |
| ## | 0.170277341 | 0.190222779 | 0.114489349 | 0.114489349 | 0.186202733 | 0.166474733 |
| ## | 167879      | 167882      | 167883      | 167890      | 167921      | 167923      |
| ## | 0.175269055 | 0.147246781 | 0.098032190 | 0.110049469 | 0.151006334 | 0.358292434 |
| ## | 167928      | 167934      | 167938      | 167946      | 167949      | 167957      |
| ## | 0.127353436 | 0.680545737 | 0.564686960 | 0.300427018 | 0.699166107 | 0.297304053 |
| ## | 167958      | 167964      | 167971      | 167972      | 167974      | 167982      |
| ## | 0.297304053 | 0.187088905 | 0.281092803 | 0.693840700 | 0.284114331 | 0.187698702 |
| ## | 167988      | 167989      | 167990      | 167991      | 167996      | 168003      |
| ## | 0.285266564 | 0.710834474 | 0.685375946 | 0.682153340 | 0.685375946 | 0.349471200 |
| ## | 168004      | 168005      | 168008      | 168016      | 168020      | 168029      |
| ## | 0.208683520 | 0.346090632 | 0.349471200 | 0.131070137 | 0.232380371 | 0.223804196 |
| ## | 168041      | 168052      | 168055      | 168064      | 168070      | 168071      |
| ## | 0.541206185 | 0.484357687 | 0.137986717 | 0.348929974 | 0.152442186 | 0.161427103 |
| ## | 168077      | 168099      | 168100      | 168102      | 168117      | 168119      |
| ## | 0.049663875 | 0.353780316 | 0.140612026 | 0.151910855 | 0.120308859 | 0.257644857 |
| ## | 168123      | 168124      | 168135      | 168143      | 168144      | 168146      |
| ## | 0.060311001 | 0.052784123 | 0.142818165 | 0.093456423 | 0.173556393 | 0.171429082 |
| ## | 168154      | 168158      | 168164      | 168175      | 168183      | 168186      |
| ## | 0.093456423 | 0.093456423 | 0.130631112 | 0.161898377 | 0.146679432 | 0.095270868 |
| ## | 168189      | 168192      | 168193      | 168199      | 168201      | 168205      |
| ## | 0.144951902 | 0.151457582 | 0.107664074 | 0.073795249 | 0.089426939 | 0.088372384 |
| ## | 168208      | 168210      | 168214      | 168215      | 168219      | 168229      |
| ## | 0.490600708 | 0.084300979 | 0.151250201 | 0.151250201 | 0.154691221 | 0.370016446 |
| ## | 168238      | 168245      | 168248      | 168255      | 168256      | 168257      |
| ## | 0.087735885 | 0.084271175 | 0.084271175 | 0.084271175 | 0.084271175 | 0.084271175 |
| ## | 168258      | 168259      | 168266      | 168272      | 168279      | 168282      |
| ## | 0.155898270 | 0.084271175 | 0.084271175 | 0.084271175 | 0.084271175 | 0.084271175 |
| ## | 168284      | 168291      | 168294      | 168302      | 168319      | 168321      |
| ## | 0.155898270 | 0.141098227 | 0.042744965 | 0.063226424 | 0.118450239 | 0.061878701 |
| ## | 168331      | 168332      | 168339      | 168340      | 168346      | 168362      |
| ## | 0.049919231 | 0.109432863 | 0.104853932 | 0.104853932 | 0.252506935 | 0.250334349 |
| ## | 168370      | 168372      | 168373      | 168385      | 168386      | 168387      |
| ## | 0.142651371 | 0.250334349 | 0.104138094 | 0.142586748 | 0.115423939 | 0.152772925 |
| ## | 168388      | 168393      | 168398      | 168404      | 168406      | 168417      |
| ## | 0.095830409 | 0.165286806 | 0.149791198 | 0.111306307 | 0.180638897 | 0.077927490 |



|    |             |             |             |             |             |             |
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| ## | 168436      | 168439      | 168441      | 168442      | 168443      | 168446      |
| ## | 0.159406602 | 0.097549887 | 0.161663233 | 0.087662515 | 0.161663233 | 0.097549887 |
| ## | 168458      | 168459      | 168460      | 168464      | 168476      | 168486      |
| ## | 0.194125233 | 0.194125233 | 0.194125233 | 0.081833656 | 0.163508489 | 0.113208229 |
| ## | 168488      | 168504      | 168510      | 168513      | 168517      | 168519      |
| ## | 0.420836471 | 0.586916962 | 0.182129654 | 0.150544655 | 0.449402542 | 0.180746001 |
| ## | 168520      | 168532      | 168533      | 168536      | 168539      | 168545      |
| ## | 0.197130642 | 0.202871374 | 0.205292188 | 0.309346766 | 0.105925305 | 0.478266725 |
| ## | 168554      | 168559      | 168571      | 168573      | 168581      | 168582      |
| ## | 0.105212385 | 0.559391425 | 0.329629589 | 0.175930761 | 0.081032571 | 0.196267679 |
| ## | 168587      | 168599      | 168602      | 168603      | 168604      | 168605      |
| ## | 0.560032695 | 0.107085803 | 0.112955311 | 0.556478565 | 0.569685410 | 0.571819951 |
| ## | 168606      | 168607      | 168613      | 168615      | 168617      | 168618      |
| ## | 0.557025124 | 0.188205492 | 0.185290273 | 0.066003561 | 0.350966098 | 0.102335706 |
| ## | 168627      | 168637      | 168643      | 168647      | 168649      | 168659      |
| ## | 0.112414593 | 0.554136666 | 0.182904272 | 0.097530942 | 0.102418593 | 0.419116789 |
| ## | 168661      | 168667      | 168679      | 168682      | 168689      | 168691      |
| ## | 0.192732308 | 0.565719524 | 0.171320420 | 0.124696749 | 0.494398661 | 0.423873987 |
| ## | 168699      | 168701      | 168704      | 168708      | 168709      | 168712      |
| ## | 0.738270270 | 0.203734904 | 0.342629571 | 0.342629571 | 0.593672437 | 0.339280668 |
| ## | 168716      | 168721      | 168723      | 168731      | 168740      | 168754      |
| ## | 0.203734904 | 0.745694394 | 0.342629571 | 0.738270270 | 0.339280668 | 0.746623511 |
| ## | 168758      | 168764      | 168768      | 168770      | 168772      | 168784      |
| ## | 0.203734904 | 0.339280668 | 0.203734904 | 0.339280668 | 0.339280668 | 0.339280668 |
| ## | 168785      | 168787      | 168795      | 168801      | 168805      | 168812      |
| ## | 0.740747253 | 0.527071179 | 0.162947618 | 0.306629119 | 0.303469650 | 0.257565849 |
| ## | 168816      | 168819      | 168821      | 168825      | 168826      | 168828      |
| ## | 0.142975444 | 0.262567334 | 0.189721493 | 0.593096523 | 0.209335976 | 0.305820663 |
| ## | 168833      | 168834      | 168835      | 168836      | 168845      | 168846      |
| ## | 0.174518598 | 0.699334215 | 0.129458563 | 0.174518598 | 0.288125687 | 0.291192193 |
| ## | 168852      | 168857      | 168859      | 168872      | 168876      | 168882      |
| ## | 0.201806314 | 0.308168210 | 0.308168210 | 0.159266096 | 0.613885621 | 0.710336050 |
| ## | 168886      | 168890      | 168891      | 168896      | 168898      | 168901      |
| ## | 0.311354731 | 0.698967184 | 0.308168210 | 0.252902934 | 0.248920533 | 0.165937965 |
| ## | 168906      | 168910      | 168911      | 168913      | 168914      | 168916      |
| ## | 0.211828736 | 0.150522770 | 0.152438379 | 0.688763385 | 0.680183630 | 0.286719691 |
| ## | 168920      | 168930      | 168934      | 168938      | 168940      | 168944      |
| ## | 0.309309394 | 0.296482204 | 0.238799636 | 0.286559733 | 0.289616353 | 0.192817269 |
| ## | 168946      | 168968      | 168971      | 168978      | 168979      | 168982      |
| ## | 0.277553639 | 0.316491779 | 0.316491779 | 0.707058437 | 0.259691830 | 0.683129525 |
| ## | 168983      | 168986      | 169015      | 169016      | 169023      | 169040      |
| ## | 0.292579217 | 0.637957000 | 0.161828663 | 0.505325011 | 0.158801455 | 0.434156581 |
| ## | 169051      | 169052      | 169055      | 169059      | 169069      | 169076      |
| ## | 0.170500694 | 0.170500694 | 0.517242830 | 0.420577591 | 0.063984026 | 0.082023591 |
| ## | 169078      | 169082      | 169085      | 169096      | 169099      | 169100      |
| ## | 0.082023591 | 0.170479263 | 0.172597243 | 0.144575383 | 0.203440161 | 0.201035660 |
| ## | 169109      | 169112      | 169114      | 169117      | 169124      | 169127      |
| ## | 0.434614694 | 0.110729544 | 0.066971207 | 0.085347399 | 0.239175347 | 0.165696104 |
| ## | 169130      | 169134      | 169144      | 169150      | 169156      | 169159      |
| ## | 0.065321644 | 0.508658955 | 0.605273277 | 0.635132941 | 0.220635459 | 0.218083366 |
| ## | 169160      | 169163      | 169164      | 169168      | 169179      | 169180      |
| ## | 0.090185835 | 0.218083366 | 0.093541859 | 0.158413329 | 0.349626710 | 0.346245439 |
| ## | 169181      | 169184      | 169186      | 169187      | 169188      | 169190      |
| ## | 0.346245439 | 0.346245439 | 0.346245439 | 0.158413329 | 0.349626710 | 0.346245439 |

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| ## | 169193      | 169196      | 169197      | 169203      | 169210      | 169219      |
| ## | 0.158413329 | 0.349626710 | 0.346245439 | 0.349626710 | 0.346245439 | 0.736993658 |
| ## | 169224      | 169228      | 169229      | 169233      | 169234      | 169240      |
| ## | 0.349626710 | 0.346245439 | 0.346245439 | 0.346245439 | 0.208796490 | 0.346245439 |
| ## | 169241      | 169245      | 169247      | 169251      | 169255      | 169260      |
| ## | 0.346245439 | 0.349626710 | 0.579052840 | 0.208796490 | 0.346245439 | 0.349626710 |
| ## | 169265      | 169269      | 169278      | 169287      | 169291      | 169294      |
| ## | 0.208796490 | 0.346245439 | 0.346245439 | 0.208796490 | 0.163851019 | 0.208796490 |
| ## | 169296      | 169299      | 169300      | 169309      | 169312      | 169320      |
| ## | 0.346245439 | 0.208796490 | 0.346245439 | 0.349626710 | 0.349626710 | 0.208796490 |
| ## | 169322      | 169342      | 169344      | 169345      | 169352      | 169353      |
| ## | 0.346245439 | 0.736993658 | 0.208796490 | 0.346245439 | 0.224568454 | 0.227174389 |
| ## | 169382      | 169386      | 169392      | 169404      | 169413      | 169418      |
| ## | 0.239635115 | 0.239635115 | 0.367883969 | 0.746916532 | 0.324191465 | 0.324191465 |
| ## | 169419      | 169422      | 169426      | 169428      | 169430      | 169432      |
| ## | 0.288808308 | 0.353783995 | 0.260279350 | 0.260279350 | 0.147288018 | 0.331559103 |
| ## | 169434      | 169445      | 169450      | 169451      | 169454      | 169455      |
| ## | 0.270828795 | 0.354016372 | 0.609764320 | 0.334776346 | 0.200484067 | 0.200484067 |
| ## | 169456      | 169459      | 169461      | 169465      | 169475      | 169482      |
| ## | 0.346367263 | 0.193914525 | 0.325598357 | 0.325598357 | 0.301099153 | 0.367432208 |
| ## | 169484      | 169486      | 169487      | 169494      | 169500      | 169502      |
| ## | 0.370902997 | 0.370902997 | 0.370902997 | 0.282683977 | 0.179525819 | 0.303307594 |
| ## | 169510      | 169519      | 169520      | 169528      | 169530      | 169541      |
| ## | 0.370462654 | 0.373945146 | 0.370462654 | 0.380696036 | 0.377188552 | 0.340179648 |
| ## | 169542      | 169548      | 169549      | 169550      | 169553      | 169559      |
| ## | 0.355670535 | 0.343878826 | 0.343878826 | 0.742567941 | 0.223050826 | 0.125144865 |
| ## | 169561      | 169563      | 169567      | 169569      | 169576      | 169580      |
| ## | 0.223050826 | 0.125144865 | 0.737659186 | 0.341419983 | 0.177352953 | 0.329391672 |
| ## | 169585      | 169591      | 169611      | 169614      | 169616      | 169618      |
| ## | 0.329391672 | 0.496375196 | 0.496375196 | 0.496375196 | 0.496375196 | 0.500101048 |
| ## | 169624      | 169627      | 169628      | 169647      | 169654      | 169663      |
| ## | 0.329353500 | 0.496375196 | 0.496375196 | 0.496375196 | 0.329353500 | 0.500101048 |
| ## | 169677      | 169683      | 169685      | 169694      | 169698      | 169699      |
| ## | 0.496375196 | 0.839091757 | 0.500101048 | 0.496375196 | 0.500101048 | 0.496375196 |
| ## | 169700      | 169701      | 169702      | 169715      | 169717      | 169721      |
| ## | 0.496375196 | 0.329353500 | 0.500101048 | 0.496375196 | 0.496375196 | 0.329353500 |
| ## | 169725      | 169730      | 169743      | 169745      | 169758      | 169759      |
| ## | 0.267221695 | 0.496375196 | 0.338736295 | 0.327280416 | 0.351439173 | 0.351439173 |
| ## | 169761      | 169767      | 169773      | 169778      | 169788      | 169789      |
| ## | 0.339572267 | 0.336058519 | 0.150801487 | 0.328154235 | 0.356147043 | 0.233835665 |
| ## | 169790      | 169806      | 169810      | 169818      | 169820      | 169831      |
| ## | 0.355010046 | 0.333606177 | 0.329573040 | 0.341415672 | 0.341415672 | 0.462385551 |
| ## | 169833      | 169846      | 169851      | 169857      | 169869      | 169889      |
| ## | 0.344509032 | 0.349714307 | 0.767302351 | 0.329520512 | 0.331917356 | 0.335062665 |
| ## | 169894      | 169895      | 169899      | 169902      | 169904      | 169907      |
| ## | 0.195070688 | 0.285997916 | 0.320606988 | 0.337063228 | 0.733447787 | 0.743264162 |
| ## | 169912      | 169916      | 169917      | 169940      | 169942      | 169946      |
| ## | 0.318108196 | 0.320016854 | 0.320016854 | 0.363042955 | 0.363042955 | 0.303472703 |
| ## | 169956      | 169960      | 169962      | 169969      | 169973      | 169976      |
| ## | 0.359694555 | 0.465518936 | 0.469228970 | 0.469228970 | 0.302640677 | 0.465518936 |
| ## | 169979      | 169990      | 169992      | 169996      | 170000      | 170004      |
| ## | 0.469228970 | 0.465518936 | 0.465518936 | 0.169631666 | 0.261002670 | 0.264292172 |
| ## | 170007      | 170009      | 170016      | 170022      | 170032      | 170040      |
| ## | 0.202233062 | 0.406577856 | 0.790073487 | 0.790440586 | 0.135233853 | 0.314930628 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 170042      | 170047      | 170049      | 170050      | 170077      | 170082      |
| ## | 0.243690162 | 0.339453746 | 0.314793012 | 0.595224822 | 0.236765125 | 0.332681629 |
| ## | 170087      | 170092      | 170094      | 170095      | 170097      | 170100      |
| ## | 0.332681629 | 0.375076356 | 0.767277033 | 0.378576137 | 0.379531030 | 0.379531030 |
| ## | 170106      | 170108      | 170113      | 170128      | 170130      | 170151      |
| ## | 0.146407359 | 0.349798237 | 0.343444813 | 0.354519551 | 0.336096647 | 0.250546548 |
| ## | 170154      | 170156      | 170177      | 170184      | 170186      | 170192      |
| ## | 0.110076043 | 0.250546548 | 0.232551060 | 0.589547705 | 0.190890978 | 0.208717062 |
| ## | 170193      | 170196      | 170204      | 170206      | 170208      | 170213      |
| ## | 0.208717062 | 0.148701047 | 0.202637564 | 0.582562506 | 0.105841470 | 0.213564524 |
| ## | 170222      | 170223      | 170233      | 170247      | 170249      | 170251      |
| ## | 0.121083036 | 0.092804074 | 0.185992010 | 0.086217355 | 0.203193014 | 0.182583779 |
| ## | 170261      | 170265      | 170268      | 170270      | 170278      | 170280      |
| ## | 0.204325036 | 0.529711681 | 0.554993533 | 0.213288863 | 0.200245616 | 0.126306462 |
| ## | 170282      | 170284      | 170285      | 170292      | 170296      | 170299      |
| ## | 0.224887585 | 0.224887585 | 0.224887585 | 0.206749261 | 0.207965837 | 0.212430098 |
| ## | 170301      | 170302      | 170306      | 170308      | 170314      | 170320      |
| ## | 0.118475124 | 0.212430098 | 0.118475124 | 0.585375116 | 0.219095103 | 0.181946095 |
| ## | 170323      | 170327      | 170329      | 170335      | 170342      | 170345      |
| ## | 0.466285628 | 0.193702264 | 0.598449440 | 0.198743896 | 0.590556964 | 0.591389364 |
| ## | 170346      | 170348      | 170349      | 170356      | 170361      | 170364      |
| ## | 0.213495988 | 0.194853324 | 0.194853324 | 0.158646079 | 0.182008561 | 0.508824086 |
| ## | 170365      | 170367      | 170379      | 170380      | 170381      | 170387      |
| ## | 0.508824086 | 0.110646504 | 0.202193716 | 0.110646504 | 0.110646504 | 0.578878332 |
| ## | 170396      | 170406      | 170407      | 170408      | 170412      | 170417      |
| ## | 0.199800252 | 0.202193716 | 0.110646504 | 0.199800252 | 0.202193716 | 0.110646504 |
| ## | 170418      | 170424      | 170438      | 170439      | 170440      | 170442      |
| ## | 0.202193716 | 0.084570461 | 0.069085794 | 0.156575020 | 0.156575020 | 0.156377798 |
| ## | 170444      | 170448      | 170451      | 170460      | 170465      | 170474      |
| ## | 0.068747734 | 0.368424012 | 0.102744796 | 0.544235391 | 0.211698129 | 0.174853482 |
| ## | 170477      | 170484      | 170494      | 170498      | 170499      | 170501      |
| ## | 0.163395906 | 0.547449526 | 0.175315203 | 0.515756516 | 0.174344756 | 0.092007863 |
| ## | 170502      | 170507      | 170511      | 170519      | 170523      | 170527      |
| ## | 0.182506198 | 0.482317248 | 0.173741809 | 0.084932439 | 0.084932439 | 0.159008074 |
| ## | 170534      | 170540      | 170545      | 170553      | 170558      | 170569      |
| ## | 0.167148304 | 0.167148304 | 0.090909083 | 0.060460326 | 0.373342728 | 0.209541919 |
| ## | 170578      | 170579      | 170583      | 170590      | 170595      | 170597      |
| ## | 0.207084049 | 0.115147857 | 0.215131244 | 0.185970607 | 0.279461549 | 0.161956106 |
| ## | 170598      | 170601      | 170613      | 170616      | 170620      | 170622      |
| ## | 0.279461549 | 0.161956106 | 0.279461549 | 0.161956106 | 0.279461549 | 0.282472432 |
| ## | 170623      | 170634      | 170637      | 170649      | 170661      | 170667      |
| ## | 0.279461549 | 0.161956106 | 0.279461549 | 0.100896489 | 0.172971730 | 0.081833729 |
| ## | 170668      | 170669      | 170671      | 170674      | 170678      | 170692      |
| ## | 0.179079903 | 0.096729083 | 0.176899381 | 0.180224336 | 0.089301738 | 0.196434250 |
| ## | 170701      | 170702      | 170703      | 170707      | 170720      | 170722      |
| ## | 0.110349416 | 0.184978135 | 0.187235586 | 0.187235586 | 0.187235586 | 0.502687202 |
| ## | 170729      | 170732      | 170733      | 170735      | 170740      | 170743      |
| ## | 0.196020330 | 0.196020330 | 0.108324911 | 0.196020330 | 0.138953666 | 0.138953666 |
| ## | 170745      | 170747      | 170748      | 170749      | 170750      | 170755      |
| ## | 0.314714735 | 0.084889503 | 0.086054454 | 0.073750672 | 0.079607434 | 0.135497700 |
| ## | 170760      | 170762      | 170766      | 170774      | 170785      | 170786      |
| ## | 0.062674047 | 0.153057575 | 0.485070197 | 0.035214009 | 0.025878335 | 0.145345121 |
| ## | 170790      | 170791      | 170796      | 170800      | 170805      | 170807      |
| ## | 0.070962952 | 0.435942579 | 0.480895915 | 0.071653534 | 0.120332804 | 0.465875371 |

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| ## | 170812      | 170818      | 170826      | 170827      | 170828      | 170831      |
| ## | 0.075906751 | 0.141523163 | 0.052704807 | 0.094714378 | 0.296526126 | 0.302337371 |
| ## | 170837      | 170838      | 170840      | 170842      | 170844      | 170845      |
| ## | 0.295874617 | 0.292779170 | 0.138475016 | 0.099773495 | 0.101120131 | 0.392826023 |
| ## | 170849      | 170852      | 170854      | 170856      | 170858      | 170860      |
| ## | 0.057350142 | 0.068215160 | 0.052642694 | 0.494242145 | 0.105419143 | 0.146281232 |
| ## | 170862      | 170865      | 170876      | 170877      | 170885      | 170887      |
| ## | 0.355252423 | 0.388643845 | 0.160842156 | 0.160842156 | 0.146703696 | 0.146703696 |
| ## | 170890      | 170899      | 170901      | 170904      | 170908      | 170911      |
| ## | 0.144847836 | 0.144847836 | 0.077829708 | 0.146703696 | 0.091246438 | 0.450135859 |
| ## | 170917      | 170919      | 170924      | 170933      | 170935      | 170939      |
| ## | 0.108814449 | 0.154585600 | 0.149295851 | 0.160066569 | 0.082710864 | 0.181712444 |
| ## | 170941      | 170942      | 170944      | 170946      | 170948      | 170951      |
| ## | 0.093294901 | 0.070981733 | 0.173282894 | 0.107505745 | 0.096556968 | 0.386919777 |
| ## | 170964      | 170965      | 170968      | 170971      | 170980      | 170986      |
| ## | 0.111171821 | 0.057848328 | 0.076259478 | 0.067716240 | 0.088088181 | 0.366374125 |
| ## | 171000      | 171009      | 171024      | 171026      | 171028      | 171029      |
| ## | 0.082907106 | 0.223112534 | 0.209008382 | 0.209008382 | 0.209008382 | 0.192206599 |
| ## | 171030      | 171032      | 171038      | 171039      | 171049      | 171051      |
| ## | 0.613144527 | 0.235839128 | 0.233163787 | 0.101124039 | 0.236103668 | 0.210465145 |
| ## | 171055      | 171056      | 171057      | 171060      | 171067      | 171074      |
| ## | 0.250796120 | 0.632232699 | 0.248006174 | 0.644841255 | 0.248820749 | 0.248820749 |
| ## | 171081      | 171083      | 171084      | 171087      | 171094      | 171101      |
| ## | 0.246045561 | 0.104392141 | 0.633246555 | 0.215687786 | 0.209008382 | 0.236913980 |
| ## | 171107      | 171120      | 171123      | 171126      | 171131      | 171132      |
| ## | 0.560500494 | 0.181205422 | 0.544976458 | 0.171502099 | 0.599763974 | 0.599763974 |
| ## | 171138      | 171139      | 171141      | 171145      | 171153      | 171154      |
| ## | 0.246468927 | 0.226725176 | 0.613171999 | 0.243976649 | 0.243976649 | 0.619444199 |
| ## | 171157      | 171161      | 171169      | 171181      | 171194      | 171196      |
| ## | 0.239759065 | 0.238459395 | 0.240402815 | 0.251735733 | 0.245334336 | 0.632354814 |
| ## | 171197      | 171198      | 171210      | 171213      | 171214      | 171218      |
| ## | 0.248104142 | 0.248104142 | 0.502891827 | 0.232851296 | 0.616260217 | 0.182061654 |
| ## | 171219      | 171226      | 171235      | 171237      | 171238      | 171245      |
| ## | 0.146014902 | 0.258325445 | 0.258325445 | 0.258325445 | 0.258325445 | 0.623352628 |
| ## | 171250      | 171251      | 171253      | 171261      | 171267      | 171274      |
| ## | 0.238270981 | 0.546318028 | 0.284827563 | 0.165584369 | 0.165584369 | 0.284827563 |
| ## | 171279      | 171282      | 171295      | 171300      | 171302      | 171308      |
| ## | 0.284827563 | 0.287873162 | 0.165584369 | 0.287873162 | 0.165584369 | 0.284827563 |
| ## | 171311      | 171312      | 171313      | 171317      | 171320      | 171333      |
| ## | 0.165584369 | 0.284827563 | 0.284827563 | 0.287873162 | 0.165584369 | 0.284827563 |
| ## | 171337      | 171342      | 171346      | 171347      | 171350      | 171363      |
| ## | 0.287873162 | 0.287873162 | 0.287873162 | 0.165584369 | 0.252274598 | 0.194531210 |
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| ## | 0.224900780 | 0.160566678 | 0.113886798 | 0.116780141 | 0.094429858 | 0.216121054 |
| ## | 171397      | 171398      | 171399      | 171407      | 171411      | 171414      |
| ## | 0.216121054 | 0.195636537 | 0.193301888 | 0.406885523 | 0.349802389 | 0.137945298 |
| ## | 171416      | 171418      | 171421      | 171425      | 171430      | 171439      |
| ## | 0.137945298 | 0.178122267 | 0.178122267 | 0.200133605 | 0.079375269 | 0.175119236 |
| ## | 171441      | 171442      | 171448      | 171453      | 171456      | 171464      |
| ## | 0.133973884 | 0.132254102 | 0.232399921 | 0.131082619 | 0.235069185 | 0.362008992 |
| ## | 171471      | 171472      | 171476      | 171477      | 171481      | 171482      |
| ## | 0.205217838 | 0.205217838 | 0.205217838 | 0.157039673 | 0.157039673 | 0.083789676 |
| ## | 171486      | 171490      | 171492      | 171497      | 171511      | 171514      |
| ## | 0.083789676 | 0.083789676 | 0.083789676 | 0.492665567 | 0.451994438 | 0.122167877 |

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| ## | 171515      | 171516      | 171520      | 171522      | 171524      | 171526      |
| ## | 0.209600846 | 0.116711773 | 0.201669086 | 0.075754929 | 0.488082645 | 0.474680755 |
| ## | 171537      | 171539      | 171540      | 171543      | 171544      | 171546      |
| ## | 0.216746967 | 0.119598274 | 0.414557008 | 0.218859882 | 0.143185179 | 0.193810230 |
| ## | 171560      | 171564      | 171565      | 171569      | 171570      | 171572      |
| ## | 0.117649993 | 0.211107315 | 0.117649993 | 0.117649993 | 0.595135177 | 0.124134398 |
| ## | 171574      | 171579      | 171599      | 171605      | 171607      | 171609      |
| ## | 0.144636389 | 0.193055467 | 0.207107534 | 0.189799759 | 0.130655709 | 0.141366455 |
| ## | 171615      | 171616      | 171619      | 171622      | 171624      | 171634      |
| ## | 0.218859882 | 0.218859882 | 0.056690727 | 0.218483819 | 0.185508072 | 0.127169640 |
| ## | 171645      | 171668      | 171670      | 171684      | 171700      | 171702      |
| ## | 0.146703491 | 0.105141934 | 0.161295804 | 0.205443698 | 0.226229835 | 0.137812638 |
| ## | 171705      | 171707      | 171715      | 171719      | 171725      | 171729      |
| ## | 0.092150014 | 0.095174696 | 0.575141726 | 0.105141934 | 0.147582268 | 0.204855721 |
| ## | 171739      | 171745      | 171751      | 171754      | 171755      | 171757      |
| ## | 0.046371139 | 0.166819024 | 0.180182901 | 0.135473582 | 0.135473582 | 0.515308775 |
| ## | 171761      | 171767      | 171773      | 171774      | 171776      | 171779      |
| ## | 0.170217641 | 0.128420034 | 0.087353016 | 0.063907487 | 0.161138615 | 0.087353016 |
| ## | 171784      | 171785      | 171796      | 171798      | 171809      | 171815      |
| ## | 0.063907487 | 0.087353016 | 0.161138615 | 0.087353016 | 0.143763118 | 0.060823720 |
| ## | 171819      | 171822      | 171827      | 171844      | 171851      | 171856      |
| ## | 0.153489520 | 0.082860482 | 0.153489520 | 0.082072213 | 0.082072213 | 0.082072213 |
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| ## | 0.487022189 | 0.152140802 | 0.154073268 | 0.152351101 | 0.081089830 | 0.155276153 |
| ## | 171891      | 171893      | 171895      | 171897      | 171898      | 171902      |
| ## | 0.163972779 | 0.362875876 | 0.067695796 | 0.144794762 | 0.118876190 | 0.336517692 |
| ## | 171903      | 171912      | 171928      | 171929      | 171937      | 171939      |
| ## | 0.491196344 | 0.123774054 | 0.107900975 | 0.107900975 | 0.117120472 | 0.201137540 |
| ## | 171943      | 171955      | 171958      | 171965      | 171971      | 171973      |
| ## | 0.083165496 | 0.125481811 | 0.127126430 | 0.127126430 | 0.135067520 | 0.072192528 |
| ## | 171975      | 171986      | 171995      | 172011      | 172019      | 172022      |
| ## | 0.136818119 | 0.136818119 | 0.123739088 | 0.092966273 | 0.332436294 | 0.305492525 |
| ## | 172026      | 172040      | 172046      | 172054      | 172056      | 172066      |
| ## | 0.163584500 | 0.088416960 | 0.154411731 | 0.114679028 | 0.191021693 | 0.561542608 |
| ## | 172069      | 172072      | 172075      | 172084      | 172089      | 172093      |
| ## | 0.079251990 | 0.191021693 | 0.188729193 | 0.521432353 | 0.164301258 | 0.107549535 |
| ## | 172100      | 172115      | 172116      | 172127      | 172128      | 172129      |
| ## | 0.168958307 | 0.158768515 | 0.160769202 | 0.085956982 | 0.160769202 | 0.495915586 |
| ## | 172137      | 172139      | 172142      | 172146      | 172151      | 172157      |
| ## | 0.162376972 | 0.164414243 | 0.073356411 | 0.138867949 | 0.068018085 | 0.127758037 |
| ## | 172171      | 172175      | 172176      | 172179      | 172187      | 172198      |
| ## | 0.067478435 | 0.021649123 | 0.028421133 | 0.120416222 | 0.432142499 | 0.641199762 |
| ## | 172201      | 172213      | 172215      | 172217      | 172221      | 172226      |
| ## | 0.707078458 | 0.312903131 | 0.596007941 | 0.692279011 | 0.698250555 | 0.727708645 |
| ## | 172227      | 172230      | 172243      | 172245      | 172246      | 172247      |
| ## | 0.316280913 | 0.319512578 | 0.295012722 | 0.275498594 | 0.303405748 | 0.221162637 |
| ## | 172253      | 172259      | 172261      | 172264      | 172271      | 172278      |
| ## | 0.180532437 | 0.217431860 | 0.689992249 | 0.647145954 | 0.648727658 | 0.300265109 |
| ## | 172283      | 172292      | 172295      | 172297      | 172299      | 172311      |
| ## | 0.232932646 | 0.301155715 | 0.301155715 | 0.176766306 | 0.301155715 | 0.312079279 |
| ## | 172317      | 172318      | 172331      | 172332      | 172338      | 172340      |
| ## | 0.679496033 | 0.689814549 | 0.318168266 | 0.185931476 | 0.714659248 | 0.274772641 |
| ## | 172343      | 172348      | 172357      | 172360      | 172362      | 172364      |
| ## | 0.588178348 | 0.706330496 | 0.126198624 | 0.287929147 | 0.274478716 | 0.315995432 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 172367      | 172370      | 172371      | 172372      | 172376      | 172386      |
| ## | 0.699717442 | 0.312782989 | 0.699717442 | 0.312782989 | 0.712288172 | 0.320909233 |
| ## | 172389      | 172398      | 172401      | 172402      | 172404      | 172407      |
| ## | 0.320909233 | 0.710412048 | 0.527837294 | 0.282201962 | 0.658082514 | 0.627112728 |
| ## | 172408      | 172411      | 172414      | 172416      | 172423      | 172433      |
| ## | 0.221162637 | 0.314999047 | 0.332598754 | 0.332598754 | 0.260216511 | 0.304107368 |
| ## | 172437      | 172438      | 172444      | 172445      | 172448      | 172458      |
| ## | 0.703960431 | 0.193111958 | 0.193111958 | 0.145816007 | 0.324470162 | 0.271067820 |
| ## | 172460      | 172461      | 172463      | 172467      | 172471      | 172490      |
| ## | 0.655630366 | 0.281206169 | 0.281439714 | 0.307178603 | 0.694183337 | 0.728655339 |
| ## | 172499      | 172531      | 172539      | 172552      | 172557      | 172559      |
| ## | 0.293427269 | 0.599563233 | 0.206082877 | 0.134813126 | 0.173445573 | 0.296339372 |
| ## | 172562      | 172568      | 172571      | 172578      | 172589      | 172597      |
| ## | 0.110851052 | 0.208471075 | 0.324860910 | 0.266267861 | 0.118375304 | 0.175110906 |
| ## | 172598      | 172601      | 172604      | 172606      | 172607      | 172614      |
| ## | 0.173350824 | 0.136510793 | 0.336199308 | 0.332881429 | 0.725279685 | 0.718677652 |
| ## | 172615      | 172625      | 172629      | 172632      | 172634      | 172636      |
| ## | 0.336199308 | 0.336199308 | 0.718677652 | 0.725279685 | 0.718677652 | 0.718677652 |
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| ## | 0.718677652 | 0.336199308 | 0.718677652 | 0.282859281 | 0.802085759 | 0.441836633 |
| ## | 172675      | 172680      | 172681      | 172682      | 172684      | 172694      |
| ## | 0.282859281 | 0.226535766 | 0.802085759 | 0.813361534 | 0.441836633 | 0.282859281 |
| ## | 172695      | 172696      | 172699      | 172700      | 172709      | 172715      |
| ## | 0.445515250 | 0.282859281 | 0.445515250 | 0.802085759 | 0.807255347 | 0.802085759 |
| ## | 172718      | 172728      | 172732      | 172736      | 172740      | 172741      |
| ## | 0.802085759 | 0.802085759 | 0.445515250 | 0.802085759 | 0.802085759 | 0.445515250 |
| ## | 172751      | 172754      | 172759      | 172763      | 172764      | 172765      |
| ## | 0.804925800 | 0.445515250 | 0.445515250 | 0.441836633 | 0.441836633 | 0.282859281 |
| ## | 172773      | 172777      | 172781      | 172785      | 172787      | 172796      |
| ## | 0.802085759 | 0.226535766 | 0.226535766 | 0.441836633 | 0.282859281 | 0.802085759 |
| ## | 172801      | 172803      | 172805      | 172807      | 172816      | 172817      |
| ## | 0.441836633 | 0.282859281 | 0.282859281 | 0.282859281 | 0.226535766 | 0.445515250 |
| ## | 172818      | 172824      | 172827      | 172829      | 172834      | 172840      |
| ## | 0.220415867 | 0.282859281 | 0.802085759 | 0.802085759 | 0.445515250 | 0.813361534 |
| ## | 172841      | 172844      | 172849      | 172856      | 172858      | 172862      |
| ## | 0.813361534 | 0.802085759 | 0.226535766 | 0.596333963 | 0.802085759 | 0.282859281 |
| ## | 172873      | 172881      | 172890      | 172895      | 172907      | 172911      |
| ## | 0.802085759 | 0.441836633 | 0.445515250 | 0.282859281 | 0.802085759 | 0.802085759 |
| ## | 172914      | 172921      | 172928      | 172943      | 172944      | 172945      |
| ## | 0.445515250 | 0.802085759 | 0.799709233 | 0.799709233 | 0.282859281 | 0.282859281 |
| ## | 172949      | 172952      | 172955      | 172957      | 172964      | 172970      |
| ## | 0.445515250 | 0.520803928 | 0.624993949 | 0.624993949 | 0.697653047 | 0.587078823 |
| ## | 172979      | 172985      | 172990      | 172991      | 173010      | 173017      |
| ## | 0.652184925 | 0.338381198 | 0.720646969 | 0.720646969 | 0.720646969 | 0.720646969 |
| ## | 173021      | 173025      | 173028      | 173031      | 173033      | 173042      |
| ## | 0.720646969 | 0.338381198 | 0.335052655 | 0.720646969 | 0.720646969 | 0.338381198 |
| ## | 173043      | 173045      | 173064      | 173072      | 173078      | 173079      |
| ## | 0.720646969 | 0.720646969 | 0.574565784 | 0.295392973 | 0.179930582 | 0.292991719 |
| ## | 173086      | 173094      | 173099      | 173100      | 173106      | 173112      |
| ## | 0.665005112 | 0.595245650 | 0.083835794 | 0.604955181 | 0.154000481 | 0.477768999 |
| ## | 173119      | 173128      | 173132      | 173133      | 173146      | 173147      |
| ## | 0.188471893 | 0.551322387 | 0.103717834 | 0.103717834 | 0.560583102 | 0.103717834 |
| ## | 173148      | 173155      | 173157      | 173159      | 173162      | 173164      |
| ## | 0.551322387 | 0.190762002 | 0.190762002 | 0.190762002 | 0.103717834 | 0.103717834 |

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| ## | 173173      | 173175      | 173183      | 173186      | 173193      | 173202      |
| ## | 0.240326129 | 0.237615715 | 0.103394786 | 0.134422734 | 0.240326129 | 0.640258105 |
| ## | 173221      | 173226      | 173232      | 173240      | 173242      | 173246      |
| ## | 0.134422734 | 0.134422734 | 0.237615715 | 0.240326129 | 0.237615715 | 0.134422734 |
| ## | 173255      | 173261      | 173262      | 173274      | 173276      | 173287      |
| ## | 0.134422734 | 0.240326129 | 0.134422734 | 0.240326129 | 0.240326129 | 0.240326129 |
| ## | 173297      | 173300      | 173302      | 173306      | 173316      | 173321      |
| ## | 0.134422734 | 0.645752661 | 0.240326129 | 0.134422734 | 0.240326129 | 0.240326129 |
| ## | 173322      | 173327      | 173330      | 173332      | 173334      | 173344      |
| ## | 0.237615715 | 0.424797318 | 0.174052971 | 0.174052971 | 0.201389501 | 0.064359990 |
| ## | 173347      | 173350      | 173354      | 173355      | 173356      | 173360      |
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| ## | 173365      | 173366      | 173368      | 173373      | 173378      | 173381      |
| ## | 0.194353029 | 0.192030039 | 0.100920795 | 0.264993094 | 0.195096297 | 0.195102331 |
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| ## | 0.482800913 | 0.122804993 | 0.184629029 | 0.151524148 | 0.132686197 | 0.092785249 |
| ## | 173409      | 173410      | 173414      | 173416      | 173422      | 173427      |
| ## | 0.172419375 | 0.192030039 | 0.175094655 | 0.199257472 | 0.199257472 | 0.168049107 |
| ## | 173433      | 173442      | 173443      | 173449      | 173450      | 173456      |
| ## | 0.170143088 | 0.091444127 | 0.091444127 | 0.176879820 | 0.179060153 | 0.128096751 |
| ## | 173459      | 173462      | 173475      | 173478      | 173479      | 173481      |
| ## | 0.192050239 | 0.194373414 | 0.206955210 | 0.139877431 | 0.139877431 | 0.048277172 |
| ## | 173486      | 173491      | 173500      | 173501      | 173503      | 173508      |
| ## | 0.096678965 | 0.100460299 | 0.093873647 | 0.190425972 | 0.192734186 | 0.121305240 |
| ## | 173510      | 173517      | 173522      | 173527      | 173535      | 173536      |
| ## | 0.127123076 | 0.189062202 | 0.177796496 | 0.178197019 | 0.138854691 | 0.123951822 |
| ## | 173540      | 173554      | 173558      | 173566      | 173607      | 173623      |
| ## | 0.142340994 | 0.153427202 | 0.036302480 | 0.482659022 | 0.304384509 | 0.287945384 |
| ## | 173624      | 173630      | 173633      | 173634      | 173636      | 173652      |
| ## | 0.284899327 | 0.175499809 | 0.350348400 | 0.353748059 | 0.350348400 | 0.167028148 |
| ## | 173660      | 173670      | 173675      | 173682      | 173685      | 173691      |
| ## | 0.127696130 | 0.216164950 | 0.114300483 | 0.498421015 | 0.141495360 | 0.048717613 |
| ## | 173696      | 173697      | 173700      | 173705      | 173706      | 173709      |
| ## | 0.445393520 | 0.064462316 | 0.486503007 | 0.346761289 | 0.045378585 | 0.061900153 |
| ## | 173711      | 173713      | 173717      | 173718      | 173721      | 173727      |
| ## | 0.393447012 | 0.432566195 | 0.142597373 | 0.168732092 | 0.105807515 | 0.087574165 |
| ## | 173728      | 173729      | 173730      | 173735      | 173746      | 173751      |
| ## | 0.336789235 | 0.158400687 | 0.085740648 | 0.386309047 | 0.112101003 | 0.113593028 |
| ## | 173753      | 173767      | 173773      | 173776      | 173798      | 173801      |
| ## | 0.027708709 | 0.095057977 | 0.095057977 | 0.449986879 | 0.083673730 | 0.084823543 |
| ## | 173802      | 173804      | 173813      | 173818      | 173819      | 173826      |
| ## | 0.149043111 | 0.145430508 | 0.145430508 | 0.145430508 | 0.147292548 | 0.145430508 |
| ## | 173828      | 173833      | 173834      | 173835      | 173838      | 173861      |
| ## | 0.145430508 | 0.150920437 | 0.146375545 | 0.146375545 | 0.083091476 | 0.086164335 |
| ## | 173870      | 173872      | 173883      | 173897      | 173899      | 173902      |
| ## | 0.039155371 | 0.501486246 | 0.157160228 | 0.108948154 | 0.398208538 | 0.085730208 |
| ## | 173903      | 173906      | 173925      | 173930      | 173934      | 173935      |
| ## | 0.498918967 | 0.085730208 | 0.156739037 | 0.062976703 | 0.062976703 | 0.118853505 |
| ## | 173938      | 173941      | 173948      | 173950      | 173957      | 173961      |
| ## | 0.110809450 | 0.110809450 | 0.111274598 | 0.058723422 | 0.052018622 | 0.258913619 |
| ## | 173968      | 173972      | 173974      | 173979      | 173983      | 173985      |
| ## | 0.654068804 | 0.256064234 | 0.258913619 | 0.256704840 | 0.253871436 | 0.253871436 |
| ## | 173993      | 174007      | 174011      | 174016      | 174019      | 174021      |
| ## | 0.137566045 | 0.159443079 | 0.077857427 | 0.516328991 | 0.169983756 | 0.169983756 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 174026      | 174029      | 174038      | 174063      | 174066      | 174069      |
| ## | 0.173130814 | 0.112133140 | 0.177740588 | 0.052980794 | 0.385006968 | 0.166724594 |
| ## | 174075      | 174081      | 174093      | 174095      | 174100      | 174101      |
| ## | 0.156899813 | 0.166277725 | 0.199445873 | 0.083254324 | 0.197492353 | 0.197492353 |
| ## | 174104      | 174105      | 174112      | 174119      | 174130      | 174140      |
| ## | 0.054497798 | 0.111094367 | 0.087367603 | 0.413670715 | 0.105729692 | 0.468273727 |
| ## | 174145      | 174146      | 174150      | 174151      | 174154      | 174166      |
| ## | 0.265165603 | 0.151038466 | 0.548857074 | 0.183540571 | 0.536606616 | 0.151358979 |
| ## | 174173      | 174180      | 174182      | 174189      | 174204      | 174212      |
| ## | 0.101883708 | 0.178667117 | 0.552078632 | 0.201632348 | 0.075203017 | 0.093577931 |
| ## | 174217      | 174228      | 174242      | 174244      | 174245      | 174249      |
| ## | 0.122344594 | 0.428260357 | 0.185305244 | 0.386878543 | 0.197813078 | 0.187989107 |
| ## | 174252      | 174259      | 174267      | 174270      | 174280      | 174282      |
| ## | 0.164337733 | 0.194253186 | 0.195667939 | 0.108108974 | 0.202957111 | 0.189122409 |
| ## | 174290      | 174291      | 174292      | 174298      | 174299      | 174309      |
| ## | 0.176152644 | 0.174000210 | 0.536425604 | 0.117595125 | 0.192631951 | 0.100765073 |
| ## | 174311      | 174323      | 174328      | 174331      | 174335      | 174339      |
| ## | 0.206795193 | 0.346867346 | 0.206795193 | 0.206795193 | 0.346867346 | 0.206795193 |
| ## | 174340      | 174341      | 174343      | 174351      | 174359      | 174362      |
| ## | 0.346867346 | 0.206795193 | 0.156799247 | 0.206795193 | 0.206795193 | 0.731714774 |
| ## | 174363      | 174366      | 174374      | 174377      | 174378      | 174381      |
| ## | 0.343498666 | 0.162192209 | 0.346867346 | 0.346867346 | 0.346867346 | 0.343498666 |
| ## | 174384      | 174387      | 174391      | 174398      | 174403      | 174410      |
| ## | 0.343498666 | 0.343498666 | 0.346867346 | 0.156799247 | 0.343498666 | 0.206795193 |
| ## | 174418      | 174419      | 174435      | 174444      | 174452      | 174458      |
| ## | 0.206795193 | 0.168550687 | 0.257813852 | 0.309817739 | 0.700590230 | 0.685576057 |
| ## | 174477      | 174482      | 174485      | 174487      | 174489      | 174492      |
| ## | 0.676261063 | 0.184440391 | 0.315391274 | 0.315391274 | 0.315391274 | 0.315391274 |
| ## | 174497      | 174500      | 174506      | 174509      | 174511      | 174512      |
| ## | 0.315391274 | 0.227749246 | 0.315391274 | 0.251079205 | 0.305359213 | 0.308529641 |
| ## | 174516      | 174521      | 174533      | 174540      | 174541      | 174547      |
| ## | 0.168111457 | 0.633614363 | 0.185246078 | 0.208268852 | 0.210737046 | 0.300410045 |
| ## | 174550      | 174555      | 174572      | 174573      | 174574      | 174589      |
| ## | 0.513190905 | 0.290410384 | 0.316155681 | 0.711855105 | 0.306097057 | 0.301447690 |
| ## | 174604      | 174616      | 174621      | 174627      | 174629      | 174633      |
| ## | 0.320563919 | 0.096333642 | 0.176240140 | 0.083963187 | 0.533443288 | 0.093966589 |
| ## | 174636      | 174643      | 174645      | 174647      | 174653      | 174655      |
| ## | 0.520377645 | 0.415059565 | 0.046978835 | 0.075702217 | 0.394473325 | 0.527198984 |
| ## | 174656      | 174658      | 174663      | 174666      | 174669      | 174674      |
| ## | 0.174065787 | 0.144036541 | 0.080370393 | 0.080324220 | 0.082478087 | 0.378198507 |
| ## | 174676      | 174684      | 174691      | 174695      | 174701      | 174704      |
| ## | 0.525605271 | 0.143996959 | 0.357312414 | 0.371422938 | 0.054394594 | 0.132447810 |
| ## | 174712      | 174713      | 174721      | 174737      | 174738      | 174742      |
| ## | 0.135445194 | 0.121628052 | 0.213189911 | 0.241025624 | 0.216288698 | 0.343859902 |
| ## | 174751      | 174755      | 174756      | 174758      | 174771      | 174773      |
| ## | 0.347230251 | 0.734942452 | 0.343859902 | 0.734942452 | 0.742609083 | 0.343859902 |
| ## | 174777      | 174787      | 174790      | 174794      | 174799      | 174801      |
| ## | 0.734942452 | 0.343859902 | 0.347230251 | 0.162409945 | 0.343859902 | 0.343859902 |
| ## | 174802      | 174804      | 174814      | 174819      | 174821      | 174835      |
| ## | 0.162409945 | 0.162409945 | 0.343859902 | 0.343859902 | 0.207058008 | 0.343859902 |
| ## | 174837      | 174838      | 174843      | 174857      | 174863      | 174865      |
| ## | 0.343859902 | 0.343859902 | 0.347230251 | 0.347230251 | 0.343859902 | 0.347230251 |
| ## | 174884      | 174886      | 174900      | 174902      | 174905      | 174906      |
| ## | 0.343859902 | 0.347230251 | 0.728485701 | 0.207058008 | 0.343859902 | 0.343859902 |



|    |             |             |             |             |             |             |
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| ## | 174908      | 174909      | 174913      | 174916      | 174921      | 174924      |
| ## | 0.347230251 | 0.343859902 | 0.343859902 | 0.347230251 | 0.207058008 | 0.343859902 |
| ## | 174926      | 174928      | 174932      | 174935      | 174939      | 174943      |
| ## | 0.742609083 | 0.157669275 | 0.343859902 | 0.343859902 | 0.347230251 | 0.343859902 |
| ## | 174945      | 174946      | 174948      | 174962      | 174964      | 174974      |
| ## | 0.347230251 | 0.157669275 | 0.742609083 | 0.343859902 | 0.343859902 | 0.225326467 |
| ## | 174976      | 174979      | 174980      | 174981      | 174990      | 174993      |
| ## | 0.085204135 | 0.228022081 | 0.619210914 | 0.245855326 | 0.227916962 | 0.237717011 |
| ## | 175001      | 175002      | 175011      | 175018      | 175019      | 175027      |
| ## | 0.337380708 | 0.334057037 | 0.751225816 | 0.188980823 | 0.321883061 | 0.147505638 |
| ## | 175033      | 175040      | 175046      | 175052      | 175053      | 175054      |
| ## | 0.747476701 | 0.268749258 | 0.732291996 | 0.335745290 | 0.155581090 | 0.339703749 |
| ## | 175060      | 175068      | 175069      | 175081      | 175084      | 175090      |
| ## | 0.323284728 | 0.248795406 | 0.078190769 | 0.368443319 | 0.117246393 | 0.151727673 |
| ## | 175092      | 175096      | 175097      | 175101      | 175105      | 175112      |
| ## | 0.341644849 | 0.138503744 | 0.302903780 | 0.721920174 | 0.086717996 | 0.324003420 |
| ## | 175115      | 175121      | 175122      | 175125      | 175129      | 175135      |
| ## | 0.762226522 | 0.224888963 | 0.371477207 | 0.368004189 | 0.371477207 | 0.177255494 |
| ## | 175144      | 175146      | 175150      | 175156      | 175163      | 175165      |
| ## | 0.358087925 | 0.352854637 | 0.229937244 | 0.742852035 | 0.341156210 | 0.349857664 |
| ## | 175167      | 175169      | 175182      | 175185      | 175189      | 175193      |
| ## | 0.349857664 | 0.344860457 | 0.123993731 | 0.609442129 | 0.123993731 | 0.159521361 |
| ## | 175194      | 175195      | 175203      | 175204      | 175210      | 175232      |
| ## | 0.311445032 | 0.498050459 | 0.163319481 | 0.292147158 | 0.360141710 | 0.327026127 |
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| ## | 0.493736483 | 0.493736483 | 0.493736483 | 0.327026127 | 0.327026127 | 0.327026127 |
| ## | 175275      | 175276      | 175277      | 175280      | 175289      | 175290      |
| ## | 0.327026127 | 0.327026127 | 0.493736483 | 0.327026127 | 0.497462092 | 0.493736483 |
| ## | 175292      | 175297      | 175299      | 175302      | 175311      | 175319      |
| ## | 0.497462092 | 0.837661425 | 0.497462092 | 0.497462092 | 0.842698333 | 0.327026127 |
| ## | 175320      | 175335      | 175340      | 175341      | 175343      | 175344      |
| ## | 0.327026127 | 0.493736483 | 0.497462092 | 0.493736483 | 0.497462092 | 0.497462092 |
| ## | 175345      | 175349      | 175354      | 175355      | 175356      | 175357      |
| ## | 0.497462092 | 0.327026127 | 0.833138787 | 0.842991695 | 0.497462092 | 0.265159783 |
| ## | 175361      | 175368      | 175376      | 175398      | 175401      | 175411      |
| ## | 0.493736483 | 0.493736483 | 0.265159783 | 0.497462092 | 0.493736483 | 0.497462092 |
| ## | 175417      | 175424      | 175434      | 175440      | 175445      | 175449      |
| ## | 0.497462092 | 0.725603956 | 0.204941424 | 0.337661971 | 0.210067613 | 0.328221621 |
| ## | 175453      | 175454      | 175456      | 175460      | 175472      | 175475      |
| ## | 0.214283918 | 0.353730199 | 0.357144633 | 0.269626459 | 0.189988316 | 0.312054951 |
| ## | 175482      | 175488      | 175497      | 175500      | 175503      | 175509      |
| ## | 0.505785631 | 0.743191140 | 0.352353742 | 0.339046154 | 0.318539345 | 0.707472114 |
| ## | 175510      | 175514      | 175521      | 175523      | 175534      | 175541      |
| ## | 0.139813399 | 0.753465622 | 0.343526409 | 0.343526409 | 0.711007133 | 0.372120921 |
| ## | 175544      | 175547      | 175549      | 175554      | 175555      | 175556      |
| ## | 0.725099506 | 0.330481801 | 0.720123610 | 0.321468218 | 0.313944010 | 0.317828268 |
| ## | 175564      | 175569      | 175571      | 175572      | 175576      | 175577      |
| ## | 0.358305096 | 0.335069431 | 0.718526053 | 0.150532790 | 0.199002219 | 0.151168679 |
| ## | 175582      | 175588      | 175598      | 175603      | 175605      | 175608      |
| ## | 0.324901332 | 0.319693174 | 0.187752525 | 0.313431857 | 0.330211638 | 0.360605524 |
| ## | 175609      | 175628      | 175632      | 175638      | 175646      | 175656      |
| ## | 0.360605524 | 0.202978954 | 0.338235417 | 0.462893489 | 0.300417512 | 0.300417512 |
| ## | 175658      | 175661      | 175666      | 175670      | 175675      | 175676      |
| ## | 0.235370147 | 0.462893489 | 0.462893489 | 0.241776484 | 0.213972911 | 0.642378061 |

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| ## | 175678      | 175679      | 175687      | 175699      | 175708      | 175711      |
| ## | 0.258971786 | 0.252504812 | 0.404033540 | 0.252504812 | 0.302466217 | 0.343911506 |
| ## | 175713      | 175719      | 175720      | 175721      | 175722      | 175724      |
| ## | 0.738658399 | 0.739067105 | 0.343060601 | 0.343060601 | 0.296751204 | 0.099173373 |
| ## | 175726      | 175728      | 175734      | 175741      | 175742      | 175745      |
| ## | 0.312924869 | 0.312924869 | 0.337090875 | 0.293647202 | 0.107030030 | 0.362713976 |
| ## | 175758      | 175761      | 175766      | 175774      | 175775      | 175778      |
| ## | 0.372605394 | 0.180151580 | 0.380555405 | 0.380555405 | 0.197814474 | 0.159835258 |
| ## | 175780      | 175782      | 175791      | 175795      | 175798      | 175801      |
| ## | 0.296486013 | 0.317681260 | 0.358074771 | 0.321127018 | 0.352107711 | 0.154404869 |
| ## | 175802      | 175806      | 175808      | 175812      | 175818      | 175819      |
| ## | 0.154404869 | 0.271368149 | 0.337725720 | 0.162145950 | 0.334417632 | 0.610120099 |
| ## | 175822      | 175825      | 175826      | 175829      | 175831      | 175842      |
| ## | 0.374568466 | 0.227201337 | 0.261013569 | 0.656534414 | 0.307651508 | 0.141502491 |
| ## | 175854      | 175862      | 175867      | 175872      | 175876      | 175901      |
| ## | 0.206963936 | 0.158285986 | 0.160281751 | 0.191412653 | 0.131434840 | 0.203340963 |
| ## | 175908      | 175910      | 175913      | 175922      | 175928      | 175932      |
| ## | 0.145688539 | 0.214812209 | 0.217336661 | 0.152014589 | 0.211144414 | 0.600928647 |
| ## | 175936      | 175938      | 175945      | 175950      | 175967      | 175968      |
| ## | 0.446593219 | 0.225966170 | 0.535337584 | 0.205032787 | 0.208911395 | 0.208911395 |
| ## | 175970      | 175974      | 175983      | 175987      | 175991      | 175992      |
| ## | 0.569032458 | 0.117377110 | 0.198988601 | 0.214770326 | 0.512621712 | 0.205245261 |
| ## | 175997      | 176000      | 176005      | 176007      | 176008      | 176009      |
| ## | 0.107528926 | 0.581981378 | 0.206232469 | 0.603419270 | 0.116494813 | 0.209252118 |
| ## | 176013      | 176021      | 176027      | 176035      | 176036      | 176040      |
| ## | 0.200667523 | 0.585034541 | 0.496807627 | 0.083756816 | 0.109612023 | 0.109612023 |
| ## | 176046      | 176048      | 176053      | 176054      | 176057      | 176059      |
| ## | 0.198117919 | 0.198117919 | 0.198117919 | 0.109612023 | 0.198117919 | 0.109612023 |
| ## | 176073      | 176074      | 176078      | 176079      | 176081      | 176083      |
| ## | 0.083756816 | 0.109612023 | 0.109612023 | 0.198117919 | 0.198117919 | 0.109612023 |
| ## | 176089      | 176091      | 176093      | 176101      | 176102      | 176110      |
| ## | 0.083756816 | 0.109612023 | 0.109612023 | 0.164877281 | 0.089562520 | 0.187531044 |
| ## | 176111      | 176113      | 176114      | 176122      | 176125      | 176147      |
| ## | 0.102509274 | 0.170058752 | 0.070471045 | 0.168691238 | 0.115393958 | 0.158566948 |
| ## | 176149      | 176161      | 176162      | 176168      | 176174      | 176176      |
| ## | 0.163820179 | 0.092761496 | 0.515812641 | 0.180887763 | 0.172231664 | 0.184356331 |
| ## | 176178      | 176181      | 176183      | 176188      | 176197      | 176202      |
| ## | 0.148404849 | 0.084115631 | 0.157601566 | 0.165683977 | 0.165683977 | 0.165683977 |
| ## | 176214      | 176217      | 176224      | 176261      | 176266      | 176273      |
| ## | 0.090040453 | 0.167754430 | 0.008562956 | 0.204887212 | 0.277340938 | 0.160528498 |
| ## | 176275      | 176277      | 176279      | 176280      | 176281      | 176297      |
| ## | 0.277340938 | 0.277340938 | 0.160528498 | 0.280337863 | 0.160528498 | 0.499195138 |
| ## | 176299      | 176303      | 176304      | 176310      | 176319      | 176321      |
| ## | 0.662711975 | 0.102831845 | 0.195257055 | 0.182172782 | 0.091633709 | 0.171466890 |
| ## | 176334      | 176336      | 176337      | 176345      | 176348      | 176349      |
| ## | 0.324327711 | 0.470439629 | 0.179559230 | 0.056158445 | 0.098610243 | 0.179612655 |
| ## | 176352      | 176358      | 176361      | 176366      | 176375      | 176380      |
| ## | 0.117639867 | 0.185634505 | 0.185634505 | 0.185634505 | 0.183392002 | 0.100639033 |
| ## | 176382      | 176385      | 176393      | 176399      | 176407      | 176408      |
| ## | 0.342624613 | 0.155456329 | 0.194362093 | 0.194362093 | 0.164892040 | 0.164892040 |
| ## | 176412      | 176419      | 176421      | 176422      | 176435      | 176446      |
| ## | 0.076549592 | 0.100501260 | 0.093695728 | 0.358244994 | 0.062551728 | 0.077361115 |
| ## | 176447      | 176453      | 176462      | 176468      | 176476      | 176479      |
| ## | 0.079467382 | 0.153748442 | 0.140245526 | 0.142052214 | 0.068674062 | 0.094010108 |

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| ## | 176483      | 176484      | 176491      | 176498      | 176499      | 176512      |
| ## | 0.073527836 | 0.073527836 | 0.098826100 | 0.071608204 | 0.098829374 | 0.131069434 |
| ## | 176513      | 176515      | 176517      | 176518      | 176522      | 176523      |
| ## | 0.129381365 | 0.106497112 | 0.145809075 | 0.477028630 | 0.104427796 | 0.232455717 |
| ## | 176525      | 176528      | 176536      | 176541      | 176558      | 176561      |
| ## | 0.077899277 | 0.100370191 | 0.086341831 | 0.143545203 | 0.143545203 | 0.143545203 |
| ## | 176572      | 176573      | 176574      | 176577      | 176586      | 176593      |
| ## | 0.155281331 | 0.155281331 | 0.157246288 | 0.134498125 | 0.095640050 | 0.210228331 |
| ## | 176613      | 176614      | 176616      | 176620      | 176626      | 176637      |
| ## | 0.169665941 | 0.169665941 | 0.171775909 | 0.129381365 | 0.076012648 | 0.071568869 |
| ## | 176639      | 176646      | 176652      | 176654      | 176655      | 176661      |
| ## | 0.064786460 | 0.096936904 | 0.090483040 | 0.171585085 | 0.173713926 | 0.171585085 |
| ## | 176666      | 176668      | 176671      | 176678      | 176688      | 176694      |
| ## | 0.112384433 | 0.061211937 | 0.061211937 | 0.033262276 | 0.058102473 | 0.082000188 |
| ## | 176696      | 176698      | 176715      | 176716      | 176722      | 176724      |
| ## | 0.080885264 | 0.080885264 | 0.584364609 | 0.226563040 | 0.614175298 | 0.130369118 |
| ## | 176732      | 176740      | 176741      | 176748      | 176749      | 176756      |
| ## | 0.130369118 | 0.609081515 | 0.626862913 | 0.248817914 | 0.248817914 | 0.244092618 |
| ## | 176764      | 176768      | 176773      | 176776      | 176777      | 176781      |
| ## | 0.244092618 | 0.642443701 | 0.483273890 | 0.240391515 | 0.237680594 | 0.237680594 |
| ## | 176784      | 176792      | 176796      | 176812      | 176813      | 176827      |
| ## | 0.573148582 | 0.238676377 | 0.131045716 | 0.342874424 | 0.597227410 | 0.614447755 |
| ## | 176828      | 176832      | 176833      | 176841      | 176842      | 176843      |
| ## | 0.214031662 | 0.239311241 | 0.242034856 | 0.239311241 | 0.624695336 | 0.242034856 |
| ## | 176859      | 176863      | 176865      | 176869      | 176875      | 176877      |
| ## | 0.239249829 | 0.235784434 | 0.238480493 | 0.238480493 | 0.252555580 | 0.252555580 |
| ## | 176880      | 176884      | 176891      | 176892      | 176893      | 176896      |
| ## | 0.249752586 | 0.243385216 | 0.569619355 | 0.196502794 | 0.196502794 | 0.237275615 |
| ## | 176911      | 176926      | 176931      | 176936      | 176937      | 176955      |
| ## | 0.219727679 | 0.493158093 | 0.144703550 | 0.246445328 | 0.206217403 | 0.282682208 |
| ## | 176965      | 176975      | 176976      | 176981      | 176985      | 176990      |
| ## | 0.285714032 | 0.282682208 | 0.164131043 | 0.282682208 | 0.282682208 | 0.285714032 |
| ## | 177008      | 177011      | 177022      | 177026      | 177034      | 177035      |
| ## | 0.282682208 | 0.285714032 | 0.285714032 | 0.164131043 | 0.282682208 | 0.285714032 |
| ## | 177036      | 177038      | 177045      | 177048      | 177059      | 177063      |
| ## | 0.164131043 | 0.282682208 | 0.285714032 | 0.285714032 | 0.282682208 | 0.164131043 |
| ## | 177069      | 177070      | 177071      | 177073      | 177079      | 177083      |
| ## | 0.285714032 | 0.282682208 | 0.282682208 | 0.282682208 | 0.285714032 | 0.282682208 |
| ## | 177084      | 177086      | 177097      | 177101      | 177125      | 177126      |
| ## | 0.282682208 | 0.168610940 | 0.542844956 | 0.512734720 | 0.091312397 | 0.194492828 |
| ## | 177134      | 177136      | 177137      | 177146      | 177151      | 177155      |
| ## | 0.590558107 | 0.590558107 | 0.581457458 | 0.210432180 | 0.534118233 | 0.087812589 |
| ## | 177157      | 177158      | 177166      | 177174      | 177177      | 177182      |
| ## | 0.094212783 | 0.559087864 | 0.600306404 | 0.150849270 | 0.187712851 | 0.095465683 |
| ## | 177204      | 177205      | 177216      | 177219      | 177221      | 177228      |
| ## | 0.148971645 | 0.080224511 | 0.123377947 | 0.131047370 | 0.129884976 | 0.109294706 |
| ## | 177232      | 177238      | 177240      | 177241      | 177242      | 177257      |
| ## | 0.120638394 | 0.194342315 | 0.152219522 | 0.152219522 | 0.496039030 | 0.486303575 |
| ## | 177260      | 177266      | 177268      | 177271      | 177275      | 177283      |
| ## | 0.075895623 | 0.136563170 | 0.136563170 | 0.210322041 | 0.092718306 | 0.139984513 |
| ## | 177290      | 177291      | 177294      | 177300      | 177306      | 177308      |
| ## | 0.195640246 | 0.195640246 | 0.118491250 | 0.081331356 | 0.140090002 | 0.140090002 |
| ## | 177316      | 177323      | 177326      | 177327      | 177334      | 177337      |
| ## | 0.528717398 | 0.209808526 | 0.211420730 | 0.213916185 | 0.211832304 | 0.116558615 |

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| ## | 177340      | 177361      | 177363      | 177364      | 177365      | 177367      |
| ## | 0.116558615 | 0.099466539 | 0.191993322 | 0.191416340 | 0.193733686 | 0.191416340 |
| ## | 177370      | 177389      | 177393      | 177395      | 177402      | 177407      |
| ## | 0.107911575 | 0.131307889 | 0.103541567 | 0.520098712 | 0.221213376 | 0.217060598 |
| ## | 177410      | 177415      | 177418      | 177421      | 177435      | 177441      |
| ## | 0.216583917 | 0.214167799 | 0.100256219 | 0.567707230 | 0.179241742 | 0.436930592 |
| ## | 177443      | 177444      | 177451      | 177459      | 177462      | 177467      |
| ## | 0.191570912 | 0.104205171 | 0.113566555 | 0.465515755 | 0.161884832 | 0.225598700 |
| ## | 177483      | 177485      | 177486      | 177488      | 177497      | 177498      |
| ## | 0.108266971 | 0.198284340 | 0.195304007 | 0.195798640 | 0.172791283 | 0.196276466 |
| ## | 177501      | 177506      | 177509      | 177525      | 177526      | 177531      |
| ## | 0.147316001 | 0.165357009 | 0.104053083 | 0.175946875 | 0.175946875 | 0.096157821 |
| ## | 177536      | 177544      | 177546      | 177553      | 177562      | 177564      |
| ## | 0.086515130 | 0.159716840 | 0.086515130 | 0.159716840 | 0.161727179 | 0.165376271 |
| ## | 177565      | 177570      | 177571      | 177573      | 177579      | 177581      |
| ## | 0.450364732 | 0.174240002 | 0.174240002 | 0.086603127 | 0.162337836 | 0.165120487 |
| ## | 177582      | 177590      | 177592      | 177594      | 177599      | 177602      |
| ## | 0.165120487 | 0.152122996 | 0.082061814 | 0.059943165 | 0.082061814 | 0.082061814 |
| ## | 177612      | 177613      | 177622      | 177623      | 177643      | 177644      |
| ## | 0.105450714 | 0.135541495 | 0.150784148 | 0.081280469 | 0.326596044 | 0.081280469 |
| ## | 177647      | 177657      | 177662      | 177663      | 177665      | 177672      |
| ## | 0.081280469 | 0.149092266 | 0.149092266 | 0.150992906 | 0.136942895 | 0.110824649 |
| ## | 177675      | 177677      | 177678      | 177689      | 177706      | 177707      |
| ## | 0.110824649 | 0.138449989 | 0.138449989 | 0.072046816 | 0.074109128 | 0.074109128 |
| ## | 177710      | 177711      | 177712      | 177717      | 177722      | 177724      |
| ## | 0.066106542 | 0.070889350 | 0.091703529 | 0.167970939 | 0.105474631 | 0.105474631 |
| ## | 177726      | 177727      | 177728      | 177733      | 177734      | 177750      |
| ## | 0.105474631 | 0.105474631 | 0.197683104 | 0.077680890 | 0.106989519 | 0.428349026 |
| ## | 177751      | 177752      | 177756      | 177757      | 177758      | 177760      |
| ## | 0.114480039 | 0.115999591 | 0.183212480 | 0.547807938 | 0.183212480 | 0.066070460 |
| ## | 177764      | 177768      | 177775      | 177777      | 177786      | 177787      |
| ## | 0.459108154 | 0.471658390 | 0.071488670 | 0.093056473 | 0.099804029 | 0.098492122 |
| ## | 177791      | 177803      | 177806      | 177808      | 177809      | 177810      |
| ## | 0.137276309 | 0.056084008 | 0.478543764 | 0.147812381 | 0.115839424 | 0.115839424 |
| ## | 177814      | 177818      | 177830      | 177831      | 177832      | 177837      |
| ## | 0.162145316 | 0.112004453 | 0.120316207 | 0.514658310 | 0.494961237 | 0.151116677 |
| ## | 177841      | 177855      | 177862      | 177867      | 177875      | 177877      |
| ## | 0.158899162 | 0.102895750 | 0.187118281 | 0.102895750 | 0.102895750 | 0.102895750 |
| ## | 177880      | 177881      | 177892      | 177898      | 177901      | 177903      |
| ## | 0.088903381 | 0.165814784 | 0.062998028 | 0.418174657 | 0.380040072 | 0.521105715 |
| ## | 177905      | 177910      | 177919      | 177949      | 177955      | 177959      |
| ## | 0.096755229 | 0.103086910 | 0.488781306 | 0.128243318 | 0.126586345 | 0.057506501 |
| ## | 177960      | 177966      | 177971      | 177979      | 177982      | 177986      |
| ## | 0.058319620 | 0.055543550 | 0.108478523 | 0.174504185 | 0.156103167 | 0.101372304 |
| ## | 177989      | 177991      | 177994      | 177996      | 177998      | 178003      |
| ## | 0.710383125 | 0.223627587 | 0.711761491 | 0.553950342 | 0.590380495 | 0.209715107 |
| ## | 178007      | 178016      | 178025      | 178026      | 178031      | 178040      |
| ## | 0.578870247 | 0.640068156 | 0.317221853 | 0.314002665 | 0.171032373 | 0.642904192 |
| ## | 178046      | 178050      | 178054      | 178055      | 178075      | 178082      |
| ## | 0.279309912 | 0.297738071 | 0.673135712 | 0.701098742 | 0.681329847 | 0.696885512 |
| ## | 178087      | 178088      | 178089      | 178092      | 178095      | 178099      |
| ## | 0.684925627 | 0.315971778 | 0.284878959 | 0.287924886 | 0.142889560 | 0.250699764 |
| ## | 178103      | 178113      | 178139      | 178144      | 178146      | 178149      |
| ## | 0.309817583 | 0.296385869 | 0.303098908 | 0.310518494 | 0.313718297 | 0.313718297 |

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| ## | 178152      | 178154      | 178157      | 178158      | 178168      | 178170      |
| ## | 0.710120072 | 0.710120072 | 0.326903811 | 0.326903811 | 0.178565777 | 0.698987700 |
| ## | 178171      | 178176      | 178178      | 178186      | 178199      | 178201      |
| ## | 0.315245748 | 0.318613182 | 0.318613182 | 0.683659032 | 0.330259742 | 0.330259742 |
| ## | 178203      | 178206      | 178208      | 178215      | 178226      | 178228      |
| ## | 0.258189607 | 0.711630755 | 0.622883566 | 0.301878093 | 0.322160720 | 0.614996536 |
| ## | 178229      | 178233      | 178238      | 178240      | 178251      | 178257      |
| ## | 0.614996536 | 0.589863035 | 0.665257328 | 0.691022105 | 0.717084549 | 0.308268377 |
| ## | 178259      | 178262      | 178270      | 178286      | 178291      | 178292      |
| ## | 0.726563229 | 0.341675141 | 0.726563229 | 0.315188836 | 0.671962436 | 0.671962436 |
| ## | 178297      | 178306      | 178307      | 178310      | 178318      | 178330      |
| ## | 0.313832886 | 0.313104369 | 0.132153395 | 0.312560037 | 0.204361154 | 0.079709321 |
| ## | 178331      | 178335      | 178339      | 178340      | 178347      | 178349      |
| ## | 0.171937467 | 0.171937467 | 0.294142971 | 0.297246778 | 0.696432529 | 0.171937467 |
| ## | 178360      | 178375      | 178376      | 178382      | 178383      | 178411      |
| ## | 0.294142971 | 0.198448088 | 0.198448088 | 0.168786000 | 0.166705366 | 0.171843371 |
| ## | 178414      | 178417      | 178422      | 178429      | 178432      | 178438      |
| ## | 0.333847641 | 0.716538539 | 0.197443718 | 0.330541413 | 0.716538539 | 0.333847641 |
| ## | 178440      | 178448      | 178450      | 178451      | 178453      | 178455      |
| ## | 0.333847641 | 0.614360614 | 0.218607371 | 0.280722932 | 0.800404725 | 0.442909132 |
| ## | 178457      | 178462      | 178473      | 178475      | 178477      | 178481      |
| ## | 0.800404725 | 0.800404725 | 0.442909132 | 0.800404725 | 0.800404725 | 0.439234987 |
| ## | 178495      | 178498      | 178502      | 178503      | 178507      | 178509      |
| ## | 0.798013097 | 0.800404725 | 0.593790384 | 0.439234987 | 0.439234987 | 0.224691529 |
| ## | 178510      | 178511      | 178517      | 178523      | 178526      | 178543      |
| ## | 0.280722932 | 0.800404725 | 0.800404725 | 0.442909132 | 0.280722932 | 0.442909132 |
| ## | 178552      | 178559      | 178564      | 178569      | 178570      | 178574      |
| ## | 0.800404725 | 0.442909132 | 0.224691529 | 0.800404725 | 0.280722932 | 0.439234987 |
| ## | 178577      | 178585      | 178588      | 178598      | 178601      | 178608      |
| ## | 0.800404725 | 0.224691529 | 0.442909132 | 0.800404725 | 0.800404725 | 0.800404725 |
| ## | 178616      | 178618      | 178624      | 178626      | 178628      | 178637      |
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| ## | 178649      | 178650      | 178653      | 178659      | 178660      | 178666      |
| ## | 0.280722932 | 0.442909132 | 0.800404725 | 0.800404725 | 0.224691529 | 0.800404725 |
| ## | 178678      | 178679      | 178681      | 178685      | 178700      | 178707      |
| ## | 0.800404725 | 0.800404725 | 0.800404725 | 0.663138296 | 0.811753796 | 0.442909132 |
| ## | 178713      | 178714      | 178728      | 178740      | 178746      | 178755      |
| ## | 0.800404725 | 0.800404725 | 0.442909132 | 0.663138296 | 0.442909132 | 0.800404725 |
| ## | 178756      | 178765      | 178768      | 178773      | 178777      | 178791      |
| ## | 0.518168965 | 0.622516646 | 0.622516646 | 0.218088079 | 0.247181556 | 0.336021995 |
| ## | 178793      | 178802      | 178805      | 178826      | 178833      | 178835      |
| ## | 0.718516966 | 0.336021995 | 0.718516966 | 0.718516966 | 0.718516966 | 0.336021995 |
| ## | 178844      | 178846      | 178848      | 178850      | 178853      | 178856      |
| ## | 0.336021995 | 0.336021995 | 0.718516966 | 0.718516966 | 0.718516966 | 0.293200664 |
| ## | 178857      | 178859      | 178860      | 178862      | 178863      | 178865      |
| ## | 0.690472775 | 0.293893155 | 0.131733352 | 0.433513700 | 0.433513700 | 0.280281441 |
| ## | 178866      | 178868      | 178899      | 178909      | 178912      | 178913      |
| ## | 0.213283179 | 0.087090868 | 0.102740649 | 0.189137783 | 0.548709823 | 0.078363607 |
| ## | 178915      | 178918      | 178922      | 178925      | 178934      | 178949      |
| ## | 0.189137783 | 0.548709823 | 0.190035026 | 0.104668703 | 0.133199252 | 0.238404228 |
| ## | 178954      | 178955      | 178960      | 178964      | 178967      | 178972      |
| ## | 0.238404228 | 0.133199252 | 0.133199252 | 0.102420296 | 0.235708764 | 0.238404228 |
| ## | 178975      | 178977      | 178987      | 178988      | 178990      | 179003      |
| ## | 0.616502592 | 0.235708764 | 0.133199252 | 0.238404228 | 0.133199252 | 0.133199252 |

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| ## | 179011      | 179018      | 179021      | 179023      | 179027      | 179032      |
| ## | 0.238404228 | 0.133199252 | 0.102420296 | 0.133199252 | 0.133199252 | 0.133199252 |
| ## | 179036      | 179039      | 179044      | 179047      | 179053      | 179054      |
| ## | 0.102420296 | 0.238404228 | 0.238404228 | 0.238404228 | 0.235708764 | 0.133199252 |
| ## | 179056      | 179058      | 179060      | 179063      | 179066      | 179069      |
| ## | 0.235708764 | 0.133199252 | 0.133199252 | 0.133199252 | 0.102420296 | 0.103554807 |
| ## | 179072      | 179076      | 179083      | 179088      | 179091      | 179093      |
| ## | 0.503883066 | 0.503883066 | 0.126285863 | 0.116588626 | 0.211880961 | 0.211880961 |
| ## | 179094      | 179101      | 179102      | 179110      | 179113      | 179120      |
| ## | 0.211880961 | 0.178432962 | 0.176258626 | 0.115814482 | 0.088641894 | 0.458581572 |
| ## | 179124      | 179128      | 179140      | 179148      | 179161      | 179162      |
| ## | 0.192705516 | 0.563187385 | 0.094799756 | 0.121672389 | 0.421884396 | 0.421884396 |
| ## | 179180      | 179189      | 179192      | 179196      | 179202      | 179203      |
| ## | 0.175723516 | 0.090570894 | 0.090570894 | 0.166578467 | 0.166578467 | 0.166578467 |
| ## | 179213      | 179214      | 179217      | 179223      | 179225      | 179230      |
| ## | 0.200092795 | 0.200092795 | 0.170918347 | 0.428192469 | 0.111429428 | 0.554454768 |
| ## | 179232      | 179233      | 179238      | 179241      | 179250      | 179252      |
| ## | 0.190417633 | 0.104901697 | 0.144122961 | 0.205228083 | 0.203415166 | 0.571015851 |
| ## | 179260      | 179261      | 179270      | 179275      | 179287      | 179291      |
| ## | 0.514404582 | 0.171439570 | 0.191489726 | 0.189729690 | 0.530980516 | 0.176258626 |
| ## | 179297      | 179303      | 179308      | 179309      | 179310      | 179319      |
| ## | 0.113345782 | 0.105031860 | 0.329760300 | 0.297395723 | 0.137597283 | 0.023292664 |
| ## | 179320      | 179326      | 179327      | 179334      | 179335      | 179338      |
| ## | 0.059234880 | 0.461214236 | 0.140317487 | 0.092910054 | 0.097411627 | 0.032268778 |
| ## | 179343      | 179351      | 179359      | 179369      | 179378      | 179379      |
| ## | 0.480023726 | 0.184002797 | 0.689785503 | 0.302154084 | 0.692965557 | 0.302154084 |
| ## | 179382      | 179384      | 179388      | 179390      | 179394      | 179398      |
| ## | 0.692965557 | 0.689785503 | 0.689785503 | 0.710840087 | 0.292276000 | 0.282753645 |
| ## | 179400      | 179402      | 179407      | 179413      | 179415      | 179418      |
| ## | 0.282753645 | 0.285785930 | 0.351338611 | 0.210041530 | 0.351338611 | 0.210041530 |
| ## | 179424      | 179430      | 179433      | 179435      | 179440      | 179450      |
| ## | 0.132007332 | 0.140795637 | 0.241053092 | 0.474865261 | 0.243304515 | 0.207161188 |
| ## | 179453      | 179466      | 179468      | 179484      | 179493      | 179496      |
| ## | 0.231669051 | 0.171965551 | 0.192138209 | 0.042168823 | 0.152433794 | 0.356258926 |
| ## | 179506      | 179509      | 179513      | 179534      | 179535      | 179540      |
| ## | 0.090955587 | 0.499801235 | 0.147843053 | 0.091992551 | 0.080257812 | 0.059313886 |
| ## | 179541      | 179547      | 179551      | 179557      | 179560      | 179585      |
| ## | 0.046717083 | 0.141999951 | 0.079508232 | 0.172597536 | 0.094153811 | 0.098032721 |
| ## | 179590      | 179603      | 179607      | 179637      | 179639      | 179640      |
| ## | 0.147234609 | 0.088460601 | 0.163014651 | 0.082290781 | 0.154451320 | 0.152514967 |
| ## | 179642      | 179646      | 179647      | 179654      | 179659      | 179660      |
| ## | 0.154451320 | 0.082290781 | 0.082290781 | 0.098344974 | 0.507593047 | 0.157713615 |
| ## | 179665      | 179668      | 179677      | 179691      | 179697      | 179702      |
| ## | 0.095163102 | 0.084194223 | 0.155767038 | 0.088394747 | 0.158963340 | 0.084906440 |
| ## | 179704      | 179705      | 179707      | 179711      | 179720      | 179722      |
| ## | 0.084906440 | 0.084906440 | 0.084906440 | 0.158963340 | 0.084906440 | 0.084906440 |
| ## | 179727      | 179728      | 179744      | 179748      | 179755      | 179757      |
| ## | 0.076237235 | 0.089035560 | 0.110234973 | 0.098262770 | 0.098262770 | 0.098262770 |
| ## | 179762      | 179764      | 179771      | 179776      | 179793      | 179799      |
| ## | 0.099591271 | 0.099591271 | 0.100533630 | 0.254058566 | 0.254695872 | 0.143657685 |
| ## | 179802      | 179804      | 179811      | 179819      | 179820      | 179826      |
| ## | 0.143657685 | 0.251877128 | 0.143657685 | 0.618572573 | 0.647389701 | 0.143064146 |
| ## | 179835      | 179846      | 179857      | 179867      | 179875      | 179880      |
| ## | 0.153091780 | 0.169355105 | 0.550302484 | 0.182743410 | 0.389273402 | 0.088831142 |

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| ## | 179882      | 179887      | 179889      | 179906      | 179907      | 179908      |
| ## | 0.088831142 | 0.413312856 | 0.445932944 | 0.180242119 | 0.530330203 | 0.178050515 |
| ## | 179911      | 179913      | 179918      | 179924      | 179927      | 179933      |
| ## | 0.180242119 | 0.195411900 | 0.195411900 | 0.197765786 | 0.107952131 | 0.111086496 |
| ## | 179934      | 179938      | 179942      | 179949      | 179950      | 179957      |
| ## | 0.107019720 | 0.088212189 | 0.108205021 | 0.195824697 | 0.082650889 | 0.143968304 |
| ## | 179960      | 179964      | 179967      | 179968      | 179970      | 179971      |
| ## | 0.176555762 | 0.196946135 | 0.116963493 | 0.199767637 | 0.098704252 | 0.138688348 |
| ## | 179974      | 179975      | 179978      | 179982      | 179986      | 179991      |
| ## | 0.061151465 | 0.058882032 | 0.115780898 | 0.209139339 | 0.086708359 | 0.079727698 |
| ## | 180006      | 180011      | 180019      | 180022      | 180030      | 180031      |
| ## | 0.040430566 | 0.563699479 | 0.544318167 | 0.177123339 | 0.187327714 | 0.189607168 |
| ## | 180036      | 180040      | 180046      | 180049      | 180054      | 180057      |
| ## | 0.109751032 | 0.199938442 | 0.562053131 | 0.197565065 | 0.590157399 | 0.199938442 |
| ## | 180063      | 180068      | 180071      | 180077      | 180083      | 180091      |
| ## | 0.516296495 | 0.470232627 | 0.198769902 | 0.109842140 | 0.091055979 | 0.433271156 |
| ## | 180093      | 180094      | 180103      | 180111      | 180118      | 180119      |
| ## | 0.118887534 | 0.120457630 | 0.167438560 | 0.101087396 | 0.544233048 | 0.566747931 |
| ## | 180120      | 180123      | 180124      | 180127      | 180132      | 180133      |
| ## | 0.186383060 | 0.184133559 | 0.171721381 | 0.181644410 | 0.192606318 | 0.554265049 |
| ## | 180134      | 180135      | 180144      | 180151      | 180153      | 180164      |
| ## | 0.184537210 | 0.184537210 | 0.196353103 | 0.560166098 | 0.114188659 | 0.094088569 |
| ## | 180167      | 180172      | 180177      | 180185      | 180198      | 180203      |
| ## | 0.172488288 | 0.188703310 | 0.083806628 | 0.341122179 | 0.205069056 | 0.344479782 |
| ## | 180209      | 180210      | 180213      | 180233      | 180238      | 180245      |
| ## | 0.341122179 | 0.205069056 | 0.205069056 | 0.341122179 | 0.751382242 | 0.205069056 |
| ## | 180252      | 180255      | 180259      | 180265      | 180266      | 180269      |
| ## | 0.341122179 | 0.585779585 | 0.748172382 | 0.421822845 | 0.285622791 | 0.714311090 |
| ## | 180270      | 180272      | 180273      | 180278      | 180284      | 180294      |
| ## | 0.305206576 | 0.231281453 | 0.179515142 | 0.291925421 | 0.173968057 | 0.299617424 |
| ## | 180295      | 180305      | 180307      | 180311      | 180320      | 180324      |
| ## | 0.129790502 | 0.292888397 | 0.292888397 | 0.289811332 | 0.290459566 | 0.669760384 |
| ## | 180327      | 180339      | 180340      | 180342      | 180344      | 180352      |
| ## | 0.165542197 | 0.291925421 | 0.303124758 | 0.286909165 | 0.267788959 | 0.173968057 |
| ## | 180366      | 180367      | 180375      | 180376      | 180384      | 180388      |
| ## | 0.114806410 | 0.564308760 | 0.285115174 | 0.084103121 | 0.678553874 | 0.167076539 |
| ## | 180397      | 180399      | 180405      | 180408      | 180411      | 180413      |
| ## | 0.310677228 | 0.310677228 | 0.214660645 | 0.702579077 | 0.274554619 | 0.302534756 |
| ## | 180417      | 180418      | 180429      | 180434      | 180449      | 180450      |
| ## | 0.296113742 | 0.299229528 | 0.202839828 | 0.202839828 | 0.181024617 | 0.719982400 |
| ## | 180458      | 180459      | 180462      | 180470      | 180472      | 180473      |
| ## | 0.383059877 | 0.503749392 | 0.172904881 | 0.138572808 | 0.507375687 | 0.088647357 |
| ## | 180476      | 180479      | 180483      | 180484      | 180490      | 180495      |
| ## | 0.416343345 | 0.099402137 | 0.094127461 | 0.473993186 | 0.159690987 | 0.076743955 |
| ## | 180497      | 180502      | 180503      | 180509      | 180512      | 180518      |
| ## | 0.329751228 | 0.418945821 | 0.081682777 | 0.531812821 | 0.093583785 | 0.531812821 |
| ## | 180520      | 180523      | 180529      | 180533      | 180534      | 180535      |
| ## | 0.401459625 | 0.114005040 | 0.084634561 | 0.084634561 | 0.084634561 | 0.386169874 |
| ## | 180538      | 180541      | 180543      | 180544      | 180546      | 180548      |
| ## | 0.165275066 | 0.196643831 | 0.081478798 | 0.081478798 | 0.202132162 | 0.199739245 |
| ## | 180550      | 180553      | 180554      | 180559      | 180562      | 180563      |
| ## | 0.130504993 | 0.130504993 | 0.132205495 | 0.135198250 | 0.103791175 | 0.065362359 |
| ## | 180566      | 180567      | 180569      | 180572      | 180585      | 180586      |
| ## | 0.063441823 | 0.067557977 | 0.067557977 | 0.144329799 | 0.192596442 | 0.235235187 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 180591      | 180592      | 180597      | 180602      | 180603      | 180611      |
| ## | 0.087949063 | 0.340031435 | 0.340031435 | 0.340031435 | 0.343383897 | 0.343383897 |
| ## | 180613      | 180614      | 180641      | 180649      | 180653      | 180654      |
| ## | 0.204278466 | 0.204278466 | 0.340031435 | 0.204278466 | 0.204278466 | 0.340031435 |
| ## | 180658      | 180661      | 180664      | 180667      | 180673      | 180674      |
| ## | 0.343383897 | 0.340031435 | 0.343383897 | 0.731614845 | 0.343383897 | 0.343383897 |
| ## | 180680      | 180684      | 180686      | 180689      | 180692      | 180694      |
| ## | 0.160108738 | 0.340031435 | 0.340031435 | 0.340031435 | 0.340031435 | 0.340031435 |
| ## | 180700      | 180701      | 180702      | 180710      | 180711      | 180714      |
| ## | 0.340031435 | 0.340031435 | 0.340031435 | 0.340031435 | 0.731614845 | 0.340031435 |
| ## | 180717      | 180720      | 180721      | 180741      | 180753      | 180755      |
| ## | 0.340031435 | 0.204278466 | 0.340031435 | 0.343383897 | 0.340031435 | 0.343383897 |
| ## | 180759      | 180760      | 180765      | 180766      | 180772      | 180776      |
| ## | 0.738916546 | 0.731614845 | 0.204278466 | 0.219803961 | 0.230278468 | 0.137707087 |
| ## | 180781      | 180783      | 180788      | 180791      | 180795      | 180798      |
| ## | 0.525651751 | 0.173175335 | 0.618629264 | 0.627439537 | 0.753936765 | 0.353247887 |
| ## | 180799      | 180801      | 180802      | 180804      | 180806      | 180809      |
| ## | 0.740061561 | 0.166039294 | 0.353247887 | 0.349850433 | 0.349850433 | 0.730388121 |
| ## | 180810      | 180820      | 180821      | 180829      | 180830      | 180838      |
| ## | 0.322494210 | 0.186386908 | 0.186386908 | 0.169093585 | 0.358266476 | 0.169093585 |
| ## | 180843      | 180845      | 180854      | 180856      | 180862      | 180863      |
| ## | 0.169093585 | 0.239924776 | 0.347737087 | 0.347737087 | 0.157639949 | 0.727971774 |
| ## | 180866      | 180871      | 180876      | 180877      | 180888      | 180889      |
| ## | 0.333003831 | 0.357732031 | 0.728280990 | 0.728280990 | 0.361047961 | 0.361047961 |
| ## | 180890      | 180895      | 180897      | 180902      | 180904      | 180912      |
| ## | 0.219697571 | 0.364493193 | 0.132921944 | 0.651661872 | 0.299323290 | 0.734238105 |
| ## | 180913      | 180924      | 180925      | 180931      | 180934      | 180936      |
| ## | 0.481963697 | 0.364056057 | 0.367513482 | 0.364056057 | 0.221937054 | 0.759129186 |
| ## | 180943      | 180952      | 180954      | 180957      | 180963      | 180965      |
| ## | 0.745372697 | 0.374217665 | 0.344170370 | 0.740014876 | 0.160578100 | 0.337342369 |
| ## | 180966      | 180967      | 180975      | 180978      | 180979      | 180984      |
| ## | 0.730352978 | 0.727407832 | 0.202581520 | 0.315809712 | 0.315809712 | 0.122157461 |
| ## | 180986      | 181002      | 181005      | 181018      | 181022      | 181032      |
| ## | 0.122157461 | 0.339230523 | 0.326459523 | 0.323330545 | 0.323292736 | 0.489484177 |
| ## | 181039      | 181054      | 181057      | 181059      | 181067      | 181081      |
| ## | 0.493208959 | 0.493208959 | 0.493208959 | 0.493208959 | 0.323292736 | 0.323292736 |
| ## | 181087      | 181100      | 181103      | 181107      | 181111      | 181113      |
| ## | 0.323292736 | 0.493208959 | 0.489484177 | 0.323292736 | 0.489484177 | 0.493208959 |
| ## | 181117      | 181121      | 181123      | 181128      | 181130      | 181138      |
| ## | 0.493208959 | 0.261857854 | 0.493208959 | 0.493208959 | 0.261857854 | 0.489484177 |
| ## | 181141      | 181143      | 181152      | 181155      | 181166      | 181172      |
| ## | 0.493208959 | 0.493208959 | 0.840726599 | 0.493208959 | 0.323292736 | 0.261857854 |
| ## | 181175      | 181176      | 181178      | 181183      | 181184      | 181201      |
| ## | 0.489484177 | 0.323292736 | 0.493208959 | 0.493208959 | 0.261857854 | 0.261857854 |
| ## | 181207      | 181211      | 181217      | 181221      | 181225      | 181230      |
| ## | 0.835334452 | 0.493208959 | 0.323292736 | 0.493208959 | 0.261857854 | 0.493208959 |
| ## | 181231      | 181235      | 181236      | 181237      | 181241      | 181243      |
| ## | 0.261857854 | 0.261857854 | 0.493208959 | 0.493208959 | 0.323292736 | 0.489484177 |
| ## | 181251      | 181266      | 181273      | 181276      | 181281      | 181295      |
| ## | 0.348557594 | 0.365146906 | 0.321222967 | 0.246028191 | 0.349850433 | 0.722998439 |
| ## | 181296      | 181298      | 181306      | 181309      | 181315      | 181328      |
| ## | 0.722998439 | 0.113031333 | 0.731902846 | 0.317978680 | 0.731136144 | 0.337776066 |
| ## | 181331      | 181344      | 181366      | 181369      | 181381      | 181384      |
| ## | 0.703476777 | 0.331451363 | 0.177349664 | 0.150307715 | 0.535519759 | 0.354402668 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 181388      | 181393      | 181414      | 181415      | 181419      | 181421      |
| ## | 0.357820000 | 0.354402668 | 0.357911821 | 0.330930598 | 0.354173468 | 0.354173468 |
| ## | 181424      | 181426      | 181440      | 181442      | 181444      | 181448      |
| ## | 0.201291833 | 0.335897867 | 0.137170410 | 0.230095757 | 0.342665324 | 0.360119061 |
| ## | 181459      | 181463      | 181464      | 181466      | 181468      | 181475      |
| ## | 0.170227444 | 0.360119061 | 0.294570389 | 0.696399333 | 0.297676803 | 0.349971657 |
| ## | 181476      | 181481      | 181484      | 181498      | 181512      | 181514      |
| ## | 0.353369648 | 0.232321897 | 0.462368822 | 0.458666157 | 0.462368822 | 0.462368822 |
| ## | 181516      | 181518      | 181520      | 181535      | 181539      | 181547      |
| ## | 0.345577718 | 0.638460037 | 0.246028191 | 0.399943480 | 0.249307007 | 0.249307007 |
| ## | 181548      | 181556      | 181559      | 181566      | 181571      | 181573      |
| ## | 0.249307007 | 0.403525465 | 0.785464225 | 0.338761776 | 0.306246615 | 0.753457743 |
| ## | 181574      | 181576      | 181580      | 181583      | 181584      | 181590      |
| ## | 0.235947492 | 0.312471294 | 0.159202955 | 0.331916455 | 0.733492367 | 0.180975665 |
| ## | 181595      | 181598      | 181603      | 181614      | 181615      | 181617      |
| ## | 0.729340709 | 0.335066969 | 0.362226280 | 0.806790835 | 0.449225094 | 0.817859421 |
| ## | 181621      | 181629      | 181643      | 181646      | 181647      | 181649      |
| ## | 0.449225094 | 0.601879591 | 0.755453983 | 0.155846983 | 0.261403077 | 0.230868367 |
| ## | 181656      | 181663      | 181672      | 181681      | 181694      | 181701      |
| ## | 0.373060541 | 0.330591788 | 0.335769713 | 0.343553979 | 0.119310957 | 0.326686177 |
| ## | 181702      | 181713      | 181724      | 181747      | 181749      | 181752      |
| ## | 0.329972850 | 0.367121632 | 0.248175670 | 0.204185332 | 0.111862813 | 0.111862813 |
| ## | 181756      | 181758      | 181762      | 181777      | 181780      | 181787      |
| ## | 0.560439917 | 0.085527689 | 0.084349794 | 0.618212211 | 0.505174937 | 0.140316278 |
| ## | 181798      | 181799      | 181800      | 181801      | 181807      | 181809      |
| ## | 0.137813547 | 0.116479582 | 0.145331594 | 0.080852950 | 0.466361560 | 0.490889190 |
| ## | 181812      | 181814      | 181829      | 181831      | 181833      | 181850      |
| ## | 0.220742752 | 0.133978203 | 0.120277912 | 0.416120569 | 0.118709842 | 0.116151036 |
| ## | 181856      | 181859      | 181860      | 181865      | 181869      | 181876      |
| ## | 0.208699272 | 0.563075979 | 0.487032614 | 0.194028651 | 0.171319770 | 0.220118243 |
| ## | 181881      | 181889      | 181891      | 181896      | 181897      | 181905      |
| ## | 0.581291183 | 0.192414255 | 0.198652424 | 0.214414624 | 0.214414624 | 0.202483840 |
| ## | 181908      | 181909      | 181914      | 181918      | 181919      | 181926      |
| ## | 0.194389952 | 0.105907011 | 0.112904352 | 0.195596785 | 0.551005508 | 0.185708733 |
| ## | 181938      | 181942      | 181948      | 181952      | 181953      | 181954      |
| ## | 0.107962489 | 0.197782850 | 0.107962489 | 0.107962489 | 0.107962489 | 0.107962489 |
| ## | 181973      | 181978      | 181984      | 181999      | 182036      | 182042      |
| ## | 0.107962489 | 0.195428810 | 0.082460338 | 0.197782850 | 0.558719865 | 0.068707630 |
| ## | 182046      | 182051      | 182055      | 182059      | 182073      | 182074      |
| ## | 0.128969398 | 0.068707630 | 0.304505658 | 0.081434032 | 0.162450331 | 0.088127196 |
| ## | 182076      | 182081      | 182087      | 182108      | 182112      | 182115      |
| ## | 0.356503670 | 0.174670494 | 0.090090242 | 0.113668521 | 0.204696819 | 0.204696819 |
| ## | 182118      | 182122      | 182126      | 182130      | 182131      | 182133      |
| ## | 0.204696819 | 0.169522623 | 0.113255398 | 0.164956493 | 0.179707899 | 0.086165956 |
| ## | 182150      | 182155      | 182157      | 182160      | 182175      | 182181      |
| ## | 0.156826197 | 0.517085584 | 0.089730359 | 0.167873076 | 0.169819507 | 0.155355853 |
| ## | 182182      | 182190      | 182195      | 182198      | 182204      | 182214      |
| ## | 0.439205371 | 0.163345426 | 0.508109564 | 0.355871350 | 0.163345426 | 0.146564554 |
| ## | 182215      | 182217      | 182226      | 182234      | 182237      | 182238      |
| ## | 0.066686578 | 0.447228221 | 0.074851972 | 0.205011945 | 0.537191906 | 0.174124875 |
| ## | 182244      | 182250      | 182257      | 182262      | 182266      | 182272      |
| ## | 0.150448663 | 0.173259241 | 0.435952129 | 0.273943870 | 0.273943870 | 0.666251865 |
| ## | 182273      | 182281      | 182283      | 182286      | 182287      | 182298      |
| ## | 0.273943870 | 0.276918153 | 0.158248913 | 0.273943870 | 0.273943870 | 0.276918153 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 182300      | 182303      | 182306      | 182310      | 182315      | 182316      |
| ## | 0.276918153 | 0.158248913 | 0.276918153 | 0.276918153 | 0.188464312 | 0.133285096 |
| ## | 182322      | 182323      | 182334      | 182340      | 182342      | 182345      |
| ## | 0.165999179 | 0.122346958 | 0.154870529 | 0.149760071 | 0.186492090 | 0.154691045 |
| ## | 182346      | 182351      | 182357      | 182360      | 182368      | 182370      |
| ## | 0.107671735 | 0.179851404 | 0.160954657 | 0.168363806 | 0.093181381 | 0.160683721 |
| ## | 182378      | 182379      | 182383      | 182384      | 182390      | 182400      |
| ## | 0.183076153 | 0.180857691 | 0.183076153 | 0.183076153 | 0.180857691 | 0.089867482 |
| ## | 182408      | 182410      | 182414      | 182420      | 182421      | 182430      |
| ## | 0.397202819 | 0.497390759 | 0.350606892 | 0.105690519 | 0.194031840 | 0.088193443 |
| ## | 182439      | 182440      | 182446      | 182448      | 182450      | 182451      |
| ## | 0.131357494 | 0.297871675 | 0.077610646 | 0.298056563 | 0.089377945 | 0.117761479 |
| ## | 182464      | 182467      | 182475      | 182479      | 182491      | 182492      |
| ## | 0.127801173 | 0.071063037 | 0.094804976 | 0.089758852 | 0.138206550 | 0.139991248 |
| ## | 182495      | 182502      | 182503      | 182504      | 182512      | 182513      |
| ## | 0.043305733 | 0.072928781 | 0.073781360 | 0.304853684 | 0.071382928 | 0.072377186 |
| ## | 182517      | 182523      | 182524      | 182525      | 182531      | 182536      |
| ## | 0.068804892 | 0.097324369 | 0.382394534 | 0.084935500 | 0.089092571 | 0.141878523 |
| ## | 182537      | 182541      | 182547      | 182548      | 182557      | 182559      |
| ## | 0.462895124 | 0.077904984 | 0.154354281 | 0.154354281 | 0.492884536 | 0.075873834 |
| ## | 182561      | 182562      | 182564      | 182572      | 182574      | 182580      |
| ## | 0.055582563 | 0.075873834 | 0.141466147 | 0.075873834 | 0.075873834 | 0.299706654 |
| ## | 182582      | 182592      | 182593      | 182594      | 182595      | 182606      |
| ## | 0.141466147 | 0.465758577 | 0.143285939 | 0.075873834 | 0.075873834 | 0.153062671 |
| ## | 182610      | 182611      | 182612      | 182615      | 182617      | 182620      |
| ## | 0.132529827 | 0.452598270 | 0.082773974 | 0.072681843 | 0.072681843 | 0.149115830 |
| ## | 182634      | 182635      | 182636      | 182638      | 182641      | 182644      |
| ## | 0.390209861 | 0.104337841 | 0.158370960 | 0.156394556 | 0.156394556 | 0.333295244 |
| ## | 182655      | 182665      | 182666      | 182679      | 182683      | 182684      |
| ## | 0.169368829 | 0.103497885 | 0.400888297 | 0.504694587 | 0.070187208 | 0.323010121 |
| ## | 182686      | 182700      | 182701      | 182702      | 182707      | 182708      |
| ## | 0.064974571 | 0.066920968 | 0.091111007 | 0.169180133 | 0.171285305 | 0.169180133 |
| ## | 182711      | 182723      | 182731      | 182732      | 182739      | 182741      |
| ## | 0.092116662 | 0.079024246 | 0.041001138 | 0.041001138 | 0.078284910 | 0.040025267 |
| ## | 182745      | 182752      | 182753      | 182755      | 182758      | 182761      |
| ## | 0.248499505 | 0.211767885 | 0.493713270 | 0.228270617 | 0.228270617 | 0.140230333 |
| ## | 182763      | 182767      | 182768      | 182771      | 182772      | 182778      |
| ## | 0.604610443 | 0.605022998 | 0.227120461 | 0.606198873 | 0.231167400 | 0.201759838 |
| ## | 182796      | 182799      | 182807      | 182816      | 182820      | 182826      |
| ## | 0.615059342 | 0.572632181 | 0.235598501 | 0.129120405 | 0.630531797 | 0.528795513 |
| ## | 182840      | 182844      | 182845      | 182855      | 182858      | 182864      |
| ## | 0.241384429 | 0.241384429 | 0.633138724 | 0.238927262 | 0.630005486 | 0.238927262 |
| ## | 182866      | 182876      | 182885      | 182888      | 182891      | 182905      |
| ## | 0.236227719 | 0.612923973 | 0.232102964 | 0.232139845 | 0.187225901 | 0.642573769 |
| ## | 182910      | 182914      | 182917      | 182921      | 182923      | 182924      |
| ## | 0.626246325 | 0.642573769 | 0.642573769 | 0.642573769 | 0.249357346 | 0.642573769 |
| ## | 182929      | 182930      | 182934      | 182935      | 182942      | 182943      |
| ## | 0.242996789 | 0.240265781 | 0.242996789 | 0.136127412 | 0.236893886 | 0.234210247 |
| ## | 182947      | 182948      | 182949      | 182956      | 182957      | 182958      |
| ## | 0.135887849 | 0.128256651 | 0.609719809 | 0.590688770 | 0.590688770 | 0.253078502 |
| ## | 182962      | 182966      | 182971      | 182980      | 182985      | 182994      |
| ## | 0.253078502 | 0.209169210 | 0.116183254 | 0.279244997 | 0.282254461 | 0.279244997 |
| ## | 182996      | 182998      | 183001      | 183002      | 183009      | 183026      |
| ## | 0.161810160 | 0.161810160 | 0.282254461 | 0.161810160 | 0.279244997 | 0.279244997 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 183029      | 183032      | 183037      | 183038      | 183044      | 183046      |
| ## | 0.161810160 | 0.125376219 | 0.161810160 | 0.279244997 | 0.161810160 | 0.161810160 |
| ## | 183052      | 183054      | 183058      | 183077      | 183078      | 183079      |
| ## | 0.282254461 | 0.279244997 | 0.279244997 | 0.279244997 | 0.693358080 | 0.282254461 |
| ## | 183090      | 183098      | 183103      | 183105      | 183107      | 183113      |
| ## | 0.161810160 | 0.168315301 | 0.168315301 | 0.168315301 | 0.168315301 | 0.168315301 |
| ## | 183114      | 183118      | 183122      | 183124      | 183133      | 183144      |
| ## | 0.168315301 | 0.592298398 | 0.203975944 | 0.220131238 | 0.156885336 | 0.184342801 |
| ## | 183147      | 183150      | 183156      | 183158      | 183159      | 183182      |
| ## | 0.184342801 | 0.184342801 | 0.175571390 | 0.539133350 | 0.539133350 | 0.211486903 |
| ## | 183185      | 183188      | 183190      | 183198      | 183200      | 183201      |
| ## | 0.213982927 | 0.562040482 | 0.189039036 | 0.131121791 | 0.086456778 | 0.185132367 |
| ## | 183206      | 183207      | 183209      | 183216      | 183222      | 183230      |
| ## | 0.168768188 | 0.136445955 | 0.527296281 | 0.221304271 | 0.104295613 | 0.131067345 |
| ## | 183232      | 183233      | 183237      | 183242      | 183244      | 183245      |
| ## | 0.120299500 | 0.121885665 | 0.213605575 | 0.068380355 | 0.179474225 | 0.181679480 |
| ## | 183246      | 183248      | 183251      | 183252      | 183257      | 183259      |
| ## | 0.119967144 | 0.036083059 | 0.227518025 | 0.230148029 | 0.227518025 | 0.230148029 |
| ## | 183260      | 183261      | 183266      | 183267      | 183269      | 183283      |
| ## | 0.230148029 | 0.230148029 | 0.230148029 | 0.136314509 | 0.203231751 | 0.096583067 |
| ## | 183292      | 183296      | 183301      | 183313      | 183314      | 183316      |
| ## | 0.204840949 | 0.114863382 | 0.151498630 | 0.098799442 | 0.199425856 | 0.119241853 |
| ## | 183317      | 183320      | 183324      | 183343      | 183346      | 183347      |
| ## | 0.438046599 | 0.107649369 | 0.196651888 | 0.139835960 | 0.172552361 | 0.172552361 |
| ## | 183354      | 183357      | 183359      | 183366      | 183367      | 183369      |
| ## | 0.207001700 | 0.206331381 | 0.206331381 | 0.209005565 | 0.579361181 | 0.206552343 |
| ## | 183370      | 183373      | 183374      | 183394      | 183402      | 183403      |
| ## | 0.206552343 | 0.344290672 | 0.095069010 | 0.118796911 | 0.174775238 | 0.176719437 |
| ## | 183407      | 183408      | 183413      | 183443      | 183446      | 183447      |
| ## | 0.430907792 | 0.125194440 | 0.168514016 | 0.216226039 | 0.213812824 | 0.211318251 |
| ## | 183463      | 183467      | 183468      | 183475      | 183483      | 183487      |
| ## | 0.170840456 | 0.120840031 | 0.119265626 | 0.199572730 | 0.201567518 | 0.112820130 |
| ## | 183491      | 183496      | 183505      | 183506      | 183521      | 183527      |
| ## | 0.136450600 | 0.540247857 | 0.478821523 | 0.506827297 | 0.222640151 | 0.222640151 |
| ## | 183529      | 183534      | 183539      | 183543      | 183544      | 183545      |
| ## | 0.220071417 | 0.122516957 | 0.218881373 | 0.618924818 | 0.122516957 | 0.122516957 |
| ## | 183555      | 183557      | 183561      | 183563      | 183565      | 183572      |
| ## | 0.122516957 | 0.122516957 | 0.122516957 | 0.218881373 | 0.218881373 | 0.171172280 |
| ## | 183579      | 183592      | 183610      | 183611      | 183612      | 183616      |
| ## | 0.105488321 | 0.192643917 | 0.189312041 | 0.441584074 | 0.216647599 | 0.199265534 |
| ## | 183619      | 183620      | 183622      | 183625      | 183627      | 183630      |
| ## | 0.195267718 | 0.403496577 | 0.163022171 | 0.176146188 | 0.176146188 | 0.094630637 |
| ## | 183633      | 183639      | 183643      | 183646      | 183651      | 183654      |
| ## | 0.139517455 | 0.168436064 | 0.154598853 | 0.173493591 | 0.173493591 | 0.173493591 |
| ## | 183657      | 183663      | 183665      | 183667      | 183675      | 183677      |
| ## | 0.157446618 | 0.085179926 | 0.085179926 | 0.157446618 | 0.085179926 | 0.157446618 |
| ## | 183680      | 183685      | 183688      | 183690      | 183697      | 183708      |
| ## | 0.159433805 | 0.157446618 | 0.157446618 | 0.085179926 | 0.135954581 | 0.173936557 |
| ## | 183713      | 183714      | 183724      | 183726      | 183727      | 183747      |
| ## | 0.078488127 | 0.087352793 | 0.149941453 | 0.149941453 | 0.151850986 | 0.499200600 |
| ## | 183752      | 183753      | 183757      | 183758      | 183762      | 183772      |
| ## | 0.148618439 | 0.150514107 | 0.480137225 | 0.080018975 | 0.080018975 | 0.148618439 |
| ## | 183777      | 183779      | 183785      | 183792      | 183793      | 183805      |
| ## | 0.080018975 | 0.148618439 | 0.146946653 | 0.148824724 | 0.079047208 | 0.089079390 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 183809      | 183813      | 183816      | 183818      | 183831      | 183832      |
| ## | 0.160228250 | 0.080176046 | 0.415839714 | 0.474353149 | 0.428778299 | 0.121569837 |
| ## | 183837      | 183838      | 183840      | 183841      | 183854      | 183855      |
| ## | 0.116284757 | 0.410449460 | 0.117825077 | 0.061531274 | 0.145012242 | 0.116630101 |
| ## | 183861      | 183862      | 183865      | 183866      | 183869      | 183871      |
| ## | 0.554365575 | 0.192669603 | 0.111790626 | 0.301489606 | 0.534777518 | 0.490007344 |
| ## | 183873      | 183874      | 183884      | 183888      | 183907      | 183914      |
| ## | 0.124098434 | 0.124098434 | 0.437490395 | 0.133594609 | 0.154391326 | 0.166741137 |
| ## | 183921      | 183926      | 183938      | 183945      | 183948      | 183949      |
| ## | 0.147546738 | 0.086591867 | 0.386534910 | 0.332430184 | 0.156638396 | 0.156638396 |
| ## | 183952      | 183961      | 183970      | 183971      | 183972      | 183993      |
| ## | 0.156638396 | 0.151758321 | 0.101335784 | 0.186797482 | 0.101335784 | 0.163474749 |
| ## | 183994      | 184017      | 184020      | 184031      | 184032      | 184040      |
| ## | 0.163474749 | 0.083815432 | 0.083815432 | 0.155120781 | 0.157084085 | 0.155120781 |
| ## | 184042      | 184054      | 184058      | 184069      | 184071      | 184074      |
| ## | 0.083815432 | 0.050079628 | 0.084763113 | 0.507971772 | 0.097420491 | 0.108044433 |
| ## | 184081      | 184082      | 184083      | 184085      | 184087      | 184090      |
| ## | 0.151944480 | 0.151944480 | 0.104547758 | 0.141108741 | 0.118174733 | 0.114424343 |
| ## | 184099      | 184100      | 184107      | 184111      | 184118      | 184124      |
| ## | 0.220687521 | 0.220687521 | 0.310186403 | 0.681973033 | 0.180682526 | 0.313548241 |
| ## | 184125      | 184129      | 184131      | 184142      | 184143      | 184168      |
| ## | 0.310349389 | 0.701659577 | 0.651063755 | 0.300340594 | 0.110501955 | 0.315515815 |
| ## | 184176      | 184177      | 184184      | 184186      | 184196      | 184199      |
| ## | 0.247517248 | 0.140818439 | 0.693196672 | 0.147754825 | 0.303338682 | 0.702317885 |
| ## | 184203      | 184211      | 184212      | 184216      | 184241      | 184243      |
| ## | 0.682901934 | 0.185480888 | 0.700579357 | 0.700579357 | 0.314930891 | 0.318155181 |
| ## | 184248      | 184249      | 184250      | 184253      | 184255      | 184258      |
| ## | 0.701808925 | 0.701808925 | 0.318155181 | 0.229263316 | 0.270714863 | 0.692912054 |
| ## | 184268      | 184273      | 184275      | 184283      | 184288      | 184291      |
| ## | 0.709748915 | 0.736900351 | 0.254944361 | 0.317609748 | 0.301433506 | 0.601156649 |
| ## | 184300      | 184303      | 184304      | 184306      | 184311      | 184325      |
| ## | 0.318456590 | 0.318456590 | 0.318456590 | 0.303338682 | 0.303338682 | 0.301342548 |
| ## | 184333      | 184336      | 184337      | 184341      | 184347      | 184349      |
| ## | 0.301504231 | 0.314230244 | 0.701128455 | 0.701128455 | 0.314230244 | 0.701128455 |
| ## | 184352      | 184376      | 184382      | 184384      | 184391      | 184394      |
| ## | 0.601625423 | 0.201608610 | 0.111760645 | 0.204018213 | 0.204018213 | 0.204018213 |
| ## | 184395      | 184398      | 184406      | 184409      | 184412      | 184414      |
| ## | 0.204018213 | 0.204018213 | 0.169528587 | 0.169528587 | 0.290622865 | 0.290622865 |
| ## | 184430      | 184442      | 184449      | 184451      | 184460      | 184467      |
| ## | 0.164355239 | 0.293704983 | 0.662816629 | 0.147430726 | 0.152615033 | 0.680312995 |
| ## | 184477      | 184478      | 184484      | 184487      | 184490      | 184501      |
| ## | 0.710011125 | 0.713070089 | 0.713070089 | 0.710011125 | 0.713070089 | 0.465291117 |
| ## | 184502      | 184504      | 184505      | 184511      | 184514      | 184534      |
| ## | 0.465291117 | 0.713070089 | 0.713070089 | 0.713070089 | 0.713070089 | 0.797672703 |
| ## | 184542      | 184547      | 184548      | 184556      | 184557      | 184563      |
| ## | 0.795256713 | 0.277300334 | 0.797672703 | 0.277300334 | 0.797672703 | 0.438715233 |
| ## | 184572      | 184573      | 184578      | 184580      | 184585      | 184592      |
| ## | 0.277300334 | 0.438715233 | 0.277300334 | 0.797672703 | 0.277300334 | 0.438715233 |
| ## | 184593      | 184596      | 184597      | 184602      | 184612      | 184615      |
| ## | 0.438715233 | 0.797672703 | 0.277300334 | 0.797672703 | 0.438715233 | 0.277300334 |
| ## | 184623      | 184632      | 184645      | 184650      | 184657      | 184667      |
| ## | 0.438715233 | 0.435048710 | 0.797672703 | 0.797672703 | 0.797672703 | 0.797672703 |
| ## | 184668      | 184675      | 184687      | 184692      | 184700      | 184704      |
| ## | 0.438715233 | 0.797672703 | 0.277300334 | 0.435048710 | 0.277300334 | 0.438715233 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 184709      | 184711      | 184714      | 184716      | 184719      | 184724      |
| ## | 0.797672703 | 0.435048710 | 0.277300334 | 0.797672703 | 0.277300334 | 0.809140075 |
| ## | 184726      | 184732      | 184734      | 184738      | 184744      | 184748      |
| ## | 0.797672703 | 0.277300334 | 0.797672703 | 0.802929240 | 0.809140075 | 0.797672703 |
| ## | 184751      | 184758      | 184761      | 184767      | 184772      | 184774      |
| ## | 0.277300334 | 0.797672703 | 0.802929240 | 0.659327096 | 0.277300334 | 0.435048710 |
| ## | 184777      | 184779      | 184801      | 184807      | 184813      | 184817      |
| ## | 0.795256713 | 0.438715233 | 0.277300334 | 0.797672703 | 0.435048710 | 0.797672703 |
| ## | 184818      | 184826      | 184827      | 184830      | 184839      | 184842      |
| ## | 0.797672703 | 0.277300334 | 0.797672703 | 0.797672703 | 0.277300334 | 0.435048710 |
| ## | 184843      | 184848      | 184849      | 184850      | 184851      | 184856      |
| ## | 0.277300334 | 0.797672703 | 0.797672703 | 0.438715233 | 0.438715233 | 0.659327096 |
| ## | 184858      | 184863      | 184865      | 184866      | 184873      | 184877      |
| ## | 0.797672703 | 0.438715233 | 0.438715233 | 0.797672703 | 0.438715233 | 0.800560324 |
| ## | 184882      | 184885      | 184900      | 184902      | 184913      | 184917      |
| ## | 0.618510249 | 0.104881165 | 0.618510249 | 0.441892705 | 0.659598515 | 0.294821759 |
| ## | 184920      | 184926      | 184930      | 184937      | 184946      | 184954      |
| ## | 0.381956344 | 0.715063097 | 0.551958822 | 0.715063097 | 0.721717111 | 0.715063097 |
| ## | 184955      | 184957      | 184959      | 184965      | 184966      | 184972      |
| ## | 0.715063097 | 0.332236607 | 0.712016801 | 0.715063097 | 0.662298970 | 0.303037896 |
| ## | 184979      | 184982      | 184986      | 184989      | 184992      | 184998      |
| ## | 0.673624692 | 0.572667500 | 0.581480766 | 0.592218684 | 0.592218684 | 0.584139207 |
| ## | 185006      | 185013      | 185019      | 185020      | 185022      | 185023      |
| ## | 0.578961498 | 0.568718750 | 0.451306293 | 0.171187637 | 0.150555704 | 0.475730084 |
| ## | 185029      | 185031      | 185032      | 185033      | 185035      | 185036      |
| ## | 0.494340382 | 0.146009001 | 0.470176282 | 0.482060298 | 0.277300334 | 0.277300334 |
| ## | 185042      | 185043      | 185046      | 185047      | 185050      | 185063      |
| ## | 0.186542210 | 0.101182770 | 0.101182770 | 0.544493269 | 0.101182770 | 0.186542210 |
| ## | 185065      | 185070      | 185084      | 185085      | 185089      | 185094      |
| ## | 0.101182770 | 0.186542210 | 0.103084947 | 0.189710393 | 0.189710393 | 0.232657463 |
| ## | 185109      | 185110      | 185113      | 185117      | 185118      | 185123      |
| ## | 0.131247080 | 0.235328777 | 0.232657463 | 0.232657463 | 0.131247080 | 0.131247080 |
| ## | 185129      | 185131      | 185135      | 185137      | 185143      | 185162      |
| ## | 0.131247080 | 0.235328777 | 0.235328777 | 0.627846998 | 0.616003501 | 0.232657463 |
| ## | 185163      | 185178      | 185183      | 185192      | 185194      | 185201      |
| ## | 0.235328777 | 0.235328777 | 0.235328777 | 0.131247080 | 0.232657463 | 0.440558552 |
| ## | 185202      | 185205      | 185217      | 185239      | 185257      | 185261      |
| ## | 0.131247080 | 0.232657463 | 0.232657463 | 0.232657463 | 0.232657463 | 0.235328777 |
| ## | 185262      | 185274      | 185280      | 185283      | 185284      | 185288      |
| ## | 0.100429676 | 0.206600105 | 0.170125090 | 0.095314995 | 0.175952415 | 0.175952415 |
| ## | 185290      | 185312      | 185314      | 185317      | 185318      | 185329      |
| ## | 0.175952415 | 0.195084351 | 0.195084351 | 0.133349336 | 0.454360307 | 0.193114929 |
| ## | 185331      | 185339      | 185347      | 185350      | 185352      | 185353      |
| ## | 0.551388450 | 0.182729832 | 0.119865793 | 0.121447028 | 0.121447028 | 0.182318131 |
| ## | 185355      | 185357      | 185363      | 185386      | 185389      | 185390      |
| ## | 0.180514640 | 0.415393588 | 0.090901715 | 0.171148138 | 0.112247841 | 0.188356685 |
| ## | 185391      | 185395      | 185399      | 185401      | 185416      | 185424      |
| ## | 0.190645723 | 0.089179206 | 0.089179206 | 0.164229776 | 0.089179206 | 0.164229776 |
| ## | 185435      | 185444      | 185447      | 185452      | 185474      | 185476      |
| ## | 0.523095686 | 0.187808563 | 0.375230476 | 0.056912569 | 0.097987694 | 0.188480929 |
| ## | 185479      | 185480      | 185483      | 185492      | 185495      | 185501      |
| ## | 0.158833625 | 0.173758216 | 0.183970451 | 0.207020747 | 0.184871420 | 0.105433773 |
| ## | 185502      | 185505      | 185519      | 185522      | 185524      | 185529      |
| ## | 0.051969750 | 0.110177462 | 0.067892706 | 0.091486040 | 0.323813263 | 0.035350188 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 185531      | 185540      | 185541      | 185543      | 185544      | 185550      |
| ## | 0.095925914 | 0.312939836 | 0.079263499 | 0.066869327 | 0.120098200 | 0.130196656 |
| ## | 185553      | 185558      | 185565      | 185571      | 185574      | 185575      |
| ## | 0.183686133 | 0.167211506 | 0.295466794 | 0.298578661 | 0.686133092 | 0.689333724 |
| ## | 185583      | 185589      | 185597      | 185598      | 185599      | 185606      |
| ## | 0.295466794 | 0.298578661 | 0.295466794 | 0.295466794 | 0.285717822 | 0.561216373 |
| ## | 185620      | 185635      | 185637      | 185638      | 185649      | 185653      |
| ## | 0.554916256 | 0.140429220 | 0.314916691 | 0.150891445 | 0.231017056 | 0.347470973 |
| ## | 185667      | 185668      | 185687      | 185691      | 185693      | 185694      |
| ## | 0.344099519 | 0.347470973 | 0.242916175 | 0.185925797 | 0.188192143 | 0.188192143 |
| ## | 185695      | 185697      | 185700      | 185714      | 185718      | 185722      |
| ## | 0.487939489 | 0.156509843 | 0.204380618 | 0.347470973 | 0.347470973 | 0.347470973 |
| ## | 185723      | 185729      | 185731      | 185736      | 185738      | 185741      |
| ## | 0.207232404 | 0.541148646 | 0.189511083 | 0.092136269 | 0.324032555 | 0.100975815 |
| ## | 185747      | 185748      | 185754      | 185759      | 185765      | 185778      |
| ## | 0.360811957 | 0.095111888 | 0.152296465 | 0.145712339 | 0.090581195 | 0.135543844 |
| ## | 185779      | 185783      | 185795      | 185801      | 185816      | 185819      |
| ## | 0.091246048 | 0.244132068 | 0.334944421 | 0.353739539 | 0.165132799 | 0.097683988 |
| ## | 185820      | 185826      | 185828      | 185830      | 185854      | 185856      |
| ## | 0.162726903 | 0.162726903 | 0.160706519 | 0.160706519 | 0.079322996 | 0.468815385 |
| ## | 185865      | 185866      | 185870      | 185878      | 185894      | 185899      |
| ## | 0.152242382 | 0.130560372 | 0.081583988 | 0.085518904 | 0.139064642 | 0.083593791 |
| ## | 185901      | 185908      | 185912      | 185921      | 185934      | 185936      |
| ## | 0.083593791 | 0.083593791 | 0.083593791 | 0.066747876 | 0.253658815 | 0.250847686 |
| ## | 185937      | 185938      | 185940      | 185941      | 185942      | 185946      |
| ## | 0.250847686 | 0.142986009 | 0.142986009 | 0.142986009 | 0.250847686 | 0.248684627 |
| ## | 185953      | 185956      | 185963      | 185966      | 185969      | 185971      |
| ## | 0.103319034 | 0.237467672 | 0.096777047 | 0.051092881 | 0.509441171 | 0.509441171 |
| ## | 185981      | 185990      | 185993      | 185999      | 186001      | 186002      |
| ## | 0.097851683 | 0.179338598 | 0.102483662 | 0.525120291 | 0.089845615 | 0.089845615 |
| ## | 186006      | 186013      | 186015      | 186021      | 186026      | 186037      |
| ## | 0.180216085 | 0.138434411 | 0.073016443 | 0.102483662 | 0.040535661 | 0.525595019 |
| ## | 186041      | 186044      | 186047      | 186049      | 186056      | 186059      |
| ## | 0.160301848 | 0.508705677 | 0.175574148 | 0.175574148 | 0.192750692 | 0.106324594 |
| ## | 186060      | 186062      | 186065      | 186066      | 186067      | 186081      |
| ## | 0.106324594 | 0.106324594 | 0.195080295 | 0.195080295 | 0.192750692 | 0.193159218 |
| ## | 186088      | 186090      | 186093      | 186097      | 186102      | 186103      |
| ## | 0.193159218 | 0.081370010 | 0.193159218 | 0.568590378 | 0.159657763 | 0.497576244 |
| ## | 186105      | 186113      | 186124      | 186143      | 186155      | 186156      |
| ## | 0.522241890 | 0.405972242 | 0.083246962 | 0.203858579 | 0.081677203 | 0.058878673 |
| ## | 186159      | 186161      | 186179      | 186195      | 186203      | 186210      |
| ## | 0.156788025 | 0.532157185 | 0.098062411 | 0.197230701 | 0.583847326 | 0.197230701 |
| ## | 186211      | 186215      | 186230      | 186231      | 186235      | 186251      |
| ## | 0.197230701 | 0.583059944 | 0.183964008 | 0.073498202 | 0.094702593 | 0.088902924 |
| ## | 186252      | 186255      | 186257      | 186258      | 186263      | 186271      |
| ## | 0.113024033 | 0.163893068 | 0.500887721 | 0.074761750 | 0.056597406 | 0.181591279 |
| ## | 186275      | 186277      | 186282      | 186284      | 186307      | 186311      |
| ## | 0.176947961 | 0.184999656 | 0.181990600 | 0.181990600 | 0.121674951 | 0.186112330 |
| ## | 186314      | 186323      | 186327      | 186329      | 186332      | 186348      |
| ## | 0.186112330 | 0.432789694 | 0.400413054 | 0.119871540 | 0.202309401 | 0.202309401 |
| ## | 186349      | 186352      | 186353      | 186354      | 186359      | 186368      |
| ## | 0.337308524 | 0.202309401 | 0.569340030 | 0.153833594 | 0.337308524 | 0.202309401 |
| ## | 186372      | 186374      | 186377      | 186382      | 186387      | 186394      |
| ## | 0.337308524 | 0.337308524 | 0.153188518 | 0.202309401 | 0.153188518 | 0.202309401 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 186414      | 186415      | 186421      | 186422      | 186429      | 186434      |
| ## | 0.202309401 | 0.337308524 | 0.340647997 | 0.340647997 | 0.202309401 | 0.202309401 |
| ## | 186441      | 186445      | 186451      | 186455      | 186461      | 186463      |
| ## | 0.340647997 | 0.337308524 | 0.337308524 | 0.337308524 | 0.274140007 | 0.274140007 |
| ## | 186466      | 186467      | 186470      | 186478      | 186479      | 186483      |
| ## | 0.079081248 | 0.680232860 | 0.304759227 | 0.288421010 | 0.681987377 | 0.702871727 |
| ## | 186484      | 186485      | 186497      | 186517      | 186527      | 186537      |
| ## | 0.267360755 | 0.157443878 | 0.303953540 | 0.684750863 | 0.684750863 | 0.289377149 |
| ## | 186541      | 186542      | 186543      | 186550      | 186552      | 186559      |
| ## | 0.286322037 | 0.166598928 | 0.286322037 | 0.692323512 | 0.700256219 | 0.286965619 |
| ## | 186563      | 186572      | 186582      | 186587      | 186590      | 186594      |
| ## | 0.171916409 | 0.180329275 | 0.647517139 | 0.267046690 | 0.510778849 | 0.284921320 |
| ## | 186596      | 186598      | 186599      | 186602      | 186605      | 186608      |
| ## | 0.165647965 | 0.284921320 | 0.678264105 | 0.284921320 | 0.127182450 | 0.701368959 |
| ## | 186614      | 186615      | 186626      | 186642      | 186665      | 186674      |
| ## | 0.307430403 | 0.198013490 | 0.158287603 | 0.275170726 | 0.700989880 | 0.303413327 |
| ## | 186682      | 186683      | 186684      | 186689      | 186695      | 186698      |
| ## | 0.571785286 | 0.147291881 | 0.683130163 | 0.292579827 | 0.200102621 | 0.565970262 |
| ## | 186701      | 186704      | 186712      | 186717      | 186725      | 186729      |
| ## | 0.080538412 | 0.314589030 | 0.595800519 | 0.186858411 | 0.694503215 | 0.174408778 |
| ## | 186732      | 186734      | 186739      | 186745      | 186753      | 186758      |
| ## | 0.148767977 | 0.481647394 | 0.471737171 | 0.148129216 | 0.063855218 | 0.122623956 |
| ## | 186763      | 186766      | 186773      | 186783      | 186784      | 186785      |
| ## | 0.149795844 | 0.089937168 | 0.414809874 | 0.091418173 | 0.069519443 | 0.168005431 |
| ## | 186791      | 186793      | 186794      | 186795      | 186800      | 186803      |
| ## | 0.168005431 | 0.168005431 | 0.091418173 | 0.091418173 | 0.084471204 | 0.143489219 |
| ## | 186817      | 186821      | 186826      | 186841      | 186843      | 186852      |
| ## | 0.067268300 | 0.054602032 | 0.129320733 | 0.048899073 | 0.345663162 | 0.115334997 |
| ## | 186869      | 186873      | 186877      | 186879      | 186880      | 186882      |
| ## | 0.331929644 | 0.331929644 | 0.741208498 | 0.155285209 | 0.155285209 | 0.331929644 |
| ## | 186887      | 186888      | 186889      | 186892      | 186896      | 186901      |
| ## | 0.331929644 | 0.150080767 | 0.335242804 | 0.331929644 | 0.331929644 | 0.198438651 |
| ## | 186909      | 186910      | 186912      | 186920      | 186924      | 186926      |
| ## | 0.331929644 | 0.198438651 | 0.548769967 | 0.231404919 | 0.331929644 | 0.335242804 |
| ## | 186928      | 186935      | 186942      | 186950      | 186952      | 186956      |
| ## | 0.198438651 | 0.198438651 | 0.331929644 | 0.331929644 | 0.331929644 | 0.198438651 |
| ## | 186964      | 186969      | 186974      | 186978      | 186983      | 186989      |
| ## | 0.331929644 | 0.335242804 | 0.056278451 | 0.115473980 | 0.207385585 | 0.331929644 |
| ## | 187008      | 187009      | 187010      | 187021      | 187023      | 187028      |
| ## | 0.198438651 | 0.335242804 | 0.331929644 | 0.198438651 | 0.150080767 | 0.155285209 |
| ## | 187034      | 187037      | 187043      | 187051      | 187056      | 187061      |
| ## | 0.335242804 | 0.331929644 | 0.331929644 | 0.335242804 | 0.335242804 | 0.335242804 |
| ## | 187070      | 187081      | 187082      | 187085      | 187087      | 187099      |
| ## | 0.724424277 | 0.724424277 | 0.335242804 | 0.335242804 | 0.335242804 | 0.724424277 |
| ## | 187104      | 187107      | 187115      | 187117      | 187123      | 187126      |
| ## | 0.743611497 | 0.096293314 | 0.318663547 | 0.315436489 | 0.331138240 | 0.453354479 |
| ## | 187132      | 187133      | 187135      | 187140      | 187143      | 187147      |
| ## | 0.313372880 | 0.309947858 | 0.316095478 | 0.205441695 | 0.394815865 | 0.347946115 |
| ## | 187150      | 187168      | 187175      | 187178      | 187181      | 187184      |
| ## | 0.443933088 | 0.315399173 | 0.337945692 | 0.830278092 | 0.315399173 | 0.169611380 |
| ## | 187189      | 187191      | 187192      | 187193      | 187194      | 187201      |
| ## | 0.323453812 | 0.724674667 | 0.724232554 | 0.338741202 | 0.335410913 | 0.338253819 |
| ## | 187206      | 187220      | 187224      | 187225      | 187226      | 187230      |
| ## | 0.440257162 | 0.315399173 | 0.232109146 | 0.346577817 | 0.346577817 | 0.291272488 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 187231      | 187239      | 187244      | 187253      | 187255      | 187261      |
| ## | 0.343875397 | 0.080590775 | 0.364606549 | 0.336020173 | 0.627772074 | 0.362160846 |
| ## | 187273      | 187279      | 187287      | 187288      | 187301      | 187305      |
| ## | 0.480413572 | 0.480413572 | 0.480413572 | 0.480413572 | 0.315399173 | 0.308948902 |
| ## | 187306      | 187307      | 187309      | 187310      | 187316      | 187330      |
| ## | 0.325279042 | 0.627772074 | 0.693526960 | 0.291762640 | 0.341755669 | 0.118316211 |
| ## | 187331      | 187343      | 187344      | 187346      | 187351      | 187357      |
| ## | 0.359113190 | 0.140468742 | 0.346751271 | 0.359747742 | 0.724232554 | 0.261868009 |
| ## | 187361      | 187370      | 187371      | 187372      | 187413      | 187421      |
| ## | 0.443933088 | 0.314432333 | 0.687262456 | 0.172408744 | 0.480413572 | 0.315399173 |
| ## | 187422      | 187432      | 187435      | 187446      | 187447      | 187452      |
| ## | 0.714429785 | 0.338741202 | 0.315399173 | 0.480413572 | 0.480413572 | 0.480413572 |
| ## | 187457      | 187467      | 187469      | 187470      | 187471      | 187472      |
| ## | 0.315399173 | 0.449663625 | 0.194465897 | 0.198923823 | 0.443933088 | 0.440257162 |
| ## | 187476      | 187477      | 187485      | 187488      | 187494      | 187499      |
| ## | 0.440257162 | 0.440257162 | 0.352713040 | 0.307579013 | 0.740291847 | 0.180942261 |
| ## | 187507      | 187511      | 187528      | 187533      | 187536      | 187539      |
| ## | 0.339546156 | 0.315436489 | 0.744531343 | 0.329752820 | 0.747555738 | 0.333062980 |
| ## | 187550      | 187561      | 187563      | 187570      | 187572      | 187575      |
| ## | 0.331010998 | 0.348705173 | 0.215158179 | 0.453354479 | 0.289329864 | 0.737812199 |
| ## | 187576      | 187581      | 187584      | 187589      | 187590      | 187597      |
| ## | 0.205441695 | 0.732533507 | 0.314432333 | 0.480413572 | 0.480413572 | 0.281561440 |
| ## | 187599      | 187607      | 187611      | 187613      | 187615      | 187617      |
| ## | 0.708138829 | 0.725627950 | 0.351793777 | 0.327384829 | 0.170307467 | 0.346138050 |
| ## | 187622      | 187623      | 187629      | 187632      | 187637      | 187645      |
| ## | 0.296409995 | 0.314611078 | 0.341635796 | 0.631076050 | 0.188463763 | 0.440257162 |
| ## | 187646      | 187650      | 187653      | 187654      | 187662      | 187666      |
| ## | 0.484134788 | 0.315399173 | 0.480413572 | 0.480413572 | 0.480413572 | 0.359113190 |
| ## | 187667      | 187674      | 187677      | 187678      | 187679      | 187686      |
| ## | 0.484134788 | 0.315399173 | 0.347946115 | 0.735412922 | 0.339318288 | 0.360225348 |
| ## | 187691      | 187693      | 187704      | 187714      | 187715      | 187717      |
| ## | 0.169394751 | 0.687262456 | 0.181281142 | 0.232134974 | 0.130740995 | 0.157350187 |
| ## | 187720      | 187722      | 187723      | 187724      | 187732      | 187734      |
| ## | 0.248869635 | 0.198923823 | 0.696314283 | 0.307084432 | 0.345116242 | 0.202860051 |
| ## | 187751      | 187752      | 187757      | 187768      | 187770      | 187771      |
| ## | 0.341635796 | 0.440257162 | 0.696515867 | 0.149432351 | 0.287828156 | 0.312434041 |
| ## | 187773      | 187805      | 187806      | 187808      | 187813      | 187827      |
| ## | 0.102038780 | 0.480413572 | 0.480413572 | 0.315399173 | 0.484134788 | 0.351793777 |
| ## | 187836      | 187838      | 187858      | 187861      | 187868      | 187869      |
| ## | 0.685330557 | 0.299546884 | 0.394815865 | 0.394815865 | 0.321768837 | 0.318525033 |
| ## | 187881      | 187885      | 187891      | 187897      | 187898      | 187915      |
| ## | 0.835499095 | 0.306379453 | 0.484134788 | 0.484134788 | 0.254899279 | 0.314432333 |
| ## | 187916      | 187918      | 187926      | 187930      | 187939      | 187943      |
| ## | 0.307579013 | 0.322299827 | 0.356123066 | 0.740701056 | 0.156879599 | 0.315399173 |
| ## | 187948      | 187949      | 187959      | 187963      | 187972      | 187973      |
| ## | 0.480413572 | 0.315399173 | 0.480413572 | 0.480413572 | 0.306937063 | 0.335922279 |
| ## | 187984      | 187986      | 187987      | 187996      | 188002      | 188009      |
| ## | 0.443933088 | 0.321993792 | 0.321993792 | 0.252377347 | 0.152730279 | 0.299527572 |
| ## | 188015      | 188024      | 188027      | 188028      | 188033      | 188034      |
| ## | 0.690207354 | 0.484134788 | 0.480413572 | 0.484134788 | 0.835803268 | 0.484134788 |
| ## | 188036      | 188041      | 188046      | 188051      | 188057      | 188060      |
| ## | 0.835803268 | 0.480413572 | 0.484134788 | 0.480413572 | 0.818123275 | 0.440257162 |
| ## | 188061      | 188062      | 188064      | 188066      | 188067      | 188068      |
| ## | 0.440257162 | 0.812049180 | 0.609332776 | 0.161619234 | 0.677137672 | 0.391260478 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 188070      | 188075      | 188081      | 188090      | 188096      | 188099      |
| ## | 0.391260478 | 0.391260478 | 0.341597827 | 0.453354479 | 0.307084432 | 0.323224340 |
| ## | 188107      | 188113      | 188122      | 188124      | 188131      | 188142      |
| ## | 0.325989591 | 0.129507810 | 0.364606549 | 0.364606549 | 0.391260478 | 0.685475557 |
| ## | 188145      | 188156      | 188162      | 188167      | 188169      | 188170      |
| ## | 0.151201077 | 0.317469613 | 0.740291847 | 0.484134788 | 0.480413572 | 0.830278092 |
| ## | 188182      | 188185      | 188190      | 188192      | 188206      | 188211      |
| ## | 0.719371783 | 0.332048990 | 0.356770195 | 0.337945692 | 0.186707137 | 0.641687231 |
| ## | 188215      | 188216      | 188217      | 188219      | 188222      | 188223      |
| ## | 0.199592291 | 0.078194829 | 0.108305340 | 0.127109836 | 0.135146950 | 0.273869843 |
| ## | 188224      | 188229      | 188232      | 188233      | 188235      | 188237      |
| ## | 0.151309481 | 0.238742548 | 0.108349689 | 0.196060757 | 0.148426240 | 0.125465400 |
| ## | 188238      | 188239      | 188243      | 188244      | 188248      | 188254      |
| ## | 0.199068816 | 0.186535797 | 0.183439830 | 0.342919891 | 0.199068816 | 0.195988397 |
| ## | 188255      | 188257      | 188260      | 188269      | 188270      | 188271      |
| ## | 0.119805786 | 0.129820218 | 0.211581122 | 0.199733569 | 0.207415003 | 0.273009811 |
| ## | 188272      | 188277      | 188279      | 188280      | 188281      | 188282      |
| ## | 0.195988397 | 0.238742548 | 0.273009811 | 0.241461745 | 0.238742548 | 0.196060757 |
| ## | 188283      | 188285      | 188286      | 188291      | 188294      | 188297      |
| ## | 0.195988397 | 0.198347515 | 0.195988397 | 0.194134588 | 0.103681720 | 0.213947358 |
| ## | 188313      | 188331      | 188332      | 188346      | 188357      | 188358      |
| ## | 0.112474458 | 0.192934447 | 0.304823225 | 0.065573211 | 0.196467761 | 0.196467761 |
| ## | 188366      | 188369      | 188372      | 188380      | 188383      | 188390      |
| ## | 0.296509420 | 0.089579318 | 0.089579318 | 0.114962805 | 0.073768862 | 0.089998201 |
| ## | 188391      | 188398      | 188400      | 188402      | 188405      | 188407      |
| ## | 0.083561010 | 0.104514457 | 0.189781646 | 0.189781646 | 0.104514457 | 0.189781646 |
| ## | 188411      | 188413      | 188416      | 188418      | 188420      | 188422      |
| ## | 0.104514457 | 0.104514457 | 0.079753958 | 0.192083903 | 0.104514457 | 0.104514457 |
| ## | 188441      | 188443      | 188446      | 188447      | 188449      | 188454      |
| ## | 0.104514457 | 0.189781646 | 0.192083903 | 0.104514457 | 0.189781646 | 0.104514457 |
| ## | 188457      | 188458      | 188461      | 188462      | 188464      | 188465      |
| ## | 0.104514457 | 0.189781646 | 0.545291412 | 0.545291412 | 0.545291412 | 0.079753958 |
| ## | 188470      | 188473      | 188481      | 188482      | 188492      | 188497      |
| ## | 0.545291412 | 0.104514457 | 0.104514457 | 0.545291412 | 0.545291412 | 0.104514457 |
| ## | 188506      | 188513      | 188514      | 188532      | 188533      | 188538      |
| ## | 0.545291412 | 0.104514457 | 0.577863676 | 0.545291412 | 0.104514457 | 0.189781646 |
| ## | 188541      | 188548      | 188557      | 188558      | 188568      | 188577      |
| ## | 0.104514457 | 0.104514457 | 0.104514457 | 0.104514457 | 0.066419944 | 0.439567070 |
| ## | 188587      | 188588      | 188592      | 188594      | 188597      | 188601      |
| ## | 0.066419944 | 0.066419944 | 0.053461616 | 0.085308033 | 0.062544996 | 0.066502048 |
| ## | 188614      | 188625      | 188632      | 188634      | 188635      | 188646      |
| ## | 0.146449291 | 0.167119157 | 0.167409169 | 0.167409169 | 0.167409169 | 0.513365555 |
| ## | 188648      | 188663      | 188678      | 188679      | 188685      | 188686      |
| ## | 0.162827993 | 0.146222641 | 0.110060738 | 0.110060738 | 0.198848032 | 0.201232958 |
| ## | 188689      | 188690      | 188695      | 188715      | 188719      | 188731      |
| ## | 0.198848032 | 0.091639149 | 0.178903509 | 0.165065458 | 0.100168573 | 0.152083653 |
| ## | 188735      | 188736      | 188737      | 188739      | 188744      | 188752      |
| ## | 0.176070060 | 0.083983441 | 0.176070060 | 0.157373734 | 0.051907740 | 0.175311424 |
| ## | 188755      | 188757      | 188758      | 188767      | 188780      | 188785      |
| ## | 0.155986351 | 0.139986591 | 0.164824815 | 0.426631585 | 0.150649828 | 0.085765401 |
| ## | 188788      | 188789      | 188790      | 188791      | 188793      | 188822      |
| ## | 0.073156972 | 0.150649828 | 0.158442782 | 0.160440147 | 0.138517025 | 0.089674559 |
| ## | 188831      | 188836      | 188840      | 188841      | 188851      | 188853      |
| ## | 0.196790031 | 0.196335845 | 0.089674559 | 0.126936610 | 0.181244815 | 0.167788312 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 188857      | 188862      | 188864      | 188870      | 188895      | 188907      |
| ## | 0.129145413 | 0.104231904 | 0.186638704 | 0.133342269 | 0.269705598 | 0.266780200 |
| ## | 188908      | 188914      | 188917      | 188920      | 188921      | 188925      |
| ## | 0.153471176 | 0.153471176 | 0.165881779 | 0.165881779 | 0.266780200 | 0.133342269 |
| ## | 188933      | 188935      | 188939      | 188940      | 188944      | 188946      |
| ## | 0.087128485 | 0.162778736 | 0.151528876 | 0.080603562 | 0.162778736 | 0.164626560 |
| ## | 188947      | 188952      | 188966      | 188967      | 188975      | 188976      |
| ## | 0.186147169 | 0.088208023 | 0.177707095 | 0.539629233 | 0.095913810 | 0.177707095 |
| ## | 188977      | 188981      | 188983      | 188986      | 188997      | 189007      |
| ## | 0.175539714 | 0.177707095 | 0.177707095 | 0.177707095 | 0.175539714 | 0.041559084 |
| ## | 189008      | 189009      | 189012      | 189025      | 189038      | 189051      |
| ## | 0.354138043 | 0.041559084 | 0.307863789 | 0.297975176 | 0.335803434 | 0.052083667 |
| ## | 189062      | 189063      | 189075      | 189076      | 189082      | 189087      |
| ## | 0.086369560 | 0.338949136 | 0.035658565 | 0.237562006 | 0.371317479 | 0.062773843 |
| ## | 189093      | 189095      | 189103      | 189116      | 189117      | 189120      |
| ## | 0.163356299 | 0.077864988 | 0.062773843 | 0.081074547 | 0.066157811 | 0.476014928 |
| ## | 189121      | 189125      | 189146      | 189151      | 189153      | 189156      |
| ## | 0.162284566 | 0.180941996 | 0.505828806 | 0.387896414 | 0.137112568 | 0.363044039 |
| ## | 189165      | 189172      | 189182      | 189186      | 189193      | 189196      |
| ## | 0.162284566 | 0.283122669 | 0.035977572 | 0.341021903 | 0.080414775 | 0.053007560 |
| ## | 189200      | 189207      | 189209      | 189212      | 189214      | 189215      |
| ## | 0.038858791 | 0.063527108 | 0.291810599 | 0.072239544 | 0.059925548 | 0.151662717 |
| ## | 189218      | 189219      | 189224      | 189226      | 189231      | 189239      |
| ## | 0.042110029 | 0.065175777 | 0.448842063 | 0.039823928 | 0.059700572 | 0.354603902 |
| ## | 189242      | 189253      | 189255      | 189256      | 189260      | 189265      |
| ## | 0.061095833 | 0.128410127 | 0.363044039 | 0.038858791 | 0.240303237 | 0.167100192 |
| ## | 189269      | 189271      | 189273      | 189280      | 189283      | 189285      |
| ## | 0.482518415 | 0.164136721 | 0.089124142 | 0.299019025 | 0.051940082 | 0.028229948 |
| ## | 189286      | 189287      | 189290      | 189292      | 189293      | 189294      |
| ## | 0.055002131 | 0.518413796 | 0.131202574 | 0.074304191 | 0.152036905 | 0.065175777 |
| ## | 189295      | 189297      | 189299      | 189306      | 189312      | 189313      |
| ## | 0.058192808 | 0.137112568 | 0.035322630 | 0.140006840 | 0.273812258 | 0.151662717 |
| ## | 189324      | 189331      | 189335      | 189346      | 189347      | 189350      |
| ## | 0.025812263 | 0.103621584 | 0.194469242 | 0.238165123 | 0.453038724 | 0.337418334 |
| ## | 189352      | 189372      | 189379      | 189380      | 189385      | 189388      |
| ## | 0.273927925 | 0.059536125 | 0.495104501 | 0.179516245 | 0.081793069 | 0.097293632 |
| ## | 189410      | 189411      | 189414      | 189436      | 189438      | 189444      |
| ## | 0.137112568 | 0.126833087 | 0.268254137 | 0.131711468 | 0.154303276 | 0.065158754 |
| ## | 189449      | 189456      | 189466      | 189467      | 189468      | 189470      |
| ## | 0.070511190 | 0.081074547 | 0.137112568 | 0.067755501 | 0.040224598 | 0.024093761 |
| ## | 189475      | 189494      | 189498      | 189517      | 189518      | 189525      |
| ## | 0.097293632 | 0.076421246 | 0.039596743 | 0.068783849 | 0.167886638 | 0.199654051 |
| ## | 189529      | 189535      | 189543      | 189545      | 189547      | 189549      |
| ## | 0.140610148 | 0.271994634 | 0.274955769 | 0.156944951 | 0.274955769 | 0.271994634 |
| ## | 189559      | 189560      | 189564      | 189570      | 189575      | 189576      |
| ## | 0.271994634 | 0.271994634 | 0.271994634 | 0.271994634 | 0.271994634 | 0.271994634 |
| ## | 189577      | 189579      | 189581      | 189583      | 189585      | 189601      |
| ## | 0.156944951 | 0.271994634 | 0.274955769 | 0.271994634 | 0.274955769 | 0.271994634 |
| ## | 189606      | 189616      | 189626      | 189627      | 189633      | 189634      |
| ## | 0.156944951 | 0.271994634 | 0.271994634 | 0.271994634 | 0.274955769 | 0.274955769 |
| ## | 189644      | 189647      | 189652      | 189661      | 189675      | 189686      |
| ## | 0.271994634 | 0.112505787 | 0.271994634 | 0.271994634 | 0.156944951 | 0.149647926 |
| ## | 189687      | 189689      | 189691      | 189705      | 189708      | 189709      |
| ## | 0.149647926 | 0.152141326 | 0.152689516 | 0.207052315 | 0.152141326 | 0.228153271 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 189714      | 189739      | 189744      | 189745      | 189751      | 189753      |
| ## | 0.105186425 | 0.081578704 | 0.234387298 | 0.234387298 | 0.388817435 | 0.382339506 |
| ## | 189754      | 189756      | 189758      | 189769      | 189774      | 189775      |
| ## | 0.233699327 | 0.382012600 | 0.265237035 | 0.388817435 | 0.364559279 | 0.102126295 |
| ## | 189776      | 189785      | 189786      | 189796      | 189802      | 189806      |
| ## | 0.381019355 | 0.124250757 | 0.200822688 | 0.222966201 | 0.371436484 | 0.106380443 |
| ## | 189811      | 189816      | 189820      | 189821      | 189826      | 189834      |
| ## | 0.102885979 | 0.081528824 | 0.237704196 | 0.081053419 | 0.370161817 | 0.125091404 |
| ## | 189839      | 189841      | 189853      | 189855      | 189858      | 189864      |
| ## | 0.382017845 | 0.381541831 | 0.280434050 | 0.233699327 | 0.129385742 | 0.209922962 |
| ## | 189866      | 189881      | 189888      | 189897      | 189900      | 189910      |
| ## | 0.221405087 | 0.079865295 | 0.261357354 | 0.283568495 | 0.283336142 | 0.263142556 |
| ## | 189918      | 189927      | 189934      | 189938      | 189948      | 189951      |
| ## | 0.349527428 | 0.243519387 | 0.221936224 | 0.221936224 | 0.360991362 | 0.227410107 |
| ## | 189953      | 189959      | 189967      | 189975      | 189988      | 189997      |
| ## | 0.617867276 | 0.064322307 | 0.438424086 | 0.181144919 | 0.582035621 | 0.197180337 |
| ## | 189998      | 190002      | 190005      | 190008      | 190010      | 190014      |
| ## | 0.438424086 | 0.137129174 | 0.199318943 | 0.110350345 | 0.110350345 | 0.199318943 |
| ## | 190015      | 190020      | 190025      | 190035      | 190042      | 190052      |
| ## | 0.343774655 | 0.577603353 | 0.577603353 | 0.201708094 | 0.199318943 | 0.201708094 |
| ## | 190053      | 190058      | 190064      | 190065      | 190066      | 190069      |
| ## | 0.199318943 | 0.199318943 | 0.205494234 | 0.205494234 | 0.205494234 | 0.083037373 |
| ## | 190074      | 190080      | 190096      | 190098      | 190106      | 190113      |
| ## | 0.205494234 | 0.166829156 | 0.428381254 | 0.546378929 | 0.102110262 | 0.137942987 |
| ## | 190115      | 190117      | 190122      | 190124      | 190130      | 190131      |
| ## | 0.037995612 | 0.187383865 | 0.051012888 | 0.548941925 | 0.178506763 | 0.119816137 |
| ## | 190140      | 190144      | 190146      | 190149      | 190151      | 190156      |
| ## | 0.076949326 | 0.125092994 | 0.056656172 | 0.189624112 | 0.098695018 | 0.213901485 |
| ## | 190165      | 190166      | 190172      | 190179      | 190182      | 190184      |
| ## | 0.194993775 | 0.209676692 | 0.090722050 | 0.267767371 | 0.346803691 | 0.363984869 |
| ## | 190192      | 190197      | 190201      | 190203      | 190211      | 190213      |
| ## | 0.246471885 | 0.187383865 | 0.079093111 | 0.108569549 | 0.123975880 | 0.113966598 |
| ## | 190223      | 190230      | 190235      | 190236      | 190237      | 190240      |
| ## | 0.201103709 | 0.121270884 | 0.172478560 | 0.100951438 | 0.078737517 | 0.133036518 |
| ## | 190245      | 190247      | 190250      | 190258      | 190259      | 190263      |
| ## | 0.100156892 | 0.198989075 | 0.200447662 | 0.084195001 | 0.185490480 | 0.099458808 |
| ## | 190269      | 190275      | 190280      | 190281      | 190282      | 190293      |
| ## | 0.113585108 | 0.083230528 | 0.088825907 | 0.132227600 | 0.189008095 | 0.497748656 |
| ## | 190297      | 190299      | 190304      | 190315      | 190320      | 190330      |
| ## | 0.050083647 | 0.051859888 | 0.100951438 | 0.183880915 | 0.209676692 | 0.203669585 |
| ## | 190337      | 190342      | 190345      | 190347      | 190353      | 190362      |
| ## | 0.355493540 | 0.330702031 | 0.152839159 | 0.488372296 | 0.080515780 | 0.079013802 |
| ## | 190365      | 190367      | 190373      | 190375      | 190376      | 190381      |
| ## | 0.205688496 | 0.138424358 | 0.133169714 | 0.084343485 | 0.497748656 | 0.092618718 |
| ## | 190384      | 190394      | 190398      | 190402      | 190407      | 190420      |
| ## | 0.098695018 | 0.095084960 | 0.095084960 | 0.095084960 | 0.095084960 | 0.095547060 |
| ## | 190426      | 190429      | 190430      | 190440      | 190441      | 190444      |
| ## | 0.118665931 | 0.069713994 | 0.037995276 | 0.200447662 | 0.339425318 | 0.176674867 |
| ## | 190445      | 190446      | 190447      | 190452      | 190461      | 190463      |
| ## | 0.049500032 | 0.049500032 | 0.078156297 | 0.195991843 | 0.412181709 | 0.095689143 |
| ## | 190471      | 190473      | 190475      | 190476      | 190482      | 190487      |
| ## | 0.189281581 | 0.083230528 | 0.389398266 | 0.189281581 | 0.339057345 | 0.094527691 |
| ## | 190490      | 190495      | 190500      | 190501      | 190502      | 190506      |
| ## | 0.339057345 | 0.323462731 | 0.212735705 | 0.118665931 | 0.095084960 | 0.042760701 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 190516      | 190525      | 190530      | 190531      | 190533      | 190535      |
| ## | 0.229908562 | 0.238842792 | 0.128174205 | 0.033772518 | 0.082876658 | 0.188961332 |
| ## | 190537      | 190544      | 190545      | 190553      | 190556      | 190558      |
| ## | 0.229908562 | 0.533594331 | 0.113406549 | 0.148077260 | 0.481285640 | 0.168780158 |
| ## | 190559      | 190560      | 190574      | 190576      | 190579      | 190584      |
| ## | 0.400274830 | 0.168780158 | 0.171192883 | 0.137849091 | 0.150391328 | 0.170444586 |
| ## | 190596      | 190602      | 190604      | 190615      | 190623      | 190624      |
| ## | 0.136027236 | 0.160121541 | 0.493226234 | 0.057007585 | 0.145371214 | 0.157899258 |
| ## | 190637      | 190638      | 190641      | 190644      | 190645      | 190647      |
| ## | 0.166699582 | 0.153680092 | 0.157179958 | 0.465484126 | 0.084500629 | 0.157336841 |
| ## | 190650      | 190651      | 190654      | 190656      | 190660      | 190661      |
| ## | 0.082476484 | 0.152832752 | 0.152688710 | 0.152688710 | 0.154626866 | 0.082392303 |
| ## | 190663      | 190665      | 190673      | 190675      | 190685      | 190688      |
| ## | 0.152688710 | 0.082392303 | 0.137123528 | 0.154626866 | 0.082392303 | 0.037178460 |
| ## | 190690      | 190691      | 190694      | 190699      | 190712      | 190713      |
| ## | 0.090332511 | 0.080608435 | 0.105677382 | 0.138834172 | 0.419525542 | 0.138834172 |
| ## | 190715      | 190716      | 190718      | 190723      | 190729      | 190730      |
| ## | 0.086176173 | 0.142452398 | 0.144282745 | 0.137061874 | 0.144282745 | 0.076443515 |
| ## | 190733      | 190734      | 190737      | 190747      | 190755      | 190761      |
| ## | 0.146154016 | 0.088266129 | 0.098244201 | 0.124342468 | 0.304211197 | 0.061436216 |
| ## | 190764      | 190765      | 190774      | 190782      | 190785      | 190788      |
| ## | 0.077385964 | 0.077385964 | 0.144081690 | 0.035379348 | 0.144081690 | 0.139739469 |
| ## | 190797      | 190799      | 190801      | 190803      | 190807      | 190813      |
| ## | 0.077385964 | 0.116205180 | 0.117744586 | 0.254567799 | 0.117744586 | 0.061486559 |
| ## | 190815      | 190817      | 190820      | 190830      | 190844      | 190860      |
| ## | 0.112604487 | 0.118796989 | 0.112604487 | 0.114102351 | 0.247882318 | 0.159466566 |
| ## | 190864      | 190866      | 190868      | 190874      | 190879      | 190881      |
| ## | 0.191067890 | 0.100547749 | 0.120204507 | 0.436647886 | 0.068028592 | 0.129446750 |
| ## | 190883      | 190884      | 190885      | 190886      | 190894      | 190902      |
| ## | 0.428574439 | 0.129446750 | 0.129446750 | 0.446443936 | 0.127776507 | 0.045794406 |
| ## | 190912      | 190915      | 190917      | 190918      | 190919      | 190930      |
| ## | 0.096930860 | 0.151520926 | 0.094025514 | 0.177235578 | 0.096690806 | 0.171136616 |
| ## | 190931      | 190939      | 190953      | 190955      | 190966      | 190967      |
| ## | 0.093282007 | 0.179141445 | 0.098076123 | 0.179141445 | 0.179141445 | 0.075731779 |
| ## | 190974      | 190978      | 190979      | 190981      | 190983      | 190990      |
| ## | 0.075731779 | 0.143037207 | 0.075731779 | 0.143037207 | 0.141220054 | 0.163787284 |
| ## | 190991      | 190992      | 190993      | 191003      | 191008      | 191011      |
| ## | 0.527962318 | 0.087717425 | 0.087717425 | 0.144401951 | 0.154413790 | 0.146253075 |
| ## | 191019      | 191025      | 191028      | 191035      | 191037      | 191051      |
| ## | 0.142935117 | 0.075131066 | 0.053876432 | 0.055146719 | 0.150420609 | 0.081068506 |
| ## | 191053      | 191059      | 191074      | 191075      | 191092      | 191094      |
| ## | 0.081068506 | 0.046960402 | 0.158568958 | 0.122278901 | 0.064052017 | 0.148421168 |
| ## | 191096      | 191097      | 191101      | 191115      | 191116      | 191119      |
| ## | 0.063695511 | 0.047466316 | 0.057515237 | 0.201233616 | 0.302630521 | 0.284928562 |
| ## | 191121      | 191130      | 191131      | 191133      | 191154      | 191155      |
| ## | 0.269205969 | 0.143240003 | 0.303848524 | 0.252838882 | 0.213245985 | 0.169621523 |
| ## | 191161      | 191164      | 191172      | 191174      | 191181      | 191184      |
| ## | 0.258025528 | 0.252838882 | 0.203275576 | 0.163563230 | 0.264379440 | 0.145079114 |
| ## | 191196      | 191199      | 191200      | 191202      | 191204      | 191222      |
| ## | 0.272254356 | 0.298531049 | 0.243550683 | 0.243550683 | 0.240815430 | 0.305901377 |
| ## | 191224      | 191230      | 191241      | 191242      | 191246      | 191251      |
| ## | 0.220589119 | 0.313827316 | 0.306457745 | 0.309634495 | 0.301217199 | 0.286128921 |
| ## | 191258      | 191267      | 191269      | 191282      | 191286      | 191292      |
| ## | 0.206183350 | 0.111306871 | 0.304559981 | 0.272345931 | 0.220589119 | 0.291953598 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 191294      | 191299      | 191326      | 191337      | 191347      | 191362      |
| ## | 0.301379593 | 0.215757090 | 0.167991204 | 0.276933976 | 0.265829948 | 0.240815430 |
| ## | 191365      | 191366      | 191378      | 191380      | 191383      | 191397      |
| ## | 0.250516406 | 0.300705280 | 0.220589119 | 0.287913141 | 0.321816302 | 0.125434173 |
| ## | 191399      | 191402      | 191409      | 191413      | 191428      | 191432      |
| ## | 0.286708787 | 0.240815430 | 0.161534466 | 0.667868502 | 0.656749060 | 0.588060413 |
| ## | 191443      | 191448      | 191449      | 191451      | 191452      | 191462      |
| ## | 0.230914313 | 0.680455084 | 0.680455084 | 0.705376295 | 0.693463320 | 0.580535589 |
| ## | 191478      | 191481      | 191486      | 191488      | 191489      | 191494      |
| ## | 0.674986037 | 0.291653756 | 0.692906307 | 0.692906307 | 0.692906307 | 0.596004630 |
| ## | 191500      | 191502      | 191504      | 191518      | 191520      | 191521      |
| ## | 0.693619327 | 0.677300239 | 0.637629806 | 0.535420245 | 0.662327016 | 0.668736073 |
| ## | 191533      | 191537      | 191547      | 191552      | 191554      | 191559      |
| ## | 0.674986037 | 0.588060413 | 0.694136520 | 0.708590053 | 0.644479580 | 0.681229892 |
| ## | 191564      | 191570      | 191571      | 191574      | 191576      | 191582      |
| ## | 0.704474354 | 0.576959208 | 0.672500627 | 0.163563230 | 0.687649128 | 0.588060413 |
| ## | 191587      | 191588      | 191590      | 191599      | 191600      | 191601      |
| ## | 0.588060413 | 0.588060413 | 0.602294288 | 0.281901784 | 0.310329531 | 0.290769043 |
| ## | 191602      | 191603      | 191613      | 191614      | 191615      | 191616      |
| ## | 0.275010212 | 0.315279168 | 0.195826336 | 0.195826336 | 0.195826336 | 0.198183984 |
| ## | 191619      | 191624      | 191636      | 191640      | 191641      | 191647      |
| ## | 0.198125337 | 0.652851938 | 0.483239119 | 0.475351475 | 0.163772444 | 0.791748181 |
| ## | 191649      | 191650      | 191651      | 191677      | 191682      | 191683      |
| ## | 0.429793387 | 0.791748181 | 0.588851277 | 0.797119491 | 0.803468609 | 0.791748181 |
| ## | 191687      | 191691      | 191692      | 191694      | 191711      | 191723      |
| ## | 0.426144816 | 0.789280135 | 0.789280135 | 0.426144816 | 0.705582613 | 0.206676356 |
| ## | 191724      | 191725      | 191729      | 191740      | 191751      | 191756      |
| ## | 0.673640545 | 0.673640545 | 0.662223319 | 0.142924146 | 0.705582613 | 0.609905130 |
| ## | 191758      | 191760      | 191761      | 191762      | 191765      | 191766      |
| ## | 0.609905130 | 0.609905130 | 0.609905130 | 0.132068643 | 0.791748181 | 0.791748181 |
| ## | 191768      | 191769      | 191772      | 191773      | 191781      | 191782      |
| ## | 0.791748181 | 0.791748181 | 0.791748181 | 0.791748181 | 0.789280135 | 0.791748181 |
| ## | 191786      | 191793      | 191798      | 191800      | 191802      | 191803      |
| ## | 0.270081543 | 0.789280135 | 0.429793387 | 0.270081543 | 0.791748181 | 0.791748181 |
| ## | 191806      | 191807      | 191810      | 191813      | 191814      | 191822      |
| ## | 0.791748181 | 0.270081543 | 0.429793387 | 0.791748181 | 0.791748181 | 0.270081543 |
| ## | 191825      | 191834      | 191836      | 191841      | 191846      | 191849      |
| ## | 0.429793387 | 0.270081543 | 0.429793387 | 0.791748181 | 0.589930778 | 0.797119491 |
| ## | 191850      | 191851      | 191860      | 191862      | 191864      | 191865      |
| ## | 0.270081543 | 0.429793387 | 0.791748181 | 0.791748181 | 0.270081543 | 0.791748181 |
| ## | 191868      | 191871      | 191874      | 191876      | 191883      | 191886      |
| ## | 0.791748181 | 0.791748181 | 0.791748181 | 0.426144816 | 0.270081543 | 0.791748181 |
| ## | 191888      | 191890      | 191905      | 191907      | 191910      | 191915      |
| ## | 0.791748181 | 0.791748181 | 0.087916640 | 0.210853171 | 0.707606304 | 0.707606304 |
| ## | 191926      | 191929      | 191930      | 191932      | 191935      | 191936      |
| ## | 0.612458769 | 0.211698569 | 0.570084366 | 0.570084366 | 0.559789863 | 0.559789863 |
| ## | 191940      | 191945      | 191947      | 191953      | 191955      | 191962      |
| ## | 0.486961708 | 0.145969957 | 0.060476331 | 0.253974184 | 0.145028403 | 0.705582613 |
| ## | 191965      | 191972      | 191973      | 191974      | 191981      | 191986      |
| ## | 0.702477131 | 0.705582613 | 0.705582613 | 0.705582613 | 0.705582613 | 0.140538210 |
| ## | 191987      | 191991      | 191994      | 191995      | 191997      | 192005      |
| ## | 0.426144816 | 0.791748181 | 0.791748181 | 0.426144816 | 0.803468609 | 0.791748181 |
| ## | 192006      | 192007      | 192010      | 192011      | 192021      | 192026      |
| ## | 0.270081543 | 0.791748181 | 0.791748181 | 0.429793387 | 0.791748181 | 0.426144816 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 192027      | 192029      | 192031      | 192033      | 192039      | 192043      |
| ## | 0.426144816 | 0.791748181 | 0.429793387 | 0.270081543 | 0.791748181 | 0.429793387 |
| ## | 192059      | 192063      | 192065      | 192066      | 192068      | 192069      |
| ## | 0.791748181 | 0.270081543 | 0.791748181 | 0.789280135 | 0.789280135 | 0.791748181 |
| ## | 192074      | 192077      | 192080      | 192083      | 192086      | 192092      |
| ## | 0.791748181 | 0.791748181 | 0.797119491 | 0.426144816 | 0.426144816 | 0.789280135 |
| ## | 192094      | 192097      | 192101      | 192110      | 192114      | 192115      |
| ## | 0.789280135 | 0.609905130 | 0.609905130 | 0.634104778 | 0.290389667 | 0.187967458 |
| ## | 192122      | 192129      | 192130      | 192133      | 192138      | 192146      |
| ## | 0.324229298 | 0.714364893 | 0.707606304 | 0.722401905 | 0.707606304 | 0.501785966 |
| ## | 192150      | 192152      | 192153      | 192156      | 192165      | 192169      |
| ## | 0.572617540 | 0.575291160 | 0.491251094 | 0.148902056 | 0.479069633 | 0.246517146 |
| ## | 192171      | 192175      | 192177      | 192180      | 192191      | 192198      |
| ## | 0.163772444 | 0.429793387 | 0.191586698 | 0.191586698 | 0.125014694 | 0.064637027 |
| ## | 192210      | 192220      | 192222      | 192231      | 192241      | 192255      |
| ## | 0.226237024 | 0.178894334 | 0.037016431 | 0.127161410 | 0.096080964 | 0.109543548 |
| ## | 192256      | 192262      | 192265      | 192266      | 192268      | 192277      |
| ## | 0.077158671 | 0.258861102 | 0.097196009 | 0.040181689 | 0.120517829 | 0.079959816 |
| ## | 192288      | 192302      | 192303      | 192307      | 192311      | 192321      |
| ## | 0.097196009 | 0.077158671 | 0.412874966 | 0.301885192 | 0.045972734 | 0.286073237 |
| ## | 192323      | 192327      | 192329      | 192332      | 192335      | 192339      |
| ## | 0.165568458 | 0.280597393 | 0.052115969 | 0.086506945 | 0.499604712 | 0.178894334 |
| ## | 192350      | 192351      | 192352      | 192359      | 192363      | 192366      |
| ## | 0.198738411 | 0.109993344 | 0.314359125 | 0.078102405 | 0.078102405 | 0.097927494 |
| ## | 192372      | 192378      | 192386      | 192387      | 192398      | 192399      |
| ## | 0.361378523 | 0.127161410 | 0.226237024 | 0.127161410 | 0.226237024 | 0.226237024 |
| ## | 192404      | 192405      | 192409      | 192410      | 192417      | 192426      |
| ## | 0.102087790 | 0.226237024 | 0.127161410 | 0.127161410 | 0.114658640 | 0.163493214 |
| ## | 192428      | 192431      | 192432      | 192435      | 192445      | 192456      |
| ## | 0.227025593 | 0.189259645 | 0.323647448 | 0.161465150 | 0.079609115 | 0.406278551 |
| ## | 192466      | 192482      | 192487      | 192499      | 192502      | 192503      |
| ## | 0.222399278 | 0.078380415 | 0.178894334 | 0.378500748 | 0.083654028 | 0.097976328 |
| ## | 192508      | 192516      | 192518      | 192520      | 192525      | 192530      |
| ## | 0.156363430 | 0.100123345 | 0.369106315 | 0.147350150 | 0.076884348 | 0.111005789 |
| ## | 192532      | 192533      | 192534      | 192536      | 192541      | 192546      |
| ## | 0.050866941 | 0.078380415 | 0.067226453 | 0.388494105 | 0.074737094 | 0.522881521 |
| ## | 192550      | 192551      | 192569      | 192570      | 192589      | 192601      |
| ## | 0.083551462 | 0.330384219 | 0.056331907 | 0.086895104 | 0.090963071 | 0.135890258 |
| ## | 192605      | 192607      | 192610      | 192619      | 192634      | 192645      |
| ## | 0.135890258 | 0.135890258 | 0.287963522 | 0.630482446 | 0.053146394 | 0.135890258 |
| ## | 192647      | 192651      | 192654      | 192668      | 192674      | 192682      |
| ## | 0.135890258 | 0.232040224 | 0.675564670 | 0.292199211 | 0.135890258 | 0.105139158 |
| ## | 192693      | 192694      | 192698      | 192700      | 192706      | 192712      |
| ## | 0.111152849 | 0.263173900 | 0.135890258 | 0.126891148 | 0.236594151 | 0.287963522 |
| ## | 192725      | 192736      | 192739      | 192740      | 192741      | 192751      |
| ## | 0.483182513 | 0.450470330 | 0.092698778 | 0.259972195 | 0.279046526 | 0.145082636 |
| ## | 192756      | 192759      | 192765      | 192771      | 192778      | 192784      |
| ## | 0.224428122 | 0.224428122 | 0.339283050 | 0.335950140 | 0.339283050 | 0.133911088 |
| ## | 192786      | 192793      | 192798      | 192808      | 192812      | 192819      |
| ## | 0.186661877 | 0.227032905 | 0.138487032 | 0.201329509 | 0.339283050 | 0.158781601 |
| ## | 192826      | 192831      | 192840      | 192845      | 192852      | 192857      |
| ## | 0.156367306 | 0.147194585 | 0.042140469 | 0.077621138 | 0.055023546 | 0.336049899 |
| ## | 192861      | 192864      | 192869      | 192871      | 192873      | 192874      |
| ## | 0.336049899 | 0.077317506 | 0.258951867 | 0.049934578 | 0.215329943 | 0.039633761 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 192897      | 192905      | 192906      | 192909      | 192910      | 192911      |
| ## | 0.082602030 | 0.068333537 | 0.150068671 | 0.473113096 | 0.098001627 | 0.117100047 |
| ## | 192917      | 192939      | 192943      | 192950      | 192952      | 192955      |
| ## | 0.055531151 | 0.069781178 | 0.155868323 | 0.095812828 | 0.145748778 | 0.160186780 |
| ## | 192961      | 192962      | 192964      | 192967      | 192972      | 192974      |
| ## | 0.064262039 | 0.147677011 | 0.149562780 | 0.100693283 | 0.094529437 | 0.160186780 |
| ## | 192976      | 192989      | 192996      | 192998      | 192999      | 193000      |
| ## | 0.128516270 | 0.059310340 | 0.468604276 | 0.208239659 | 0.054763287 | 0.131115131 |
| ## | 193002      | 193010      | 193011      | 193015      | 193024      | 193025      |
| ## | 0.345482109 | 0.082571251 | 0.294808185 | 0.092830236 | 0.078903896 | 0.144496330 |
| ## | 193026      | 193032      | 193035      | 193049      | 193051      | 193054      |
| ## | 0.160186780 | 0.208239659 | 0.157839321 | 0.086791934 | 0.272342075 | 0.135717440 |
| ## | 193061      | 193065      | 193067      | 193075      | 193081      | 193084      |
| ## | 0.080172290 | 0.157219208 | 0.154208049 | 0.078696345 | 0.138593208 | 0.152274198 |
| ## | 193108      | 193111      | 193112      | 193115      | 193116      | 193117      |
| ## | 0.099191152 | 0.187562347 | 0.187562347 | 0.072590618 | 0.157219208 | 0.153137858 |
| ## | 193136      | 193139      | 193146      | 193163      | 193173      | 193179      |
| ## | 0.089376315 | 0.133999111 | 0.155198623 | 0.308907621 | 0.155473579 | 0.189440830 |
| ## | 193181      | 193188      | 193192      | 193195      | 193199      | 193203      |
| ## | 0.187162913 | 0.177074249 | 0.102922837 | 0.549198784 | 0.277277279 | 0.160093911 |
| ## | 193206      | 193211      | 193213      | 193214      | 193216      | 193219      |
| ## | 0.144452754 | 0.094692286 | 0.100530806 | 0.256810888 | 0.082882250 | 0.155473579 |
| ## | 193226      | 193227      | 193239      | 193242      | 193251      | 193261      |
| ## | 0.145139009 | 0.145139009 | 0.161984615 | 0.063275431 | 0.195283031 | 0.075789181 |
| ## | 193270      | 193274      | 193286      | 193291      | 193296      | 193298      |
| ## | 0.536193081 | 0.201842057 | 0.199451716 | 0.199451716 | 0.189246564 | 0.176398913 |
| ## | 193301      | 193302      | 193305      | 193309      | 193316      | 193326      |
| ## | 0.063486035 | 0.094255878 | 0.090401526 | 0.077767466 | 0.103259544 | 0.400704515 |
| ## | 193334      | 193348      | 193350      | 193357      | 193360      | 193364      |
| ## | 0.178574604 | 0.082556867 | 0.098114363 | 0.068471100 | 0.171720846 | 0.511138379 |
| ## | 193367      | 193372      | 193378      | 193380      | 193381      | 193390      |
| ## | 0.397661274 | 0.052362535 | 0.104957576 | 0.089640249 | 0.096951309 | 0.536232985 |
| ## | 193399      | 193402      | 193406      | 193410      | 193412      | 193413      |
| ## | 0.320978047 | 0.430536370 | 0.076881302 | 0.083213116 | 0.171720846 | 0.552418827 |
| ## | 193416      | 193419      | 193427      | 193441      | 193444      | 193445      |
| ## | 0.243677981 | 0.083213116 | 0.536232985 | 0.104188868 | 0.175853734 | 0.540307160 |
| ## | 193446      | 193451      | 193459      | 193461      | 193463      | 193464      |
| ## | 0.076881302 | 0.062080697 | 0.081235108 | 0.049582072 | 0.377965452 | 0.051638465 |
| ## | 193465      | 193475      | 193477      | 193478      | 193488      | 193489      |
| ## | 0.176398913 | 0.178574604 | 0.073519164 | 0.049648271 | 0.094255878 | 0.179652278 |
| ## | 193496      | 193499      | 193501      | 193504      | 193509      | 193513      |
| ## | 0.035211071 | 0.035211071 | 0.185607361 | 0.189246564 | 0.503119344 | 0.394554285 |
| ## | 193523      | 193524      | 193528      | 193533      | 193544      | 193548      |
| ## | 0.027884694 | 0.193676601 | 0.180673923 | 0.479402574 | 0.299442462 | 0.329239245 |
| ## | 193551      | 193553      | 193555      | 193565      | 193577      | 193579      |
| ## | 0.692633192 | 0.196511975 | 0.664808002 | 0.162170586 | 0.196511975 | 0.196511975 |
| ## | 193581      | 193584      | 193585      | 193589      | 193590      | 193595      |
| ## | 0.264066618 | 0.439684583 | 0.329239245 | 0.122545735 | 0.295792980 | 0.266837014 |
| ## | 193596      | 193598      | 193601      | 193622      | 193623      | 193624      |
| ## | 0.690531496 | 0.110704387 | 0.280578844 | 0.075739975 | 0.275248384 | 0.664115653 |
| ## | 193629      | 193633      | 193638      | 193640      | 193654      | 193656      |
| ## | 0.656858611 | 0.329239245 | 0.329239245 | 0.160274826 | 0.299372961 | 0.299372961 |
| ## | 193661      | 193668      | 193671      | 193677      | 193678      | 193682      |
| ## | 0.299372961 | 0.160274826 | 0.196511975 | 0.288547127 | 0.129437206 | 0.380831392 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 193686      | 193687      | 193690      | 193693      | 193697      | 193701      |
| ## | 0.292698031 | 0.302508303 | 0.175534946 | 0.329239245 | 0.160274826 | 0.270274594 |
| ## | 193704      | 193705      | 193707      | 193724      | 193730      | 193735      |
| ## | 0.127991844 | 0.239258122 | 0.456402274 | 0.332538918 | 0.329239245 | 0.125891216 |
| ## | 193737      | 193740      | 193742      | 193761      | 193762      | 193772      |
| ## | 0.689761186 | 0.278959042 | 0.434962983 | 0.729457355 | 0.149165538 | 0.508101965 |
| ## | 193774      | 193780      | 193788      | 193798      | 193801      | 193802      |
| ## | 0.161617496 | 0.688130761 | 0.181403062 | 0.329239245 | 0.729894216 | 0.160274826 |
| ## | 193806      | 193818      | 193825      | 193829      | 193832      | 193833      |
| ## | 0.498724235 | 0.274029140 | 0.295792980 | 0.303651101 | 0.140553886 | 0.140553886 |
| ## | 193834      | 193847      | 193849      | 193858      | 193860      | 193866      |
| ## | 0.196511975 | 0.160274826 | 0.329239245 | 0.135478619 | 0.159123234 | 0.665263597 |
| ## | 193868      | 193877      | 193879      | 193883      | 193888      | 193890      |
| ## | 0.686470335 | 0.160274826 | 0.572783013 | 0.332538918 | 0.160274826 | 0.122443139 |
| ## | 193891      | 193892      | 193895      | 193908      | 193930      | 193939      |
| ## | 0.440525431 | 0.249031339 | 0.671803699 | 0.160274826 | 0.277580336 | 0.329239245 |
| ## | 193940      | 193942      | 193945      | 193947      | 193954      | 193955      |
| ## | 0.160274826 | 0.332538918 | 0.159792976 | 0.171793928 | 0.111968203 | 0.144980095 |
| ## | 193956      | 193965      | 193966      | 193989      | 193991      | 193996      |
| ## | 0.140553886 | 0.329239245 | 0.498724235 | 0.175796935 | 0.131840475 | 0.329239245 |
| ## | 194006      | 194013      | 194024      | 194025      | 194026      | 194030      |
| ## | 0.737042423 | 0.679575758 | 0.329239245 | 0.275248384 | 0.273224030 | 0.329239245 |
| ## | 194032      | 194034      | 194038      | 194039      | 194043      | 194044      |
| ## | 0.133406800 | 0.283613030 | 0.283613030 | 0.164761161 | 0.445199778 | 0.454483560 |
| ## | 194048      | 194060      | 194061      | 194066      | 194067      | 194068      |
| ## | 0.200558577 | 0.167156130 | 0.033982146 | 0.033982146 | 0.061112458 | 0.061112458 |
| ## | 194071      | 194073      | 194075      | 194079      | 194084      | 194095      |
| ## | 0.323848028 | 0.061112458 | 0.061112458 | 0.064660451 | 0.052018428 | 0.079447362 |
| ## | 194099      | 194100      | 194102      | 194104      | 194108      | 194116      |
| ## | 0.171806029 | 0.504164280 | 0.074211180 | 0.343155220 | 0.079776506 | 0.267430397 |
| ## | 194124      | 194128      | 194134      | 194139      | 194143      | 194145      |
| ## | 0.084736415 | 0.038788206 | 0.500266173 | 0.194010752 | 0.129583020 | 0.052920133 |
| ## | 194146      | 194148      | 194150      | 194163      | 194174      | 194178      |
| ## | 0.346717888 | 0.133614689 | 0.140464115 | 0.055132441 | 0.332963789 | 0.229588007 |
| ## | 194183      | 194192      | 194195      | 194199      | 194201      | 194202      |
| ## | 0.199180895 | 0.240243942 | 0.187608764 | 0.509536012 | 0.336282076 | 0.332963789 |
| ## | 194203      | 194210      | 194211      | 194212      | 194220      | 194226      |
| ## | 0.332963789 | 0.725353571 | 0.715730091 | 0.332963789 | 0.199180895 | 0.228564884 |
| ## | 194244      | 194248      | 194249      | 194265      | 194268      | 194291      |
| ## | 0.718752624 | 0.336282076 | 0.336282076 | 0.725353571 | 0.336282076 | 0.554572043 |
| ## | 194292      | 194296      | 194301      | 194302      | 194308      | 194310      |
| ## | 0.199180895 | 0.150676134 | 0.336282076 | 0.332963789 | 0.332963789 | 0.725353571 |
| ## | 194316      | 194322      | 194327      | 194331      | 194338      | 194346      |
| ## | 0.336282076 | 0.104595630 | 0.607585467 | 0.375807277 | 0.354945420 | 0.341086107 |
| ## | 194349      | 194350      | 194358      | 194364      | 194367      | 194368      |
| ## | 0.292726476 | 0.450817054 | 0.305773758 | 0.216518733 | 0.356758990 | 0.316406208 |
| ## | 194372      | 194377      | 194391      | 194394      | 194396      | 194401      |
| ## | 0.316406208 | 0.830933733 | 0.230953935 | 0.131887484 | 0.324774410 | 0.300415764 |
| ## | 194406      | 194412      | 194424      | 194426      | 194438      | 194440      |
| ## | 0.095589575 | 0.326010100 | 0.334098891 | 0.485298666 | 0.191596146 | 0.366834410 |
| ## | 194442      | 194446      | 194455      | 194459      | 194460      | 194461      |
| ## | 0.322163114 | 0.354222021 | 0.220115807 | 0.349461396 | 0.323656145 | 0.755332430 |
| ## | 194462      | 194464      | 194475      | 194479      | 194481      | 194485      |
| ## | 0.755332430 | 0.755332430 | 0.454509556 | 0.481576856 | 0.330783542 | 0.255785318 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 194489      | 194491      | 194498      | 194513      | 194514      | 194524      |
| ## | 0.231963774 | 0.316406208 | 0.336368058 | 0.139073973 | 0.485298666 | 0.481576856 |
| ## | 194527      | 194531      | 194533      | 194535      | 194541      | 194542      |
| ## | 0.485298666 | 0.203153525 | 0.329780916 | 0.342684670 | 0.282505018 | 0.441405815 |
| ## | 194543      | 194546      | 194551      | 194554      | 194555      | 194556      |
| ## | 0.292903908 | 0.143607688 | 0.356758990 | 0.195791188 | 0.342684670 | 0.343597277 |
| ## | 194558      | 194560      | 194561      | 194564      | 194572      | 194582      |
| ## | 0.284873348 | 0.327428592 | 0.190204661 | 0.365686775 | 0.326864418 | 0.150386861 |
| ## | 194584      | 194586      | 194590      | 194610      | 194616      | 194618      |
| ## | 0.134061964 | 0.361299974 | 0.332043703 | 0.485298666 | 0.481576856 | 0.485298666 |
| ## | 194623      | 194625      | 194629      | 194636      | 194637      | 194640      |
| ## | 0.341404406 | 0.327765500 | 0.360186366 | 0.181633891 | 0.181633891 | 0.282505018 |
| ## | 194641      | 194648      | 194650      | 194652      | 194653      | 194655      |
| ## | 0.445083705 | 0.326302587 | 0.326242007 | 0.329780916 | 0.465094575 | 0.181633891 |
| ## | 194664      | 194677      | 194679      | 194682      | 194683      | 194691      |
| ## | 0.316406208 | 0.485298666 | 0.366834410 | 0.206203395 | 0.206203395 | 0.243429540 |
| ## | 194695      | 194702      | 194717      | 194721      | 194725      | 194734      |
| ## | 0.392370907 | 0.285732924 | 0.307370619 | 0.392370907 | 0.292726476 | 0.353777647 |
| ## | 194737      | 194742      | 194744      | 194749      | 194751      | 194756      |
| ## | 0.302557001 | 0.445083705 | 0.282505018 | 0.226229792 | 0.221432798 | 0.309009794 |
| ## | 194759      | 194763      | 194764      | 194765      | 194770      | 194789      |
| ## | 0.346049575 | 0.319761520 | 0.300035954 | 0.319802990 | 0.310999147 | 0.726984890 |
| ## | 194790      | 194791      | 194795      | 194801      | 194809      | 194810      |
| ## | 0.337772667 | 0.156298876 | 0.120820990 | 0.360186366 | 0.328873325 | 0.196250410 |
| ## | 194820      | 194826      | 194829      | 194835      | 194842      | 194843      |
| ## | 0.150901278 | 0.194207698 | 0.323147332 | 0.724425980 | 0.661357822 | 0.722602206 |
| ## | 194844      | 194846      | 194850      | 194852      | 194854      | 194857      |
| ## | 0.256086503 | 0.818486817 | 0.450817054 | 0.481576856 | 0.481576856 | 0.148026554 |
| ## | 194859      | 194860      | 194862      | 194868      | 194869      | 194876      |
| ## | 0.184653232 | 0.714722335 | 0.365686775 | 0.209488766 | 0.159636961 | 0.367038370 |
| ## | 194889      | 194890      | 194895      | 194908      | 194909      | 194910      |
| ## | 0.698178872 | 0.312228343 | 0.481576856 | 0.481576856 | 0.485298666 | 0.485298666 |
| ## | 194913      | 194916      | 194917      | 194926      | 194933      | 194936      |
| ## | 0.485298666 | 0.826262540 | 0.255785318 | 0.316406208 | 0.485298666 | 0.316406208 |
| ## | 194941      | 194943      | 194944      | 194950      | 194954      | 194955      |
| ## | 0.135834299 | 0.322915783 | 0.322915783 | 0.157496939 | 0.194207698 | 0.151800094 |
| ## | 194957      | 194959      | 194960      | 194961      | 194962      | 194975      |
| ## | 0.326587715 | 0.352656487 | 0.356066267 | 0.350232829 | 0.718317839 | 0.342684670 |
| ## | 194990      | 195004      | 195005      | 195007      | 195018      | 195020      |
| ## | 0.319665866 | 0.450817054 | 0.332532627 | 0.298104072 | 0.485298666 | 0.485298666 |
| ## | 195029      | 195043      | 195046      | 195047      | 195050      | 195063      |
| ## | 0.214318864 | 0.214318864 | 0.481576856 | 0.485298666 | 0.481576856 | 0.316406208 |
| ## | 195068      | 195073      | 195078      | 195081      | 195092      | 195107      |
| ## | 0.615726646 | 0.316406208 | 0.485298666 | 0.316406208 | 0.481576856 | 0.180442721 |
| ## | 195110      | 195111      | 195113      | 195117      | 195125      | 195133      |
| ## | 0.364266050 | 0.364266050 | 0.304762255 | 0.319802990 | 0.359797884 | 0.392370907 |
| ## | 195134      | 195159      | 195166      | 195167      | 195169      | 195186      |
| ## | 0.773578384 | 0.721315556 | 0.620138536 | 0.773578384 | 0.392370907 | 0.327014289 |
| ## | 195191      | 195192      | 195194      | 195199      | 195207      | 195215      |
| ## | 0.315616758 | 0.640292466 | 0.169471126 | 0.097333865 | 0.836138549 | 0.834392609 |
| ## | 195216      | 195231      | 195236      | 195238      | 195243      | 195248      |
| ## | 0.836441770 | 0.830933733 | 0.485298666 | 0.481576856 | 0.481576856 | 0.485298666 |
| ## | 195249      | 195251      | 195253      | 195257      | 195260      | 195265      |
| ## | 0.481576856 | 0.249129752 | 0.316406208 | 0.311352889 | 0.481576856 | 0.481576856 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 195266      | 195271      | 195273      | 195274      | 195281      | 195282      |
| ## | 0.481576856 | 0.485298666 | 0.303621637 | 0.485298666 | 0.206203395 | 0.346049575 |
| ## | 195283      | 195287      | 195288      | 195304      | 195307      | 195310      |
| ## | 0.156978154 | 0.311352889 | 0.738728757 | 0.395929821 | 0.078014729 | 0.134843316 |
| ## | 195314      | 195322      | 195323      | 195326      | 195329      | 195339      |
| ## | 0.348972612 | 0.727714772 | 0.346170182 | 0.818815625 | 0.161030544 | 0.343164506 |
| ## | 195349      | 195357      | 195361      | 195364      | 195371      | 195372      |
| ## | 0.454509556 | 0.284873348 | 0.188772339 | 0.445083705 | 0.249741739 | 0.601548181 |
| ## | 195376      | 195383      | 195384      | 195390      | 195391      | 195399      |
| ## | 0.235799383 | 0.187433253 | 0.718368842 | 0.354422860 | 0.165615424 | 0.108756190 |
| ## | 195412      | 195414      | 195417      | 195423      | 195430      | 195434      |
| ## | 0.242316265 | 0.144895090 | 0.116684385 | 0.214543006 | 0.091951107 | 0.239590485 |
| ## | 195454      | 195455      | 195457      | 195463      | 195465      | 195468      |
| ## | 0.199104204 | 0.365002479 | 0.080436472 | 0.199104204 | 0.206717006 | 0.213412632 |
| ## | 195477      | 195479      | 195481      | 195482      | 195483      | 195484      |
| ## | 0.555264478 | 0.239590485 | 0.242452910 | 0.193236331 | 0.193236331 | 0.053072744 |
| ## | 195487      | 195489      | 195492      | 195493      | 195498      | 195504      |
| ## | 0.239590485 | 0.196796290 | 0.092752969 | 0.196723725 | 0.197213557 | 0.217255843 |
| ## | 195514      | 195515      | 195520      | 195530      | 195532      | 195539      |
| ## | 0.192305730 | 0.200650098 | 0.427005168 | 0.295170346 | 0.192305730 | 0.082198013 |
| ## | 195548      | 195551      | 195552      | 195556      | 195557      | 195558      |
| ## | 0.200650098 | 0.115437781 | 0.048295418 | 0.200650098 | 0.198815597 | 0.073172449 |
| ## | 195565      | 195569      | 195573      | 195594      | 195611      | 195623      |
| ## | 0.197204447 | 0.089960081 | 0.048295418 | 0.542750321 | 0.190499205 | 0.104951385 |
| ## | 195628      | 195629      | 195630      | 195632      | 195637      | 195644      |
| ## | 0.104951385 | 0.546446575 | 0.104951385 | 0.104951385 | 0.104951385 | 0.104951385 |
| ## | 195645      | 195659      | 195670      | 195676      | 195678      | 195683      |
| ## | 0.546446575 | 0.104951385 | 0.564376698 | 0.104951385 | 0.104951385 | 0.104951385 |
| ## | 195707      | 195708      | 195731      | 195732      | 195734      | 195737      |
| ## | 0.104951385 | 0.104951385 | 0.546446575 | 0.104951385 | 0.104951385 | 0.546446575 |
| ## | 195751      | 195757      | 195760      | 195765      | 195774      | 195778      |
| ## | 0.563832108 | 0.104951385 | 0.104951385 | 0.104951385 | 0.104951385 | 0.192808095 |
| ## | 195782      | 195784      | 195786      | 195790      | 195794      | 195796      |
| ## | 0.104951385 | 0.066709479 | 0.066709479 | 0.066709479 | 0.125454804 | 0.066709479 |
| ## | 195803      | 195811      | 195815      | 195816      | 195831      | 195845      |
| ## | 0.079097208 | 0.062818776 | 0.147032744 | 0.084249735 | 0.101157302 | 0.168059685 |
| ## | 195848      | 195850      | 195866      | 195867      | 195871      | 195873      |
| ## | 0.495876382 | 0.167306946 | 0.459364835 | 0.074090015 | 0.560759079 | 0.201983020 |
| ## | 195876      | 195878      | 195880      | 195881      | 195887      | 195889      |
| ## | 0.568843777 | 0.171134436 | 0.199591427 | 0.565184810 | 0.199591427 | 0.380398012 |
| ## | 195890      | 195898      | 195903      | 195907      | 195920      | 195941      |
| ## | 0.156894888 | 0.164414399 | 0.165708679 | 0.166326977 | 0.520886438 | 0.142342068 |
| ## | 195950      | 195961      | 195967      | 195970      | 195971      | 195973      |
| ## | 0.160921964 | 0.165467284 | 0.030924465 | 0.031589719 | 0.031589719 | 0.027464095 |
| ## | 195978      | 195992      | 196000      | 196004      | 196005      | 196007      |
| ## | 0.040275833 | 0.030213433 | 0.031106068 | 0.041682420 | 0.021212772 | 0.030521509 |
| ## | 196019      | 196025      | 196027      | 196030      | 196031      | 196034      |
| ## | 0.040680857 | 0.021212772 | 0.038688545 | 0.028305598 | 0.028305598 | 0.038688545 |
| ## | 196035      | 196048      | 196052      | 196056      | 196063      | 196068      |
| ## | 0.150921287 | 0.159065112 | 0.159065112 | 0.159065112 | 0.139074024 | 0.122965829 |
| ## | 196070      | 196081      | 196083      | 196085      | 196092      | 196096      |
| ## | 0.140835961 | 0.073473564 | 0.432249432 | 0.059606312 | 0.089368083 | 0.218071817 |
| ## | 196099      | 196107      | 196117      | 196121      | 196125      | 196127      |
| ## | 0.215541177 | 0.087842097 | 0.087842097 | 0.096529140 | 0.089368083 | 0.089368083 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 196129      | 196133      | 196134      | 196141      | 196143      | 196144      |
| ## | 0.067025554 | 0.032753991 | 0.138847181 | 0.133635711 | 0.109994376 | 0.058356707 |
| ## | 196148      | 196156      | 196160      | 196164      | 196169      | 196173      |
| ## | 0.112244482 | 0.087125268 | 0.197527628 | 0.127453932 | 0.072411970 | 0.131808481 |
| ## | 196180      | 196183      | 196185      | 196187      | 196192      | 196194      |
| ## | 0.112171172 | 0.087076260 | 0.106072698 | 0.141096572 | 0.343119357 | 0.502002892 |
| ## | 196195      | 196196      | 196197      | 196198      | 196202      | 196203      |
| ## | 0.181736990 | 0.158077937 | 0.156104512 | 0.187347128 | 0.502002892 | 0.101609075 |
| ## | 196205      | 196206      | 196209      | 196211      | 196216      | 196222      |
| ## | 0.091787945 | 0.153541962 | 0.171639113 | 0.270624411 | 0.115485532 | 0.154077554 |
| ## | 196226      | 196229      | 196232      | 196233      | 196246      | 196251      |
| ## | 0.267692701 | 0.270624411 | 0.267692701 | 0.154077554 | 0.154077554 | 0.154077554 |
| ## | 196266      | 196272      | 196273      | 196274      | 196276      | 196284      |
| ## | 0.154077554 | 0.114319682 | 0.109083475 | 0.109083475 | 0.092366416 | 0.160294705 |
| ## | 196286      | 196294      | 196307      | 196312      | 196317      | 196335      |
| ## | 0.085680744 | 0.527283845 | 0.160294705 | 0.156619286 | 0.176215136 | 0.096318649 |
| ## | 196344      | 196352      | 196354      | 196368      | 196374      | 196376      |
| ## | 0.186854156 | 0.124834328 | 0.418426486 | 0.085377679 | 0.158298809 | 0.078708160 |
| ## | 196377      | 196392      | 196398      | 196399      | 196406      | 196413      |
| ## | 0.146362656 | 0.035278644 | 0.363667870 | 0.363667870 | 0.113009603 | 0.426112790 |
| ## | 196425      | 196432      | 196434      | 196445      | 196452      | 196461      |
| ## | 0.147522078 | 0.342351427 | 0.371328159 | 0.077322918 | 0.093527878 | 0.364122288 |
| ## | 196483      | 196494      | 196496      | 196513      | 196516      | 196519      |
| ## | 0.152263235 | 0.139443658 | 0.123997207 | 0.102782613 | 0.061363685 | 0.152263235 |
| ## | 196521      | 196525      | 196529      | 196532      | 196544      | 196548      |
| ## | 0.341503930 | 0.058448725 | 0.164777037 | 0.289605350 | 0.138466923 | 0.425238875 |
| ## | 196563      | 196564      | 196568      | 196572      | 196578      | 196581      |
| ## | 0.364113777 | 0.081422393 | 0.061363685 | 0.380944475 | 0.074625347 | 0.454193665 |
| ## | 196584      | 196611      | 196613      | 196618      | 196629      | 196638      |
| ## | 0.349829621 | 0.059590376 | 0.170134211 | 0.291509238 | 0.257230724 | 0.073683766 |
| ## | 196640      | 196642      | 196645      | 196651      | 196653      | 196654      |
| ## | 0.093189990 | 0.059590376 | 0.132245303 | 0.164777037 | 0.281736085 | 0.065282756 |
| ## | 196655      | 196657      | 196658      | 196661      | 196671      | 196674      |
| ## | 0.268276262 | 0.065282756 | 0.326906797 | 0.041301865 | 0.065282756 | 0.041679904 |
| ## | 196676      | 196679      | 196682      | 196684      | 196690      | 196692      |
| ## | 0.279647138 | 0.352298442 | 0.347096961 | 0.068714768 | 0.149003820 | 0.058474091 |
| ## | 196697      | 196704      | 196705      | 196709      | 196724      | 196726      |
| ## | 0.036064895 | 0.156491816 | 0.031565788 | 0.334659128 | 0.026473637 | 0.026473637 |
| ## | 196733      | 196736      | 196737      | 196739      | 196741      | 196742      |
| ## | 0.200399704 | 0.142617351 | 0.196709580 | 0.142617351 | 0.275885711 | 0.272918331 |
| ## | 196746      | 196747      | 196749      | 196750      | 196753      | 196755      |
| ## | 0.272918331 | 0.121945835 | 0.272918331 | 0.272918331 | 0.272918331 | 0.272918331 |
| ## | 196763      | 196765      | 196771      | 196773      | 196782      | 196793      |
| ## | 0.272918331 | 0.272918331 | 0.272918331 | 0.275885711 | 0.275885711 | 0.157562500 |
| ## | 196798      | 196802      | 196803      | 196808      | 196812      | 196817      |
| ## | 0.272918331 | 0.275885711 | 0.272918331 | 0.275885711 | 0.272918331 | 0.157562500 |
| ## | 196825      | 196827      | 196832      | 196841      | 196853      | 196854      |
| ## | 0.275885711 | 0.275885711 | 0.163718898 | 0.422769357 | 0.275885711 | 0.272918331 |
| ## | 196862      | 196865      | 196869      | 196876      | 196880      | 196883      |
| ## | 0.157562500 | 0.272918331 | 0.272918331 | 0.272918331 | 0.272918331 | 0.272918331 |
| ## | 196884      | 196888      | 196914      | 196918      | 196929      | 196930      |
| ## | 0.275885711 | 0.121945835 | 0.132447413 | 0.098624824 | 0.650007059 | 0.354270273 |
| ## | 196932      | 196933      | 196934      | 196942      | 196963      | 196965      |
| ## | 0.107834139 | 0.378399624 | 0.223774576 | 0.211640739 | 0.125602288 | 0.282781689 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 196980      | 196982      | 196988      | 196991      | 196992      | 196993      |
| ## | 0.340513975 | 0.107834139 | 0.134360387 | 0.536348844 | 0.064041125 | 0.237126051 |
| ## | 196996      | 197000      | 197004      | 197006      | 197012      | 197015      |
| ## | 0.368076920 | 0.100800592 | 0.100800592 | 0.104360504 | 0.381335026 | 0.232961379 |
| ## | 197021      | 197022      | 197027      | 197033      | 197036      | 197037      |
| ## | 0.381335026 | 0.381335026 | 0.128649128 | 0.238549601 | 0.150704418 | 0.186658354 |
| ## | 197038      | 197051      | 197054      | 197058      | 197071      | 197078      |
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| ## | 197080      | 197082      | 197087      | 197089      | 197091      | 197101      |
| ## | 0.239906693 | 0.301894311 | 0.100104508 | 0.100104508 | 0.618966899 | 0.179630403 |
| ## | 197103      | 197123      | 197137      | 197147      | 197155      | 197159      |
| ## | 0.105193887 | 0.139460500 | 0.200063658 | 0.206256078 | 0.206256078 | 0.206256078 |
| ## | 197160      | 197166      | 197167      | 197168      | 197172      | 197179      |
| ## | 0.101147973 | 0.195393193 | 0.369239881 | 0.104124462 | 0.217209456 | 0.177020389 |
| ## | 197180      | 197187      | 197193      | 197194      | 197198      | 197199      |
| ## | 0.577852159 | 0.129869703 | 0.201412392 | 0.098406274 | 0.201853411 | 0.072706774 |
| ## | 197201      | 197202      | 197214      | 197218      | 197222      | 197223      |
| ## | 0.092936543 | 0.193044500 | 0.121915596 | 0.088729381 | 0.372327442 | 0.228111112 |
| ## | 197227      | 197230      | 197232      | 197236      | 197245      | 197249      |
| ## | 0.083231535 | 0.119154147 | 0.199553350 | 0.036716531 | 0.080888401 | 0.179690118 |
| ## | 197251      | 197252      | 197257      | 197266      | 197272      | 197273      |
| ## | 0.303692347 | 0.184501346 | 0.095486670 | 0.101609632 | 0.111911642 | 0.089313425 |
| ## | 197277      | 197280      | 197281      | 197283      | 197284      | 197285      |
| ## | 0.340102392 | 0.099698380 | 0.413532038 | 0.119154147 | 0.119154147 | 0.095486670 |
| ## | 197286      | 197292      | 197295      | 197297      | 197303      | 197309      |
| ## | 0.109572698 | 0.545624099 | 0.199992820 | 0.095486670 | 0.048994570 | 0.125603884 |
| ## | 197310      | 197316      | 197326      | 197332      | 197336      | 197339      |
| ## | 0.084087713 | 0.051223708 | 0.560749665 | 0.095486670 | 0.413807217 | 0.040343720 |
| ## | 197350      | 197372      | 197378      | 197379      | 197400      | 197403      |
| ## | 0.048030166 | 0.197563719 | 0.217209456 | 0.334998735 | 0.115706707 | 0.113875923 |
| ## | 197414      | 197426      | 197435      | 197438      | 197440      | 197451      |
| ## | 0.095486670 | 0.438022162 | 0.072938675 | 0.190341215 | 0.067457216 | 0.172193044 |
| ## | 197454      | 197457      | 197460      | 197465      | 197467      | 197469      |
| ## | 0.510010195 | 0.095486670 | 0.213517181 | 0.096858913 | 0.101609632 | 0.194188396 |
| ## | 197474      | 197477      | 197480      | 197481      | 197485      | 197486      |
| ## | 0.193606830 | 0.095486670 | 0.118854986 | 0.147474031 | 0.197361325 | 0.204426405 |
| ## | 197493      | 197497      | 197504      | 197506      | 197509      | 197510      |
| ## | 0.206090507 | 0.119154147 | 0.109690205 | 0.204426405 | 0.188094463 | 0.188094463 |
| ## | 197519      | 197524      | 197532      | 197534      | 197543      | 197545      |
| ## | 0.186529067 | 0.365570589 | 0.102538289 | 0.600590023 | 0.113501198 | 0.206090507 |
| ## | 197552      | 197554      | 197568      | 197571      | 197575      | 197581      |
| ## | 0.132763206 | 0.377292410 | 0.181834255 | 0.106504044 | 0.202988279 | 0.359659650 |
| ## | 197591      | 197593      | 197594      | 197596      | 197598      | 197601      |
| ## | 0.208903208 | 0.425827485 | 0.206450873 | 0.435474997 | 0.367992547 | 0.069220692 |
| ## | 197604      | 197606      | 197618      | 197626      | 197628      | 197629      |
| ## | 0.157955643 | 0.167347894 | 0.152907484 | 0.115568591 | 0.092010131 | 0.401393973 |
| ## | 197632      | 197643      | 197654      | 197657      | 197660      | 197661      |
| ## | 0.136575811 | 0.153292556 | 0.158748721 | 0.128685484 | 0.169001069 | 0.169744326 |
| ## | 197673      | 197678      | 197684      | 197689      | 197694      | 197695      |
| ## | 0.147818658 | 0.145951106 | 0.155236972 | 0.082745293 | 0.158767360 | 0.080954457 |
| ## | 197702      | 197703      | 197704      | 197705      | 197709      | 197715      |
| ## | 0.090716156 | 0.165885302 | 0.123561961 | 0.158519856 | 0.141126450 | 0.050271654 |
| ## | 197723      | 197726      | 197728      | 197736      | 197742      | 197744      |
| ## | 0.032285635 | 0.085810726 | 0.093557926 | 0.066294731 | 0.148612347 | 0.327248247 |

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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 197747      | 197758      | 197760      | 197777      | 197783      | 197788      |
| ## | 0.481889386 | 0.077719322 | 0.144657309 | 0.144657309 | 0.144657309 | 0.324873300 |
| ## | 197799      | 197800      | 197802      | 197804      | 197815      | 197819      |
| ## | 0.248752109 | 0.095533236 | 0.054380837 | 0.054380837 | 0.191789161 | 0.129972779 |
| ## | 197821      | 197825      | 197828      | 197833      | 197834      | 197841      |
| ## | 0.429716011 | 0.129972779 | 0.129972779 | 0.120698186 | 0.426774117 | 0.037844155 |
| ## | 197845      | 197850      | 197860      | 197861      | 197864      | 197868      |
| ## | 0.145152366 | 0.128609243 | 0.146370539 | 0.146370539 | 0.146835881 | 0.077905501 |
| ## | 197874      | 197875      | 197878      | 197888      | 197899      | 197902      |
| ## | 0.101995539 | 0.153745829 | 0.106704145 | 0.081712890 | 0.182036338 | 0.098489095 |
| ## | 197912      | 197918      | 197925      | 197928      | 197933      | 197953      |
| ## | 0.543215621 | 0.098489095 | 0.066930596 | 0.143609353 | 0.143609353 | 0.083010414 |
| ## | 197961      | 197962      | 197967      | 197978      | 197979      | 197983      |
| ## | 0.070215722 | 0.070215722 | 0.081416328 | 0.078311668 | 0.529373715 | 0.040750847 |
| ## | 197992      | 198002      | 198003      | 198012      | 198020      | 198021      |
| ## | 0.157206958 | 0.050529277 | 0.051616316 | 0.095725942 | 0.200717787 | 0.138705808 |
| ## | 198029      | 198046      | 198056      | 198058      | 198067      | 198068      |
| ## | 0.268884962 | 0.141170321 | 0.134758292 | 0.168643523 | 0.250228371 | 0.283745206 |
| ## | 198079      | 198080      | 198086      | 198088      | 198090      | 198111      |
| ## | 0.130161979 | 0.263835526 | 0.241668392 | 0.283301791 | 0.173095118 | 0.306891681 |
| ## | 198115      | 198119      | 198124      | 198135      | 198137      | 198139      |
| ## | 0.132904305 | 0.125536731 | 0.319584681 | 0.170278877 | 0.311625639 | 0.311625639 |
| ## | 198144      | 198161      | 198162      | 198172      | 198185      | 198189      |
| ## | 0.213583126 | 0.254338991 | 0.253720198 | 0.681129275 | 0.283492464 | 0.213074427 |
| ## | 198191      | 198197      | 198199      | 198200      | 198202      | 198215      |
| ## | 0.291035836 | 0.269618733 | 0.289750809 | 0.273178604 | 0.672193745 | 0.244410214 |
| ## | 198226      | 198230      | 198241      | 198243      | 198249      | 198250      |
| ## | 0.254935225 | 0.292617381 | 0.306891681 | 0.300303872 | 0.288869447 | 0.221391332 |
| ## | 198255      | 198257      | 198258      | 198259      | 198261      | 198276      |
| ## | 0.302361636 | 0.322834164 | 0.322834164 | 0.310788678 | 0.310788678 | 0.272334714 |
| ## | 198278      | 198283      | 198284      | 198287      | 198293      | 198298      |
| ## | 0.288500001 | 0.209281505 | 0.310631476 | 0.257175814 | 0.690061945 | 0.189755868 |
| ## | 198303      | 198308      | 198309      | 198311      | 198312      | 198313      |
| ## | 0.696222159 | 0.643980517 | 0.623950232 | 0.276147739 | 0.200752342 | 0.682240954 |
| ## | 198315      | 198322      | 198324      | 198329      | 198331      | 198333      |
| ## | 0.690605240 | 0.196902755 | 0.204031307 | 0.221391332 | 0.221391332 | 0.221391332 |
| ## | 198338      | 198340      | 198363      | 198365      | 198368      | 198369      |
| ## | 0.221391332 | 0.297827276 | 0.670089420 | 0.684671893 | 0.266740381 | 0.663151759 |
| ## | 198370      | 198375      | 198380      | 198382      | 198384      | 198390      |
| ## | 0.675307592 | 0.265286700 | 0.293254347 | 0.291035836 | 0.204031307 | 0.302643933 |
| ## | 198399      | 198400      | 198406      | 198418      | 198419      | 198423      |
| ## | 0.708644037 | 0.708644037 | 0.589188779 | 0.221391332 | 0.221391332 | 0.706099127 |
| ## | 198424      | 198432      | 198433      | 198438      | 198439      | 198440      |
| ## | 0.307637609 | 0.314831641 | 0.314831641 | 0.314831641 | 0.314831641 | 0.314831641 |
| ## | 198441      | 198452      | 198458      | 198463      | 198465      | 198466      |
| ## | 0.269019698 | 0.275740656 | 0.151287437 | 0.269618733 | 0.297057686 | 0.297057686 |
| ## | 198467      | 198471      | 198475      | 198476      | 198481      | 198483      |
| ## | 0.310631476 | 0.082311493 | 0.277868045 | 0.654714568 | 0.306775184 | 0.705443569 |
| ## | 198484      | 198485      | 198486      | 198488      | 198490      | 198500      |
| ## | 0.164241908 | 0.157736628 | 0.157736628 | 0.306891681 | 0.171097929 | 0.273573614 |
| ## | 198501      | 198510      | 198512      | 198513      | 198519      | 198523      |
| ## | 0.282846054 | 0.167719958 | 0.241668392 | 0.306891681 | 0.285817539 | 0.319584681 |
| ## | 198535      | 198547      | 198555      | 198568      | 198569      | 198576      |
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|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 198582      | 198585      | 198607      | 198612      | 198613      | 198614      |
| ## | 0.198925512 | 0.196561205 | 0.108656513 | 0.105146648 | 0.086713430 | 0.464987600 |
| ## | 198624      | 198627      | 198630      | 198635      | 198637      | 198645      |
| ## | 0.284140042 | 0.284140042 | 0.284140042 | 0.502038832 | 0.160053525 | 0.686045623 |
| ## | 198650      | 198655      | 198660      | 198661      | 198668      | 198670      |
| ## | 0.312008063 | 0.312008063 | 0.655254567 | 0.626288308 | 0.262236179 | 0.287094162 |
| ## | 198683      | 198685      | 198689      | 198692      | 198694      | 198702      |
| ## | 0.611013241 | 0.611013241 | 0.611013241 | 0.611013241 | 0.611013241 | 0.792515470 |
| ## | 198715      | 198716      | 198717      | 198724      | 198725      | 198731      |
| ## | 0.792515470 | 0.792515470 | 0.792515470 | 0.792515470 | 0.430935757 | 0.792515470 |
| ## | 198732      | 198750      | 198752      | 198758      | 198759      | 198760      |
| ## | 0.427284756 | 0.652181140 | 0.792515470 | 0.792515470 | 0.792515470 | 0.268304074 |
| ## | 198761      | 198773      | 198776      | 198792      | 198795      | 198801      |
| ## | 0.430935757 | 0.792515470 | 0.271001162 | 0.271001162 | 0.792515470 | 0.652181140 |
| ## | 198802      | 198806      | 198826      | 198827      | 198842      | 198847      |
| ## | 0.430935757 | 0.271001162 | 0.792515470 | 0.792515470 | 0.148333649 | 0.708569495 |
| ## | 198848      | 198852      | 198853      | 198858      | 198862      | 198867      |
| ## | 0.723335414 | 0.321988889 | 0.325251132 | 0.321988889 | 0.286252192 | 0.563511446 |
| ## | 198869      | 198871      | 198873      | 198877      | 198880      | 198884      |
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| ## | 198896      | 198902      | 198903      | 198908      | 198909      | 198911      |
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| ## | 200241      | 200242      | 200245      | 200257      | 200262      | 200269      |
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| ## | 201855      | 201860      | 201868      | 201871      | 201880      | 201893      |
| ## | 0.480129028 | 0.480129028 | 0.476410167 | 0.480129028 | 0.355429144 | 0.476410167 |
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| ## | 0.728024812 | 0.487379258 | 0.286042190 | 0.445696661 | 0.476410167 | 0.300310997 |
| ## | 201940      | 201941      | 201953      | 201962      | 201972      | 201980      |
| ## | 0.476410167 | 0.480129028 | 0.217275997 | 0.304543983 | 0.358805920 | 0.103448471 |
| ## | 201982      | 201987      | 201988      | 201997      | 202006      | 202007      |
| ## | 0.356060803 | 0.332547007 | 0.278010315 | 0.127002394 | 0.311982391 | 0.311982391 |
| ## | 202020      | 202024      | 202027      | 202041      | 202052      | 202053      |
| ## | 0.833589625 | 0.318805575 | 0.336764680 | 0.184300456 | 0.154059770 | 0.476410167 |
| ## | 202057      | 202059      | 202060      | 202062      | 202064      | 202068      |
| ## | 0.480129028 | 0.476410167 | 0.480129028 | 0.476410167 | 0.311945298 | 0.311945298 |
| ## | 202081      | 202085      | 202090      | 202096      | 202101      | 202104      |
| ## | 0.692137349 | 0.345536073 | 0.286847353 | 0.306841922 | 0.323204404 | 0.218033766 |
| ## | 202109      | 202112      | 202118      | 202122      | 202125      | 202127      |
| ## | 0.480129028 | 0.476410167 | 0.311945298 | 0.480129028 | 0.476410167 | 0.311945298 |
| ## | 202131      | 202132      | 202146      | 202149      | 202150      | 202154      |
| ## | 0.476410167 | 0.833282170 | 0.251864185 | 0.476410167 | 0.480129028 | 0.330182082 |
| ## | 202157      | 202159      | 202168      | 202174      | 202179      | 202197      |
| ## | 0.480129028 | 0.476410167 | 0.476410167 | 0.480129028 | 0.311945298 | 0.685694088 |
| ## | 202210      | 202213      | 202214      | 202215      | 202222      | 202235      |
| ## | 0.331056697 | 0.341379443 | 0.341379443 | 0.341379443 | 0.594927509 | 0.142496686 |
| ## | 202237      | 202248      | 202253      | 202260      | 202277      | 202281      |
| ## | 0.324320036 | 0.387446015 | 0.387446015 | 0.239636828 | 0.239636828 | 0.239636828 |
| ## | 202289      | 202292      | 202300      | 202309      | 202314      | 202315      |
| ## | 0.239636828 | 0.390989003 | 0.239636828 | 0.327133857 | 0.480129028 | 0.828005289 |
| ## | 202324      | 202338      | 202341      | 202344      | 202346      | 202349      |
| ## | 0.480129028 | 0.311945298 | 0.476410167 | 0.476410167 | 0.480129028 | 0.480129028 |
| ## | 202356      | 202366      | 202381      | 202383      | 202392      | 202396      |
| ## | 0.346835581 | 0.198018726 | 0.345536073 | 0.439976261 | 0.323677623 | 0.170207664 |
| ## | 202398      | 202400      | 202401      | 202403      | 202405      | 202416      |
| ## | 0.360897883 | 0.718433164 | 0.190988285 | 0.722422258 | 0.308055394 | 0.639683854 |
| ## | 202417      | 202421      | 202427      | 202432      | 202433      | 202441      |
| ## | 0.639683854 | 0.331762299 | 0.689096657 | 0.341858402 | 0.320250791 | 0.303770017 |
| ## | 202442      | 202462      | 202463      | 202464      | 202477      | 202481      |
| ## | 0.178576723 | 0.305224826 | 0.208704835 | 0.190516159 | 0.692439571 | 0.283649515 |
| ## | 202483      | 202485      | 202488      | 202493      | 202498      | 202502      |
| ## | 0.342515974 | 0.723685608 | 0.137653083 | 0.232089083 | 0.309704098 | 0.139757602 |
| ## | 202507      | 202509      | 202514      | 202515      | 202522      | 202527      |
| ## | 0.355429144 | 0.248656600 | 0.476410167 | 0.828005289 | 0.280674474 | 0.449381541 |
| ## | 202530      | 202541      | 202545      | 202546      | 202549      | 202556      |
| ## | 0.321477464 | 0.480129028 | 0.480129028 | 0.480129028 | 0.480129028 | 0.320453840 |
| ## | 202564      | 202568      | 202574      | 202579      | 202582      | 202584      |
| ## | 0.148276765 | 0.187995746 | 0.208917198 | 0.180166716 | 0.114567371 | 0.238535430 |

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| ## | 202586      | 202589      | 202592      | 202600      | 202602      | 202603      |
| ## | 0.104665169 | 0.605779799 | 0.238535430 | 0.154773131 | 0.230651151 | 0.349441689 |
| ## | 202610      | 202612      | 202615      | 202621      | 202623      | 202626      |
| ## | 0.101918346 | 0.560411957 | 0.196510625 | 0.055626453 | 0.616673389 | 0.195437064 |
| ## | 202630      | 202646      | 202651      | 202656      | 202657      | 202659      |
| ## | 0.133282689 | 0.394275313 | 0.209957808 | 0.154773131 | 0.563008073 | 0.235838942 |
| ## | 202664      | 202666      | 202674      | 202676      | 202680      | 202684      |
| ## | 0.238535430 | 0.235838942 | 0.133282689 | 0.235838942 | 0.130452722 | 0.067678208 |
| ## | 202687      | 202694      | 202696      | 202699      | 202703      | 202706      |
| ## | 0.168908783 | 0.238535430 | 0.133282689 | 0.180079171 | 0.114567371 | 0.193472617 |
| ## | 202712      | 202713      | 202714      | 202730      | 202733      | 202734      |
| ## | 0.043392214 | 0.107150249 | 0.235838942 | 0.639284786 | 0.640169579 | 0.195823347 |
| ## | 202739      | 202742      | 202749      | 202750      | 202754      | 202757      |
| ## | 0.192088931 | 0.191133314 | 0.198874475 | 0.602745524 | 0.080697876 | 0.186181058 |
| ## | 202758      | 202776      | 202777      | 202778      | 202780      | 202787      |
| ## | 0.556368242 | 0.204789907 | 0.204789907 | 0.204789907 | 0.091025401 | 0.204789907 |
| ## | 202816      | 202818      | 202820      | 202824      | 202838      | 202839      |
| ## | 0.170812150 | 0.195538334 | 0.529542072 | 0.200184170 | 0.516976934 | 0.159996459 |
| ## | 202842      | 202845      | 202850      | 202852      | 202856      | 202858      |
| ## | 0.550819797 | 0.199364798 | 0.184072288 | 0.412022474 | 0.198004473 | 0.197140178 |
| ## | 202859      | 202860      | 202871      | 202875      | 202877      | 202895      |
| ## | 0.296015508 | 0.199364798 | 0.069906730 | 0.177836537 | 0.101050336 | 0.078584375 |
| ## | 202896      | 202900      | 202903      | 202906      | 202917      | 202919      |
| ## | 0.103022416 | 0.103022416 | 0.187326976 | 0.541310612 | 0.541310612 | 0.189606424 |
| ## | 202926      | 202931      | 202932      | 202943      | 202947      | 202952      |
| ## | 0.541310612 | 0.103022416 | 0.187326976 | 0.103022416 | 0.103022416 | 0.103022416 |
| ## | 202953      | 202959      | 202963      | 202965      | 202968      | 202981      |
| ## | 0.103022416 | 0.187326976 | 0.103022416 | 0.103022416 | 0.103022416 | 0.189606424 |
| ## | 202988      | 203004      | 203006      | 203019      | 203021      | 203025      |
| ## | 0.103022416 | 0.189606424 | 0.537607919 | 0.103022416 | 0.103022416 | 0.187326976 |
| ## | 203029      | 203032      | 203035      | 203045      | 203052      | 203061      |
| ## | 0.549465673 | 0.103022416 | 0.103022416 | 0.103022416 | 0.189606424 | 0.103022416 |
| ## | 203064      | 203068      | 203069      | 203071      | 203073      | 203080      |
| ## | 0.103022416 | 0.103022416 | 0.103022416 | 0.103022416 | 0.103022416 | 0.103022416 |
| ## | 203094      | 203108      | 203110      | 203120      | 203122      | 203124      |
| ## | 0.228214030 | 0.131442208 | 0.471833830 | 0.070118016 | 0.077602229 | 0.175026911 |
| ## | 203126      | 203128      | 203129      | 203135      | 203141      | 203144      |
| ## | 0.177189321 | 0.538747841 | 0.086970750 | 0.158653308 | 0.158653308 | 0.097579211 |
| ## | 203146      | 203147      | 203157      | 203162      | 203163      | 203164      |
| ## | 0.171748307 | 0.169638608 | 0.582422797 | 0.198666492 | 0.560090216 | 0.560090216 |
| ## | 203166      | 203167      | 203170      | 203173      | 203178      | 203181      |
| ## | 0.196304508 | 0.563758963 | 0.560090216 | 0.560090216 | 0.145532952 | 0.095232876 |
| ## | 203182      | 203183      | 203184      | 203186      | 203191      | 203195      |
| ## | 0.174402531 | 0.176558878 | 0.095232876 | 0.161659567 | 0.161589832 | 0.088372881 |
| ## | 203201      | 203204      | 203205      | 203206      | 203208      | 203222      |
| ## | 0.151936709 | 0.507419647 | 0.151936709 | 0.080838690 | 0.159649908 | 0.138066228 |
| ## | 203229      | 203233      | 203263      | 203266      | 203268      | 203269      |
| ## | 0.086724102 | 0.529269130 | 0.028146513 | 0.020930756 | 0.042468803 | 0.196253810 |
| ## | 203278      | 203280      | 203288      | 203293      | 203295      | 203300      |
| ## | 0.015671149 | 0.031948486 | 0.139984153 | 0.134019728 | 0.042236133 | 0.014017994 |
| ## | 203303      | 203307      | 203329      | 203343      | 203347      | 203348      |
| ## | 0.027741688 | 0.187528717 | 0.041451361 | 0.041731651 | 0.027741688 | 0.037925858 |
| ## | 203349      | 203350      | 203351      | 203364      | 203390      | 203391      |
| ## | 0.040238431 | 0.041451361 | 0.030350359 | 0.495020455 | 0.129515911 | 0.063486727 |

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| ## | 203392      | 203393      | 203398      | 203404      | 203409      | 203412      |
| ## | 0.074670527 | 0.139379485 | 0.062762849 | 0.077178314 | 0.063334023 | 0.042639410 |
| ## | 203416      | 203433      | 203437      | 203443      | 203447      | 203449      |
| ## | 0.137799571 | 0.071042991 | 0.242137419 | 0.143013902 | 0.465206757 | 0.076768124 |
| ## | 203460      | 203465      | 203469      | 203474      | 203475      | 203478      |
| ## | 0.044556332 | 0.052018095 | 0.081154526 | 0.133970181 | 0.446401603 | 0.056740194 |
| ## | 203481      | 203492      | 203494      | 203498      | 203499      | 203502      |
| ## | 0.056740194 | 0.076230498 | 0.173262013 | 0.028970398 | 0.037531629 | 0.044556332 |
| ## | 203504      | 203508      | 203517      | 203523      | 203529      | 203535      |
| ## | 0.284593099 | 0.137681244 | 0.144637577 | 0.086197306 | 0.086197306 | 0.214562142 |
| ## | 203538      | 203544      | 203545      | 203549      | 203552      | 203554      |
| ## | 0.352967436 | 0.087697466 | 0.087697466 | 0.086197306 | 0.212061185 | 0.212061185 |
| ## | 203564      | 203565      | 203566      | 203573      | 203583      | 203585      |
| ## | 0.459994912 | 0.230940126 | 0.124332407 | 0.196609908 | 0.194266448 | 0.085717762 |
| ## | 203586      | 203589      | 203597      | 203602      | 203607      | 203613      |
| ## | 0.198246167 | 0.042067067 | 0.263653698 | 0.266557275 | 0.150870453 | 0.266557275 |
| ## | 203636      | 203641      | 203643      | 203645      | 203646      | 203652      |
| ## | 0.266557275 | 0.151398393 | 0.127351749 | 0.106029292 | 0.168715490 | 0.143867406 |
| ## | 203666      | 203668      | 203681      | 203688      | 203689      | 203702      |
| ## | 0.086926174 | 0.074486103 | 0.143966436 | 0.094531589 | 0.094531589 | 0.175374795 |
| ## | 203711      | 203715      | 203719      | 203720      | 203721      | 203723      |
| ## | 0.080778991 | 0.064470868 | 0.029537228 | 0.341526497 | 0.204986616 | 0.155559746 |
| ## | 203724      | 203726      | 203727      | 203732      | 203748      | 203752      |
| ## | 0.085893939 | 0.039970136 | 0.157527570 | 0.027764928 | 0.078825226 | 0.335142130 |
| ## | 203753      | 203757      | 203763      | 203764      | 203767      | 203788      |
| ## | 0.067282064 | 0.370560995 | 0.032597083 | 0.036198368 | 0.062164239 | 0.061836539 |
| ## | 203794      | 203795      | 203799      | 203821      | 203828      | 203833      |
| ## | 0.153414431 | 0.175380284 | 0.120840593 | 0.110950887 | 0.160115265 | 0.052207958 |
| ## | 203836      | 203837      | 203840      | 203847      | 203849      | 203850      |
| ## | 0.121765805 | 0.096703599 | 0.032112211 | 0.060999664 | 0.086749800 | 0.484583546 |
| ## | 203851      | 203872      | 203880      | 203882      | 203883      | 203885      |
| ## | 0.087273116 | 0.125066925 | 0.450807726 | 0.053642858 | 0.240671633 | 0.092817321 |
| ## | 203893      | 203898      | 203904      | 203905      | 203909      | 203912      |
| ## | 0.140627535 | 0.057319722 | 0.038263995 | 0.130883875 | 0.149610043 | 0.065662668 |
| ## | 203919      | 203922      | 203925      | 203929      | 203930      | 203933      |
| ## | 0.057319722 | 0.084807017 | 0.069230828 | 0.287778563 | 0.121765805 | 0.057319722 |
| ## | 203936      | 203942      | 203951      | 203952      | 203954      | 203960      |
| ## | 0.064376643 | 0.160115265 | 0.135225432 | 0.069890946 | 0.129887480 | 0.080596202 |
| ## | 203965      | 203968      | 203972      | 203975      | 203979      | 203988      |
| ## | 0.089805684 | 0.135225432 | 0.055253383 | 0.057344628 | 0.075296539 | 0.182581773 |
| ## | 203995      | 204019      | 204022      | 204035      | 204036      | 204041      |
| ## | 0.083597608 | 0.268829427 | 0.268829427 | 0.154833833 | 0.268829427 | 0.268829427 |
| ## | 204044      | 204045      | 204047      | 204061      | 204069      | 204070      |
| ## | 0.154833833 | 0.268829427 | 0.154833833 | 0.154833833 | 0.154833833 | 0.268829427 |
| ## | 204081      | 204084      | 204085      | 204086      | 204101      | 204106      |
| ## | 0.154833833 | 0.271768967 | 0.268829427 | 0.154833833 | 0.271768967 | 0.268829427 |
| ## | 204107      | 204108      | 204109      | 204119      | 204127      | 204134      |
| ## | 0.268829427 | 0.154833833 | 0.271768967 | 0.154833833 | 0.154833833 | 0.498407347 |
| ## | 204144      | 204155      | 204175      | 204176      | 204177      | 204179      |
| ## | 0.669327295 | 0.117754050 | 0.214327510 | 0.370528519 | 0.143099615 | 0.098999422 |
| ## | 204184      | 204186      | 204190      | 204201      | 204203      | 204212      |
| ## | 0.211274238 | 0.643997392 | 0.101414552 | 0.100664514 | 0.381828392 | 0.230838457 |
| ## | 204215      | 204219      | 204224      | 204237      | 204238      | 204244      |
| ## | 0.058175245 | 0.101618539 | 0.572868497 | 0.098939479 | 0.052227554 | 0.213768433 |

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| ## | 204246      | 204248      | 204250      | 204251      | 204252      | 204253      |
| ## | 0.101618539 | 0.083846420 | 0.148073644 | 0.255136287 | 0.063363446 | 0.098939479 |
| ## | 204266      | 204267      | 204280      | 204282      | 204286      | 204288      |
| ## | 0.271768967 | 0.154833833 | 0.388530865 | 0.197490393 | 0.102441152 | 0.102441152 |
| ## | 204291      | 204296      | 204299      | 204302      | 204308      | 204310      |
| ## | 0.104864882 | 0.231520551 | 0.370528519 | 0.379135218 | 0.370528519 | 0.268829427 |
| ## | 204313      | 204315      | 204316      | 204323      | 204324      | 204325      |
| ## | 0.268829427 | 0.366429231 | 0.088271656 | 0.224603662 | 0.226911515 | 0.059331247 |
| ## | 204330      | 204332      | 204338      | 204343      | 204356      | 204362      |
| ## | 0.389758678 | 0.368514728 | 0.247428683 | 0.102441152 | 0.125085736 | 0.268829427 |
| ## | 204365      | 204369      | 204370      | 204380      | 204387      | 204395      |
| ## | 0.125085736 | 0.268829427 | 0.154833833 | 0.513356131 | 0.168120760 | 0.182928054 |
| ## | 204400      | 204402      | 204408      | 204410      | 204411      | 204412      |
| ## | 0.205308180 | 0.122359391 | 0.036617787 | 0.166720356 | 0.077352713 | 0.077048783 |
| ## | 204417      | 204425      | 204430      | 204437      | 204441      | 204449      |
| ## | 0.183363633 | 0.115386936 | 0.193282454 | 0.035802996 | 0.084063381 | 0.098428381 |
| ## | 204464      | 204475      | 204492      | 204499      | 204513      | 204515      |
| ## | 0.100849447 | 0.172660954 | 0.049284423 | 0.116998259 | 0.093713445 | 0.112760311 |
| ## | 204516      | 204518      | 204519      | 204528      | 204530      | 204533      |
| ## | 0.093713445 | 0.061623227 | 0.136290926 | 0.160444955 | 0.188749719 | 0.172660954 |
| ## | 204534      | 204547      | 204558      | 204565      | 204568      | 204574      |
| ## | 0.185650625 | 0.100648685 | 0.140388916 | 0.116998259 | 0.210061117 | 0.099504610 |
| ## | 204583      | 204585      | 204590      | 204591      | 204592      | 204593      |
| ## | 0.079496997 | 0.210061117 | 0.093713445 | 0.150773392 | 0.093713445 | 0.090871145 |
| ## | 204595      | 204603      | 204604      | 204605      | 204608      | 204614      |
| ## | 0.093713445 | 0.202723668 | 0.178856710 | 0.100648685 | 0.245367530 | 0.065515097 |
| ## | 204618      | 204619      | 204621      | 204623      | 204625      | 204626      |
| ## | 0.116998259 | 0.093713445 | 0.150773392 | 0.121937099 | 0.093713445 | 0.110989301 |
| ## | 204637      | 204638      | 204641      | 204647      | 204655      | 204656      |
| ## | 0.189939365 | 0.136977560 | 0.114404960 | 0.089977119 | 0.166555194 | 0.166555194 |
| ## | 204659      | 204661      | 204664      | 204665      | 204668      | 204669      |
| ## | 0.210061117 | 0.260637470 | 0.158293534 | 0.242734353 | 0.098999944 | 0.093713445 |
| ## | 204678      | 204680      | 204682      | 204685      | 204686      | 204687      |
| ## | 0.198102907 | 0.078043646 | 0.085322231 | 0.090157509 | 0.194884788 | 0.207030449 |
| ## | 204690      | 204693      | 204699      | 204706      | 204713      | 204715      |
| ## | 0.088241462 | 0.084184556 | 0.196266905 | 0.199643528 | 0.093713445 | 0.343759489 |
| ## | 204733      | 204739      | 204750      | 204754      | 204761      | 204773      |
| ## | 0.089864989 | 0.068680658 | 0.114404960 | 0.199643528 | 0.429672561 | 0.201079867 |
| ## | 204775      | 204795      | 204800      | 204801      | 204803      | 204807      |
| ## | 0.111434651 | 0.114548306 | 0.234516995 | 0.140023507 | 0.095107816 | 0.205502312 |
| ## | 204823      | 204826      | 204828      | 204832      | 204841      | 204845      |
| ## | 0.088312599 | 0.147574236 | 0.496943717 | 0.145229645 | 0.035336152 | 0.152342420 |
| ## | 204848      | 204850      | 204858      | 204859      | 204863      | 204864      |
| ## | 0.152685215 | 0.498851108 | 0.145229645 | 0.143389299 | 0.166846476 | 0.166846476 |
| ## | 204866      | 204872      | 204873      | 204875      | 204876      | 204877      |
| ## | 0.509869584 | 0.076985254 | 0.076985254 | 0.152157763 | 0.152157763 | 0.070649455 |
| ## | 204881      | 204885      | 204897      | 204912      | 204915      | 204918      |
| ## | 0.496321570 | 0.143389299 | 0.091816883 | 0.150624615 | 0.093320252 | 0.291416581 |
| ## | 204923      | 204928      | 204930      | 204931      | 204933      | 204934      |
| ## | 0.039281833 | 0.038888799 | 0.201037235 | 0.150624615 | 0.119973407 | 0.168676157 |
| ## | 204939      | 204945      | 204949      | 204952      | 204955      | 204960      |
| ## | 0.150624615 | 0.091816883 | 0.049292332 | 0.150624615 | 0.071107423 | 0.152541287 |
| ## | 204965      | 204966      | 204972      | 204975      | 204979      | 204980      |
| ## | 0.059289247 | 0.059289247 | 0.142313199 | 0.105763917 | 0.083794398 | 0.089925831 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 204990      | 204993      | 204994      | 205010      | 205014      | 205017      |
| ## | 0.142114433 | 0.137821952 | 0.091577236 | 0.123527548 | 0.060517595 | 0.076398514 |
| ## | 205019      | 205027      | 205031      | 205034      | 205036      | 205044      |
| ## | 0.142114433 | 0.142114433 | 0.143941166 | 0.076248230 | 0.119228471 | 0.425972414 |
| ## | 205048      | 205057      | 205071      | 205077      | 205083      | 205087      |
| ## | 0.142114433 | 0.139311201 | 0.092500539 | 0.097044516 | 0.188600456 | 0.216056240 |
| ## | 205108      | 205112      | 205117      | 205123      | 205125      | 205127      |
| ## | 0.327909244 | 0.118518120 | 0.125999104 | 0.125999104 | 0.116969942 | 0.424810863 |
| ## | 205128      | 205130      | 205132      | 205133      | 205136      | 205142      |
| ## | 0.252052270 | 0.071771377 | 0.108301988 | 0.108301988 | 0.076861046 | 0.076861046 |
| ## | 205145      | 205156      | 205162      | 205173      | 205177      | 205185      |
| ## | 0.032498400 | 0.086261369 | 0.380195015 | 0.294742157 | 0.047273256 | 0.076431177 |
| ## | 205186      | 205187      | 205193      | 205195      | 205205      | 205214      |
| ## | 0.331445678 | 0.174908150 | 0.042900586 | 0.103357353 | 0.161601770 | 0.059200848 |
| ## | 205215      | 205218      | 205227      | 205230      | 205233      | 205237      |
| ## | 0.074616398 | 0.066333852 | 0.079401698 | 0.128690963 | 0.150590112 | 0.032450183 |
| ## | 205238      | 205241      | 205242      | 205243      | 205255      | 205264      |
| ## | 0.476939082 | 0.086442029 | 0.086442029 | 0.161601770 | 0.161601770 | 0.063452634 |
| ## | 205271      | 205273      | 205284      | 205286      | 205292      | 205299      |
| ## | 0.092443455 | 0.178973877 | 0.063452634 | 0.148381806 | 0.076153806 | 0.079433822 |
| ## | 205309      | 205310      | 205331      | 205335      | 205338      | 205347      |
| ## | 0.055269186 | 0.069736842 | 0.071710836 | 0.079881319 | 0.085093878 | 0.080733172 |
| ## | 205349      | 205350      | 205351      | 205357      | 205359      | 205365      |
| ## | 0.263221575 | 0.103443330 | 0.054364355 | 0.208412112 | 0.343511579 | 0.072932784 |
| ## | 205366      | 205367      | 205371      | 205373      | 205374      | 205381      |
| ## | 0.072932784 | 0.034512524 | 0.038355815 | 0.038355815 | 0.038355815 | 0.058139323 |
| ## | 205385      | 205389      | 205396      | 205400      | 205407      | 205427      |
| ## | 0.148720920 | 0.045512781 | 0.020743657 | 0.057982556 | 0.164735192 | 0.262664595 |
| ## | 205429      | 205432      | 205433      | 205437      | 205442      | 205448      |
| ## | 0.131105345 | 0.705356643 | 0.306215512 | 0.689856169 | 0.286133511 | 0.260104629 |
| ## | 205449      | 205451      | 205453      | 205457      | 205466      | 205467      |
| ## | 0.633838260 | 0.295980685 | 0.288134772 | 0.660276381 | 0.249141819 | 0.250432569 |
| ## | 205469      | 205470      | 205473      | 205477      | 205481      | 205512      |
| ## | 0.665172390 | 0.665172390 | 0.188896515 | 0.247115490 | 0.175453804 | 0.529701768 |
| ## | 205523      | 205525      | 205526      | 205528      | 205532      | 205534      |
| ## | 0.669127288 | 0.272028553 | 0.272028553 | 0.464778528 | 0.302582946 | 0.667615589 |
| ## | 205543      | 205544      | 205545      | 205546      | 205556      | 205560      |
| ## | 0.113965013 | 0.207616936 | 0.569261649 | 0.259834072 | 0.655580538 | 0.685835790 |
| ## | 205562      | 205570      | 205571      | 205576      | 205578      | 205579      |
| ## | 0.254658312 | 0.593603982 | 0.203688872 | 0.568690367 | 0.291718006 | 0.291718006 |
| ## | 205582      | 205584      | 205585      | 205587      | 205595      | 205601      |
| ## | 0.292875651 | 0.645458368 | 0.278773670 | 0.690736930 | 0.300465623 | 0.268067559 |
| ## | 205602      | 205604      | 205607      | 205610      | 205611      | 205613      |
| ## | 0.584168506 | 0.217843116 | 0.217843116 | 0.217843116 | 0.215314399 | 0.217843116 |
| ## | 205615      | 205616      | 205627      | 205630      | 205635      | 205636      |
| ## | 0.601694355 | 0.294903967 | 0.661960970 | 0.697188086 | 0.303245484 | 0.290523921 |
| ## | 205637      | 205645      | 205648      | 205649      | 205659      | 205661      |
| ## | 0.287461599 | 0.652181936 | 0.310382850 | 0.292389005 | 0.086772327 | 0.254965948 |
| ## | 205664      | 205667      | 205673      | 205683      | 205684      | 205692      |
| ## | 0.268251328 | 0.566292419 | 0.693313662 | 0.705356643 | 0.306215512 | 0.705356643 |
| ## | 205702      | 205707      | 205714      | 205716      | 205717      | 205718      |
| ## | 0.697033103 | 0.306215512 | 0.270931970 | 0.298380894 | 0.298380894 | 0.287616380 |
| ## | 205720      | 205724      | 205725      | 205727      | 205730      | 205735      |
| ## | 0.297851060 | 0.268981761 | 0.665700043 | 0.669063424 | 0.642093420 | 0.278195992 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 205738      | 205741      | 205742      | 205747      | 205748      | 205754      |
| ## | 0.660329243 | 0.294298125 | 0.214032163 | 0.585869441 | 0.247834129 | 0.165760715 |
| ## | 205761      | 205763      | 205765      | 205767      | 205776      | 205788      |
| ## | 0.295980685 | 0.265188379 | 0.284428583 | 0.287471630 | 0.190719191 | 0.370647118 |
| ## | 205799      | 205805      | 205810      | 205815      | 205818      | 205819      |
| ## | 0.302389994 | 0.633838260 | 0.299095666 | 0.576623773 | 0.278665418 | 0.278665418 |
| ## | 205827      | 205833      | 205834      | 205836      | 205837      | 205840      |
| ## | 0.155005500 | 0.288981862 | 0.246364225 | 0.681949819 | 0.540454965 | 0.256002529 |
| ## | 205842      | 205843      | 205857      | 205862      | 205868      | 205869      |
| ## | 0.447949958 | 0.128922977 | 0.315099615 | 0.209623619 | 0.296183735 | 0.127548997 |
| ## | 205876      | 205881      | 205884      | 205885      | 205893      | 205897      |
| ## | 0.560481972 | 0.312595776 | 0.258404765 | 0.576811105 | 0.695162678 | 0.292529009 |
| ## | 205908      | 205916      | 205917      | 205918      | 205925      | 205930      |
| ## | 0.292389005 | 0.646554229 | 0.288981862 | 0.198309520 | 0.573666843 | 0.597300573 |
| ## | 205937      | 205946      | 205951      | 205952      | 205954      | 205955      |
| ## | 0.659378140 | 0.658362810 | 0.623935404 | 0.257497467 | 0.261464966 | 0.523986649 |
| ## | 205956      | 205960      | 205967      | 205969      | 205970      | 205972      |
| ## | 0.295482051 | 0.304231339 | 0.288350389 | 0.698550836 | 0.199532482 | 0.199532482 |
| ## | 205976      | 205982      | 205985      | 205987      | 205993      | 206004      |
| ## | 0.627824704 | 0.288648218 | 0.291718006 | 0.288648218 | 0.645777749 | 0.271001855 |
| ## | 206006      | 206016      | 206017      | 206018      | 206020      | 206028      |
| ## | 0.271001855 | 0.211814218 | 0.211814218 | 0.176738520 | 0.677001469 | 0.678015296 |
| ## | 206039      | 206042      | 206044      | 206053      | 206057      | 206058      |
| ## | 0.310382850 | 0.310382850 | 0.292389005 | 0.242962315 | 0.179719341 | 0.150744206 |
| ## | 206064      | 206065      | 206074      | 206087      | 206090      | 206096      |
| ## | 0.290434886 | 0.692629407 | 0.295816069 | 0.674224027 | 0.250432569 | 0.306215512 |
| ## | 206097      | 206098      | 206112      | 206122      | 206124      | 206128      |
| ## | 0.690042353 | 0.705356643 | 0.212152670 | 0.299090070 | 0.253240619 | 0.692662733 |
| ## | 206129      | 206130      | 206131      | 206132      | 206137      | 206139      |
| ## | 0.301854142 | 0.301854142 | 0.301854142 | 0.685616624 | 0.576972330 | 0.697110423 |
| ## | 206143      | 206144      | 206157      | 206158      | 206161      | 206166      |
| ## | 0.287616380 | 0.712749432 | 0.233632425 | 0.665531359 | 0.581354460 | 0.252623593 |
| ## | 206169      | 206176      | 206177      | 206191      | 206208      | 206213      |
| ## | 0.129063774 | 0.282567966 | 0.446846090 | 0.159373283 | 0.272028553 | 0.249820096 |
| ## | 206215      | 206216      | 206217      | 206218      | 206220      | 206222      |
| ## | 0.271001855 | 0.209623619 | 0.646554229 | 0.284268921 | 0.303551708 | 0.261642599 |
| ## | 206227      | 206234      | 206237      | 206248      | 206249      | 206251      |
| ## | 0.619321671 | 0.282863142 | 0.108448051 | 0.565158848 | 0.286782556 | 0.674162206 |
| ## | 206252      | 206261      | 206266      | 206273      | 206282      | 206286      |
| ## | 0.304231339 | 0.306906285 | 0.290937119 | 0.301854142 | 0.560342358 | 0.299255352 |
| ## | 206288      | 206293      | 206301      | 206305      | 206312      | 206320      |
| ## | 0.315807180 | 0.247516163 | 0.253835698 | 0.652943279 | 0.202727376 | 0.306215512 |
| ## | 206324      | 206328      | 206338      | 206339      | 206340      | 206343      |
| ## | 0.307201839 | 0.306830859 | 0.155005500 | 0.155005500 | 0.283743898 | 0.702247724 |
| ## | 206347      | 206354      | 206355      | 206356      | 206357      | 206361      |
| ## | 0.295816069 | 0.287872208 | 0.237393692 | 0.301854142 | 0.685616624 | 0.678970978 |
| ## | 206362      | 206366      | 206371      | 206387      | 206388      | 206391      |
| ## | 0.288134772 | 0.265561208 | 0.701784418 | 0.545721130 | 0.653378461 | 0.657773151 |
| ## | 206392      | 206394      | 206397      | 206400      | 206403      | 206404      |
| ## | 0.469288078 | 0.292937541 | 0.707491919 | 0.689968720 | 0.705356643 | 0.699716249 |
| ## | 206415      | 206416      | 206431      | 206432      | 206435      | 206436      |
| ## | 0.671196080 | 0.258773669 | 0.193312136 | 0.195646880 | 0.568830974 | 0.195646880 |
| ## | 206438      | 206442      | 206449      | 206452      | 206457      | 206463      |
| ## | 0.555384537 | 0.154047418 | 0.568287692 | 0.193312136 | 0.193312136 | 0.193312136 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 206469      | 206471      | 206476      | 206477      | 206478      | 206480      |
| ## | 0.193312136 | 0.085087801 | 0.282961811 | 0.279947746 | 0.078734898 | 0.187643370 |
| ## | 206482      | 206483      | 206499      | 206500      | 206502      | 206506      |
| ## | 0.162283915 | 0.665604759 | 0.187643370 | 0.282961811 | 0.282961811 | 0.282961811 |
| ## | 206512      | 206513      | 206516      | 206532      | 206546      | 206547      |
| ## | 0.126024661 | 0.282961811 | 0.279947746 | 0.704275864 | 0.233738646 | 0.668264072 |
| ## | 206550      | 206552      | 206559      | 206563      | 206564      | 206565      |
| ## | 0.233738646 | 0.709070470 | 0.653010029 | 0.315374445 | 0.702238823 | 0.186680948 |
| ## | 206566      | 206567      | 206570      | 206572      | 206573      | 206580      |
| ## | 0.702238823 | 0.702238823 | 0.602116979 | 0.273702302 | 0.304416288 | 0.606081359 |
| ## | 206589      | 206597      | 206609      | 206619      | 206624      | 206625      |
| ## | 0.704275864 | 0.304416288 | 0.789090479 | 0.422226151 | 0.789090479 | 0.425866069 |
| ## | 206627      | 206636      | 206640      | 206646      | 206647      | 206650      |
| ## | 0.266930436 | 0.206988496 | 0.266930436 | 0.425866069 | 0.789090479 | 0.266930436 |
| ## | 206651      | 206653      | 206656      | 206659      | 206660      | 206665      |
| ## | 0.789090479 | 0.789090479 | 0.792068657 | 0.789090479 | 0.789090479 | 0.586044103 |
| ## | 206669      | 206671      | 206674      | 206677      | 206678      | 206680      |
| ## | 0.789090479 | 0.422226151 | 0.789090479 | 0.789090479 | 0.422226151 | 0.647470068 |
| ## | 206683      | 206684      | 206708      | 206713      | 206725      | 206730      |
| ## | 0.794512546 | 0.794512546 | 0.789090479 | 0.212837364 | 0.789090479 | 0.786599425 |
| ## | 206735      | 206759      | 206762      | 206763      | 206766      | 206767      |
| ## | 0.425866069 | 0.800922873 | 0.789090479 | 0.789090479 | 0.789090479 | 0.798535891 |
| ## | 206768      | 206769      | 206775      | 206779      | 206795      | 206796      |
| ## | 0.794512546 | 0.422226151 | 0.789090479 | 0.425866069 | 0.652519595 | 0.631701220 |
| ## | 206803      | 206805      | 206811      | 206813      | 206819      | 206820      |
| ## | 0.786599425 | 0.789090479 | 0.266930436 | 0.789090479 | 0.789090479 | 0.266930436 |
| ## | 206823      | 206827      | 206831      | 206840      | 206843      | 206844      |
| ## | 0.266930436 | 0.152254364 | 0.789090479 | 0.484980591 | 0.649207013 | 0.154295317 |
| ## | 206850      | 206853      | 206869      | 206871      | 206872      | 206879      |
| ## | 0.585429416 | 0.497775085 | 0.315374445 | 0.789090479 | 0.789090479 | 0.422226151 |
| ## | 206884      | 206896      | 206898      | 206904      | 206908      | 206913      |
| ## | 0.789090479 | 0.128006082 | 0.671546000 | 0.608643968 | 0.651827187 | 0.702238823 |
| ## | 206926      | 206937      | 206939      | 206944      | 206946      | 206947      |
| ## | 0.789090479 | 0.789090479 | 0.789090479 | 0.789090479 | 0.789090479 | 0.789090479 |
| ## | 206950      | 206959      | 206973      | 206978      | 206981      | 206983      |
| ## | 0.266930436 | 0.647470068 | 0.789090479 | 0.789090479 | 0.789090479 | 0.647470068 |
| ## | 206990      | 206993      | 206994      | 207011      | 207018      | 207022      |
| ## | 0.266930436 | 0.789090479 | 0.422226151 | 0.279705209 | 0.789090479 | 0.789090479 |
| ## | 207032      | 207033      | 207043      | 207045      | 207046      | 207048      |
| ## | 0.425866069 | 0.789090479 | 0.647470068 | 0.576954335 | 0.789090479 | 0.789090479 |
| ## | 207052      | 207055      | 207059      | 207060      | 207061      | 207091      |
| ## | 0.789090479 | 0.789090479 | 0.266930436 | 0.789090479 | 0.789090479 | 0.212837364 |
| ## | 207095      | 207096      | 207101      | 207106      | 207111      | 207117      |
| ## | 0.425866069 | 0.789090479 | 0.425866069 | 0.789090479 | 0.789090479 | 0.425866069 |
| ## | 207120      | 207124      | 207125      | 207132      | 207133      | 207135      |
| ## | 0.212837364 | 0.789090479 | 0.798535891 | 0.690256139 | 0.239115084 | 0.239115084 |
| ## | 207141      | 207142      | 207143      | 207159      | 207162      | 207166      |
| ## | 0.499967845 | 0.223440869 | 0.519550900 | 0.125391332 | 0.068958052 | 0.096519352 |
| ## | 207168      | 207177      | 207185      | 207186      | 207192      | 207193      |
| ## | 0.096216317 | 0.077114288 | 0.501882008 | 0.085909597 | 0.125391332 | 0.386834052 |
| ## | 207197      | 207200      | 207202      | 207206      | 207212      | 207213      |
| ## | 0.124890053 | 0.100626498 | 0.346803955 | 0.157168690 | 0.066702439 | 0.043404247 |
| ## | 207217      | 207233      | 207237      | 207241      | 207244      | 207245      |
| ## | 0.159304719 | 0.105039737 | 0.443253637 | 0.100626498 | 0.125391332 | 0.522528618 |



|    |             |             |             |             |             |             |
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| ## | 207253      | 207271      | 207278      | 207290      | 207294      | 207304      |
| ## | 0.342435544 | 0.163363820 | 0.223440869 | 0.062339003 | 0.077229285 | 0.223440869 |
| ## | 207306      | 207307      | 207319      | 207320      | 207324      | 207328      |
| ## | 0.185238506 | 0.049328576 | 0.184229363 | 0.080727113 | 0.184229363 | 0.191822549 |
| ## | 207331      | 207336      | 207344      | 207352      | 207354      | 207367      |
| ## | 0.410207285 | 0.103354075 | 0.341061438 | 0.116966819 | 0.427696539 | 0.162334507 |
| ## | 207376      | 207385      | 207387      | 207388      | 207389      | 207390      |
| ## | 0.223440869 | 0.129437917 | 0.427487676 | 0.118025348 | 0.090471673 | 0.507286408 |
| ## | 207398      | 207399      | 207408      | 207410      | 207416      | 207422      |
| ## | 0.307329941 | 0.078441476 | 0.122072651 | 0.091974572 | 0.074461608 | 0.096519352 |
| ## | 207429      | 207436      | 207440      | 207449      | 207457      | 207463      |
| ## | 0.096519352 | 0.098343452 | 0.078441476 | 0.081689901 | 0.039567477 | 0.081968009 |
| ## | 207467      | 207470      | 207473      | 207476      | 207487      | 207490      |
| ## | 0.223440869 | 0.100626498 | 0.187470615 | 0.082331172 | 0.096519352 | 0.262908410 |
| ## | 207491      | 207501      | 207506      | 207508      | 207523      | 207524      |
| ## | 0.128490195 | 0.055485097 | 0.131260255 | 0.076572631 | 0.229655616 | 0.252142255 |
| ## | 207526      | 207533      | 207536      | 207537      | 207539      | 207543      |
| ## | 0.131319047 | 0.469135499 | 0.439783336 | 0.256897523 | 0.256897523 | 0.284685154 |
| ## | 207546      | 207547      | 207551      | 207560      | 207565      | 207567      |
| ## | 0.408078781 | 0.268400403 | 0.457196124 | 0.446502023 | 0.290843906 | 0.134676133 |
| ## | 207569      | 207570      | 207576      | 207577      | 207579      | 207584      |
| ## | 0.303731292 | 0.469271903 | 0.226230822 | 0.223062902 | 0.240901794 | 0.134017332 |
| ## | 207586      | 207588      | 207590      | 207593      | 207597      | 207598      |
| ## | 0.545740308 | 0.558660799 | 0.252504857 | 0.142160391 | 0.284685154 | 0.256897523 |
| ## | 207612      | 207622      | 207624      | 207626      | 207630      | 207633      |
| ## | 0.134017332 | 0.116809668 | 0.248375077 | 0.536425461 | 0.303731292 | 0.469271903 |
| ## | 207636      | 207642      | 207644      | 207645      | 207658      | 207659      |
| ## | 0.284685154 | 0.284685154 | 0.134017332 | 0.134017332 | 0.306892286 | 0.145027110 |
| ## | 207663      | 207666      | 207674      | 207684      | 207691      | 207694      |
| ## | 0.714551564 | 0.284685154 | 0.268898676 | 0.059724511 | 0.446502023 | 0.461088959 |
| ## | 207704      | 207720      | 207721      | 207723      | 207726      | 207728      |
| ## | 0.221647920 | 0.335695878 | 0.221647920 | 0.534176983 | 0.332380480 | 0.124259265 |
| ## | 207738      | 207743      | 207751      | 207758      | 207763      | 207770      |
| ## | 0.181062477 | 0.154262537 | 0.078347762 | 0.238623501 | 0.466567196 | 0.096320913 |
| ## | 207775      | 207779      | 207782      | 207785      | 207787      | 207789      |
| ## | 0.056468713 | 0.056776419 | 0.077383522 | 0.039628526 | 0.144705692 | 0.061250914 |
| ## | 207794      | 207800      | 207802      | 207814      | 207816      | 207817      |
| ## | 0.156523462 | 0.080708050 | 0.046855061 | 0.038082068 | 0.052407791 | 0.024488200 |
| ## | 207818      | 207820      | 207822      | 207827      | 207828      | 207831      |
| ## | 0.043643673 | 0.099472405 | 0.129524973 | 0.232451733 | 0.054695680 | 0.129524973 |
| ## | 207834      | 207835      | 207837      | 207841      | 207844      | 207848      |
| ## | 0.027982112 | 0.034595783 | 0.460506949 | 0.101710893 | 0.058400029 | 0.148715245 |
| ## | 207850      | 207853      | 207855      | 207867      | 207874      | 207880      |
| ## | 0.341863308 | 0.064939952 | 0.140961121 | 0.341863308 | 0.341863308 | 0.089805530 |
| ## | 207888      | 207903      | 207913      | 207916      | 207920      | 207922      |
| ## | 0.341863308 | 0.205606834 | 0.143563955 | 0.486438588 | 0.102521957 | 0.150611929 |
| ## | 207923      | 207927      | 207929      | 207932      | 207935      | 207942      |
| ## | 0.341863308 | 0.113742187 | 0.140712646 | 0.136948598 | 0.131205235 | 0.132499110 |
| ## | 207950      | 207952      | 207955      | 207956      | 207957      | 207958      |
| ## | 0.088401247 | 0.096973279 | 0.166695111 | 0.151184220 | 0.151184220 | 0.083373849 |
| ## | 207970      | 207973      | 207982      | 207984      | 207986      | 207987      |
| ## | 0.470579034 | 0.060880966 | 0.151184220 | 0.106278668 | 0.408022771 | 0.228117173 |
| ## | 207992      | 207996      | 208007      | 208008      | 208011      | 208012      |
| ## | 0.104418641 | 0.172316148 | 0.093985784 | 0.174452149 | 0.083373849 | 0.172316148 |

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| ## | 208013      | 208030      | 208031      | 208043      | 208050      | 208051      |
| ## | 0.172316148 | 0.241752340 | 0.166845833 | 0.061947853 | 0.093325851 | 0.143664814 |
| ## | 208057      | 208060      | 208065      | 208068      | 208075      | 208083      |
| ## | 0.241136943 | 0.394878837 | 0.387439684 | 0.133424646 | 0.048785937 | 0.142596693 |
| ## | 208084      | 208093      | 208100      | 208108      | 208109      | 208111      |
| ## | 0.150214713 | 0.055919059 | 0.138613259 | 0.413436735 | 0.334882534 | 0.142254014 |
| ## | 208126      | 208128      | 208139      | 208149      | 208155      | 208158      |
| ## | 0.172609618 | 0.283019150 | 0.058416709 | 0.062869103 | 0.264732302 | 0.159818558 |
| ## | 208160      | 208161      | 208163      | 208164      | 208167      | 208173      |
| ## | 0.522063663 | 0.103443008 | 0.163721778 | 0.111260356 | 0.346182128 | 0.059929807 |
| ## | 208178      | 208186      | 208189      | 208192      | 208193      | 208195      |
| ## | 0.166845833 | 0.150838420 | 0.239030903 | 0.067477408 | 0.086426026 | 0.048756734 |
| ## | 208200      | 208203      | 208207      | 208209      | 208214      | 208216      |
| ## | 0.048756734 | 0.116461955 | 0.137595756 | 0.105313918 | 0.116461955 | 0.145022519 |
| ## | 208217      | 208223      | 208227      | 208228      | 208231      | 208232      |
| ## | 0.074623050 | 0.082637849 | 0.145022519 | 0.076328875 | 0.125324188 | 0.136688921 |
| ## | 208234      | 208235      | 208241      | 208244      | 208247      | 208249      |
| ## | 0.101450942 | 0.102424338 | 0.239030903 | 0.239030903 | 0.101450942 | 0.101450942 |
| ## | 208258      | 208271      | 208274      | 208275      | 208278      | 208287      |
| ## | 0.624334074 | 0.064609834 | 0.338769000 | 0.151453339 | 0.151453339 | 0.636280711 |
| ## | 208288      | 208312      | 208315      | 208319      | 208335      | 208338      |
| ## | 0.101450942 | 0.069831939 | 0.103443008 | 0.110783481 | 0.153378652 | 0.241136943 |
| ## | 208340      | 208346      | 208356      | 208362      | 208363      | 208376      |
| ## | 0.097766809 | 0.101450942 | 0.241136943 | 0.189153168 | 0.458164551 | 0.080520100 |
| ## | 208382      | 208392      | 208394      | 208395      | 208397      | 208401      |
| ## | 0.381475723 | 0.108865777 | 0.284303635 | 0.072342753 | 0.040532548 | 0.111810328 |
| ## | 208402      | 208404      | 208418      | 208425      | 208431      | 208432      |
| ## | 0.162809890 | 0.095186580 | 0.325871346 | 0.054704350 | 0.174080147 | 0.174080147 |
| ## | 208434      | 208435      | 208444      | 208445      | 208453      | 208455      |
| ## | 0.427082546 | 0.081349813 | 0.072433817 | 0.297068746 | 0.186797220 | 0.081997326 |
| ## | 208456      | 208457      | 208460      | 208474      | 208480      | 208481      |
| ## | 0.186797220 | 0.034756253 | 0.306464501 | 0.049063640 | 0.186797220 | 0.084825906 |
| ## | 208485      | 208487      | 208492      | 208493      | 208499      | 208501      |
| ## | 0.203290100 | 0.367058181 | 0.081997326 | 0.557370462 | 0.180092631 | 0.075869710 |
| ## | 208522      | 208528      | 208529      | 208544      | 208552      | 208556      |
| ## | 0.101783381 | 0.185435111 | 0.081997326 | 0.295951635 | 0.186797220 | 0.186797220 |
| ## | 208559      | 208561      | 208574      | 208580      | 208587      | 208588      |
| ## | 0.174080147 | 0.186797220 | 0.257010888 | 0.209569768 | 0.103659611 | 0.211232605 |
| ## | 208589      | 208594      | 208598      | 208601      | 208603      | 208609      |
| ## | 0.209569768 | 0.305486268 | 0.328987546 | 0.328987546 | 0.157886034 | 0.280364688 |
| ## | 208612      | 208619      | 208621      | 208624      | 208627      | 208635      |
| ## | 0.159455414 | 0.328987546 | 0.328987546 | 0.328987546 | 0.124587140 | 0.120729656 |
| ## | 208640      | 208651      | 208671      | 208680      | 208681      | 208688      |
| ## | 0.522472496 | 0.266019226 | 0.168895462 | 0.285264776 | 0.137003720 | 0.242817858 |
| ## | 208696      | 208697      | 208706      | 208708      | 208709      | 208713      |
| ## | 0.093656442 | 0.278729809 | 0.325705917 | 0.193991097 | 0.193991097 | 0.325705917 |
| ## | 208716      | 208721      | 208733      | 208736      | 208740      | 208742      |
| ## | 0.275743487 | 0.293779896 | 0.655918506 | 0.275743487 | 0.293779896 | 0.164223106 |
| ## | 208753      | 208757      | 208761      | 208766      | 208768      | 208775      |
| ## | 0.295281958 | 0.443122038 | 0.263710086 | 0.404068455 | 0.686744551 | 0.263710086 |
| ## | 208780      | 208789      | 208793      | 208795      | 208798      | 208802      |
| ## | 0.292991003 | 0.122246059 | 0.171148054 | 0.170966200 | 0.292991003 | 0.171631795 |
| ## | 208807      | 208811      | 208815      | 208816      | 208818      | 208820      |
| ## | 0.263710086 | 0.673340300 | 0.292991003 | 0.117139768 | 0.164223106 | 0.262560475 |

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| ## | 208822      | 208838      | 208843      | 208846      | 208848      | 208850      |
| ## | 0.659274245 | 0.267122059 | 0.158127318 | 0.328987546 | 0.266611606 | 0.328987546 |
| ## | 208852      | 208858      | 208866      | 208884      | 208885      | 208890      |
| ## | 0.158127318 | 0.325705917 | 0.295418104 | 0.325705917 | 0.325705917 | 0.325705917 |
| ## | 208891      | 208894      | 208895      | 208902      | 208923      | 208942      |
| ## | 0.158127318 | 0.193991097 | 0.319418748 | 0.158127318 | 0.325705917 | 0.158127318 |
| ## | 208945      | 208946      | 208956      | 208966      | 208977      | 208979      |
| ## | 0.193991097 | 0.325705917 | 0.193991097 | 0.193991097 | 0.146518930 | 0.733921192 |
| ## | 208990      | 208991      | 208993      | 208999      | 209003      | 209005      |
| ## | 0.328987546 | 0.193991097 | 0.325705917 | 0.275895502 | 0.200794637 | 0.592089304 |
| ## | 209013      | 209014      | 209025      | 209042      | 209048      | 209050      |
| ## | 0.193991097 | 0.325705917 | 0.325705917 | 0.328987546 | 0.193991097 | 0.325705917 |
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| ## | 0.158127318 | 0.494713526 | 0.248105698 | 0.151245086 | 0.061562217 | 0.335954067 |
| ## | 209088      | 209095      | 209096      | 209101      | 209103      | 209107      |
| ## | 0.139840725 | 0.164934530 | 0.142258519 | 0.247854352 | 0.357614702 | 0.060198368 |
| ## | 209109      | 209115      | 209116      | 209118      | 209121      | 209123      |
| ## | 0.059883914 | 0.432346830 | 0.091163413 | 0.215794940 | 0.086026727 | 0.072783896 |
| ## | 209126      | 209127      | 209138      | 209148      | 209151      | 209156      |
| ## | 0.321060836 | 0.145627903 | 0.145627903 | 0.049098540 | 0.063947489 | 0.049098540 |
| ## | 209162      | 209165      | 209171      | 209177      | 209178      | 209186      |
| ## | 0.068365172 | 0.069348113 | 0.317676722 | 0.075579817 | 0.055371191 | 0.183123604 |
| ## | 209188      | 209210      | 209234      | 209241      | 209248      | 209249      |
| ## | 0.120013576 | 0.034087282 | 0.211302698 | 0.123961086 | 0.063598116 | 0.023567664 |
| ## | 209250      | 209253      | 209265      | 209285      | 209287      | 209291      |
| ## | 0.058443547 | 0.124224910 | 0.533250519 | 0.317349310 | 0.317349310 | 0.317349310 |
| ## | 209295      | 209304      | 209310      | 209312      | 209314      | 209328      |
| ## | 0.317349310 | 0.320586773 | 0.320586773 | 0.320586773 | 0.317349310 | 0.710950540 |
| ## | 209330      | 209340      | 209342      | 209343      | 209352      | 209355      |
| ## | 0.317349310 | 0.317349310 | 0.317349310 | 0.317349310 | 0.317349310 | 0.317349310 |
| ## | 209360      | 209363      | 209380      | 209385      | 209389      | 209390      |
| ## | 0.141792953 | 0.146759620 | 0.317349310 | 0.141792953 | 0.317349310 | 0.317349310 |
| ## | 209402      | 209416      | 209425      | 209430      | 209431      | 209436      |
| ## | 0.317349310 | 0.141792953 | 0.710950540 | 0.317349310 | 0.317349310 | 0.188071318 |
| ## | 209437      | 209443      | 209456      | 209459      | 209460      | 209464      |
| ## | 0.317349310 | 0.188071318 | 0.320586773 | 0.317349310 | 0.317349310 | 0.317349310 |
| ## | 209473      | 209474      | 209504      | 209513      | 209515      | 209547      |
| ## | 0.177109835 | 0.423992819 | 0.207616369 | 0.092464284 | 0.077228758 | 0.436928769 |
| ## | 209549      | 209551      | 209552      | 209561      | 209575      | 209577      |
| ## | 0.612178905 | 0.268305023 | 0.727612130 | 0.826152866 | 0.820698887 | 0.467547710 |
| ## | 209578      | 209581      | 209585      | 209589      | 209590      | 209593      |
| ## | 0.826152866 | 0.230562502 | 0.230562502 | 0.423937972 | 0.208142049 | 0.277735608 |
| ## | 209602      | 209603      | 209610      | 209612      | 209618      | 209619      |
| ## | 0.467547710 | 0.236055423 | 0.333460018 | 0.317029106 | 0.301217566 | 0.463839352 |
| ## | 209622      | 209625      | 209626      | 209627      | 209636      | 209645      |
| ## | 0.467547710 | 0.423937972 | 0.423937972 | 0.423937972 | 0.293116617 | 0.335493032 |
| ## | 209646      | 209654      | 209655      | 209656      | 209657      | 209659      |
| ## | 0.335493032 | 0.340598413 | 0.343953552 | 0.347280043 | 0.795655183 | 0.423937972 |
| ## | 209665      | 209672      | 209677      | 209681      | 209683      | 209699      |
| ## | 0.350466099 | 0.236055423 | 0.463839352 | 0.463839352 | 0.301217566 | 0.242474497 |
| ## | 209702      | 209707      | 209711      | 209714      | 209719      | 209731      |
| ## | 0.301217566 | 0.467547710 | 0.467547710 | 0.242474497 | 0.707067368 | 0.301217566 |
| ## | 209732      | 209741      | 209744      | 209749      | 209753      | 209760      |
| ## | 0.463839352 | 0.433265651 | 0.273663317 | 0.259863267 | 0.427581727 | 0.793221347 |

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| ## | 209771      | 209780      | 209800      | 209811      | 209813      | 209814      |
| ## | 0.230562502 | 0.795655183 | 0.463839352 | 0.467547710 | 0.301217566 | 0.467547710 |
| ## | 209816      | 209818      | 209820      | 209822      | 209824      | 209827      |
| ## | 0.301217566 | 0.301217566 | 0.463839352 | 0.324571080 | 0.287891166 | 0.478438226 |
| ## | 209837      | 209841      | 209842      | 209850      | 209852      | 209870      |
| ## | 0.318199721 | 0.423937972 | 0.301217566 | 0.463839352 | 0.242474497 | 0.330125142 |
| ## | 209884      | 209885      | 209886      | 209887      | 209893      | 209902      |
| ## | 0.591802336 | 0.463839352 | 0.301217566 | 0.301217566 | 0.463839352 | 0.463839352 |
| ## | 209911      | 209914      | 209923      | 209932      | 209934      | 209935      |
| ## | 0.334641749 | 0.463839352 | 0.309592149 | 0.191587752 | 0.283429729 | 0.162597527 |
| ## | 209936      | 209937      | 209947      | 209953      | 209956      | 209964      |
| ## | 0.681588875 | 0.716424217 | 0.313366226 | 0.687276552 | 0.194797406 | 0.292289877 |
| ## | 209971      | 209980      | 209984      | 209985      | 209990      | 209992      |
| ## | 0.310795876 | 0.313366226 | 0.316928760 | 0.303621007 | 0.287891166 | 0.309320457 |
| ## | 209994      | 210003      | 210007      | 210013      | 210014      | 210019      |
| ## | 0.350466099 | 0.726316645 | 0.720558576 | 0.348419830 | 0.276635715 | 0.303591086 |
| ## | 210020      | 210042      | 210044      | 210048      | 210056      | 210062      |
| ## | 0.322041550 | 0.698418203 | 0.311964648 | 0.347280043 | 0.820698887 | 0.423937972 |
| ## | 210068      | 210069      | 210078      | 210090      | 210100      | 210113      |
| ## | 0.307555247 | 0.315172541 | 0.301217566 | 0.301217566 | 0.463839352 | 0.467547710 |
| ## | 210116      | 210119      | 210121      | 210129      | 210131      | 210136      |
| ## | 0.230562502 | 0.303236147 | 0.733633544 | 0.301217566 | 0.230562502 | 0.230562502 |
| ## | 210144      | 210145      | 210152      | 210158      | 210160      | 210164      |
| ## | 0.726472745 | 0.230562502 | 0.285673941 | 0.277735608 | 0.347280043 | 0.292422633 |
| ## | 210171      | 210181      | 210182      | 210183      | 210184      | 210185      |
| ## | 0.136408876 | 0.275848128 | 0.433265651 | 0.801778236 | 0.275848128 | 0.433265651 |
| ## | 210199      | 210204      | 210208      | 210212      | 210230      | 210236      |
| ## | 0.337538718 | 0.318009868 | 0.202578535 | 0.682069343 | 0.327092214 | 0.296540035 |
| ## | 210240      | 210241      | 210242      | 210243      | 210248      | 210253      |
| ## | 0.223998641 | 0.289814840 | 0.299242559 | 0.611158803 | 0.682069343 | 0.346942200 |
| ## | 210255      | 210259      | 210260      | 210262      | 210263      | 210269      |
| ## | 0.320163945 | 0.138224171 | 0.718170523 | 0.343953552 | 0.297287417 | 0.423937972 |
| ## | 210273      | 210274      | 210276      | 210294      | 210296      | 210306      |
| ## | 0.324006775 | 0.423937972 | 0.423937972 | 0.717017546 | 0.319509356 | 0.330125142 |
| ## | 210318      | 210325      | 210330      | 210332      | 210340      | 210345      |
| ## | 0.343953552 | 0.195555435 | 0.334641749 | 0.301376722 | 0.304400425 | 0.346942200 |
| ## | 210346      | 210350      | 210353      | 210354      | 210358      | 210361      |
| ## | 0.343573176 | 0.715179257 | 0.306989724 | 0.310169522 | 0.292891927 | 0.287891166 |
| ## | 210366      | 210371      | 210373      | 210374      | 210387      | 210394      |
| ## | 0.593722352 | 0.067302254 | 0.201270694 | 0.305123899 | 0.317029106 | 0.331021146 |
| ## | 210406      | 210416      | 210419      | 210421      | 210426      | 210430      |
| ## | 0.633978986 | 0.293203625 | 0.295905419 | 0.309073543 | 0.301217566 | 0.302361103 |
| ## | 210435      | 210436      | 210437      | 210441      | 210442      | 210444      |
| ## | 0.236055423 | 0.732110450 | 0.299226632 | 0.310795876 | 0.349341419 | 0.349341419 |
| ## | 210447      | 210450      | 210451      | 210458      | 210461      | 210466      |
| ## | 0.427581727 | 0.310569888 | 0.307612520 | 0.234997869 | 0.737708163 | 0.338312448 |
| ## | 210476      | 210477      | 210482      | 210483      | 210494      | 210496      |
| ## | 0.311964648 | 0.318105042 | 0.307947510 | 0.330243002 | 0.230562502 | 0.463839352 |
| ## | 210503      | 210508      | 210509      | 210513      | 210521      | 210529      |
| ## | 0.301217566 | 0.467547710 | 0.301217566 | 0.326954952 | 0.463839352 | 0.467547710 |
| ## | 210530      | 210542      | 210543      | 210545      | 210546      | 210552      |
| ## | 0.242474497 | 0.188537104 | 0.220586860 | 0.333460018 | 0.724442383 | 0.311548501 |
| ## | 210554      | 210557      | 210559      | 210560      | 210566      | 210568      |
| ## | 0.326837692 | 0.343953552 | 0.463839352 | 0.467547710 | 0.467547710 | 0.301217566 |

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| ## | 210571      | 210577      | 210580      | 210589      | 210594      | 210601      |
| ## | 0.463839352 | 0.334214276 | 0.707020253 | 0.691039797 | 0.375538969 | 0.463839352 |
| ## | 210604      | 210605      | 210611      | 210618      | 210620      | 210622      |
| ## | 0.467547710 | 0.463839352 | 0.236055423 | 0.242474497 | 0.467547710 | 0.820698887 |
| ## | 210623      | 210625      | 210633      | 210642      | 210646      | 210651      |
| ## | 0.463839352 | 0.467547710 | 0.301217566 | 0.467547710 | 0.301217566 | 0.337681223 |
| ## | 210667      | 210669      | 210675      | 210683      | 210688      | 210692      |
| ## | 0.207579138 | 0.120759796 | 0.423937972 | 0.423937972 | 0.285673941 | 0.337681223 |
| ## | 210695      | 210702      | 210704      | 210709      | 210711      | 210714      |
| ## | 0.298337580 | 0.330448502 | 0.719661066 | 0.314754072 | 0.185266470 | 0.304400425 |
| ## | 210715      | 210723      | 210732      | 210737      | 210741      | 210751      |
| ## | 0.301253942 | 0.340598413 | 0.242474497 | 0.467547710 | 0.463839352 | 0.463839352 |
| ## | 210758      | 210761      | 210763      | 210777      | 210786      | 210793      |
| ## | 0.303214424 | 0.706541476 | 0.299185909 | 0.202578535 | 0.705308278 | 0.737878021 |
| ## | 210794      | 210796      | 210800      | 210809      | 210813      | 210821      |
| ## | 0.333460018 | 0.710296401 | 0.223216663 | 0.820698887 | 0.463839352 | 0.467547710 |
| ## | 210834      | 210838      | 210840      | 210843      | 210846      | 210850      |
| ## | 0.326800552 | 0.285188735 | 0.612704596 | 0.301384038 | 0.292861734 | 0.343953552 |
| ## | 210851      | 210852      | 210853      | 210855      | 210859      | 210863      |
| ## | 0.301426781 | 0.309521206 | 0.708570507 | 0.312014816 | 0.339920486 | 0.689370571 |
| ## | 210874      | 210875      | 210877      | 210881      | 210893      | 210894      |
| ## | 0.299019945 | 0.285780515 | 0.467547710 | 0.226865521 | 0.194601406 | 0.127560044 |
| ## | 210899      | 210918      | 210920      | 210922      | 210924      | 210926      |
| ## | 0.226865521 | 0.187997900 | 0.569352155 | 0.130097534 | 0.182382807 | 0.201709201 |
| ## | 210927      | 210930      | 210935      | 210942      | 210949      | 210950      |
| ## | 0.187623453 | 0.081497996 | 0.094784835 | 0.188664157 | 0.097035291 | 0.189178911 |
| ## | 210951      | 210959      | 210963      | 210964      | 210972      | 210973      |
| ## | 0.138811632 | 0.608232741 | 0.044842096 | 0.081463633 | 0.182382807 | 0.183452534 |
| ## | 210974      | 210987      | 210988      | 210990      | 210992      | 211000      |
| ## | 0.107726939 | 0.190199573 | 0.102047475 | 0.109546725 | 0.201709201 | 0.172747737 |
| ## | 211003      | 211007      | 211011      | 211012      | 211013      | 211014      |
| ## | 0.189573354 | 0.189573354 | 0.331687396 | 0.142965228 | 0.142965228 | 0.056231165 |
| ## | 211017      | 211018      | 211035      | 211044      | 211059      | 211074      |
| ## | 0.122627500 | 0.187997900 | 0.226865521 | 0.071178778 | 0.329503482 | 0.190175315 |
| ## | 211077      | 211080      | 211081      | 211084      | 211085      | 211089      |
| ## | 0.185719416 | 0.226865521 | 0.229490222 | 0.127560044 | 0.226865521 | 0.127560044 |
| ## | 211091      | 211104      | 211105      | 211109      | 211110      | 211113      |
| ## | 0.229490222 | 0.144801051 | 0.183452534 | 0.127560044 | 0.127560044 | 0.226865521 |
| ## | 211114      | 211121      | 211122      | 211130      | 211134      | 211136      |
| ## | 0.102417045 | 0.172747737 | 0.187997900 | 0.182382807 | 0.226865521 | 0.058234193 |
| ## | 211137      | 211147      | 211148      | 211151      | 211157      | 211175      |
| ## | 0.271694519 | 0.082947607 | 0.094439656 | 0.060914581 | 0.202974954 | 0.071918616 |
| ## | 211188      | 211190      | 211194      | 211195      | 211200      | 211207      |
| ## | 0.068490065 | 0.163782634 | 0.189274494 | 0.189274494 | 0.237429809 | 0.203673309 |
| ## | 211210      | 211211      | 211212      | 211226      | 211227      | 211230      |
| ## | 0.189274494 | 0.189274494 | 0.161366189 | 0.183717220 | 0.100970643 | 0.191431518 |
| ## | 211233      | 211243      | 211252      | 211253      | 211268      | 211273      |
| ## | 0.191431518 | 0.108367021 | 0.487701614 | 0.176613303 | 0.098451446 | 0.528756696 |
| ## | 211279      | 211282      | 211293      | 211312      | 211318      | 211320      |
| ## | 0.098451446 | 0.098451446 | 0.098451446 | 0.528756696 | 0.098451446 | 0.075007019 |
| ## | 211325      | 211326      | 211343      | 211344      | 211349      | 211356      |
| ## | 0.179765162 | 0.098451446 | 0.179765162 | 0.098451446 | 0.098451446 | 0.098451446 |
| ## | 211358      | 211359      | 211360      | 211367      | 211373      | 211375      |
| ## | 0.528756696 | 0.098451446 | 0.179765162 | 0.179765162 | 0.181973199 | 0.181973199 |

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| ## | 211376      | 211377      | 211381      | 211383      | 211386      | 211394      |
| ## | 0.098451446 | 0.098451446 | 0.062412817 | 0.062412817 | 0.062412817 | 0.095890266 |
| ## | 211395      | 211406      | 211416      | 211419      | 211426      | 211432      |
| ## | 0.238152552 | 0.525632974 | 0.155416619 | 0.133415196 | 0.162647914 | 0.078406320 |
| ## | 211436      | 211442      | 211446      | 211447      | 211453      | 211457      |
| ## | 0.083397664 | 0.188464340 | 0.188464340 | 0.190754379 | 0.121216838 | 0.169341163 |
| ## | 211461      | 211464      | 211468      | 211470      | 211475      | 211483      |
| ## | 0.515189779 | 0.048427494 | 0.083667904 | 0.494616281 | 0.169228246 | 0.083397664 |
| ## | 211497      | 211500      | 211507      | 211509      | 211512      | 211515      |
| ## | 0.147695436 | 0.474819962 | 0.068012482 | 0.151486556 | 0.026798436 | 0.030424013 |
| ## | 211517      | 211520      | 211529      | 211534      | 211545      | 211556      |
| ## | 0.150044802 | 0.145440817 | 0.027592268 | 0.026412473 | 0.010921252 | 0.029097861 |
| ## | 211562      | 211564      | 211567      | 211569      | 211570      | 211575      |
| ## | 0.027790890 | 0.138816531 | 0.029282060 | 0.039759532 | 0.029282060 | 0.129945855 |
| ## | 211579      | 211581      | 211582      | 211594      | 211607      | 211625      |
| ## | 0.029768692 | 0.026798436 | 0.029913073 | 0.036126810 | 0.026412473 | 0.028679757 |
| ## | 211629      | 211632      | 211634      | 211635      | 211639      | 211640      |
| ## | 0.028484524 | 0.008146608 | 0.037613109 | 0.025902672 | 0.028196412 | 0.174905255 |
| ## | 211643      | 211646      | 211659      | 211660      | 211661      | 211665      |
| ## | 0.039194416 | 0.029768692 | 0.036698204 | 0.036698204 | 0.013337316 | 0.025256255 |
| ## | 211675      | 211679      | 211681      | 211690      | 211691      | 211701      |
| ## | 0.036649383 | 0.182415169 | 0.040463319 | 0.026281386 | 0.025902672 | 0.148394232 |
| ## | 211702      | 211708      | 211712      | 211719      | 211720      | 211725      |
| ## | 0.148394232 | 0.185279264 | 0.036649383 | 0.025625767 | 0.025625767 | 0.009704986 |
| ## | 211729      | 211754      | 211758      | 211763      | 211768      | 211776      |
| ## | 0.036427742 | 0.067372962 | 0.059105941 | 0.064108234 | 0.148059506 | 0.064416134 |
| ## | 211777      | 211781      | 211783      | 211787      | 211791      | 211792      |
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| ## | 211802      | 211804      | 211807      | 211810      | 211813      | 211825      |
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| ## | 211830      | 211856      | 211857      | 211858      | 211861      | 211863      |
| ## | 0.149774571 | 0.074167223 | 0.146841113 | 0.131400850 | 0.052140283 | 0.065845981 |
| ## | 211866      | 211872      | 211888      | 211894      | 211895      | 211900      |
| ## | 0.034206365 | 0.115812865 | 0.032073277 | 0.060405389 | 0.060564887 | 0.187212021 |
| ## | 211902      | 211908      | 211910      | 211932      | 211935      | 211939      |
| ## | 0.064108234 | 0.038111052 | 0.058736942 | 0.027653033 | 0.042216632 | 0.258668553 |
| ## | 211940      | 211943      | 211945      | 211952      | 211953      | 211961      |
| ## | 0.059858939 | 0.462280155 | 0.055067989 | 0.055012352 | 0.279974767 | 0.030756790 |
| ## | 211966      | 211969      | 211972      | 211973      | 211978      | 211991      |
| ## | 0.069189009 | 0.069189009 | 0.082304347 | 0.082304347 | 0.203751254 | 0.082304347 |
| ## | 211992      | 212002      | 212006      | 212009      | 212015      | 212021      |
| ## | 0.090498075 | 0.082304347 | 0.235428149 | 0.022158862 | 0.123466912 | 0.125608580 |
| ## | 212023      | 212025      | 212026      | 212027      | 212030      | 212038      |
| ## | 0.348227757 | 0.118941316 | 0.048979927 | 0.051040435 | 0.095904865 | 0.065429913 |
| ## | 212050      | 212062      | 212064      | 212070      | 212079      | 212082      |
| ## | 0.377756383 | 0.186488790 | 0.081844521 | 0.186488790 | 0.285500477 | 0.069605565 |
| ## | 212090      | 212102      | 212105      | 212114      | 212120      | 212121      |
| ## | 0.114061434 | 0.150509657 | 0.095780731 | 0.081851461 | 0.169475389 | 0.163135054 |
| ## | 212127      | 212128      | 212133      | 212148      | 212149      | 212152      |
| ## | 0.145028083 | 0.145028083 | 0.145028083 | 0.253973695 | 0.159810885 | 0.147446552 |
| ## | 212155      | 212159      | 212160      | 212170      | 212171      | 212173      |
| ## | 0.079337602 | 0.147446552 | 0.151985842 | 0.150945238 | 0.111152258 | 0.247575853 |
| ## | 212183      | 212186      | 212189      | 212194      | 212197      | 212198      |
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| ## | 212200      | 212201      | 212202      | 212203      | 212209      | 212214      |
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| ## | 212219      | 212235      | 212237      | 212254      | 212257      | 212264      |
| ## | 0.208964741 | 0.073794865 | 0.166120787 | 0.311916474 | 0.160765300 | 0.133126686 |
| ## | 212269      | 212274      | 212278      | 212287      | 212292      | 212310      |
| ## | 0.073794865 | 0.166120787 | 0.071895529 | 0.065978567 | 0.238827476 | 0.084156940 |
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| ## | 0.059229151 | 0.139346428 | 0.244518598 | 0.124617925 | 0.301857798 | 0.058461579 |
| ## | 212326      | 212329      | 212341      | 212354      | 212357      | 212359      |
| ## | 0.056351310 | 0.136785966 | 0.093004688 | 0.045821496 | 0.047291252 | 0.123274011 |
| ## | 212374      | 212382      | 212389      | 212391      | 212394      | 212398      |
| ## | 0.334850657 | 0.116771206 | 0.081704588 | 0.048896151 | 0.076786840 | 0.058972791 |
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| ## | 0.161956499 | 0.244982513 | 0.055882049 | 0.093004688 | 0.372834276 | 0.253259982 |
| ## | 212434      | 212438      | 212439      | 212447      | 212455      | 212462      |
| ## | 0.126408694 | 0.052618228 | 0.126408694 | 0.085172395 | 0.072813554 | 0.094895387 |
| ## | 212481      | 212484      | 212486      | 212491      | 212496      | 212499      |
| ## | 0.143373832 | 0.068971097 | 0.071946618 | 0.129814430 | 0.065490450 | 0.261899699 |
| ## | 212500      | 212507      | 212510      | 212518      | 212522      | 212524      |
| ## | 0.066592901 | 0.129431830 | 0.104596672 | 0.129431830 | 0.143302273 | 0.076934910 |
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| ## | 0.143302273 | 0.040007389 | 0.176414983 | 0.254292803 | 0.051645736 | 0.129431830 |
| ## | 212538      | 212545      | 212563      | 212564      | 212569      | 212570      |
| ## | 0.047371116 | 0.267656422 | 0.055724868 | 0.027196355 | 0.129431830 | 0.165020542 |
| ## | 212576      | 212578      | 212580      | 212588      | 212596      | 212610      |
| ## | 0.143302273 | 0.336463296 | 0.093529516 | 0.068971097 | 0.061071974 | 0.125361980 |
| ## | 212612      | 212621      | 212623      | 212630      | 212633      | 212638      |
| ## | 0.066048747 | 0.100395100 | 0.060168452 | 0.037440944 | 0.040734858 | 0.050375114 |
| ## | 212639      | 212654      | 212656      | 212658      | 212667      | 212672      |
| ## | 0.096219133 | 0.309377004 | 0.037440944 | 0.307639380 | 0.071857181 | 0.037295542 |
| ## | 212681      | 212683      | 212688      | 212693      | 212700      | 212706      |
| ## | 0.467772541 | 0.100267562 | 0.201327937 | 0.093590305 | 0.261896985 | 0.090360717 |
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| ## | 0.606958773 | 0.214877423 | 0.114528058 | 0.498658428 | 0.259026244 | 0.126056928 |
| ## | 212739      | 212746      | 212749      | 212750      | 212761      | 212762      |
| ## | 0.175997056 | 0.199958907 | 0.374432504 | 0.099875758 | 0.222663563 | 0.258032876 |
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| ## | 0.557358593 | 0.210663911 | 0.324028700 | 0.382176045 | 0.211655805 | 0.079442285 |
| ## | 212797      | 212802      | 212811      | 212817      | 212818      | 212829      |
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| ## | 212908      | 212909      | 212916      | 212923      | 212934      | 212936      |
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| ## | 0.056529008 | 0.335062760 | 0.088148328 | 0.218180789 | 0.206836876 | 0.148344240 |
| ## | 212955      | 212967      | 212971      | 212974      | 212975      | 212978      |
| ## | 0.259026244 | 0.406753394 | 0.259026244 | 0.119666444 | 0.119666444 | 0.259026244 |
| ## | 212980      | 212984      | 212987      | 212988      | 212989      | 212991      |
| ## | 0.119666444 | 0.119666444 | 0.119666444 | 0.119666444 | 0.119666444 | 0.119666444 |
| ## | 213001      | 213004      | 213008      | 213019      | 213023      | 213024      |
| ## | 0.259026244 | 0.110510900 | 0.602045641 | 0.259026244 | 0.259026244 | 0.119666444 |

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| ## | 213035      | 213049      | 213050      | 213053      | 213054      | 213060      |
| ## | 0.259026244 | 0.414714108 | 0.259026244 | 0.119666444 | 0.119666444 | 0.099088745 |
| ## | 213070      | 213071      | 213085      | 213089      | 213098      | 213099      |
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| ## | 213102      | 213107      | 213119      | 213123      | 213125      | 213131      |
| ## | 0.078675481 | 0.175505462 | 0.099473199 | 0.117382237 | 0.194847890 | 0.058963022 |
| ## | 213134      | 213141      | 213152      | 213161      | 213164      | 213165      |
| ## | 0.068876663 | 0.108014838 | 0.108014838 | 0.044970406 | 0.108014838 | 0.044970406 |
| ## | 213167      | 213168      | 213169      | 213172      | 213180      | 213181      |
| ## | 0.044970406 | 0.044970406 | 0.108014838 | 0.044970406 | 0.044970406 | 0.044970406 |
| ## | 213182      | 213188      | 213192      | 213198      | 213199      | 213206      |
| ## | 0.044970406 | 0.057738830 | 0.144930387 | 0.047887593 | 0.075547211 | 0.164827367 |
| ## | 213208      | 213212      | 213214      | 213216      | 213217      | 213224      |
| ## | 0.188814887 | 0.177731092 | 0.036687383 | 0.182459937 | 0.033234723 | 0.106534771 |
| ## | 213227      | 213230      | 213231      | 213234      | 213235      | 213238      |
| ## | 0.162283709 | 0.083417315 | 0.190630255 | 0.097670148 | 0.360221816 | 0.098368684 |
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| ## | 0.111884546 | 0.042476164 | 0.087108299 | 0.071028386 | 0.081339114 | 0.050773838 |
| ## | 213270      | 213278      | 213282      | 213284      | 213285      | 213295      |
| ## | 0.187088122 | 0.101469428 | 0.102298170 | 0.194689231 | 0.085929504 | 0.105031219 |
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| ## | 0.104773972 | 0.181428863 | 0.198867899 | 0.153928433 | 0.198362612 | 0.108289804 |
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| ## | 0.119275109 | 0.103425644 | 0.431376027 | 0.167207384 | 0.168961259 | 0.195034559 |
| ## | 213355      | 213359      | 213362      | 213369      | 213373      | 213375      |
| ## | 0.102049480 | 0.058740981 | 0.241028112 | 0.422448877 | 0.106889269 | 0.481130171 |
| ## | 213385      | 213387      | 213405      | 213411      | 213417      | 213420      |
| ## | 0.182737210 | 0.102819427 | 0.201809487 | 0.076051950 | 0.227947873 | 0.545273938 |
| ## | 213425      | 213431      | 213432      | 213435      | 213438      | 213440      |
| ## | 0.064144657 | 0.089514284 | 0.201809487 | 0.111884546 | 0.122036920 | 0.182295751 |
| ## | 213441      | 213442      | 213446      | 213448      | 213450      | 213451      |
| ## | 0.089514284 | 0.201809487 | 0.201809487 | 0.111884546 | 0.108621498 | 0.092777794 |
| ## | 213464      | 213470      | 213471      | 213473      | 213474      | 213480      |
| ## | 0.108889278 | 0.197036544 | 0.132335526 | 0.089514284 | 0.109251145 | 0.095294623 |
| ## | 213482      | 213483      | 213488      | 213498      | 213501      | 213510      |
| ## | 0.096587293 | 0.189365341 | 0.169437650 | 0.089514284 | 0.053204526 | 0.340576640 |
| ## | 213511      | 213516      | 213518      | 213519      | 213532      | 213534      |
| ## | 0.126934419 | 0.180896908 | 0.089514284 | 0.060450780 | 0.130681266 | 0.093658406 |
| ## | 213535      | 213545      | 213561      | 213566      | 213568      | 213572      |
| ## | 0.093658406 | 0.084332923 | 0.320434351 | 0.462974725 | 0.215848476 | 0.196841484 |
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| ## | 0.178699078 | 0.106106666 | 0.171564631 | 0.180896908 | 0.055842770 | 0.515086456 |
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| ## | 213649      | 213659      | 213673      | 213677      | 213678      | 213680      |
| ## | 0.476615456 | 0.146841482 | 0.139076355 | 0.148718443 | 0.139538950 | 0.148920845 |
| ## | 213690      | 213691      | 213695      | 213700      | 213701      | 213702      |
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| ## | 213743      | 213749      | 213750      | 213753      | 213761      | 213763      |
| ## | 0.486613532 | 0.090103998 | 0.033293787 | 0.124865183 | 0.147041771 | 0.058280319 |



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| ## | 213769      | 213770      | 213775      | 213780      | 213784      | 213788      |
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| ## | 213791      | 213792      | 213797      | 213800      | 213810      | 213818      |
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| ## | 213948      | 213949      | 213952      | 213958      | 213959      | 213961      |
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| ## | 213973      | 213976      | 213978      | 213979      | 213981      | 213983      |
| ## | 0.081907682 | 0.020401097 | 0.022761590 | 0.093643510 | 0.019889172 | 0.019889172 |
| ## | 213989      | 213998      | 214003      | 214014      | 214016      | 214017      |
| ## | 0.165954736 | 0.109813716 | 0.089699297 | 0.120545693 | 0.120545693 | 0.046452011 |
| ## | 214020      | 214022      | 214026      | 214028      | 214030      | 214031      |
| ## | 0.122134653 | 0.063931061 | 0.429528843 | 0.120545693 | 0.048266936 | 0.120545693 |
| ## | 214032      | 214034      | 214037      | 214040      | 214057      | 214065      |
| ## | 0.405328087 | 0.113346506 | 0.120545693 | 0.444767950 | 0.073355895 | 0.049776255 |
| ## | 214073      | 214079      | 214084      | 214090      | 214095      | 214102      |
| ## | 0.030948526 | 0.277332233 | 0.026500233 | 0.026500233 | 0.338961707 | 0.045332225 |
| ## | 214108      | 214114      | 214117      | 214120      | 214122      | 214138      |
| ## | 0.102543554 | 0.044210095 | 0.135664341 | 0.133678173 | 0.058468268 | 0.473554447 |
| ## | 214146      | 214154      | 214158      | 214159      | 214160      | 214162      |
| ## | 0.136377415 | 0.133917981 | 0.136377415 | 0.154880494 | 0.152939735 | 0.062300462 |
| ## | 214167      | 214168      | 214169      | 214173      | 214176      | 214183      |
| ## | 0.102434907 | 0.254015697 | 0.246972964 | 0.061265514 | 0.082539016 | 0.073560423 |
| ## | 214185      | 214194      | 214195      | 214213      | 214217      | 214220      |
| ## | 0.169569008 | 0.152939735 | 0.167744170 | 0.056451818 | 0.062576302 | 0.242470041 |
| ## | 214225      | 214226      | 214227      | 214228      | 214242      | 214244      |
| ## | 0.078455825 | 0.292730357 | 0.303128283 | 0.142117166 | 0.139272318 | 0.057850953 |
| ## | 214248      | 214250      | 214255      | 214256      | 214258      | 214265      |
| ## | 0.060518870 | 0.146695119 | 0.145412592 | 0.164090800 | 0.303128283 | 0.076249809 |
| ## | 214267      | 214268      | 214273      | 214275      | 214289      | 214296      |
| ## | 0.082539016 | 0.082539016 | 0.167744170 | 0.073541658 | 0.323930616 | 0.240068436 |
| ## | 214298      | 214303      | 214308      | 214316      | 214317      | 214319      |
| ## | 0.145927779 | 0.070385968 | 0.437275899 | 0.096956184 | 0.057522588 | 0.330448582 |
| ## | 214322      | 214323      | 214324      | 214330      | 214340      | 214342      |
| ## | 0.086492137 | 0.088858931 | 0.076796447 | 0.124178786 | 0.398127372 | 0.185929712 |
| ## | 214356      | 214359      | 214364      | 214365      | 214376      | 214377      |
| ## | 0.152939735 | 0.219201572 | 0.497937700 | 0.070807145 | 0.089349385 | 0.349747079 |
| ## | 214382      | 214383      | 214387      | 214409      | 214412      | 214431      |
| ## | 0.169569008 | 0.036292327 | 0.089809759 | 0.043695883 | 0.051437463 | 0.188466473 |
| ## | 214435      | 214455      | 214457      | 214467      | 214469      | 214476      |
| ## | 0.107066872 | 0.249288085 | 0.289966302 | 0.258886884 | 0.258886884 | 0.241940823 |
| ## | 214485      | 214494      | 214496      | 214498      | 214500      | 214511      |
| ## | 0.252011163 | 0.285085903 | 0.556846451 | 0.292040525 | 0.292040525 | 0.569504436 |
| ## | 214514      | 214523      | 214524      | 214530      | 214534      | 214537      |
| ## | 0.684844813 | 0.601158489 | 0.571859822 | 0.269608371 | 0.304311383 | 0.292658325 |
| ## | 214562      | 214563      | 214566      | 214568      | 214572      | 214574      |
| ## | 0.100792473 | 0.190408246 | 0.292040525 | 0.284792384 | 0.680087742 | 0.261147746 |

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| ## | 214578      | 214579      | 214581      | 214588      | 214589      | 214594      |
| ## | 0.665823255 | 0.665823255 | 0.559006666 | 0.277388014 | 0.258702929 | 0.648920074 |
| ## | 214601      | 214603      | 214606      | 214607      | 214627      | 214633      |
| ## | 0.498087283 | 0.663975041 | 0.285412930 | 0.686271040 | 0.248859530 | 0.199681378 |
| ## | 214634      | 214639      | 214641      | 214647      | 214649      | 214670      |
| ## | 0.283926845 | 0.145433274 | 0.183508010 | 0.569297640 | 0.285574104 | 0.190755011 |
| ## | 214672      | 214673      | 214681      | 214685      | 214696      | 214701      |
| ## | 0.291851483 | 0.645812020 | 0.660254348 | 0.672487185 | 0.165189098 | 0.183645848 |
| ## | 214702      | 214715      | 214716      | 214720      | 214723      | 214734      |
| ## | 0.263518652 | 0.669562823 | 0.262535361 | 0.241940823 | 0.285085903 | 0.287837758 |
| ## | 214738      | 214739      | 214745      | 214751      | 214761      | 214766      |
| ## | 0.289966302 | 0.291660371 | 0.300512039 | 0.288509729 | 0.296277225 | 0.169514973 |
| ## | 214769      | 214778      | 214802      | 214804      | 214811      | 214812      |
| ## | 0.235909202 | 0.574144010 | 0.699200389 | 0.291660371 | 0.291964699 | 0.295055128 |
| ## | 214816      | 214818      | 214819      | 214820      | 214823      | 214837      |
| ## | 0.301100584 | 0.710994325 | 0.252365906 | 0.252365906 | 0.204284696 | 0.304311383 |
| ## | 214838      | 214858      | 214860      | 214863      | 214864      | 214873      |
| ## | 0.666900515 | 0.171623452 | 0.281480347 | 0.285412930 | 0.283316946 | 0.197747668 |
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| ## | 0.224718270 | 0.256667920 | 0.277388014 | 0.261756627 | 0.258702929 | 0.255855062 |
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| ## | 0.258702929 | 0.208110604 | 0.235526292 | 0.278925066 | 0.283161062 | 0.295600171 |
| ## | 214935      | 214939      | 214940      | 214951      | 214961      | 214962      |
| ## | 0.291326507 | 0.291326507 | 0.291326507 | 0.248859530 | 0.280906528 | 0.246022967 |
| ## | 214968      | 214970      | 214972      | 214986      | 214987      | 214997      |
| ## | 0.647224662 | 0.281346955 | 0.638460378 | 0.152727809 | 0.479942899 | 0.243268878 |
| ## | 214998      | 215007      | 215010      | 215012      | 215014      | 215015      |
| ## | 0.243268878 | 0.288624464 | 0.232267279 | 0.548014641 | 0.179257666 | 0.252365906 |
| ## | 215018      | 215022      | 215049      | 215050      | 215051      | 215063      |
| ## | 0.281346955 | 0.241264452 | 0.301855488 | 0.253053315 | 0.305005511 | 0.255835504 |
| ## | 215068      | 215071      | 215073      | 215077      | 215083      | 215086      |
| ## | 0.285085903 | 0.259277992 | 0.259277992 | 0.279897067 | 0.556846451 | 0.276572330 |
| ## | 215094      | 215099      | 215125      | 215126      | 215127      | 215147      |
| ## | 0.238236954 | 0.238236954 | 0.278106110 | 0.663007400 | 0.574285018 | 0.285565299 |
| ## | 215148      | 215155      | 215160      | 215172      | 215182      | 215202      |
| ## | 0.285565299 | 0.147854781 | 0.293179319 | 0.307475748 | 0.238606242 | 0.299685447 |
| ## | 215203      | 215218      | 215222      | 215230      | 215236      | 215241      |
| ## | 0.299685447 | 0.274113793 | 0.282740712 | 0.285412930 | 0.277638290 | 0.203840081 |
| ## | 215246      | 215247      | 215258      | 215264      | 215265      | 215270      |
| ## | 0.694760774 | 0.694760774 | 0.289912021 | 0.291326507 | 0.291326507 | 0.565323155 |
| ## | 215275      | 215277      | 215280      | 215283      | 215285      | 215292      |
| ## | 0.287924436 | 0.146260633 | 0.629547220 | 0.144937184 | 0.129204200 | 0.188288310 |
| ## | 215293      | 215298      | 215304      | 215308      | 215310      | 215320      |
| ## | 0.556612325 | 0.278925066 | 0.152727809 | 0.152727809 | 0.154666371 | 0.625605956 |
| ## | 215321      | 215325      | 215326      | 215335      | 215337      | 215348      |
| ## | 0.621383234 | 0.283926845 | 0.283926845 | 0.281346955 | 0.296203294 | 0.658510011 |
| ## | 215357      | 215371      | 215381      | 215383      | 215405      | 215409      |
| ## | 0.649519277 | 0.169495119 | 0.301100584 | 0.296277225 | 0.176131422 | 0.243816340 |
| ## | 215413      | 215417      | 215421      | 215422      | 215424      | 215425      |
| ## | 0.272739096 | 0.550723192 | 0.276572330 | 0.273600356 | 0.201872744 | 0.305005511 |
| ## | 215432      | 215446      | 215450      | 215455      | 215462      | 215468      |
| ## | 0.257146140 | 0.284792384 | 0.289966302 | 0.278106110 | 0.295055128 | 0.288509729 |
| ## | 215471      | 215475      | 215485      | 215496      | 215505      | 215508      |
| ## | 0.258282344 | 0.133327727 | 0.289429682 | 0.285412930 | 0.252723497 | 0.263964883 |

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| ## | 215511      | 215513      | 215514      | 215515      | 215519      | 215533      |
| ## | 0.681816292 | 0.255855062 | 0.258702929 | 0.193794972 | 0.278925066 | 0.285085903 |
| ## | 215537      | 215539      | 215549      | 215556      | 215559      | 215570      |
| ## | 0.099661353 | 0.251648627 | 0.289912021 | 0.256667920 | 0.201384794 | 0.691359068 |
| ## | 215573      | 215577      | 215579      | 215583      | 215588      | 215589      |
| ## | 0.209702241 | 0.479441137 | 0.283926845 | 0.128841292 | 0.269506288 | 0.670088396 |
| ## | 215591      | 215598      | 215599      | 215612      | 215614      | 215628      |
| ## | 0.675195926 | 0.294251249 | 0.249909028 | 0.666300169 | 0.285085903 | 0.195625568 |
| ## | 215632      | 215633      | 215634      | 215640      | 215642      | 215644      |
| ## | 0.303654141 | 0.285565299 | 0.684844813 | 0.249564314 | 0.295753030 | 0.289429682 |
| ## | 215647      | 215650      | 215657      | 215661      | 215663      | 215667      |
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| ## | 215673      | 215680      | 215681      | 215691      | 215694      | 215698      |
| ## | 0.665823255 | 0.129204200 | 0.129204200 | 0.661459536 | 0.257968707 | 0.292989714 |
| ## | 215706      | 215722      | 215726      | 215732      | 215744      | 215747      |
| ## | 0.291326507 | 0.248859530 | 0.641962297 | 0.243214797 | 0.194678457 | 0.279897067 |
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| ## | 0.305005511 | 0.266421280 | 0.273600356 | 0.212936035 | 0.254656292 | 0.247967374 |
| ## | 215812      | 215815      | 215817      | 215823      | 215827      | 215841      |
| ## | 0.291660371 | 0.191594126 | 0.278106110 | 0.285565299 | 0.209366815 | 0.261147746 |
| ## | 215845      | 215848      | 215854      | 215856      | 215861      | 215865      |
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| ## | 215867      | 215873      | 215876      | 215880      | 215881      | 215882      |
| ## | 0.077746839 | 0.185563886 | 0.185563886 | 0.487191005 | 0.047560195 | 0.064470583 |
| ## | 215883      | 215894      | 215895      | 215904      | 215912      | 215914      |
| ## | 0.331157603 | 0.147585031 | 0.063078130 | 0.155539531 | 0.272835577 | 0.269888777 |
| ## | 215924      | 215927      | 215929      | 215930      | 215941      | 215947      |
| ## | 0.155539531 | 0.155539531 | 0.155539531 | 0.269888777 | 0.158736619 | 0.155539531 |
| ## | 215949      | 215954      | 215958      | 215963      | 215971      | 215976      |
| ## | 0.499581703 | 0.272835577 | 0.529010087 | 0.163258749 | 0.163594889 | 0.165644419 |
| ## | 215980      | 215995      | 216000      | 216006      | 216011      | 216012      |
| ## | 0.507951011 | 0.165644419 | 0.269888777 | 0.160736981 | 0.156695978 | 0.150715601 |
| ## | 216017      | 216020      | 216021      | 216025      | 216029      | 216036      |
| ## | 0.658337575 | 0.269888777 | 0.669575751 | 0.502413933 | 0.163594889 | 0.276426381 |
| ## | 216038      | 216042      | 216051      | 216059      | 216061      | 216063      |
| ## | 0.096820020 | 0.155539531 | 0.269888777 | 0.125676010 | 0.269888777 | 0.155539531 |
| ## | 216072      | 216074      | 216075      | 216079      | 216082      | 216084      |
| ## | 0.556267892 | 0.138876621 | 0.452256241 | 0.307746916 | 0.251079371 | 0.309830341 |
| ## | 216087      | 216089      | 216091      | 216102      | 216114      | 216119      |
| ## | 0.309830341 | 0.248701844 | 0.633098773 | 0.204504911 | 0.780569055 | 0.780569055 |
| ## | 216124      | 216130      | 216134      | 216136      | 216150      | 216151      |
| ## | 0.780569055 | 0.307746916 | 0.307746916 | 0.688391905 | 0.257172145 | 0.593970470 |
| ## | 216160      | 216175      | 216178      | 216179      | 216191      | 216210      |
| ## | 0.635867155 | 0.780569055 | 0.124106465 | 0.257172145 | 0.154866312 | 0.572659188 |
| ## | 216221      | 216224      | 216247      | 216250      | 216252      | 216257      |
| ## | 0.413575482 | 0.204504911 | 0.691579857 | 0.698551079 | 0.142621023 | 0.156826993 |
| ## | 216261      | 216263      | 216272      | 216273      | 216289      | 216290      |
| ## | 0.154943780 | 0.613908193 | 0.409965601 | 0.780569055 | 0.151485644 | 0.460332531 |
| ## | 216311      | 216316      | 216318      | 216322      | 216323      | 216324      |
| ## | 0.126605277 | 0.413575482 | 0.413575482 | 0.786150822 | 0.257172145 | 0.413575482 |
| ## | 216327      | 216330      | 216336      | 216346      | 216348      | 216357      |
| ## | 0.780569055 | 0.792753957 | 0.780569055 | 0.792753957 | 0.647828207 | 0.135383473 |

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| ## | 216359      | 216360      | 216361      | 216365      | 216367      | 216374      |
| ## | 0.229694909 | 0.155124236 | 0.452256241 | 0.653251725 | 0.266690034 | 0.612535333 |
| ## | 216377      | 216378      | 216382      | 216393      | 216396      | 216411      |
| ## | 0.253920706 | 0.152885519 | 0.780569055 | 0.780569055 | 0.780569055 | 0.780569055 |
| ## | 216413      | 216414      | 216415      | 216419      | 216421      | 216431      |
| ## | 0.257172145 | 0.409965601 | 0.413575482 | 0.780569055 | 0.780569055 | 0.635867155 |
| ## | 216439      | 216442      | 216448      | 216450      | 216451      | 216452      |
| ## | 0.257172145 | 0.786150822 | 0.409965601 | 0.257172145 | 0.257172145 | 0.413575482 |
| ## | 216453      | 216457      | 216459      | 216471      | 216474      | 216475      |
| ## | 0.780569055 | 0.413575482 | 0.780569055 | 0.786150822 | 0.257172145 | 0.409965601 |
| ## | 216477      | 216479      | 216481      | 216497      | 216499      | 216500      |
| ## | 0.409965601 | 0.792753957 | 0.792753957 | 0.640288009 | 0.123817225 | 0.218653318 |
| ## | 216508      | 216511      | 216515      | 216522      | 216523      | 216527      |
| ## | 0.178025686 | 0.241579875 | 0.113093817 | 0.660319781 | 0.091569964 | 0.113093817 |
| ## | 216541      | 216542      | 216549      | 216552      | 216561      | 216568      |
| ## | 0.130657281 | 0.116221195 | 0.139268585 | 0.529708108 | 0.092207254 | 0.214806576 |
| ## | 216572      | 216573      | 216587      | 216590      | 216592      | 216594      |
| ## | 0.148915008 | 0.174763654 | 0.119960616 | 0.188359098 | 0.071011000 | 0.119960616 |
| ## | 216599      | 216616      | 216617      | 216627      | 216631      | 216634      |
| ## | 0.093958335 | 0.172270173 | 0.093958335 | 0.399135176 | 0.265442324 | 0.073708682 |
| ## | 216639      | 216640      | 216642      | 216643      | 216648      | 216651      |
| ## | 0.119960616 | 0.217330981 | 0.214806576 | 0.039709751 | 0.072024160 | 0.365364910 |
| ## | 216653      | 216665      | 216668      | 216670      | 216673      | 216677      |
| ## | 0.096121495 | 0.073445921 | 0.084803594 | 0.167486557 | 0.080098981 | 0.543871827 |
| ## | 216691      | 216694      | 216696      | 216704      | 216715      | 216717      |
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| ## | 216732      | 216738      | 216739      | 216740      | 216741      | 216742      |
| ## | 0.119960616 | 0.488029462 | 0.488029462 | 0.074870096 | 0.074870096 | 0.074870096 |
| ## | 216743      | 216745      | 216759      | 216760      | 216764      | 216767      |
| ## | 0.074870096 | 0.340024500 | 0.074870096 | 0.093958335 | 0.217330981 | 0.214806576 |
| ## | 216770      | 216771      | 216777      | 216793      | 216796      | 216798      |
| ## | 0.150011489 | 0.066858230 | 0.070265958 | 0.296692489 | 0.313697412 | 0.074316623 |
| ## | 216801      | 216803      | 216806      | 216813      | 216822      | 216824      |
| ## | 0.214806576 | 0.119960616 | 0.217330981 | 0.178944621 | 0.114077383 | 0.091514163 |
| ## | 216825      | 216826      | 216830      | 216834      | 216843      | 216849      |
| ## | 0.347669209 | 0.077983139 | 0.094763624 | 0.217330981 | 0.300669263 | 0.080673301 |
| ## | 216850      | 216851      | 216855      | 216864      | 216865      | 216867      |
| ## | 0.178650980 | 0.041588102 | 0.093958335 | 0.362442176 | 0.405371195 | 0.074870096 |
| ## | 216870      | 216880      | 216889      | 216891      | 216902      | 216906      |
| ## | 0.074870096 | 0.093958335 | 0.172270173 | 0.074870096 | 0.074870096 | 0.172270173 |
| ## | 216908      | 216917      | 216923      | 216924      | 216933      | 216938      |
| ## | 0.172270173 | 0.172624636 | 0.074870096 | 0.172270173 | 0.074870096 | 0.104733406 |
| ## | 216940      | 216941      | 216943      | 216951      | 216959      | 216968      |
| ## | 0.173137890 | 0.173137890 | 0.098167157 | 0.094512480 | 0.119960616 | 0.164378883 |
| ## | 216970      | 216974      | 216990      | 216993      | 216995      | 216997      |
| ## | 0.338154166 | 0.074870096 | 0.176765391 | 0.297183847 | 0.336853691 | 0.338024616 |
| ## | 217004      | 217008      | 217013      | 217017      | 217020      | 217023      |
| ## | 0.172270173 | 0.096150437 | 0.543871827 | 0.100389279 | 0.152515075 | 0.164977053 |
| ## | 217024      | 217026      | 217030      | 217035      | 217041      | 217050      |
| ## | 0.217062311 | 0.214806576 | 0.061529008 | 0.083713780 | 0.410184568 | 0.137244647 |
| ## | 217054      | 217055      | 217059      | 217062      | 217065      | 217066      |
| ## | 0.137244647 | 0.081760890 | 0.139018928 | 0.073442239 | 0.030680681 | 0.111924131 |
| ## | 217067      | 217072      | 217078      | 217080      | 217084      | 217088      |
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| ## | 217092      | 217095      | 217099      | 217104      | 217110      | 217111      |
| ## | 0.055122041 | 0.290123068 | 0.052898908 | 0.652938765 | 0.231794170 | 0.125668488 |
| ## | 217112      | 217117      | 217119      | 217120      | 217123      | 217130      |
| ## | 0.117806853 | 0.149175869 | 0.205564948 | 0.224792442 | 0.217518918 | 0.274520859 |
| ## | 217131      | 217135      | 217143      | 217147      | 217152      | 217157      |
| ## | 0.128267813 | 0.099043915 | 0.274520859 | 0.108871500 | 0.203141739 | 0.294973625 |
| ## | 217162      | 217163      | 217166      | 217168      | 217179      | 217180      |
| ## | 0.174280754 | 0.052132307 | 0.265202849 | 0.174280754 | 0.130695987 | 0.382404387 |
| ## | 217185      | 217187      | 217193      | 217196      | 217200      | 217223      |
| ## | 0.171267687 | 0.095961183 | 0.171267687 | 0.063826263 | 0.128902557 | 0.277499013 |
| ## | 217242      | 217243      | 217248      | 217250      | 217253      | 217255      |
| ## | 0.111703155 | 0.383201866 | 0.128267813 | 0.417953432 | 0.259093862 | 0.128267813 |
| ## | 217259      | 217261      | 217266      | 217270      | 217271      | 217283      |
| ## | 0.119703560 | 0.437095131 | 0.138881007 | 0.138881007 | 0.703124726 | 0.242745564 |
| ## | 217287      | 217292      | 217300      | 217311      | 217320      | 217322      |
| ## | 0.128267813 | 0.123071898 | 0.356211193 | 0.231794170 | 0.074616002 | 0.495616079 |
| ## | 217323      | 217324      | 217325      | 217329      | 217332      | 217334      |
| ## | 0.274520859 | 0.239073899 | 0.161704586 | 0.138881007 | 0.238479600 | 0.128469913 |
| ## | 217343      | 217357      | 217361      | 217371      | 217372      | 217373      |
| ## | 0.159393007 | 0.296263503 | 0.138881007 | 0.161704586 | 0.138881007 | 0.456725142 |
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| ## | 0.274520859 | 0.166685801 | 0.139029271 | 0.293165680 | 0.293165680 | 0.106173529 |
| ## | 217399      | 217401      | 217402      | 217405      | 217410      | 217412      |
| ## | 0.143240563 | 0.190847104 | 0.324536621 | 0.190847104 | 0.714650941 | 0.714650941 |
| ## | 217417      | 217419      | 217420      | 217423      | 217424      | 217433      |
| ## | 0.219813283 | 0.093118324 | 0.544297133 | 0.075847916 | 0.082054885 | 0.213063902 |
| ## | 217436      | 217443      | 217453      | 217454      | 217455      | 217457      |
| ## | 0.099622847 | 0.714650941 | 0.184322919 | 0.184322919 | 0.184322919 | 0.707896352 |
| ## | 217460      | 217461      | 217465      | 217468      | 217473      | 217478      |
| ## | 0.324536621 | 0.321278131 | 0.324536621 | 0.207109146 | 0.561264325 | 0.126912542 |
| ## | 217491      | 217493      | 217510      | 217514      | 217521      | 217530      |
| ## | 0.052885180 | 0.061295618 | 0.245884244 | 0.143547060 | 0.138571003 | 0.138571003 |
| ## | 217534      | 217538      | 217544      | 217545      | 217546      | 217558      |
| ## | 0.138571003 | 0.128298039 | 0.105797902 | 0.064218904 | 0.151223628 | 0.138571003 |
| ## | 217561      | 217563      | 217565      | 217576      | 217577      | 217578      |
| ## | 0.055671162 | 0.095928478 | 0.151919668 | 0.141781413 | 0.076055873 | 0.137586888 |
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| ## | 0.128015798 | 0.079261925 | 0.117789921 | 0.084603511 | 0.069028750 | 0.060697722 |
| ## | 217653      | 217654      | 217656      | 217657      | 217659      | 217662      |
| ## | 0.062951911 | 0.156148518 | 0.144269084 | 0.076435704 | 0.116919580 | 0.078745192 |
| ## | 217674      | 217696      | 217713      | 217724      | 217726      | 217727      |
| ## | 0.051420674 | 0.084417946 | 0.101139480 | 0.219353220 | 0.221915956 | 0.219353220 |
| ## | 217731      | 217736      | 217739      | 217740      | 217743      | 217745      |
| ## | 0.116065660 | 0.077814380 | 0.099792615 | 0.221915956 | 0.122813731 | 0.221915956 |
| ## | 217754      | 217764      | 217773      | 217774      | 217775      | 217778      |
| ## | 0.142715148 | 0.088154015 | 0.165237071 | 0.457477160 | 0.157811455 | 0.129534926 |
| ## | 217779      | 217795      | 217797      | 217802      | 217812      | 217814      |
| ## | 0.229972581 | 0.126107830 | 0.061284645 | 0.147098621 | 0.177254405 | 0.224573771 |
| ## | 217817      | 217823      | 217824      | 217828      | 217847      | 217849      |
| ## | 0.229972581 | 0.152781303 | 0.054063565 | 0.215121261 | 0.102136500 | 0.224573771 |
| ## | 217862      | 217868      | 217869      | 217876      | 217878      | 217882      |
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| ## | 217883      | 217890      | 217903      | 217905      | 217907      | 217912      |
| ## | 0.077964892 | 0.146939447 | 0.083523995 | 0.042398619 | 0.086584264 | 0.271177164 |
| ## | 217913      | 217920      | 217930      | 217942      | 217947      | 217955      |
| ## | 0.155095426 | 0.039653745 | 0.136425845 | 0.144084138 | 0.102136500 | 0.082446415 |
| ## | 217956      | 217958      | 217968      | 217973      | 217981      | 217985      |
| ## | 0.154720420 | 0.150833159 | 0.229972581 | 0.232622414 | 0.092642981 | 0.229972581 |
| ## | 217986      | 218001      | 218004      | 218019      | 218020      | 218021      |
| ## | 0.229972581 | 0.064428653 | 0.127696804 | 0.129534926 | 0.229972581 | 0.229972581 |
| ## | 218029      | 218034      | 218035      | 218036      | 218040      | 218043      |
| ## | 0.154623251 | 0.035549588 | 0.155100921 | 0.155100921 | 0.053366064 | 0.051561743 |
| ## | 218044      | 218045      | 218046      | 218049      | 218057      | 218058      |
| ## | 0.095020885 | 0.049716371 | 0.096310237 | 0.074920221 | 0.133588119 | 0.146929255 |
| ## | 218059      | 218060      | 218062      | 218063      | 218069      | 218071      |
| ## | 0.167338646 | 0.178594615 | 0.062849702 | 0.073769725 | 0.130842104 | 0.232023146 |
| ## | 218074      | 218080      | 218087      | 218092      | 218095      | 218097      |
| ## | 0.232023146 | 0.130842104 | 0.232023146 | 0.053366064 | 0.126619962 | 0.239551017 |
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| ## | 0.140919062 | 0.071470104 | 0.089775628 | 0.084109002 | 0.161196019 | 0.098500640 |
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| ## | 0.594269100 | 0.221915956 | 0.234689405 | 0.232023146 | 0.096942161 | 0.139372078 |
| ## | 218162      | 218172      | 218178      | 218179      | 218181      | 218189      |
| ## | 0.163849421 | 0.232023146 | 0.130842104 | 0.232023146 | 0.164700586 | 0.224573771 |
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| ## | 0.409745561 | 0.058701289 | 0.189043938 | 0.323870363 | 0.201501392 | 0.103748763 |
| ## | 218219      | 218222      | 218224      | 218230      | 218244      | 218257      |
| ## | 0.081128853 | 0.095808368 | 0.095808368 | 0.135067662 | 0.069028246 | 0.148759302 |
| ## | 218261      | 218265      | 218270      | 218272      | 218277      | 218280      |
| ## | 0.077528923 | 0.535301458 | 0.078277803 | 0.043684602 | 0.046540137 | 0.151391246 |
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| ## | 0.072226119 | 0.077657178 | 0.306847700 | 0.177985466 | 0.058316503 | 0.171873825 |
| ## | 218316      | 218317      | 218320      | 218322      | 218333      | 218334      |
| ## | 0.179252073 | 0.179252073 | 0.072040343 | 0.060750950 | 0.069115448 | 0.090787344 |
| ## | 218342      | 218346      | 218350      | 218354      | 218359      | 218360      |
| ## | 0.179220030 | 0.254496025 | 0.313024398 | 0.306847700 | 0.519956024 | 0.163734980 |
| ## | 218364      | 218368      | 218371      | 218374      | 218377      | 218385      |
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| ## | 0.072291912 | 0.107579033 | 0.544886538 | 0.281087163 | 0.086246750 | 0.067952747 |
| ## | 218424      | 218430      | 218432      | 218436      | 218442      | 218448      |
| ## | 0.171010461 | 0.197264437 | 0.245001693 | 0.030875102 | 0.030875102 | 0.145568846 |
| ## | 218457      | 218459      | 218461      | 218463      | 218467      | 218468      |
| ## | 0.060200797 | 0.194733817 | 0.203272312 | 0.045020936 | 0.243104553 | 0.048160999 |
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| ## | 0.103618335 | 0.173160119 | 0.187726689 | 0.191657687 | 0.141239777 | 0.184420710 |
| ## | 218497      | 218498      | 218517      | 218518      | 218519      | 218520      |
| ## | 0.145243785 | 0.166366991 | 0.155811279 | 0.658486148 | 0.165626722 | 0.669316829 |
| ## | 218528      | 218531      | 218532      | 218541      | 218544      | 218548      |
| ## | 0.265779824 | 0.109060066 | 0.275087745 | 0.132857704 | 0.125903362 | 0.125903362 |
| ## | 218555      | 218556      | 218558      | 218564      | 218565      | 218568      |
| ## | 0.255733151 | 0.270296361 | 0.285611326 | 0.252320530 | 0.639649189 | 0.219101874 |
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| ## | 218597      | 218606      | 218612      | 218615      | 218616      | 218617      |
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| ## | 218628      | 218629      | 218630      | 218631      | 218634      | 218638      |
| ## | 0.371764480 | 0.076703712 | 0.118752564 | 0.282639159 | 0.270296361 | 0.311083670 |
| ## | 218645      | 218646      | 218654      | 218658      | 218659      | 218667      |
| ## | 0.281426141 | 0.374536879 | 0.132857704 | 0.285980618 | 0.076703712 | 0.264290230 |
| ## | 218679      | 218685      | 218687      | 218690      | 218695      | 218707      |
| ## | 0.313648023 | 0.311083670 | 0.157413274 | 0.285980618 | 0.288661923 | 0.151064158 |
| ## | 218711      | 218716      | 218719      | 218736      | 218738      | 218741      |
| ## | 0.126863467 | 0.132710021 | 0.266394468 | 0.126863467 | 0.289033563 | 0.273245947 |
| ## | 218744      | 218747      | 218748      | 218749      | 218752      | 218755      |
| ## | 0.119619349 | 0.136928572 | 0.282647337 | 0.282647337 | 0.180430256 | 0.258940436 |
| ## | 218757      | 218759      | 218763      | 218766      | 218772      | 218777      |
| ## | 0.265556227 | 0.280402510 | 0.181921528 | 0.208076909 | 0.640532039 | 0.264442364 |
| ## | 218781      | 218795      | 218803      | 218813      | 218821      | 218827      |
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| ## | 218829      | 218833      | 218840      | 218843      | 218867      | 218869      |
| ## | 0.186221915 | 0.314721417 | 0.314721417 | 0.317944558 | 0.314721417 | 0.151524433 |
| ## | 218878      | 218881      | 218891      | 218892      | 218899      | 218900      |
| ## | 0.151524433 | 0.151524433 | 0.140319981 | 0.140319981 | 0.442794085 | 0.186221915 |
| ## | 218904      | 218906      | 218907      | 218908      | 218918      | 218920      |
| ## | 0.151524433 | 0.151524433 | 0.317944558 | 0.186221915 | 0.314721417 | 0.314721417 |
| ## | 218937      | 218939      | 218945      | 218964      | 218971      | 218973      |
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| ## | 0.135377129 | 0.044876473 | 0.056698595 | 0.254672657 | 0.046744064 | 0.124877038 |
| ## | 219020      | 219028      | 219029      | 219030      | 219032      | 219037      |
| ## | 0.443737631 | 0.029598179 | 0.029598179 | 0.085564324 | 0.074508590 | 0.143869822 |
| ## | 219038      | 219041      | 219042      | 219043      | 219044      | 219045      |
| ## | 0.143379947 | 0.040233681 | 0.068053296 | 0.082140779 | 0.066539217 | 0.062124956 |
| ## | 219046      | 219047      | 219050      | 219051      | 219055      | 219056      |
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| ## | 219057      | 219059      | 219061      | 219063      | 219065      | 219069      |
| ## | 0.251521599 | 0.320916698 | 0.311697447 | 0.310160933 | 0.060992335 | 0.396897556 |
| ## | 219070      | 219076      | 219078      | 219080      | 219097      | 219099      |
| ## | 0.154118737 | 0.276523311 | 0.063082718 | 0.477776719 | 0.030907007 | 0.024635272 |
| ## | 219101      | 219105      | 219109      | 219114      | 219124      | 219127      |
| ## | 0.288038046 | 0.033511355 | 0.275091219 | 0.422804192 | 0.135556025 | 0.068770499 |
| ## | 219136      | 219138      | 219140      | 219141      | 219149      | 219155      |
| ## | 0.036908431 | 0.155654928 | 0.155654928 | 0.047228289 | 0.544135958 | 0.057016653 |
| ## | 219156      | 219181      | 219185      | 219192      | 219200      | 219206      |
| ## | 0.061953506 | 0.093143957 | 0.109449957 | 0.029737663 | 0.257968690 | 0.020109677 |
| ## | 219208      | 219211      | 219212      | 219219      | 219233      | 219234      |
| ## | 0.029737663 | 0.248918699 | 0.109449957 | 0.063650715 | 0.110911105 | 0.074142249 |
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| ## | 219306      | 219312      | 219320      | 219321      | 219322      | 219325      |
| ## | 0.118898497 | 0.117346011 | 0.118898497 | 0.110911105 | 0.062127960 | 0.062127960 |
| ## | 219331      | 219337      | 219338      | 219339      | 219340      | 219348      |
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| ## | 219400      | 219401      | 219407      | 219408      | 219415      | 219428      |
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| ## | 219430      | 219431      | 219434      | 219439      | 219443      | 219452      |
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| ## | 0.094017276 | 0.084908827 | 0.207025616 | 0.189610691 | 0.103024982 | 0.207025616 |
| ## | 219527      | 219531      | 219532      | 219534      | 219539      | 219542      |
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| ## | 0.313359588 | 0.313359588 | 0.316575225 | 0.185265793 | 0.316575225 | 0.313359588 |
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| ## | 0.313359588 | 0.313359588 | 0.313359588 | 0.316575225 | 0.313359588 | 0.313359588 |
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| ## | 219701      | 219707      | 219708      | 219710      | 219714      | 219718      |
| ## | 0.272172138 | 0.612832570 | 0.508798342 | 0.225905779 | 0.160351763 | 0.329365476 |
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| ## | 219744      | 219746      | 219749      | 219758      | 219760      | 219773      |
| ## | 0.442133877 | 0.333560787 | 0.333560787 | 0.333560787 | 0.322901590 | 0.280845112 |
| ## | 219776      | 219779      | 219780      | 219791      | 219795      | 219808      |
| ## | 0.327250330 | 0.159064565 | 0.474006151 | 0.308775980 | 0.279811721 | 0.307598846 |
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| ## | 0.129420860 | 0.716265282 | 0.479699717 | 0.290456725 | 0.669091518 | 0.516926753 |
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| ## | 0.726479330 | 0.464771945 | 0.464771945 | 0.464771945 | 0.464771945 | 0.308487711 |
| ## | 219981      | 219982      | 220002      | 220003      | 220007      | 220020      |
| ## | 0.140523954 | 0.459246925 | 0.459246925 | 0.462950269 | 0.200060894 | 0.459246925 |
| ## | 220021      | 220026      | 220027      | 220032      | 220037      | 220041      |
| ## | 0.462950269 | 0.419431555 | 0.371215499 | 0.182493381 | 0.688228816 | 0.331385937 |
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| ## | 0.459246925 | 0.297342316 | 0.715556492 | 0.792634275 | 0.297342316 | 0.459246925 |
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| ## | 0.459246925 | 0.462950269 | 0.714415278 | 0.462950269 | 0.239096406 | 0.459246925 |
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| ## | 0.462950269 | 0.239096406 | 0.823804499 | 0.462950269 | 0.297342316 | 0.462950269 |
| ## | 220186      | 220208      | 220225      | 220229      | 220233      | 220242      |
| ## | 0.459246925 | 0.371215499 | 0.371215499 | 0.371215499 | 0.340414395 | 0.371215499 |
| ## | 220243      | 220249      | 220275      | 220278      | 220283      | 220286      |
| ## | 0.344236464 | 0.732356226 | 0.309398251 | 0.183977750 | 0.200696508 | 0.339795846 |
| ## | 220287      | 220291      | 220293      | 220296      | 220308      | 220309      |
| ## | 0.305386519 | 0.295366169 | 0.305141358 | 0.695963254 | 0.292069946 | 0.699562308 |



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| ## | 220310      | 220315      | 220326      | 220327      | 220328      | 220329      |
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| ## | 220330      | 220332      | 220338      | 220340      | 220350      | 220353      |
| ## | 0.608310508 | 0.704740488 | 0.419431555 | 0.419431555 | 0.264692810 | 0.423065022 |
| ## | 220360      | 220361      | 220364      | 220367      | 220368      | 220380      |
| ## | 0.419431555 | 0.297342316 | 0.419431555 | 0.264692810 | 0.459246925 | 0.297342316 |
| ## | 220383      | 220388      | 220389      | 220390      | 220394      | 220395      |
| ## | 0.462950269 | 0.459246925 | 0.419431555 | 0.817963505 | 0.419431555 | 0.798732571 |
| ## | 220397      | 220407      | 220416      | 220419      | 220423      | 220424      |
| ## | 0.459246925 | 0.459246925 | 0.297342316 | 0.462950269 | 0.419431555 | 0.297342316 |
| ## | 220426      | 220429      | 220433      | 220446      | 220447      | 220456      |
| ## | 0.817963505 | 0.297342316 | 0.419431555 | 0.462950269 | 0.459246925 | 0.459246925 |
| ## | 220468      | 220470      | 220473      | 220474      | 220477      | 220480      |
| ## | 0.374700856 | 0.227300570 | 0.297342316 | 0.371215499 | 0.297342316 | 0.459246925 |
| ## | 220485      | 220486      | 220487      | 220498      | 220501      | 220504      |
| ## | 0.297342316 | 0.227300570 | 0.462950269 | 0.174143854 | 0.462950269 | 0.371215499 |
| ## | 220515      | 220517      | 220527      | 220530      | 220536      | 220538      |
| ## | 0.462950269 | 0.817963505 | 0.374700856 | 0.462950269 | 0.764715409 | 0.757492209 |
| ## | 220546      | 220557      | 220561      | 220562      | 220566      | 220567      |
| ## | 0.462950269 | 0.754743943 | 0.462950269 | 0.817963505 | 0.459246925 | 0.754743943 |
| ## | 220569      | 220575      | 220576      | 220583      | 220587      | 220594      |
| ## | 0.239096406 | 0.297342316 | 0.462950269 | 0.297342316 | 0.754743943 | 0.754743943 |
| ## | 220599      | 220601      | 220616      | 220633      | 220635      | 220638      |
| ## | 0.459246925 | 0.297342316 | 0.459246925 | 0.239096406 | 0.297342316 | 0.462950269 |
| ## | 220640      | 220641      | 220642      | 220645      | 220651      | 220655      |
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| ## | 220656      | 220662      | 220669      | 220670      | 220673      | 220684      |
| ## | 0.297342316 | 0.297342316 | 0.462950269 | 0.823804499 | 0.817963505 | 0.462950269 |
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| ## | 0.285570939 | 0.222251941 | 0.222251941 | 0.191915262 | 0.287473796 | 0.301172951 |
| ## | 220758      | 220778      | 220779      | 220780      | 220783      | 220784      |
| ## | 0.176307507 | 0.697996110 | 0.315969905 | 0.717307336 | 0.705844703 | 0.304023347 |
| ## | 220789      | 220791      | 220808      | 220810      | 220813      | 220822      |
| ## | 0.339417689 | 0.677565039 | 0.308828425 | 0.294473922 | 0.206363736 | 0.302865552 |
| ## | 220826      | 220827      | 220835      | 220837      | 220845      | 220847      |
| ## | 0.239384261 | 0.295325750 | 0.317331422 | 0.317331422 | 0.220028938 | 0.220028938 |
| ## | 220848      | 220855      | 220859      | 220862      | 220863      | 220865      |
| ## | 0.336460464 | 0.547879457 | 0.200060894 | 0.334188196 | 0.337512511 | 0.671865856 |
| ## | 220870      | 220876      | 220880      | 220884      | 220885      | 220886      |
| ## | 0.304289571 | 0.303726888 | 0.310581987 | 0.326051518 | 0.335786579 | 0.325639885 |
| ## | 220887      | 220892      | 220893      | 220898      | 220904      | 220905      |
| ## | 0.155605414 | 0.154213388 | 0.724910929 | 0.126873528 | 0.192543968 | 0.704279427 |
| ## | 220908      | 220914      | 220916      | 220920      | 220936      | 220938      |
| ## | 0.720878215 | 0.346470005 | 0.704279427 | 0.315084556 | 0.739103518 | 0.168686433 |
| ## | 220939      | 220945      | 220949      | 220952      | 220957      | 220964      |
| ## | 0.346470005 | 0.168686433 | 0.168686433 | 0.289388779 | 0.206507574 | 0.343103157 |
| ## | 220972      | 220978      | 220979      | 220995      | 221003      | 221010      |
| ## | 0.297500296 | 0.292463204 | 0.346470005 | 0.343103157 | 0.206507574 | 0.312941902 |
| ## | 221013      | 221014      | 221027      | 221029      | 221034      | 221035      |
| ## | 0.309275500 | 0.703177841 | 0.686485484 | 0.321542800 | 0.345152849 | 0.307453809 |
| ## | 221037      | 221039      | 221046      | 221048      | 221053      | 221054      |
| ## | 0.345152849 | 0.307453809 | 0.345152849 | 0.345152849 | 0.708661945 | 0.303072421 |
| ## | 221055      | 221061      | 221066      | 221067      | 221069      | 221077      |
| ## | 0.720596951 | 0.300501836 | 0.285051280 | 0.300501836 | 0.174160374 | 0.710635621 |

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| ## | 221079      | 221081      | 221084      | 221090      | 221091      | 221098      |
| ## | 0.282009117 | 0.272666091 | 0.275671854 | 0.234414786 | 0.204893430 | 0.330115059 |
| ## | 221100      | 221104      | 221105      | 221113      | 221120      | 221123      |
| ## | 0.154213388 | 0.419431555 | 0.419431555 | 0.205112758 | 0.419431555 | 0.423065022 |
| ## | 221132      | 221133      | 221150      | 221151      | 221152      | 221153      |
| ## | 0.297342316 | 0.419431555 | 0.419431555 | 0.419431555 | 0.423065022 | 0.419431555 |
| ## | 221156      | 221159      | 221164      | 221171      | 221184      | 221187      |
| ## | 0.329657895 | 0.264692810 | 0.462950269 | 0.232739285 | 0.462950269 | 0.459246925 |
| ## | 221190      | 221193      | 221198      | 221201      | 221204      | 221221      |
| ## | 0.297342316 | 0.462950269 | 0.371215499 | 0.374700856 | 0.297342316 | 0.342905291 |
| ## | 221242      | 221243      | 221246      | 221247      | 221248      | 221249      |
| ## | 0.754743943 | 0.728470722 | 0.629750667 | 0.243269384 | 0.371215499 | 0.371215499 |
| ## | 221251      | 221252      | 221254      | 221259      | 221264      | 221268      |
| ## | 0.371215499 | 0.371215499 | 0.371215499 | 0.304919023 | 0.698060413 | 0.688848329 |
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| ## | 221291      | 221304      | 221305      | 221307      | 221312      | 221313      |
| ## | 0.314015662 | 0.738388350 | 0.303690753 | 0.303690753 | 0.334188196 | 0.174244272 |
| ## | 221315      | 221318      | 221319      | 221321      | 221322      | 221331      |
| ## | 0.168686433 | 0.289388779 | 0.168686433 | 0.292463204 | 0.168686433 | 0.308310528 |
| ## | 221333      | 221339      | 221347      | 221361      | 221374      | 221376      |
| ## | 0.287739408 | 0.271134274 | 0.292069946 | 0.271405486 | 0.319972586 | 0.272940234 |
| ## | 221377      | 221381      | 221392      | 221403      | 221405      | 221413      |
| ## | 0.187640891 | 0.336028959 | 0.304023347 | 0.462950269 | 0.239096406 | 0.297342316 |
| ## | 221415      | 221422      | 221427      | 221431      | 221437      | 221438      |
| ## | 0.149915107 | 0.456280334 | 0.137901132 | 0.118749169 | 0.293441496 | 0.139040222 |
| ## | 221458      | 221468      | 221478      | 221487      | 221495      | 221497      |
| ## | 0.183009709 | 0.585588520 | 0.207043838 | 0.185193221 | 0.058532116 | 0.074049965 |
| ## | 221504      | 221516      | 221519      | 221521      | 221523      | 221526      |
| ## | 0.125517642 | 0.085924929 | 0.193542971 | 0.081203367 | 0.185193221 | 0.125517642 |
| ## | 221530      | 221536      | 221541      | 221545      | 221547      | 221551      |
| ## | 0.182941070 | 0.192401910 | 0.106959843 | 0.082269193 | 0.223640690 | 0.192300134 |
| ## | 221562      | 221564      | 221566      | 221567      | 221584      | 221586      |
| ## | 0.169098795 | 0.104564730 | 0.100366569 | 0.182941070 | 0.174217830 | 0.185193221 |
| ## | 221590      | 221597      | 221602      | 221609      | 221611      | 221618      |
| ## | 0.333169358 | 0.257408361 | 0.100730734 | 0.127633385 | 0.168947290 | 0.140715951 |
| ## | 221621      | 221640      | 221642      | 221653      | 221656      | 221666      |
| ## | 0.073828589 | 0.187345646 | 0.550463620 | 0.187452693 | 0.223640690 | 0.100366569 |
| ## | 221670      | 221683      | 221687      | 221698      | 221700      | 221704      |
| ## | 0.182941070 | 0.327603922 | 0.112410709 | 0.182941070 | 0.075440909 | 0.059866037 |
| ## | 221714      | 221720      | 221730      | 221743      | 221746      | 221755      |
| ## | 0.223640690 | 0.100081445 | 0.273384997 | 0.076457940 | 0.103788109 | 0.296307517 |
| ## | 221759      | 221762      | 221774      | 221776      | 221784      | 221787      |
| ## | 0.157184432 | 0.184715132 | 0.080864193 | 0.172755788 | 0.155903750 | 0.173942084 |
| ## | 221789      | 221791      | 221805      | 221811      | 221812      | 221821      |
| ## | 0.330467033 | 0.096823386 | 0.077202690 | 0.096823386 | 0.096823386 | 0.096823386 |
| ## | 221824      | 221832      | 221836      | 221837      | 221838      | 221841      |
| ## | 0.177056522 | 0.096823386 | 0.096823386 | 0.096823386 | 0.096823386 | 0.096823386 |
| ## | 221844      | 221849      | 221850      | 221855      | 221866      | 221871      |
| ## | 0.177056522 | 0.096823386 | 0.096823386 | 0.060103976 | 0.154947870 | 0.061190261 |
| ## | 221875      | 221891      | 221893      | 221901      | 221906      | 221910      |
| ## | 0.139740357 | 0.511077651 | 0.160146835 | 0.331221532 | 0.069029556 | 0.160146835 |
| ## | 221921      | 221923      | 221924      | 221926      | 221938      | 221939      |
| ## | 0.165293662 | 0.165293662 | 0.165293662 | 0.057815372 | 0.437196275 | 0.068170050 |

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| ## | 221951      | 221959      | 221963      | 221967      | 221974      | 221991      |
| ## | 0.074878436 | 0.162515010 | 0.502862123 | 0.152465720 | 0.082973798 | 0.147635410 |
| ## | 222003      | 222007      | 222008      | 222010      | 222014      | 222017      |
| ## | 0.185654293 | 0.102008017 | 0.187918093 | 0.102008017 | 0.158110435 | 0.103474356 |
| ## | 222018      | 222021      | 222022      | 222030      | 222035      | 222067      |
| ## | 0.452940004 | 0.036302447 | 0.035784637 | 0.036302447 | 0.013308480 | 0.167564709 |
| ## | 222068      | 222084      | 222089      | 222097      | 222101      | 222108      |
| ## | 0.036302447 | 0.035784637 | 0.036302447 | 0.018156433 | 0.018156433 | 0.035784637 |
| ## | 222121      | 222122      | 222125      | 222129      | 222130      | 222132      |
| ## | 0.035784637 | 0.035784637 | 0.036302447 | 0.014226042 | 0.014226042 | 0.167564709 |
| ## | 222133      | 222136      | 222141      | 222143      | 222149      | 222150      |
| ## | 0.167256006 | 0.167256006 | 0.167256006 | 0.018156433 | 0.018156433 | 0.013018328 |
| ## | 222161      | 222163      | 222167      | 222173      | 222174      | 222175      |
| ## | 0.167564709 | 0.035784637 | 0.035784637 | 0.018156433 | 0.035784637 | 0.035784637 |
| ## | 222177      | 222186      | 222194      | 222203      | 222206      | 222209      |
| ## | 0.018156433 | 0.035784637 | 0.294204405 | 0.121716915 | 0.087762793 | 0.078349056 |
| ## | 222215      | 222219      | 222222      | 222223      | 222235      | 222238      |
| ## | 0.070544645 | 0.054595308 | 0.141961007 | 0.028425515 | 0.052766541 | 0.053878518 |
| ## | 222240      | 222242      | 222250      | 222251      | 222252      | 222258      |
| ## | 0.053878518 | 0.145743711 | 0.060739354 | 0.035119001 | 0.076159600 | 0.224494417 |
| ## | 222263      | 222266      | 222267      | 222270      | 222277      | 222284      |
| ## | 0.147436593 | 0.121939441 | 0.048041924 | 0.045915291 | 0.322974158 | 0.145743711 |
| ## | 222291      | 222292      | 222297      | 222299      | 222302      | 222306      |
| ## | 0.062214195 | 0.048721379 | 0.090630655 | 0.121381665 | 0.294204405 | 0.057823562 |
| ## | 222312      | 222316      | 222329      | 222330      | 222333      | 222338      |
| ## | 0.053878518 | 0.031711149 | 0.059508799 | 0.025550812 | 0.053878518 | 0.149319830 |
| ## | 222344      | 222346      | 222353      | 222361      | 222372      | 222374      |
| ## | 0.062214195 | 0.129698284 | 0.065228443 | 0.077511631 | 0.030229373 | 0.224245725 |
| ## | 222375      | 222377      | 222379      | 222384      | 222395      | 222396      |
| ## | 0.026719923 | 0.058876384 | 0.314268942 | 0.032962338 | 0.071651228 | 0.295090554 |
| ## | 222398      | 222401      | 222402      | 222404      | 222409      | 222410      |
| ## | 0.295090554 | 0.161833145 | 0.054114286 | 0.080739821 | 0.276661336 | 0.049410477 |
| ## | 222417      | 222426      | 222434      | 222435      | 222437      | 222443      |
| ## | 0.063311380 | 0.050157975 | 0.124012609 | 0.024024576 | 0.113721527 | 0.008428319 |
| ## | 222447      | 222457      | 222465      | 222467      | 222489      | 222507      |
| ## | 0.024024576 | 0.082335919 | 0.200769664 | 0.088988555 | 0.128470900 | 0.099734081 |
| ## | 222508      | 222513      | 222516      | 222524      | 222529      | 222530      |
| ## | 0.113241433 | 0.033597492 | 0.033597492 | 0.106403633 | 0.052260284 | 0.097871461 |
| ## | 222538      | 222542      | 222548      | 222556      | 222561      | 222571      |
| ## | 0.042739786 | 0.123592996 | 0.123592996 | 0.225356058 | 0.193409507 | 0.093376373 |
| ## | 222577      | 222588      | 222591      | 222595      | 222605      | 222610      |
| ## | 0.346648179 | 0.059368150 | 0.059368150 | 0.020794175 | 0.154739994 | 0.184589295 |
| ## | 222612      | 222618      | 222624      | 222626      | 222633      | 222639      |
| ## | 0.074398998 | 0.183701531 | 0.171287182 | 0.187515187 | 0.158866461 | 0.549882168 |
| ## | 222648      | 222651      | 222655      | 222664      | 222666      | 222671      |
| ## | 0.128895004 | 0.156429951 | 0.052899303 | 0.137868289 | 0.084583055 | 0.143701228 |
| ## | 222672      | 222683      | 222684      | 222687      | 222700      | 222701      |
| ## | 0.512012150 | 0.278508705 | 0.035573550 | 0.271754550 | 0.068067927 | 0.160627920 |
| ## | 222706      | 222719      | 222721      | 222726      | 222728      | 222731      |
| ## | 0.041767937 | 0.158131483 | 0.150197047 | 0.108999380 | 0.142751757 | 0.253296838 |
| ## | 222753      | 222757      | 222758      | 222764      | 222766      | 222776      |
| ## | 0.142751757 | 0.142751757 | 0.142751757 | 0.253296838 | 0.142751757 | 0.253296838 |
| ## | 222778      | 222780      | 222785      | 222787      | 222791      | 222797      |
| ## | 0.133230430 | 0.070741844 | 0.072125023 | 0.029600459 | 0.133084344 | 0.165306419 |

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| ## | 222802      | 222804      | 222808      | 222827      | 222848      | 222864      |
| ## | 0.146716537 | 0.131842284 | 0.082893794 | 0.443336659 | 0.146232108 | 0.337867444 |
| ## | 222878      | 222881      | 222885      | 222887      | 222890      | 222895      |
| ## | 0.088792891 | 0.088792891 | 0.088792891 | 0.088792891 | 0.074377068 | 0.032979440 |
| ## | 222904      | 222908      | 222925      | 222929      | 222931      | 222933      |
| ## | 0.072922009 | 0.058315198 | 0.061120802 | 0.219747717 | 0.040288963 | 0.052996309 |
| ## | 222934      | 222941      | 222952      | 222954      | 222958      | 222959      |
| ## | 0.115600632 | 0.115600632 | 0.113705325 | 0.202558219 | 0.090728902 | 0.090728902 |
| ## | 222961      | 222962      | 222967      | 222980      | 222981      | 222985      |
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| ## | 222993      | 223001      | 223005      | 223007      | 223017      | 223019      |
| ## | 0.031722257 | 0.136600342 | 0.067841055 | 0.086199375 | 0.250640266 | 0.114085632 |
| ## | 223025      | 223028      | 223034      | 223036      | 223037      | 223040      |
| ## | 0.233715352 | 0.185136224 | 0.239910723 | 0.134738745 | 0.134738745 | 0.031913557 |
| ## | 223044      | 223055      | 223058      | 223060      | 223064      | 223068      |
| ## | 0.089229371 | 0.250804575 | 0.147688499 | 0.071575800 | 0.350292124 | 0.070020875 |
| ## | 223071      | 223072      | 223073      | 223079      | 223083      | 223094      |
| ## | 0.053706044 | 0.127741217 | 0.054049622 | 0.035375082 | 0.231385548 | 0.220221764 |
| ## | 223102      | 223107      | 223108      | 223116      | 223121      | 223124      |
| ## | 0.152806823 | 0.141048567 | 0.060020894 | 0.075632812 | 0.092181392 | 0.076036319 |
| ## | 223125      | 223126      | 223132      | 223152      | 223153      | 223158      |
| ## | 0.160903628 | 0.024245536 | 0.090080478 | 0.078639721 | 0.466334677 | 0.158063418 |
| ## | 223160      | 223162      | 223166      | 223171      | 223180      | 223181      |
| ## | 0.141048567 | 0.127363833 | 0.071792926 | 0.060574025 | 0.048009244 | 0.036095787 |
| ## | 223185      | 223191      | 223192      | 223193      | 223194      | 223208      |
| ## | 0.036637699 | 0.065106847 | 0.122626302 | 0.093014778 | 0.218825317 | 0.173808968 |
| ## | 223213      | 223214      | 223234      | 223240      | 223250      | 223270      |
| ## | 0.091908579 | 0.048009244 | 0.048009244 | 0.048009244 | 0.327855233 | 0.313084644 |
| ## | 223272      | 223274      | 223278      | 223285      | 223286      | 223289      |
| ## | 0.074555900 | 0.074555900 | 0.178171458 | 0.227487343 | 0.218825317 | 0.156346310 |
| ## | 223298      | 223321      | 223327      | 223343      | 223345      | 223348      |
| ## | 0.049366541 | 0.255495332 | 0.126213332 | 0.221292571 | 0.090089972 | 0.223942047 |
| ## | 223354      | 223356      | 223367      | 223369      | 223376      | 223389      |
| ## | 0.360132648 | 0.314355939 | 0.363612549 | 0.095494990 | 0.354977116 | 0.388953488 |
| ## | 223395      | 223397      | 223400      | 223405      | 223406      | 223411      |
| ## | 0.146024755 | 0.117733373 | 0.258340585 | 0.150719720 | 0.244882439 | 0.214274833 |
| ## | 223425      | 223426      | 223433      | 223440      | 223451      | 223456      |
| ## | 0.255495332 | 0.117733373 | 0.146024755 | 0.146024755 | 0.098567171 | 0.117733373 |
| ## | 223462      | 223464      | 223467      | 223471      | 223472      | 223476      |
| ## | 0.199179733 | 0.090067606 | 0.419341681 | 0.255495332 | 0.146024755 | 0.175234037 |
| ## | 223492      | 223495      | 223503      | 223505      | 223513      | 223521      |
| ## | 0.294805021 | 0.096273344 | 0.215045072 | 0.217571503 | 0.221383094 | 0.177675256 |
| ## | 223523      | 223524      | 223526      | 223527      | 223531      | 223535      |
| ## | 0.240087257 | 0.247410197 | 0.222045314 | 0.105336340 | 0.297275075 | 0.057324054 |
| ## | 223537      | 223538      | 223540      | 223548      | 223566      | 223581      |
| ## | 0.228956864 | 0.204646492 | 0.063962742 | 0.219481505 | 0.117733373 | 0.240686281 |
| ## | 223584      | 223586      | 223593      | 223600      | 223602      | 223603      |
| ## | 0.330958309 | 0.103120245 | 0.307681404 | 0.349520874 | 0.595609088 | 0.258340585 |
| ## | 223604      | 223607      | 223618      | 223621      | 223633      | 223634      |
| ## | 0.255495332 | 0.255495332 | 0.099507705 | 0.124035170 | 0.255495332 | 0.255495332 |
| ## | 223635      | 223642      | 223648      | 223654      | 223658      | 223660      |
| ## | 0.255495332 | 0.209779969 | 0.347482306 | 0.359673149 | 0.076529876 | 0.359163229 |
| ## | 223663      | 223666      | 223680      | 223682      | 223683      | 223692      |
| ## | 0.215045072 | 0.096273344 | 0.258340585 | 0.255495332 | 0.258340585 | 0.088606964 |

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| ## | 223704      | 223708      | 223709      | 223710      | 223711      | 223713      |
| ## | 0.559886848 | 0.255495332 | 0.085878197 | 0.068081640 | 0.158160262 | 0.079320339 |
| ## | 223716      | 223717      | 223745      | 223752      | 223753      | 223762      |
| ## | 0.188872591 | 0.079320339 | 0.188872591 | 0.340823023 | 0.083027220 | 0.083027220 |
| ## | 223765      | 223767      | 223771      | 223776      | 223781      | 223793      |
| ## | 0.103961426 | 0.399854157 | 0.103961426 | 0.117000694 | 0.249850387 | 0.160373655 |
| ## | 223796      | 223798      | 223803      | 223807      | 223811      | 223814      |
| ## | 0.093037857 | 0.039559187 | 0.184071827 | 0.184071827 | 0.181843986 | 0.099704251 |
| ## | 223822      | 223827      | 223828      | 223829      | 223837      | 223841      |
| ## | 0.034556547 | 0.103961426 | 0.320640976 | 0.328866996 | 0.328866996 | 0.187572852 |
| ## | 223844      | 223846      | 223854      | 223863      | 223873      | 223876      |
| ## | 0.083027220 | 0.178272745 | 0.164677233 | 0.133973334 | 0.081121747 | 0.150511937 |
| ## | 223890      | 223902      | 223903      | 223911      | 223914      | 223916      |
| ## | 0.172666832 | 0.084567393 | 0.084757025 | 0.191965177 | 0.034012158 | 0.040460486 |
| ## | 223921      | 223937      | 223940      | 223941      | 223957      | 223963      |
| ## | 0.106247268 | 0.101724608 | 0.135214702 | 0.111138788 | 0.084110259 | 0.188854727 |
| ## | 223967      | 223980      | 223995      | 223996      | 223997      | 224001      |
| ## | 0.161915005 | 0.182749210 | 0.123762191 | 0.072780391 | 0.088019586 | 0.199958227 |
| ## | 224006      | 224009      | 224011      | 224013      | 224016      | 224019      |
| ## | 0.260404350 | 0.088019586 | 0.296371506 | 0.458335240 | 0.110061466 | 0.196768379 |
| ## | 224032      | 224047      | 224054      | 224057      | 224058      | 224069      |
| ## | 0.088019586 | 0.181997673 | 0.105749403 | 0.088019586 | 0.107100332 | 0.094015053 |
| ## | 224074      | 224079      | 224080      | 224090      | 224092      | 224100      |
| ## | 0.166961645 | 0.188854727 | 0.067893969 | 0.112639135 | 0.088019586 | 0.053142619 |
| ## | 224104      | 224110      | 224118      | 224123      | 224124      | 224126      |
| ## | 0.086410251 | 0.088019586 | 0.132273044 | 0.180543445 | 0.191808306 | 0.302979609 |
| ## | 224147      | 224153      | 224154      | 224155      | 224158      | 224159      |
| ## | 0.181997673 | 0.110061466 | 0.073262957 | 0.181682672 | 0.528029390 | 0.110061466 |
| ## | 224160      | 224163      | 224164      | 224171      | 224185      | 224188      |
| ## | 0.306632804 | 0.190231894 | 0.094577426 | 0.088019586 | 0.440355235 | 0.156612530 |
| ## | 224196      | 224209      | 224211      | 224216      | 224221      | 224230      |
| ## | 0.170048524 | 0.085133241 | 0.394254891 | 0.086410251 | 0.074904222 | 0.087499722 |
| ## | 224247      | 224254      | 224255      | 224260      | 224264      | 224265      |
| ## | 0.105261704 | 0.549483128 | 0.122776768 | 0.176003055 | 0.105957731 | 0.180543445 |
| ## | 224277      | 224278      | 224280      | 224287      | 224288      | 224292      |
| ## | 0.187377870 | 0.181997673 | 0.096208505 | 0.094022860 | 0.345039639 | 0.045695617 |
| ## | 224295      | 224297      | 224300      | 224314      | 224321      | 224326      |
| ## | 0.114745536 | 0.097641343 | 0.345039639 | 0.540896140 | 0.189278956 | 0.176944893 |
| ## | 224333      | 224335      | 224336      | 224342      | 224350      | 224351      |
| ## | 0.351627339 | 0.362285802 | 0.057707919 | 0.021409881 | 0.054648727 | 0.034688674 |
| ## | 224355      | 224357      | 224358      | 224363      | 224367      | 224374      |
| ## | 0.146593896 | 0.089735508 | 0.026168004 | 0.142014775 | 0.143840442 | 0.059313072 |
| ## | 224379      | 224383      | 224385      | 224387      | 224388      | 224396      |
| ## | 0.274768030 | 0.166258248 | 0.120135799 | 0.112657733 | 0.076190659 | 0.057274354 |
| ## | 224399      | 224420      | 224421      | 224425      | 224428      | 224429      |
| ## | 0.262612400 | 0.133428361 | 0.125969972 | 0.084002714 | 0.089735508 | 0.114994583 |
| ## | 224449      | 224454      | 224458      | 224464      | 224470      | 224472      |
| ## | 0.024391997 | 0.120135799 | 0.114994583 | 0.062274496 | 0.143840442 | 0.136878490 |
| ## | 224476      | 224484      | 224486      | 224493      | 224497      | 224502      |
| ## | 0.076011490 | 0.071129323 | 0.133256038 | 0.130013832 | 0.145296183 | 0.072226769 |
| ## | 224503      | 224515      | 224518      | 224522      | 224533      | 224537      |
| ## | 0.072226769 | 0.061582832 | 0.136878490 | 0.085703849 | 0.066686000 | 0.142014775 |
| ## | 224556      | 224566      | 224572      | 224580      | 224581      | 224583      |
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| ## | 224601      | 224606      | 224612      | 224618      | 224620      | 224624      |
| ## | 0.329729897 | 0.056972399 | 0.285803121 | 0.079714461 | 0.067446893 | 0.245717696 |
| ## | 224628      | 224631      | 224632      | 224639      | 224641      | 224651      |
| ## | 0.054836534 | 0.131769881 | 0.067446893 | 0.082457051 | 0.112176248 | 0.082457051 |
| ## | 224658      | 224659      | 224662      | 224668      | 224671      | 224672      |
| ## | 0.042859089 | 0.121400285 | 0.064049433 | 0.067446893 | 0.084816085 | 0.156827013 |
| ## | 224680      | 224681      | 224689      | 224691      | 224695      | 224697      |
| ## | 0.113111106 | 0.298454464 | 0.071673479 | 0.052283738 | 0.156827013 | 0.091431515 |
| ## | 224699      | 224701      | 224715      | 224720      | 224723      | 224750      |
| ## | 0.062112561 | 0.076212191 | 0.029147100 | 0.254628168 | 0.056008457 | 0.088389120 |
| ## | 224754      | 224758      | 224761      | 224763      | 224765      | 224766      |
| ## | 0.099418210 | 0.083175222 | 0.121376144 | 0.082457051 | 0.066502685 | 0.122597088 |
| ## | 224777      | 224779      | 224785      | 224796      | 224801      | 224803      |
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| ## | 224804      | 224807      | 224810      | 224821      | 224822      | 224831      |
| ## | 0.033107654 | 0.024178705 | 0.164615935 | 0.093118227 | 0.033623909 | 0.028967658 |
| ## | 224850      | 224854      | 224860      | 224864      | 224868      | 224885      |
| ## | 0.220679090 | 0.049721923 | 0.247741807 | 0.049334506 | 0.049721923 | 0.056756196 |
| ## | 224891      | 224897      | 224903      | 224919      | 224922      | 224924      |
| ## | 0.050934366 | 0.056756196 | 0.034211206 | 0.081150409 | 0.483950066 | 0.055475555 |
| ## | 224926      | 224928      | 224936      | 224937      | 224955      | 224958      |
| ## | 0.266925623 | 0.519188239 | 0.141457372 | 0.173981623 | 0.134215553 | 0.056853402 |
| ## | 224962      | 224971      | 224974      | 224983      | 224993      | 225000      |
| ## | 0.096186383 | 0.055359608 | 0.061229618 | 0.131223688 | 0.144866897 | 0.089741927 |
| ## | 225002      | 225006      | 225008      | 225011      | 225020      | 225033      |
| ## | 0.074505908 | 0.071299308 | 0.134215553 | 0.069600938 | 0.257390933 | 0.075066099 |
| ## | 225049      | 225052      | 225072      | 225077      | 225079      | 225088      |
| ## | 0.139879054 | 0.139879054 | 0.133512036 | 0.038565795 | 0.071301442 | 0.085854360 |
| ## | 225092      | 225095      | 225096      | 225097      | 225100      | 225115      |
| ## | 0.059640793 | 0.096306098 | 0.312940551 | 0.142440310 | 0.108992330 | 0.036101871 |
| ## | 225123      | 225130      | 225131      | 225132      | 225133      | 225134      |
| ## | 0.136367135 | 0.035426861 | 0.035426861 | 0.086301116 | 0.081905390 | 0.140941126 |
| ## | 225136      | 225137      | 225140      | 225143      | 225146      | 225157      |
| ## | 0.346833933 | 0.036298823 | 0.098062045 | 0.080371242 | 0.107372886 | 0.046397534 |
| ## | 225161      | 225164      | 225170      | 225176      | 225188      | 225190      |
| ## | 0.027525877 | 0.027525877 | 0.112066543 | 0.120415296 | 0.061992302 | 0.136964254 |
| ## | 225192      | 225196      | 225202      | 225210      | 225212      | 225214      |
| ## | 0.138445839 | 0.105312983 | 0.197405246 | 0.137996975 | 0.198531371 | 0.138445839 |
| ## | 225217      | 225218      | 225220      | 225228      | 225232      | 225240      |
| ## | 0.131264969 | 0.264099143 | 0.286176521 | 0.131521834 | 0.676822875 | 0.113012421 |
| ## | 225244      | 225245      | 225247      | 225249      | 225250      | 225259      |
| ## | 0.117451184 | 0.117451184 | 0.271453965 | 0.136693506 | 0.292438934 | 0.438994368 |
| ## | 225273      | 225276      | 225289      | 225299      | 225308      | 225311      |
| ## | 0.208534661 | 0.208534661 | 0.237123095 | 0.393944677 | 0.126549816 | 0.259947986 |
| ## | 225325      | 225343      | 225359      | 225360      | 225363      | 225365      |
| ## | 0.132387301 | 0.115628704 | 0.271453965 | 0.281818944 | 0.242671782 | 0.419216570 |
| ## | 225372      | 225377      | 225384      | 225386      | 225388      | 225389      |
| ## | 0.127295242 | 0.093286529 | 0.132384235 | 0.403831299 | 0.243503791 | 0.276587915 |
| ## | 225395      | 225396      | 225405      | 225410      | 225418      | 225422      |
| ## | 0.265020286 | 0.122970802 | 0.290428373 | 0.116239756 | 0.116021146 | 0.619123530 |
| ## | 225423      | 225429      | 225437      | 225439      | 225444      | 225447      |
| ## | 0.108147118 | 0.139433622 | 0.288047059 | 0.130795532 | 0.131969672 | 0.281818944 |
| ## | 225448      | 225451      | 225452      | 225456      | 225459      | 225464      |
| ## | 0.443015636 | 0.258392911 | 0.445860150 | 0.281818944 | 0.124643352 | 0.268034414 |

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| ## | 225465      | 225467      | 225469      | 225470      | 225476      | 225478      |
| ## | 0.124643352 | 0.087831547 | 0.279008259 | 0.294122517 | 0.139433622 | 0.243602869 |
| ## | 225479      | 225480      | 225481      | 225482      | 225484      | 225486      |
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| ## | 225499      | 225504      | 225506      | 225512      | 225513      | 225515      |
| ## | 0.276122888 | 0.176555027 | 0.262743875 | 0.262743875 | 0.240425488 | 0.236468425 |
| ## | 225518      | 225533      | 225534      | 225536      | 225539      | 225544      |
| ## | 0.237714303 | 0.194978703 | 0.162656533 | 0.297975531 | 0.297975531 | 0.297975531 |
| ## | 225546      | 225549      | 225553      | 225555      | 225565      | 225567      |
| ## | 0.684846806 | 0.301102527 | 0.297975531 | 0.301102527 | 0.291734089 | 0.288664201 |
| ## | 225568      | 225574      | 225578      | 225595      | 225596      | 225602      |
| ## | 0.273731500 | 0.270778626 | 0.301102527 | 0.273731500 | 0.288664201 | 0.288664201 |
| ## | 225604      | 225607      | 225616      | 225617      | 225620      | 225628      |
| ## | 0.607625174 | 0.278039322 | 0.291734089 | 0.273731500 | 0.190924142 | 0.288664201 |
| ## | 225631      | 225636      | 225642      | 225645      | 225646      | 225654      |
| ## | 0.288664201 | 0.663814254 | 0.251164757 | 0.248372070 | 0.278331175 | 0.197081660 |
| ## | 225663      | 225664      | 225668      | 225671      | 225677      | 225686      |
| ## | 0.286176521 | 0.284731352 | 0.281705844 | 0.248895287 | 0.284731352 | 0.119157078 |
| ## | 225689      | 225693      | 225698      | 225702      | 225718      | 225719      |
| ## | 0.156856407 | 0.271862113 | 0.284731352 | 0.281705844 | 0.651958593 | 0.267874449 |
| ## | 225723      | 225727      | 225738      | 225740      | 225746      | 225749      |
| ## | 0.126209808 | 0.200532500 | 0.232594492 | 0.687350876 | 0.687350066 | 0.303554960 |
| ## | 225750      | 225769      | 225773      | 225779      | 225783      | 225784      |
| ## | 0.131206864 | 0.303554960 | 0.232594492 | 0.303554960 | 0.292726440 | 0.100834741 |
| ## | 225790      | 225793      | 225794      | 225801      | 225805      | 225806      |
| ## | 0.232594492 | 0.292726440 | 0.300413442 | 0.534579592 | 0.712716583 | 0.300413442 |
| ## | 225808      | 225812      | 225814      | 225818      | 225833      | 225834      |
| ## | 0.300413442 | 0.292726440 | 0.195534581 | 0.506768340 | 0.101043645 | 0.196135503 |
| ## | 225837      | 225839      | 225848      | 225851      | 225858      | 225862      |
| ## | 0.188994132 | 0.613498169 | 0.617026065 | 0.661699074 | 0.252048846 | 0.249249600 |
| ## | 225863      | 225871      | 225872      | 225885      | 225889      | 225890      |
| ## | 0.286122665 | 0.659839703 | 0.187709440 | 0.288694899 | 0.289176512 | 0.285644094 |
| ## | 225892      | 225896      | 225901      | 225905      | 225917      | 225918      |
| ## | 0.078606209 | 0.273699259 | 0.286122665 | 0.270746603 | 0.289176512 | 0.250350731 |
| ## | 225919      | 225925      | 225929      | 225934      | 225936      | 225940      |
| ## | 0.198429204 | 0.253158173 | 0.289176512 | 0.275223656 | 0.250350731 | 0.249239385 |
| ## | 225950      | 225951      | 225952      | 225954      | 225961      | 225965      |
| ## | 0.272260719 | 0.194132847 | 0.253158173 | 0.166463477 | 0.289176512 | 0.199745235 |
| ## | 225972      | 225976      | 225977      | 225986      | 225987      | 225991      |
| ## | 0.543292902 | 0.251157867 | 0.111557086 | 0.289176512 | 0.286122665 | 0.286122665 |
| ## | 225999      | 226000      | 226008      | 226014      | 226021      | 226022      |
| ## | 0.185024129 | 0.182787345 | 0.073640094 | 0.450448594 | 0.073640094 | 0.182787345 |
| ## | 226023      | 226024      | 226043      | 226048      | 226052      | 226059      |
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| ## | 226061      | 226062      | 226063      | 226080      | 226084      | 226093      |
| ## | 0.270006169 | 0.359651260 | 0.039732225 | 0.148365497 | 0.321362589 | 0.266263001 |
| ## | 226094      | 226099      | 226105      | 226108      | 226112      | 226114      |
| ## | 0.415801372 | 0.153127769 | 0.161082049 | 0.082741576 | 0.153127769 | 0.123659498 |
| ## | 226117      | 226121      | 226125      | 226129      | 226131      | 226132      |
| ## | 0.415922538 | 0.163106236 | 0.266263001 | 0.153876658 | 0.194364375 | 0.321469079 |
| ## | 226150      | 226152      | 226156      | 226166      | 226169      | 226175      |
| ## | 0.153127769 | 0.266263001 | 0.123659498 | 0.266263001 | 0.033489376 | 0.235699750 |
| ## | 226182      | 226183      | 226184      | 226189      | 226190      | 226191      |
| ## | 0.058934460 | 0.108411233 | 0.128929254 | 0.108411233 | 0.238210328 | 0.257299077 |

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| ## | 226198      | 226201      | 226205      | 226207      | 226211      | 226212      |
| ## | 0.444001300 | 0.621322582 | 0.394862271 | 0.108411233 | 0.250435869 | 0.252281106 |
| ## | 226215      | 226217      | 226219      | 226223      | 226227      | 226233      |
| ## | 0.243526113 | 0.128700187 | 0.052679444 | 0.128572596 | 0.238210328 | 0.673466524 |
| ## | 226246      | 226252      | 226256      | 226268      | 226269      | 226281      |
| ## | 0.402247516 | 0.275063505 | 0.590766327 | 0.082409273 | 0.537834791 | 0.479431981 |
| ## | 226283      | 226286      | 226293      | 226294      | 226297      | 226298      |
| ## | 0.537834791 | 0.253657855 | 0.479923495 | 0.537834791 | 0.251709056 | 0.537834791 |
| ## | 226303      | 226307      | 226313      | 226314      | 226316      | 226331      |
| ## | 0.405503159 | 0.221617523 | 0.405503159 | 0.305892790 | 0.461634560 | 0.691475166 |
| ## | 226337      | 226344      | 226357      | 226361      | 226370      | 226371      |
| ## | 0.777387521 | 0.687624415 | 0.122627567 | 0.689717260 | 0.305892790 | 0.253657855 |
| ## | 226374      | 226375      | 226377      | 226389      | 226398      | 226411      |
| ## | 0.687624415 | 0.409100990 | 0.302737595 | 0.408924270 | 0.303824187 | 0.451875723 |
| ## | 226416      | 226418      | 226421      | 226428      | 226431      | 226433      |
| ## | 0.409100990 | 0.465987160 | 0.479882085 | 0.561266164 | 0.777387521 | 0.145511602 |
| ## | 226443      | 226473      | 226476      | 226480      | 226481      | 226485      |
| ## | 0.253657855 | 0.253657855 | 0.126210440 | 0.577484720 | 0.253657855 | 0.631577841 |
| ## | 226493      | 226494      | 226505      | 226509      | 226517      | 226522      |
| ## | 0.559457783 | 0.409100990 | 0.063971109 | 0.409100990 | 0.631577841 | 0.789701495 |
| ## | 226531      | 226533      | 226538      | 226543      | 226545      | 226547      |
| ## | 0.253657855 | 0.201515084 | 0.639197735 | 0.777387521 | 0.774797692 | 0.253657855 |
| ## | 226548      | 226556      | 226563      | 226565      | 226568      | 226574      |
| ## | 0.409100990 | 0.253657855 | 0.253657855 | 0.631577841 | 0.777387521 | 0.201515084 |
| ## | 226577      | 226578      | 226580      | 226582      | 226585      | 226588      |
| ## | 0.777387521 | 0.777387521 | 0.777387521 | 0.253657855 | 0.777387521 | 0.253657855 |
| ## | 226590      | 226592      | 226593      | 226595      | 226600      | 226604      |
| ## | 0.789701495 | 0.777387521 | 0.253657855 | 0.777387521 | 0.405503159 | 0.783027723 |
| ## | 226608      | 226616      | 226620      | 226623      | 226624      | 226630      |
| ## | 0.783027723 | 0.568131005 | 0.253657855 | 0.631577841 | 0.253657855 | 0.409100990 |
| ## | 226632      | 226634      | 226636      | 226642      | 226644      | 226646      |
| ## | 0.777387521 | 0.253657855 | 0.409100990 | 0.560043280 | 0.405503159 | 0.777387521 |
| ## | 226657      | 226659      | 226661      | 226671      | 226676      | 226682      |
| ## | 0.777387521 | 0.409100990 | 0.405503159 | 0.253657855 | 0.789701495 | 0.777387521 |
| ## | 226685      | 226689      | 226698      | 226717      | 226718      | 226724      |
| ## | 0.409100990 | 0.789701495 | 0.253657855 | 0.777387521 | 0.253657855 | 0.777387521 |
| ## | 226736      | 226741      | 226745      | 226749      | 226750      | 226755      |
| ## | 0.405503159 | 0.253657855 | 0.409100990 | 0.405503159 | 0.405503159 | 0.409100990 |
| ## | 226757      | 226763      | 226770      | 226774      | 226778      | 226786      |
| ## | 0.777387521 | 0.774797692 | 0.253657855 | 0.777387521 | 0.253657855 | 0.253657855 |
| ## | 226788      | 226791      | 226793      | 226794      | 226799      | 226803      |
| ## | 0.409100990 | 0.253657855 | 0.777387521 | 0.777387521 | 0.253657855 | 0.253657855 |
| ## | 226805      | 226819      | 226821      | 226828      | 226829      | 226856      |
| ## | 0.774797692 | 0.253657855 | 0.777387521 | 0.405503159 | 0.405503159 | 0.409100990 |
| ## | 226858      | 226862      | 226869      | 226870      | 226872      | 226873      |
| ## | 0.405503159 | 0.631577841 | 0.409100990 | 0.253657855 | 0.201515084 | 0.777387521 |
| ## | 226884      | 226896      | 226910      | 226911      | 226922      | 226936      |
| ## | 0.405503159 | 0.631577841 | 0.195899924 | 0.253657855 | 0.639197735 | 0.405503159 |
| ## | 226939      | 226948      | 226955      | 226957      | 226965      | 226967      |
| ## | 0.631577841 | 0.172995290 | 0.409100990 | 0.350120149 | 0.211706222 | 0.211706222 |
| ## | 226986      | 226989      | 226991      | 226997      | 227002      | 227005      |
| ## | 0.157428632 | 0.076189970 | 0.166748978 | 0.592941505 | 0.352482125 | 0.583318285 |
| ## | 227017      | 227022      | 227023      | 227026      | 227027      | 227039      |
| ## | 0.175057890 | 0.211706222 | 0.163850847 | 0.160151549 | 0.040079706 | 0.074245262 |



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| ## | 227042      | 227043      | 227056      | 227057      | 227059      | 227062      |
| ## | 0.214204131 | 0.211706222 | 0.064349519 | 0.099374660 | 0.164925727 | 0.165923759 |
| ## | 227069      | 227070      | 227074      | 227079      | 227083      | 227090      |
| ## | 0.046194006 | 0.176589713 | 0.078089637 | 0.118023430 | 0.066064647 | 0.113864149 |
| ## | 227096      | 227100      | 227101      | 227103      | 227110      | 227112      |
| ## | 0.061377171 | 0.294640121 | 0.121865371 | 0.148250074 | 0.095047296 | 0.095047296 |
| ## | 227116      | 227135      | 227142      | 227145      | 227149      | 227150      |
| ## | 0.398103968 | 0.044211166 | 0.079804703 | 0.094556437 | 0.094556437 | 0.211706222 |
| ## | 227159      | 227180      | 227181      | 227184      | 227187      | 227189      |
| ## | 0.073600158 | 0.098732683 | 0.092396961 | 0.112231255 | 0.519846662 | 0.073600158 |
| ## | 227197      | 227218      | 227229      | 227230      | 227234      | 227235      |
| ## | 0.073600158 | 0.098215451 | 0.358182999 | 0.171760929 | 0.171760929 | 0.073600158 |
| ## | 227240      | 227246      | 227250      | 227256      | 227259      | 227263      |
| ## | 0.072858388 | 0.073600158 | 0.101644336 | 0.089573726 | 0.048095788 | 0.118023430 |
| ## | 227279      | 227283      | 227285      | 227293      | 227294      | 227295      |
| ## | 0.269762068 | 0.091693996 | 0.076974520 | 0.166958781 | 0.079587804 | 0.079587804 |
| ## | 227297      | 227299      | 227300      | 227304      | 227320      | 227321      |
| ## | 0.042786360 | 0.184948989 | 0.171375478 | 0.160618831 | 0.164896203 | 0.089573726 |
| ## | 227327      | 227332      | 227333      | 227334      | 227335      | 227336      |
| ## | 0.200384497 | 0.303390352 | 0.073600158 | 0.120583269 | 0.057049382 | 0.089573726 |
| ## | 227337      | 227357      | 227369      | 227375      | 227383      | 227386      |
| ## | 0.089573726 | 0.200501378 | 0.072456901 | 0.122172656 | 0.178868285 | 0.062949978 |
| ## | 227390      | 227401      | 227402      | 227403      | 227404      | 227418      |
| ## | 0.148250074 | 0.094556437 | 0.065714536 | 0.212025716 | 0.089989371 | 0.204758624 |
| ## | 227421      | 227429      | 227438      | 227447      | 227458      | 227463      |
| ## | 0.047020490 | 0.087113615 | 0.082307182 | 0.090672067 | 0.068197092 | 0.056320705 |
| ## | 227473      | 227474      | 227486      | 227490      | 227497      | 227500      |
| ## | 0.034506961 | 0.103575223 | 0.073360152 | 0.061461041 | 0.073360152 | 0.110738972 |
| ## | 227510      | 227516      | 227528      | 227545      | 227547      | 227550      |
| ## | 0.055713786 | 0.125552927 | 0.210173077 | 0.211342703 | 0.168660757 | 0.126215718 |
| ## | 227557      | 227560      | 227563      | 227565      | 227566      | 227567      |
| ## | 0.235728441 | 0.395421986 | 0.413464971 | 0.117769969 | 0.117769969 | 0.134033398 |
| ## | 227572      | 227576      | 227582      | 227583      | 227584      | 227595      |
| ## | 0.235139889 | 0.235728441 | 0.378049728 | 0.237830872 | 0.117769969 | 0.113137848 |
| ## | 227605      | 227628      | 227629      | 227634      | 227635      | 227644      |
| ## | 0.266931272 | 0.440143201 | 0.053592596 | 0.121091382 | 0.126215718 | 0.131999963 |
| ## | 227648      | 227651      | 227652      | 227653      | 227654      | 227662      |
| ## | 0.109882665 | 0.121091382 | 0.261617469 | 0.235139889 | 0.100464399 | 0.098790174 |
| ## | 227673      | 227675      | 227678      | 227679      | 227680      | 227681      |
| ## | 0.235728441 | 0.247028107 | 0.419427460 | 0.217241340 | 0.255562347 | 0.228519987 |
| ## | 227691      | 227695      | 227706      | 227714      | 227720      | 227726      |
| ## | 0.221588634 | 0.384473351 | 0.289351126 | 0.289351126 | 0.136685740 | 0.106154432 |
| ## | 227727      | 227728      | 227734      | 227736      | 227743      | 227748      |
| ## | 0.121091382 | 0.176362297 | 0.126215718 | 0.270855941 | 0.270855941 | 0.065053395 |
| ## | 227750      | 227756      | 227759      | 227766      | 227772      | 227777      |
| ## | 0.168660757 | 0.289351126 | 0.289351126 | 0.136685740 | 0.281577629 | 0.235139889 |
| ## | 227780      | 227782      | 227783      | 227804      | 227810      | 227811      |
| ## | 0.126841784 | 0.132332887 | 0.259493856 | 0.228519987 | 0.126964289 | 0.188009760 |
| ## | 227822      | 227831      | 227837      | 227841      | 227847      | 227850      |
| ## | 0.069487860 | 0.320498963 | 0.485039816 | 0.153041808 | 0.727407202 | 0.320498963 |
| ## | 227856      | 227872      | 227873      | 227874      | 227876      | 227877      |
| ## | 0.570746199 | 0.188009760 | 0.320498963 | 0.317261972 | 0.153041808 | 0.153041808 |
| ## | 227884      | 227889      | 227890      | 227891      | 227900      | 227903      |
| ## | 0.320498963 | 0.317261972 | 0.317261972 | 0.153041808 | 0.188009760 | 0.153041808 |

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| ## | 227904      | 227905      | 227918      | 227924      | 227929      | 227937      |
| ## | 0.188009760 | 0.507834456 | 0.317261972 | 0.153041808 | 0.317261972 | 0.188009760 |
| ## | 227944      | 227945      | 227959      | 227966      | 227969      | 227970      |
| ## | 0.153041808 | 0.153041808 | 0.358237797 | 0.106326408 | 0.038733776 | 0.038733776 |
| ## | 227978      | 227980      | 227981      | 227987      | 227993      | 228000      |
| ## | 0.358076280 | 0.178245444 | 0.178273442 | 0.112551241 | 0.398921263 | 0.044923235 |
| ## | 228006      | 228009      | 228016      | 228020      | 228022      | 228028      |
| ## | 0.122743342 | 0.049220631 | 0.083440548 | 0.122743342 | 0.072071146 | 0.069284396 |
| ## | 228036      | 228046      | 228047      | 228056      | 228059      | 228063      |
| ## | 0.042071537 | 0.095895951 | 0.181554038 | 0.153041808 | 0.438879513 | 0.067145069 |
| ## | 228065      | 228071      | 228077      | 228091      | 228095      | 228096      |
| ## | 0.164385364 | 0.170356127 | 0.139357309 | 0.124879022 | 0.536254537 | 0.174100988 |
| ## | 228103      | 228104      | 228112      | 228116      | 228137      | 228139      |
| ## | 0.212465022 | 0.209981974 | 0.116948987 | 0.116948987 | 0.317261972 | 0.710867680 |
| ## | 228141      | 228142      | 228144      | 228146      | 228147      | 228150      |
| ## | 0.317261972 | 0.317261972 | 0.317261972 | 0.320498963 | 0.320498963 | 0.188009760 |
| ## | 228151      | 228152      | 228159      | 228161      | 228162      | 228171      |
| ## | 0.320498963 | 0.320498963 | 0.046864223 | 0.136817729 | 0.226323881 | 0.126119801 |
| ## | 228173      | 228176      | 228178      | 228180      | 228184      | 228189      |
| ## | 0.386173202 | 0.278262274 | 0.047370400 | 0.053199338 | 0.090741260 | 0.086782104 |
| ## | 228191      | 228202      | 228203      | 228216      | 228217      | 228221      |
| ## | 0.030936001 | 0.315373862 | 0.195272074 | 0.057404489 | 0.054707616 | 0.034394548 |
| ## | 228222      | 228232      | 228241      | 228262      | 228264      | 228266      |
| ## | 0.105460120 | 0.090741260 | 0.141350753 | 0.058257431 | 0.071750538 | 0.087525611 |
| ## | 228272      | 228275      | 228278      | 228279      | 228281      | 228290      |
| ## | 0.047229958 | 0.092526039 | 0.064329151 | 0.025020927 | 0.024138453 | 0.419937720 |
| ## | 228293      | 228307      | 228315      | 228321      | 228326      | 228329      |
| ## | 0.125967152 | 0.137296656 | 0.194574118 | 0.326524428 | 0.363128673 | 0.096532365 |
| ## | 228333      | 228335      | 228339      | 228350      | 228352      | 228353      |
| ## | 0.326524428 | 0.149080906 | 0.054742421 | 0.058278094 | 0.122100629 | 0.075141367 |
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| ## | 0.326524428 | 0.075176475 | 0.285750691 | 0.303043195 | 0.063888974 | 0.149080906 |
| ## | 228386      | 228388      | 228391      | 228393      | 228406      | 228410      |
| ## | 0.081964924 | 0.140257426 | 0.064462086 | 0.140196532 | 0.145010153 | 0.096349806 |
| ## | 228418      | 228424      | 228429      | 228432      | 228443      | 228449      |
| ## | 0.151946166 | 0.092609284 | 0.136430713 | 0.216205312 | 0.150776474 | 0.126210258 |
| ## | 228450      | 228455      | 228462      | 228464      | 228469      | 228472      |
| ## | 0.300020591 | 0.226716536 | 0.088276989 | 0.425567243 | 0.127465522 | 0.142401640 |
| ## | 228477      | 228483      | 228486      | 228491      | 228493      | 228495      |
| ## | 0.197392044 | 0.136624923 | 0.040972076 | 0.326848321 | 0.120404693 | 0.055944996 |
| ## | 228496      | 228512      | 228528      | 228529      | 228535      | 228545      |
| ## | 0.202666795 | 0.271592612 | 0.221290745 | 0.345212277 | 0.038999446 | 0.142982299 |
| ## | 228572      | 228579      | 228581      | 228584      | 228593      | 228599      |
| ## | 0.477841084 | 0.251650332 | 0.097100683 | 0.042988862 | 0.233502753 | 0.084452291 |
| ## | 228605      | 228606      | 228611      | 228613      | 228618      | 228620      |
| ## | 0.064081286 | 0.073649500 | 0.033868331 | 0.107903450 | 0.333688428 | 0.055574779 |
| ## | 228627      | 228634      | 228635      | 228640      | 228648      | 228653      |
| ## | 0.190054034 | 0.096871854 | 0.120836798 | 0.120836798 | 0.072466888 | 0.125652527 |
| ## | 228678      | 228679      | 228682      | 228690      | 228695      | 228703      |
| ## | 0.139394454 | 0.132867656 | 0.125652527 | 0.062137362 | 0.053178955 | 0.143262524 |
| ## | 228708      | 228709      | 228710      | 228716      | 228722      | 228737      |
| ## | 0.142401640 | 0.176733573 | 0.095336420 | 0.095336420 | 0.041374667 | 0.038999446 |
| ## | 228739      | 228745      | 228748      | 228755      | 228759      | 228760      |
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| ## | 228766      | 228777      | 228778      | 228792      | 228794      | 228797      |
| ## | 0.146481664 | 0.091101268 | 0.091101268 | 0.049059222 | 0.216205312 | 0.221372190 |
| ## | 228799      | 228800      | 228805      | 228811      | 228812      | 228816      |
| ## | 0.390449588 | 0.096871854 | 0.058466590 | 0.065263800 | 0.048499095 | 0.144628137 |
| ## | 228834      | 228843      | 228847      | 228850      | 228857      | 228862      |
| ## | 0.216205312 | 0.216205312 | 0.096871854 | 0.087653263 | 0.229340025 | 0.229340025 |
| ## | 228865      | 228866      | 228870      | 228877      | 228879      | 228882      |
| ## | 0.229340025 | 0.127465522 | 0.226716536 | 0.127465522 | 0.226716536 | 0.629538865 |
| ## | 228890      | 228891      | 228899      | 228900      | 228908      | 228911      |
| ## | 0.070114355 | 0.070253457 | 0.055944996 | 0.069999501 | 0.052924407 | 0.066754980 |
| ## | 228913      | 228919      | 228920      | 228922      | 228923      | 228929      |
| ## | 0.099549108 | 0.221372190 | 0.221372190 | 0.386994368 | 0.127465522 | 0.162174056 |
| ## | 228937      | 228956      | 228959      | 228962      | 228963      | 228965      |
| ## | 0.152223136 | 0.128754907 | 0.098885767 | 0.081416429 | 0.045684192 | 0.077702422 |
| ## | 228981      | 228982      | 228989      | 228995      | 228998      | 229001      |
| ## | 0.042009524 | 0.234830024 | 0.092456975 | 0.217032356 | 0.175802674 | 0.234830024 |
| ## | 229005      | 229008      | 229009      | 229011      | 229020      | 229021      |
| ## | 0.306279190 | 0.165908363 | 0.271256204 | 0.081638425 | 0.064219829 | 0.538056848 |
| ## | 229022      | 229034      | 229041      | 229043      | 229045      | 229051      |
| ## | 0.070151017 | 0.073922939 | 0.139610051 | 0.131499989 | 0.172302952 | 0.242228156 |
| ## | 229058      | 229061      | 229064      | 229067      | 229071      | 229078      |
| ## | 0.081638425 | 0.151602172 | 0.073497371 | 0.096519174 | 0.050458156 | 0.076954872 |
| ## | 229081      | 229085      | 229091      | 229100      | 229113      | 229122      |
| ## | 0.098116148 | 0.042180678 | 0.221814704 | 0.285079667 | 0.076954872 | 0.095768949 |
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| ## | 0.489894373 | 0.076954872 | 0.324434657 | 0.240638587 | 0.061917996 | 0.091022886 |
| ## | 229172      | 229175      | 229180      | 229185      | 229186      | 229187      |
| ## | 0.057309952 | 0.310597365 | 0.037961235 | 0.354113332 | 0.137402572 | 0.042728638 |
| ## | 229197      | 229204      | 229205      | 229218      | 229225      | 229227      |
| ## | 0.037744389 | 0.168432532 | 0.103004455 | 0.102022648 | 0.139205685 | 0.139205685 |
| ## | 229234      | 229235      | 229237      | 229245      | 229248      | 229249      |
| ## | 0.139205685 | 0.680383697 | 0.173370963 | 0.548403874 | 0.285251076 | 0.163819910 |
| ## | 229253      | 229268      | 229272      | 229274      | 229276      | 229278      |
| ## | 0.149554965 | 0.279681624 | 0.694570100 | 0.276689017 | 0.313950794 | 0.123986353 |
| ## | 229280      | 229289      | 229293      | 229295      | 229297      | 229298      |
| ## | 0.125196818 | 0.278915637 | 0.120593292 | 0.266667110 | 0.266667110 | 0.104697901 |
| ## | 229308      | 229313      | 229315      | 229321      | 229325      | 229331      |
| ## | 0.100987804 | 0.149163932 | 0.149163932 | 0.207607287 | 0.120593292 | 0.132002360 |
| ## | 229337      | 229340      | 229345      | 229346      | 229353      | 229354      |
| ## | 0.183437745 | 0.149163932 | 0.194800424 | 0.408131761 | 0.243983294 | 0.271418090 |
| ## | 229356      | 229357      | 229360      | 229362      | 229375      | 229387      |
| ## | 0.376436804 | 0.235468481 | 0.416589621 | 0.235468481 | 0.310749694 | 0.675358030 |
| ## | 229390      | 229398      | 229401      | 229403      | 229409      | 229412      |
| ## | 0.150951895 | 0.424317605 | 0.183437745 | 0.149163932 | 0.149163932 | 0.426723613 |
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| ## | 229457      | 229459      | 229467      | 229473      | 229479      | 229483      |
| ## | 0.149163932 | 0.149163932 | 0.149163932 | 0.459285028 | 0.130743190 | 0.321282221 |
| ## | 229484      | 229485      | 229486      | 229491      | 229499      | 229503      |
| ## | 0.153396069 | 0.130597504 | 0.130597504 | 0.310749694 | 0.121284430 | 0.149163932 |
| ## | 229508      | 229512      | 229514      | 229516      | 229518      | 229519      |
| ## | 0.428661981 | 0.170521450 | 0.282222224 | 0.179147533 | 0.257316107 | 0.159573907 |
| ## | 229527      | 229530      | 229531      | 229532      | 229535      | 229536      |
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| ## | 229537      | 229547      | 229555      | 229557      | 229573      | 229575      |
| ## | 0.657341000 | 0.130743190 | 0.271418090 | 0.249431249 | 0.115038661 | 0.260863615 |
| ## | 229576      | 229591      | 229602      | 229603      | 229614      | 229617      |
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| ## | 229684      | 229696      | 229711      | 229712      | 229720      | 229721      |
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| ## | 229724      | 229725      | 229733      | 229738      | 229748      | 229749      |
| ## | 0.720242305 | 0.310749694 | 0.149163932 | 0.149163932 | 0.115038661 | 0.477492229 |
| ## | 229753      | 229755      | 229756      | 229762      | 229772      | 229773      |
| ## | 0.310749694 | 0.310749694 | 0.138105616 | 0.310749694 | 0.313950794 | 0.149163932 |
| ## | 229774      | 229779      | 229781      | 229783      | 229785      | 229786      |
| ## | 0.149163932 | 0.149163932 | 0.129487037 | 0.517230742 | 0.278657772 | 0.235427736 |
| ## | 229791      | 229795      | 229802      | 229804      | 229807      | 229809      |
| ## | 0.097217984 | 0.116832296 | 0.238871817 | 0.187583762 | 0.720242305 | 0.129487037 |
| ## | 229813      | 229815      | 229817      | 229825      | 229826      | 229827      |
| ## | 0.183437745 | 0.183437745 | 0.310749694 | 0.133228678 | 0.095882502 | 0.045818149 |
| ## | 229828      | 229842      | 229849      | 229852      | 229856      | 229857      |
| ## | 0.116409090 | 0.112727091 | 0.056414068 | 0.419353052 | 0.061056932 | 0.364013685 |
| ## | 229858      | 229861      | 229875      | 229877      | 229908      | 229926      |
| ## | 0.060281816 | 0.060460180 | 0.061297900 | 0.049451328 | 0.057565949 | 0.244461387 |
| ## | 229928      | 229929      | 229932      | 229939      | 229941      | 229954      |
| ## | 0.313881919 | 0.139464812 | 0.132346973 | 0.134051420 | 0.394730245 | 0.307746749 |
| ## | 229960      | 229961      | 229962      | 229965      | 229970      | 229971      |
| ## | 0.088216628 | 0.059520211 | 0.065028425 | 0.064256925 | 0.331711375 | 0.206579525 |
| ## | 229978      | 229988      | 229989      | 229991      | 229993      | 229994      |
| ## | 0.058259963 | 0.248058740 | 0.317201126 | 0.124961668 | 0.237433344 | 0.133157141 |
| ## | 229998      | 230003      | 230006      | 230007      | 230024      | 230026      |
| ## | 0.060499111 | 0.067596462 | 0.056479655 | 0.238050523 | 0.540814798 | 0.356808712 |
| ## | 230031      | 230040      | 230042      | 230043      | 230044      | 230045      |
| ## | 0.194585407 | 0.092756452 | 0.023754430 | 0.194304663 | 0.099814071 | 0.346699688 |
| ## | 230048      | 230054      | 230063      | 230064      | 230075      | 230083      |
| ## | 0.061180394 | 0.117503788 | 0.056981235 | 0.108152477 | 0.109263351 | 0.070505140 |
| ## | 230085      | 230091      | 230094      | 230097      | 230106      | 230111      |
| ## | 0.399319986 | 0.271190997 | 0.056981235 | 0.253559957 | 0.061352813 | 0.061352813 |
| ## | 230112      | 230126      | 230127      | 230128      | 230138      | 230141      |
| ## | 0.182818225 | 0.057468955 | 0.117503788 | 0.061352813 | 0.117503788 | 0.068130562 |
| ## | 230146      | 230150      | 230156      | 230159      | 230164      | 230168      |
| ## | 0.248820971 | 0.061180394 | 0.406101331 | 0.387301021 | 0.028650583 | 0.052356453 |
| ## | 230181      | 230185      | 230210      | 230214      | 230215      | 230219      |
| ## | 0.115967116 | 0.108152477 | 0.130911435 | 0.100014235 | 0.120600270 | 0.073576467 |
| ## | 230226      | 230227      | 230231      | 230236      | 230243      | 230256      |
| ## | 0.088150580 | 0.048146023 | 0.037145863 | 0.048146023 | 0.035148988 | 0.030822666 |
| ## | 230257      | 230263      | 230267      | 230276      | 230286      | 230298      |
| ## | 0.024740053 | 0.062104501 | 0.100808595 | 0.075006927 | 0.053449842 | 0.076377450 |
| ## | 230303      | 230305      | 230311      | 230313      | 230314      | 230320      |
| ## | 0.339687014 | 0.318518089 | 0.351536745 | 0.091049572 | 0.089825218 | 0.202423765 |
| ## | 230333      | 230334      | 230340      | 230346      | 230348      | 230349      |
| ## | 0.039363372 | 0.562288186 | 0.207584842 | 0.174099939 | 0.257827777 | 0.308845823 |
| ## | 230355      | 230356      | 230366      | 230372      | 230381      | 230382      |
| ## | 0.083586503 | 0.101794961 | 0.117787730 | 0.187563082 | 0.180635848 | 0.089825218 |

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| ## | 230387      | 230390      | 230396      | 230402      | 230411      | 230422      |
| ## | 0.313687250 | 0.704359488 | 0.183254495 | 0.310487621 | 0.137960000 | 0.183254495 |
| ## | 230430      | 230446      | 230452      | 230454      | 230458      | 230462      |
| ## | 0.310487621 | 0.183254495 | 0.310487621 | 0.310487621 | 0.709502594 | 0.310487621 |
| ## | 230466      | 230468      | 230470      | 230473      | 230475      | 230482      |
| ## | 0.310487621 | 0.310487621 | 0.310487621 | 0.310487621 | 0.310487621 | 0.313687250 |
| ## | 230490      | 230491      | 230501      | 230502      | 230506      | 230507      |
| ## | 0.171681211 | 0.171681211 | 0.736174722 | 0.326416550 | 0.313849654 | 0.425459694 |
| ## | 230518      | 230520      | 230529      | 230530      | 230533      | 230534      |
| ## | 0.269529481 | 0.278399944 | 0.304993284 | 0.180074880 | 0.461739278 | 0.273902214 |
| ## | 230536      | 230540      | 230545      | 230547      | 230549      | 230550      |
| ## | 0.300868572 | 0.132972160 | 0.299660064 | 0.684904197 | 0.462016702 | 0.235735419 |
| ## | 230553      | 230560      | 230569      | 230573      | 230576      | 230581      |
| ## | 0.144495380 | 0.160895642 | 0.319465035 | 0.290542211 | 0.429106785 | 0.425459694 |
| ## | 230583      | 230592      | 230596      | 230601      | 230618      | 230621      |
| ## | 0.425459694 | 0.363861370 | 0.141499071 | 0.185609682 | 0.269529481 | 0.201671089 |
| ## | 230623      | 230624      | 230625      | 230631      | 230633      | 230637      |
| ## | 0.164677573 | 0.306991387 | 0.256653504 | 0.301777950 | 0.230938379 | 0.425459694 |
| ## | 230648      | 230662      | 230667      | 230672      | 230674      | 230676      |
| ## | 0.727601560 | 0.506392899 | 0.466360137 | 0.658813167 | 0.130707973 | 0.600158301 |
| ## | 230679      | 230681      | 230687      | 230693      | 230701      | 230703      |
| ## | 0.126514027 | 0.658813167 | 0.124277499 | 0.073204915 | 0.316596868 | 0.448886961 |
| ## | 230711      | 230713      | 230721      | 230722      | 230725      | 230726      |
| ## | 0.712601695 | 0.306424259 | 0.333050001 | 0.333050001 | 0.300192229 | 0.425459694 |
| ## | 230741      | 230743      | 230750      | 230754      | 230758      | 230763      |
| ## | 0.493646061 | 0.691281618 | 0.318788455 | 0.278399944 | 0.296054447 | 0.489583543 |
| ## | 230765      | 230766      | 230774      | 230785      | 230788      | 230797      |
| ## | 0.292604563 | 0.151335558 | 0.313202746 | 0.180509412 | 0.307840032 | 0.161240986 |
| ## | 230808      | 230811      | 230821      | 230825      | 230832      | 230835      |
| ## | 0.301843333 | 0.285874204 | 0.472436706 | 0.613376860 | 0.143352381 | 0.490960141 |
| ## | 230842      | 230848      | 230850      | 230854      | 230857      | 230861      |
| ## | 0.328427780 | 0.107366099 | 0.699352410 | 0.145870002 | 0.146943259 | 0.320748470 |
| ## | 230864      | 230866      | 230867      | 230868      | 230869      | 230870      |
| ## | 0.293067269 | 0.476393347 | 0.301843333 | 0.476393347 | 0.476393347 | 0.304993284 |
| ## | 230873      | 230874      | 230877      | 230883      | 230887      | 230889      |
| ## | 0.480855610 | 0.308658806 | 0.151714441 | 0.164677573 | 0.103735598 | 0.304012781 |
| ## | 230890      | 230891      | 230893      | 230899      | 230903      | 230907      |
| ## | 0.311140406 | 0.149395515 | 0.288350650 | 0.508677237 | 0.329747762 | 0.306546381 |
| ## | 230915      | 230921      | 230927      | 230928      | 230930      | 230935      |
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| ## | 230937      | 230948      | 230950      | 230954      | 230955      | 230962      |
| ## | 0.160145995 | 0.161862127 | 0.283381025 | 0.695578650 | 0.698725256 | 0.475858715 |
| ## | 230964      | 230974      | 230977      | 230984      | 230986      | 230991      |
| ## | 0.316420050 | 0.303143065 | 0.331622078 | 0.330592815 | 0.148740809 | 0.194860560 |
| ## | 230999      | 231000      | 231002      | 231010      | 231012      | 231016      |
| ## | 0.145061270 | 0.145061270 | 0.281267894 | 0.121702671 | 0.361733091 | 0.327730968 |
| ## | 231018      | 231025      | 231028      | 231041      | 231043      | 231051      |
| ## | 0.567956545 | 0.700061936 | 0.136478145 | 0.289937184 | 0.289510405 | 0.156541027 |
| ## | 231054      | 231062      | 231065      | 231077      | 231111      | 231115      |
| ## | 0.289510405 | 0.354173962 | 0.313363940 | 0.164677573 | 0.689988186 | 0.689988186 |
| ## | 231123      | 231128      | 231131      | 231133      | 231140      | 231141      |
| ## | 0.416994404 | 0.391265506 | 0.310171194 | 0.460791982 | 0.312235625 | 0.537399684 |
| ## | 231143      | 231155      | 231157      | 231167      | 231168      | 231170      |
| ## | 0.363675304 | 0.139234799 | 0.317864184 | 0.368097538 | 0.236670469 | 0.459625021 |

|    |             |             |             |             |             |             |
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| ## | 231174      | 231177      | 231180      | 231183      | 231186      | 231187      |
| ## | 0.455925695 | 0.810971825 | 0.455925695 | 0.196875662 | 0.459625021 | 0.091496113 |
| ## | 231191      | 231192      | 231195      | 231198      | 231199      | 231203      |
| ## | 0.459625021 | 0.455925695 | 0.197927996 | 0.459625021 | 0.172679452 | 0.294554174 |
| ## | 231212      | 231215      | 231218      | 231219      | 231234      | 231244      |
| ## | 0.230358322 | 0.703892160 | 0.455925695 | 0.294554174 | 0.236670469 | 0.810971825 |
| ## | 231246      | 231248      | 231256      | 231258      | 231263      | 231270      |
| ## | 0.455925695 | 0.294554174 | 0.371570920 | 0.294554174 | 0.371570920 | 0.371570920 |
| ## | 231287      | 231291      | 231292      | 231305      | 231306      | 231328      |
| ## | 0.294554174 | 0.236670469 | 0.274819675 | 0.294554174 | 0.459625021 | 0.455925695 |
| ## | 231329      | 231332      | 231333      | 231343      | 231346      | 231349      |
| ## | 0.459625021 | 0.327162695 | 0.236670469 | 0.317625896 | 0.317625896 | 0.207106284 |
| ## | 231357      | 231358      | 231359      | 231360      | 231367      | 231368      |
| ## | 0.294790314 | 0.236670469 | 0.294554174 | 0.459625021 | 0.294554174 | 0.459625021 |
| ## | 231375      | 231382      | 231388      | 231393      | 231402      | 231411      |
| ## | 0.675120668 | 0.304012781 | 0.459625021 | 0.122545655 | 0.294554174 | 0.236670469 |
| ## | 231418      | 231431      | 231435      | 231446      | 231468      | 231471      |
| ## | 0.297818568 | 0.159594180 | 0.347121175 | 0.150754731 | 0.319866976 | 0.720937329 |
| ## | 231472      | 231476      | 231482      | 231488      | 231490      | 231498      |
| ## | 0.189848597 | 0.305464249 | 0.189848597 | 0.183842340 | 0.183842340 | 0.705498076 |
| ## | 231505      | 231509      | 231516      | 231525      | 231526      | 231542      |
| ## | 0.324139752 | 0.313770187 | 0.326707626 | 0.294554174 | 0.236670469 | 0.294554174 |
| ## | 231543      | 231564      | 231570      | 231571      | 231575      | 231579      |
| ## | 0.371570920 | 0.318323307 | 0.294554174 | 0.455925695 | 0.302754269 | 0.629368777 |
| ## | 231589      | 231598      | 231600      | 231604      | 231605      | 231609      |
| ## | 0.323117967 | 0.455925695 | 0.720937329 | 0.294554174 | 0.337416316 | 0.294554174 |
| ## | 231613      | 231622      | 231624      | 231630      | 231632      | 231633      |
| ## | 0.294590085 | 0.311234462 | 0.297696619 | 0.287706712 | 0.324139752 | 0.297696619 |
| ## | 231650      | 231653      | 231661      | 231665      | 231666      | 231671      |
| ## | 0.209435955 | 0.162918247 | 0.682099448 | 0.294554174 | 0.347121175 | 0.324223629 |
| ## | 231683      | 231684      | 231694      | 231695      | 231696      | 231700      |
| ## | 0.677627809 | 0.347121175 | 0.322708264 | 0.327162695 | 0.211619769 | 0.327162695 |
| ## | 231710      | 231725      | 231729      | 231735      | 231755      | 231759      |
| ## | 0.723551188 | 0.340093607 | 0.340093607 | 0.319033856 | 0.350506413 | 0.340093607 |
| ## | 231773      | 231774      | 231780      | 231781      | 231783      | 231788      |
| ## | 0.294554174 | 0.459625021 | 0.459625021 | 0.230358322 | 0.230358322 | 0.455925695 |
| ## | 231790      | 231805      | 231807      | 231811      | 231815      | 231838      |
| ## | 0.459625021 | 0.294554174 | 0.455925695 | 0.821853777 | 0.459625021 | 0.459625021 |
| ## | 231846      | 231850      | 231853      | 231866      | 231875      | 231883      |
| ## | 0.368097538 | 0.368097538 | 0.459625021 | 0.459625021 | 0.815962562 | 0.459625021 |
| ## | 231885      | 231888      | 231891      | 231895      | 231898      | 231899      |
| ## | 0.455925695 | 0.294554174 | 0.294554174 | 0.333479602 | 0.236670469 | 0.333479602 |
| ## | 231903      | 231904      | 231908      | 231909      | 231911      | 231913      |
| ## | 0.459625021 | 0.733217756 | 0.336800433 | 0.294554174 | 0.821853777 | 0.455925695 |
| ## | 231921      | 231923      | 231930      | 231932      | 231940      | 231945      |
| ## | 0.336800433 | 0.336800433 | 0.294554174 | 0.459625021 | 0.455925695 | 0.455925695 |
| ## | 231947      | 231948      | 231951      | 231955      | 231965      | 231969      |
| ## | 0.455925695 | 0.459625021 | 0.455925695 | 0.455925695 | 0.455925695 | 0.294554174 |
| ## | 231971      | 231984      | 231985      | 231989      | 231991      | 232002      |
| ## | 0.455925695 | 0.459625021 | 0.455925695 | 0.455925695 | 0.459625021 | 0.455925695 |
| ## | 232006      | 232009      | 232021      | 232022      | 232025      | 232027      |
| ## | 0.455925695 | 0.455925695 | 0.459625021 | 0.294554174 | 0.455925695 | 0.343248404 |
| ## | 232028      | 232030      | 232032      | 232040      | 232042      | 232045      |
| ## | 0.455925695 | 0.459625021 | 0.204180793 | 0.815962562 | 0.738800586 | 0.301524261 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 232046      | 232050      | 232056      | 232061      | 232078      | 232079      |
| ## | 0.343248404 | 0.455925695 | 0.455925695 | 0.815962562 | 0.821529282 | 0.459625021 |
| ## | 232090      | 232091      | 232095      | 232097      | 232098      | 232099      |
| ## | 0.337879920 | 0.459625021 | 0.216229068 | 0.216229068 | 0.236670469 | 0.595298510 |
| ## | 232109      | 232120      | 232122      | 232124      | 232127      | 232141      |
| ## | 0.455925695 | 0.821529282 | 0.459625021 | 0.459625021 | 0.717894873 | 0.459625021 |
| ## | 232143      | 232147      | 232148      | 232150      | 232153      | 232155      |
| ## | 0.455925695 | 0.350506413 | 0.459625021 | 0.815962562 | 0.347121175 | 0.459625021 |
| ## | 232166      | 232174      | 232183      | 232187      | 232193      | 232207      |
| ## | 0.122545655 | 0.728733129 | 0.230358322 | 0.455925695 | 0.347121175 | 0.728733129 |
| ## | 232209      | 232217      | 232218      | 232219      | 232225      | 232226      |
| ## | 0.164381431 | 0.347121175 | 0.459625021 | 0.204323502 | 0.343446364 | 0.347121175 |
| ## | 232236      | 232238      | 232240      | 232242      | 232248      | 232254      |
| ## | 0.347121175 | 0.455925695 | 0.350506413 | 0.343446364 | 0.455925695 | 0.204323502 |
| ## | 232266      | 232268      | 232269      | 232273      | 232275      | 232277      |
| ## | 0.340093607 | 0.347121175 | 0.204323502 | 0.204323502 | 0.209435955 | 0.295224305 |
| ## | 232280      | 232282      | 232284      | 232296      | 232304      | 232312      |
| ## | 0.459625021 | 0.294760713 | 0.340093607 | 0.204323502 | 0.459625021 | 0.347121175 |
| ## | 232318      | 232328      | 232329      | 232332      | 232338      | 232341      |
| ## | 0.350506413 | 0.204323502 | 0.347121175 | 0.347121175 | 0.347121175 | 0.350506413 |
| ## | 232344      | 232348      | 232349      | 232361      | 232363      | 232364      |
| ## | 0.204323502 | 0.204323502 | 0.347121175 | 0.340093607 | 0.204323502 | 0.340093607 |
| ## | 232367      | 232378      | 232383      | 232398      | 232400      | 232407      |
| ## | 0.282287938 | 0.314438278 | 0.189848597 | 0.319866976 | 0.289701951 | 0.166818271 |
| ## | 232414      | 232420      | 232423      | 232428      | 232432      | 232433      |
| ## | 0.266969759 | 0.125508537 | 0.696049580 | 0.696049580 | 0.221263988 | 0.221263988 |
| ## | 232434      | 232440      | 232444      | 232445      | 232447      | 232448      |
| ## | 0.221263988 | 0.318630636 | 0.220290319 | 0.614081331 | 0.264356899 | 0.689218964 |
| ## | 232452      | 232454      | 232455      | 232464      | 232466      | 232468      |
| ## | 0.327162695 | 0.286551268 | 0.265177525 | 0.292384826 | 0.280887788 | 0.289310887 |
| ## | 232473      | 232474      | 232480      | 232488      | 232489      | 232490      |
| ## | 0.268767524 | 0.306101875 | 0.280887788 | 0.725375565 | 0.724934150 | 0.246478385 |
| ## | 232491      | 232495      | 232498      | 232505      | 232517      | 232521      |
| ## | 0.296525603 | 0.325974291 | 0.441211364 | 0.452071056 | 0.126480067 | 0.296525603 |
| ## | 232523      | 232526      | 232527      | 232532      | 232533      | 232535      |
| ## | 0.311917609 | 0.467021147 | 0.467021147 | 0.293529755 | 0.190591926 | 0.213713968 |
| ## | 232536      | 232542      | 232545      | 232546      | 232550      | 232555      |
| ## | 0.363861370 | 0.182224212 | 0.307554617 | 0.712868220 | 0.107366099 | 0.309044135 |
| ## | 232557      | 232560      | 232565      | 232567      | 232568      | 232577      |
| ## | 0.289818642 | 0.267223233 | 0.153181756 | 0.394284732 | 0.394284732 | 0.141303931 |
| ## | 232578      | 232580      | 232584      | 232590      | 232594      | 232605      |
| ## | 0.150550104 | 0.145074252 | 0.187376493 | 0.168242053 | 0.167226986 | 0.092086257 |
| ## | 232612      | 232613      | 232620      | 232629      | 232634      | 232635      |
| ## | 0.183182533 | 0.097011247 | 0.221325957 | 0.204855559 | 0.223905129 | 0.221325957 |
| ## | 232637      | 232640      | 232644      | 232663      | 232667      | 232668      |
| ## | 0.221325957 | 0.221325957 | 0.057237094 | 0.185316904 | 0.535344036 | 0.126534119 |
| ## | 232669      | 232673      | 232678      | 232693      | 232694      | 232696      |
| ## | 0.174027978 | 0.183835588 | 0.137633617 | 0.223905129 | 0.221325957 | 0.221325957 |
| ## | 232698      | 232699      | 232701      | 232703      | 232711      | 232712      |
| ## | 0.221325957 | 0.221325957 | 0.221325957 | 0.223905129 | 0.095008784 | 0.523417048 |
| ## | 232716      | 232717      | 232719      | 232721      | 232734      | 232742      |
| ## | 0.183847500 | 0.225234762 | 0.304571555 | 0.190331238 | 0.221325957 | 0.126534119 |
| ## | 232744      | 232745      | 232748      | 232750      | 232752      | 232754      |
| ## | 0.183237445 | 0.124056220 | 0.075724976 | 0.110819126 | 0.180599516 | 0.238241716 |

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| ## | 232757      | 232759      | 232763      | 232767      | 232769      | 232774      |
| ## | 0.221325957 | 0.221325957 | 0.221325957 | 0.571221263 | 0.187889502 | 0.183182533 |
| ## | 232777      | 232785      | 232791      | 232795      | 232796      | 232797      |
| ## | 0.181017462 | 0.223905129 | 0.099164778 | 0.080538605 | 0.196627677 | 0.187889502 |
| ## | 232799      | 232804      | 232812      | 232813      | 232816      | 232819      |
| ## | 0.086901925 | 0.053105271 | 0.099525065 | 0.221325957 | 0.053151848 | 0.087436701 |
| ## | 232827      | 232835      | 232842      | 232844      | 232845      | 232848      |
| ## | 0.324663132 | 0.374275633 | 0.200066008 | 0.324663132 | 0.099525065 | 0.565252108 |
| ## | 232850      | 232859      | 232861      | 232870      | 232878      | 232888      |
| ## | 0.105688379 | 0.185423056 | 0.087436701 | 0.124056220 | 0.221325957 | 0.187889502 |
| ## | 232891      | 232894      | 232901      | 232902      | 232903      | 232905      |
| ## | 0.190331238 | 0.223905129 | 0.083636811 | 0.083636811 | 0.170851822 | 0.074181800 |
| ## | 232906      | 232927      | 232933      | 232935      | 232942      | 232951      |
| ## | 0.156566471 | 0.076451039 | 0.105326746 | 0.175517599 | 0.294768689 | 0.098115041 |
| ## | 232954      | 232956      | 232957      | 232958      | 232963      | 232967      |
| ## | 0.103022691 | 0.379330100 | 0.080828102 | 0.101269066 | 0.105326746 | 0.151113705 |
| ## | 232968      | 232969      | 232981      | 232983      | 232990      | 232996      |
| ## | 0.105326746 | 0.149239156 | 0.052274969 | 0.184433855 | 0.095659510 | 0.095659510 |
| ## | 233004      | 233006      | 233014      | 233019      | 233031      | 233035      |
| ## | 0.116100746 | 0.060574216 | 0.095659510 | 0.076254753 | 0.095659510 | 0.095659510 |
| ## | 233039      | 233041      | 233044      | 233045      | 233046      | 233063      |
| ## | 0.095659510 | 0.095659510 | 0.060574216 | 0.095659510 | 0.175115191 | 0.095659510 |
| ## | 233065      | 233066      | 233067      | 233072      | 233077      | 233079      |
| ## | 0.177278457 | 0.095659510 | 0.406415586 | 0.060574216 | 0.175115191 | 0.076254753 |
| ## | 233080      | 233081      | 233083      | 233092      | 233094      | 233097      |
| ## | 0.095659510 | 0.095659510 | 0.095659510 | 0.095659510 | 0.095659510 | 0.175115191 |
| ## | 233120      | 233126      | 233127      | 233128      | 233135      | 233137      |
| ## | 0.177278457 | 0.175115191 | 0.095659510 | 0.060574216 | 0.095659510 | 0.095659510 |
| ## | 233139      | 233149      | 233151      | 233157      | 233158      | 233164      |
| ## | 0.057019479 | 0.209330855 | 0.033845723 | 0.465052257 | 0.138139497 | 0.058253254 |
| ## | 233165      | 233166      | 233175      | 233178      | 233180      | 233183      |
| ## | 0.479101336 | 0.251067981 | 0.085713920 | 0.276079554 | 0.085713920 | 0.068174560 |
| ## | 233185      | 233192      | 233198      | 233201      | 233202      | 233207      |
| ## | 0.068174560 | 0.135591128 | 0.152527213 | 0.137347435 | 0.137347435 | 0.143469149 |
| ## | 233214      | 233216      | 233218      | 233221      | 233222      | 233230      |
| ## | 0.068174560 | 0.276079554 | 0.044771927 | 0.126538746 | 0.126538746 | 0.088721312 |
| ## | 233232      | 233242      | 233245      | 233246      | 233254      | 233256      |
| ## | 0.508311155 | 0.435545464 | 0.543416712 | 0.183639728 | 0.473731839 | 0.081257421 |
| ## | 233262      | 233268      | 233269      | 233287      | 233293      | 233308      |
| ## | 0.484308277 | 0.150744624 | 0.162754992 | 0.144111416 | 0.128557737 | 0.093643997 |
| ## | 233313      | 233316      | 233320      | 233326      | 233330      | 233345      |
| ## | 0.035325786 | 0.012924487 | 0.035325786 | 0.064156766 | 0.027411102 | 0.013848618 |
| ## | 233356      | 233358      | 233361      | 233362      | 233367      | 233368      |
| ## | 0.035837203 | 0.035325786 | 0.035837203 | 0.035837203 | 0.035325786 | 0.035325786 |
| ## | 233369      | 233371      | 233376      | 233377      | 233380      | 233383      |
| ## | 0.017919420 | 0.035325786 | 0.035837203 | 0.035325786 | 0.035837203 | 0.035325786 |
| ## | 233385      | 233390      | 233393      | 233399      | 233402      | 233403      |
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| ## | 233410      | 233411      | 233416      | 233426      | 233432      | 233434      |
| ## | 0.041733382 | 0.062234001 | 0.041316173 | 0.128824316 | 0.144085596 | 0.136721983 |
| ## | 233435      | 233441      | 233443      | 233454      | 233463      | 233464      |
| ## | 0.151234547 | 0.145762505 | 0.044628513 | 0.130789656 | 0.054374522 | 0.134747272 |
| ## | 233468      | 233478      | 233481      | 233492      | 233493      | 233494      |
| ## | 0.124702968 | 0.079752207 | 0.128824316 | 0.062223002 | 0.059384805 | 0.266718939 |



|    |             |             |             |             |             |             |
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| ## | 233495      | 233498      | 233502      | 233509      | 233510      | 233511      |
| ## | 0.145762505 | 0.053433426 | 0.073218563 | 0.071185157 | 0.076725918 | 0.297583191 |
| ## | 233517      | 233523      | 233532      | 233533      | 233537      | 233540      |
| ## | 0.144085596 | 0.128824316 | 0.212606424 | 0.325043635 | 0.218943413 | 0.229615146 |
| ## | 233541      | 233543      | 233563      | 233564      | 233572      | 233573      |
| ## | 0.433906850 | 0.032888716 | 0.128824316 | 0.029821074 | 0.053474049 | 0.103207110 |
| ## | 233576      | 233579      | 233580      | 233587      | 233592      | 233600      |
| ## | 0.103207110 | 0.103207110 | 0.053474049 | 0.042227133 | 0.112379799 | 0.201014062 |
| ## | 233601      | 233605      | 233606      | 233611      | 233612      | 233613      |
| ## | 0.109927369 | 0.079929721 | 0.131347925 | 0.087909691 | 0.109927369 | 0.079929721 |
| ## | 233615      | 233618      | 233624      | 233627      | 233628      | 233629      |
| ## | 0.198631086 | 0.081330509 | 0.042671653 | 0.102840465 | 0.038624253 | 0.109927369 |
| ## | 233630      | 233635      | 233637      | 233645      | 233649      | 233652      |
| ## | 0.047516986 | 0.048129895 | 0.042195655 | 0.092961431 | 0.047516986 | 0.113603678 |
| ## | 233658      | 233659      | 233663      | 233667      | 233670      | 233671      |
| ## | 0.062581349 | 0.072837274 | 0.198235823 | 0.105138002 | 0.101764637 | 0.184689536 |
| ## | 233672      | 233673      | 233675      | 233677      | 233678      | 233680      |
| ## | 0.063801571 | 0.113695779 | 0.122951454 | 0.070390100 | 0.066338467 | 0.400723269 |
| ## | 233684      | 233685      | 233690      | 233691      | 233694      | 233703      |
| ## | 0.113695779 | 0.113695779 | 0.049845408 | 0.028601733 | 0.065698435 | 0.181703428 |
| ## | 233706      | 233709      | 233710      | 233711      | 233712      | 233717      |
| ## | 0.040148948 | 0.170938267 | 0.151687235 | 0.149779397 | 0.093163750 | 0.151687235 |
| ## | 233719      | 233726      | 233744      | 233756      | 233759      | 233760      |
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| ## | 233763      | 233764      | 233774      | 233776      | 233784      | 233785      |
| ## | 0.159102481 | 0.058157585 | 0.059823246 | 0.258365959 | 0.075016703 | 0.256694785 |
| ## | 233787      | 233788      | 233790      | 233795      | 233796      | 233806      |
| ## | 0.059823246 | 0.075387878 | 0.072078454 | 0.173513681 | 0.051434006 | 0.237973589 |
| ## | 233816      | 233818      | 233819      | 233827      | 233834      | 233837      |
| ## | 0.085887855 | 0.060493372 | 0.060493372 | 0.400623996 | 0.122378682 | 0.048979927 |
| ## | 233842      | 233851      | 233852      | 233854      | 233871      | 233884      |
| ## | 0.116956975 | 0.048979927 | 0.048979927 | 0.255955495 | 0.402119149 | 0.250774305 |
| ## | 233885      | 233887      | 233888      | 233889      | 233891      | 233896      |
| ## | 0.113654127 | 0.141122058 | 0.400623996 | 0.141122058 | 0.250774305 | 0.141122058 |
| ## | 233898      | 233915      | 233925      | 233931      | 233941      | 233945      |
| ## | 0.111993541 | 0.656513098 | 0.247984521 | 0.445029272 | 0.141122058 | 0.113654127 |
| ## | 233959      | 233971      | 233973      | 233980      | 233987      | 234000      |
| ## | 0.113654127 | 0.141122058 | 0.247984521 | 0.456574783 | 0.188812171 | 0.113654127 |
| ## | 234001      | 234005      | 234009      | 234010      | 234016      | 234018      |
| ## | 0.247984521 | 0.141122058 | 0.445402390 | 0.237973589 | 0.141122058 | 0.247984521 |
| ## | 234029      | 234031      | 234037      | 234039      | 234041      | 234043      |
| ## | 0.147362601 | 0.047372987 | 0.067223981 | 0.059741313 | 0.080020652 | 0.032247778 |
| ## | 234044      | 234050      | 234052      | 234069      | 234071      | 234074      |
| ## | 0.040950401 | 0.040950401 | 0.165571189 | 0.171702066 | 0.058269174 | 0.120251204 |
| ## | 234076      | 234080      | 234094      | 234097      | 234098      | 234103      |
| ## | 0.054680859 | 0.133067376 | 0.086794895 | 0.054846948 | 0.074873102 | 0.294570760 |
| ## | 234112      | 234113      | 234117      | 234119      | 234122      | 234128      |
| ## | 0.069887000 | 0.055390046 | 0.055390046 | 0.234102266 | 0.068936276 | 0.070976777 |
| ## | 234136      | 234137      | 234139      | 234143      | 234153      | 234156      |
| ## | 0.144569377 | 0.317719002 | 0.054680859 | 0.317719002 | 0.046591245 | 0.147924847 |
| ## | 234159      | 234163      | 234164      | 234165      | 234174      | 234206      |
| ## | 0.147924847 | 0.072611897 | 0.338686382 | 0.079378283 | 0.109487987 | 0.080610266 |
| ## | 234207      | 234208      | 234216      | 234217      | 234225      | 234232      |
| ## | 0.080610266 | 0.151540507 | 0.134114829 | 0.134114829 | 0.335475989 | 0.124345768 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 234238      | 234262      | 234265      | 234273      | 234274      | 234282      |
| ## | 0.049137420 | 0.337852948 | 0.054231516 | 0.110044413 | 0.149265555 | 0.103086463 |
| ## | 234283      | 234294      | 234297      | 234306      | 234307      | 234309      |
| ## | 0.030577584 | 0.054224709 | 0.079345770 | 0.249125784 | 0.122932039 | 0.124548000 |
| ## | 234310      | 234312      | 234316      | 234320      | 234324      | 234328      |
| ## | 0.022905564 | 0.220198425 | 0.239137403 | 0.124548000 | 0.122932039 | 0.051052452 |
| ## | 234333      | 234338      | 234345      | 234347      | 234354      | 234358      |
| ## | 0.314392932 | 0.114239592 | 0.109687726 | 0.030218380 | 0.089747108 | 0.061800009 |
| ## | 234360      | 234361      | 234372      | 234380      | 234386      | 234387      |
| ## | 0.139505092 | 0.157064550 | 0.060732673 | 0.056866740 | 0.037753489 | 0.058163828 |
| ## | 234388      | 234389      | 234393      | 234400      | 234403      | 234416      |
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| ## | 234427      | 234430      | 234432      | 234440      | 234441      | 234459      |
| ## | 0.139435149 | 0.256736711 | 0.351735547 | 0.064725048 | 0.083299643 | 0.139435149 |
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| ## | 0.139435149 | 0.380652912 | 0.028298579 | 0.047401348 | 0.070627291 | 0.073637869 |
| ## | 234493      | 234498      | 234502      | 234505      | 234506      | 234508      |
| ## | 0.098873979 | 0.037800731 | 0.072627649 | 0.300365992 | 0.077503020 | 0.166501347 |
| ## | 234513      | 234520      | 234521      | 234527      | 234529      | 234548      |
| ## | 0.052643607 | 0.039609084 | 0.292965581 | 0.037556802 | 0.055996286 | 0.095115383 |
| ## | 234552      | 234573      | 234574      | 234576      | 234579      | 234585      |
| ## | 0.116350526 | 0.252958322 | 0.353969689 | 0.375757641 | 0.212794920 | 0.353969689 |
| ## | 234586      | 234595      | 234597      | 234601      | 234608      | 234613      |
| ## | 0.116350526 | 0.116350526 | 0.252958322 | 0.548324799 | 0.170521909 | 0.226447122 |
| ## | 234614      | 234618      | 234632      | 234642      | 234644      | 234645      |
| ## | 0.125952722 | 0.207606403 | 0.200257691 | 0.095115383 | 0.095115383 | 0.215302166 |
| ## | 234646      | 234662      | 234668      | 234670      | 234672      | 234673      |
| ## | 0.075374812 | 0.097047778 | 0.252958322 | 0.207606403 | 0.422903018 | 0.252958322 |
| ## | 234677      | 234680      | 234687      | 234689      | 234697      | 234698      |
| ## | 0.358106037 | 0.252958322 | 0.252958322 | 0.252958322 | 0.116350526 | 0.252958322 |
| ## | 234707      | 234715      | 234716      | 234724      | 234725      | 234731      |
| ## | 0.255994980 | 0.309700337 | 0.144363983 | 0.252958322 | 0.594388061 | 0.647464784 |
| ## | 234736      | 234750      | 234752      | 234765      | 234782      | 234786      |
| ## | 0.255785028 | 0.144363983 | 0.255785028 | 0.116350526 | 0.093171544 | 0.252958322 |
| ## | 234797      | 234802      | 234803      | 234805      | 234807      | 234815      |
| ## | 0.107894616 | 0.252958322 | 0.144363983 | 0.657895485 | 0.086288268 | 0.085097570 |
| ## | 234819      | 234821      | 234825      | 234844      | 234846      | 234852      |
| ## | 0.173749744 | 0.215302166 | 0.252958322 | 0.153190904 | 0.153190904 | 0.180758432 |
| ## | 234860      | 234912      | 234930      | 234935      | 234939      | 234942      |
| ## | 0.209551242 | 0.224780805 | 0.118702909 | 0.252958322 | 0.144363983 | 0.252958322 |
| ## | 234945      | 234947      | 234949      | 234954      | 234955      | 234956      |
| ## | 0.144363983 | 0.252958322 | 0.144363983 | 0.144363983 | 0.416086983 | 0.116350526 |
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| ## | 0.252958322 | 0.102721505 | 0.186831116 | 0.186831116 | 0.075832351 | 0.189671613 |
| ## | 235007      | 235011      | 235017      | 235023      | 235028      | 235029      |
| ## | 0.325920364 | 0.317733154 | 0.533399287 | 0.078576867 | 0.528919688 | 0.186831116 |
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| ## | 235099      | 235107      | 235108      | 235111      | 235116      | 235117      |
| ## | 0.179861635 | 0.102721505 | 0.078576867 | 0.098509522 | 0.283982246 | 0.508154785 |
| ## | 235119      | 235120      | 235131      | 235132      | 235134      | 235135      |
| ## | 0.307728478 | 0.383070745 | 0.151054683 | 0.144201113 | 0.147693838 | 0.078576867 |
| ## | 235137      | 235138      | 235139      | 235144      | 235170      | 235172      |
| ## | 0.078576867 | 0.147693838 | 0.170942713 | 0.549752013 | 0.102274380 | 0.153600213 |

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| ## | 235177      | 235181      | 235182      | 235185      | 235187      | 235195      |
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| ## | 235202      | 235205      | 235206      | 235214      | 235216      | 235217      |
| ## | 0.356964657 | 0.104126608 | 0.104126608 | 0.073873750 | 0.039944162 | 0.070321001 |
| ## | 235218      | 235224      | 235229      | 235231      | 235232      | 235242      |
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| ## | 235248      | 235252      | 235260      | 235261      | 235265      | 235279      |
| ## | 0.183772457 | 0.182290827 | 0.171315105 | 0.108757622 | 0.086951349 | 0.196185172 |
| ## | 235280      | 235287      | 235290      | 235295      | 235299      | 235304      |
| ## | 0.179701693 | 0.044411016 | 0.185762887 | 0.185145287 | 0.102073817 | 0.104490644 |
| ## | 235307      | 235320      | 235332      | 235335      | 235347      | 235349      |
| ## | 0.116353721 | 0.074820803 | 0.185348859 | 0.108757622 | 0.552538457 | 0.552538457 |
| ## | 235355      | 235359      | 235360      | 235362      | 235367      | 235372      |
| ## | 0.072359602 | 0.185762887 | 0.194662042 | 0.118236419 | 0.101265709 | 0.100508373 |
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| ## | 0.523280342 | 0.113681393 | 0.090988675 | 0.086951349 | 0.100508373 | 0.136734885 |
| ## | 235496      | 235497      | 235502      | 235506      | 235510      | 235521      |
| ## | 0.067127464 | 0.178027047 | 0.185348859 | 0.180759172 | 0.178027047 | 0.084328725 |
| ## | 235522      | 235527      | 235528      | 235529      | 235532      | 235534      |
| ## | 0.185762887 | 0.181547433 | 0.106758899 | 0.111308574 | 0.093625631 | 0.167083573 |
| ## | 235540      | 235541      | 235549      | 235553      | 235559      | 235565      |
| ## | 0.227968563 | 0.105251439 | 0.111308574 | 0.188671789 | 0.421285468 | 0.172344315 |
| ## | 235570      | 235577      | 235583      | 235588      | 235593      | 235596      |
| ## | 0.160107393 | 0.185348859 | 0.071132340 | 0.314553173 | 0.172863177 | 0.108757622 |
| ## | 235601      | 235602      | 235605      | 235606      | 235610      | 235611      |
| ## | 0.154351162 | 0.093625631 | 0.135156925 | 0.122940829 | 0.136734885 | 0.101863805 |
| ## | 235612      | 235616      | 235619      | 235632      | 235642      | 235643      |
| ## | 0.174070831 | 0.107541391 | 0.095034418 | 0.090665147 | 0.178572177 | 0.237078940 |
| ## | 235648      | 235660      | 235661      | 235665      | 235668      | 235669      |
| ## | 0.086951349 | 0.049609179 | 0.062085015 | 0.059706770 | 0.082708684 | 0.078065667 |
| ## | 235672      | 235673      | 235675      | 235677      | 235679      | 235682      |
| ## | 0.066917869 | 0.073835230 | 0.087451763 | 0.111463770 | 0.133571023 | 0.142749858 |
| ## | 235695      | 235699      | 235709      | 235712      | 235727      | 235735      |
| ## | 0.143264038 | 0.272109591 | 0.262321283 | 0.087451763 | 0.045614708 | 0.155425368 |
| ## | 235736      | 235738      | 235740      | 235745      | 235751      | 235773      |
| ## | 0.138979488 | 0.051001094 | 0.062085015 | 0.063512532 | 0.059548795 | 0.140392112 |
| ## | 235778      | 235780      | 235784      | 235786      | 235792      | 235795      |
| ## | 0.064427697 | 0.153479021 | 0.030597749 | 0.060973114 | 0.126847862 | 0.112830106 |
| ## | 235798      | 235802      | 235815      | 235825      | 235827      | 235830      |
| ## | 0.135305259 | 0.087525801 | 0.156982970 | 0.083783155 | 0.083783155 | 0.079826216 |
| ## | 235833      | 235835      | 235853      | 235862      | 235865      | 235866      |
| ## | 0.057860070 | 0.033331269 | 0.071774841 | 0.110954296 | 0.393556942 | 0.243458665 |
| ## | 235867      | 235870      | 235872      | 235875      | 235878      | 235881      |
| ## | 0.052551052 | 0.152351163 | 0.063251929 | 0.155065693 | 0.129729875 | 0.136042486 |
| ## | 235883      | 235888      | 235892      | 235896      | 235899      | 235902      |
| ## | 0.115362678 | 0.066610097 | 0.155065693 | 0.065196295 | 0.078738316 | 0.109831263 |
| ## | 235904      | 235905      | 235909      | 235910      | 235911      | 235918      |
| ## | 0.065834735 | 0.074244540 | 0.055305159 | 0.233811288 | 0.069117053 | 0.053308027 |
| ## | 235919      | 235923      | 235926      | 235941      | 235945      | 235960      |
| ## | 0.083783155 | 0.083783155 | 0.130852859 | 0.057383031 | 0.279054444 | 0.075575783 |

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| ## | 235963      | 235964      | 235972      | 235973      | 235984      | 235986      |
| ## | 0.044215175 | 0.108677812 | 0.059003567 | 0.308203268 | 0.065382497 | 0.045007926 |
| ## | 235991      | 235995      | 236015      | 236017      | 236019      | 236020      |
| ## | 0.027658001 | 0.065382497 | 0.050956546 | 0.106477514 | 0.216982225 | 0.079543508 |
| ## | 236024      | 236025      | 236027      | 236029      | 236033      | 236035      |
| ## | 0.121200718 | 0.053522249 | 0.190969509 | 0.034951750 | 0.022962122 | 0.046459323 |
| ## | 236042      | 236048      | 236050      | 236054      | 236055      | 236059      |
| ## | 0.094020937 | 0.063219634 | 0.161591621 | 0.160763069 | 0.147821881 | 0.085686616 |
| ## | 236070      | 236076      | 236093      | 236096      | 236099      | 236100      |
| ## | 0.055960201 | 0.117208655 | 0.055960201 | 0.048710688 | 0.094161709 | 0.066476424 |
| ## | 236107      | 236109      | 236127      | 236134      | 236136      | 236140      |
| ## | 0.057303653 | 0.057303653 | 0.027263982 | 0.027901583 | 0.131971582 | 0.248233717 |
| ## | 236146      | 236149      | 236150      | 236152      | 236167      | 236169      |
| ## | 0.070560115 | 0.125202911 | 0.444149429 | 0.165129684 | 0.058732567 | 0.070560115 |
| ## | 236191      | 236194      | 236197      | 236203      | 236206      | 236208      |
| ## | 0.467625507 | 0.131971582 | 0.046563797 | 0.056140125 | 0.138276861 | 0.074035775 |
| ## | 236211      | 236217      | 236222      | 236223      | 236224      | 236225      |
| ## | 0.467988271 | 0.080158211 | 0.165129684 | 0.084809957 | 0.131971582 | 0.034714941 |
| ## | 236266      | 236272      | 236283      | 236293      | 236294      | 236307      |
| ## | 0.067558384 | 0.073588444 | 0.163343223 | 0.132668224 | 0.070818674 | 0.071418442 |
| ## | 236309      | 236312      | 236313      | 236314      | 236316      | 236326      |
| ## | 0.073618405 | 0.035432002 | 0.035474304 | 0.035474304 | 0.078054371 | 0.339840394 |
| ## | 236329      | 236340      | 236346      | 236347      | 236353      | 236354      |
| ## | 0.063308926 | 0.142576614 | 0.148857726 | 0.064049216 | 0.277922719 | 0.138749256 |
| ## | 236356      | 236363      | 236365      | 236367      | 236376      | 236380      |
| ## | 0.074400562 | 0.074035775 | 0.138276861 | 0.138276861 | 0.376426145 | 0.070420435 |
| ## | 236386      | 236387      | 236389      | 236393      | 236396      | 236399      |
| ## | 0.279067262 | 0.200326315 | 0.060776321 | 0.128354669 | 0.096884877 | 0.034781274 |
| ## | 236409      | 236413      | 236415      | 236418      | 236425      | 236429      |
| ## | 0.079387747 | 0.386185441 | 0.056729013 | 0.109140263 | 0.138461978 | 0.230782122 |
| ## | 236432      | 236435      | 236441      | 236442      | 236445      | 236450      |
| ## | 0.119005198 | 0.023081192 | 0.130703013 | 0.045809064 | 0.039066693 | 0.141086419 |
| ## | 236451      | 236458      | 236466      | 236470      | 236472      | 236475      |
| ## | 0.194945924 | 0.039907654 | 0.153717585 | 0.033671189 | 0.153717585 | 0.269851934 |
| ## | 236478      | 236491      | 236502      | 236510      | 236511      | 236517      |
| ## | 0.279113171 | 0.132034165 | 0.122452102 | 0.132755119 | 0.282466768 | 0.137835713 |
| ## | 236521      | 236526      | 236528      | 236529      | 236535      | 236537      |
| ## | 0.442556500 | 0.125078096 | 0.134742774 | 0.134742774 | 0.134742774 | 0.143885438 |
| ## | 236544      | 236547      | 236555      | 236557      | 236559      | 236563      |
| ## | 0.391640541 | 0.063579001 | 0.442556500 | 0.271293999 | 0.121534913 | 0.268815705 |
| ## | 236565      | 236571      | 236578      | 236581      | 236584      | 236587      |
| ## | 0.273034239 | 0.435701592 | 0.268815705 | 0.275651365 | 0.275651365 | 0.132649865 |
| ## | 236607      | 236612      | 236614      | 236616      | 236617      | 236621      |
| ## | 0.243984358 | 0.319928217 | 0.255837015 | 0.128903048 | 0.275651365 | 0.253582395 |
| ## | 236622      | 236624      | 236625      | 236629      | 236631      | 236632      |
| ## | 0.651105608 | 0.285310687 | 0.435701592 | 0.439293777 | 0.404892817 | 0.233188234 |
| ## | 236633      | 236634      | 236635      | 236637      | 236645      | 236655      |
| ## | 0.240221021 | 0.442556500 | 0.442556500 | 0.279118542 | 0.263562523 | 0.115007348 |
| ## | 236658      | 236668      | 236678      | 236689      | 236701      | 236706      |
| ## | 0.137835713 | 0.632320992 | 0.404459111 | 0.452627713 | 0.381635088 | 0.381635088 |
| ## | 236710      | 236714      | 236716      | 236720      | 236723      | 236726      |
| ## | 0.291352048 | 0.072480228 | 0.194972783 | 0.268188425 | 0.268188425 | 0.119402727 |
| ## | 236727      | 236730      | 236731      | 236733      | 236736      | 236749      |
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| ## | 236757      | 236761      | 236764      | 236770      | 236772      | 236773      |
| ## | 0.325182518 | 0.282281452 | 0.241145699 | 0.457338009 | 0.285956856 | 0.472460993 |
| ## | 236774      | 236777      | 236795      | 236796      | 236808      | 236813      |
| ## | 0.457338009 | 0.194972783 | 0.159845428 | 0.276324427 | 0.263562523 | 0.196355790 |
| ## | 236817      | 236818      | 236820      | 236821      | 236822      | 236831      |
| ## | 0.109018758 | 0.235480385 | 0.268609182 | 0.282281452 | 0.279118542 | 0.285956856 |
| ## | 236832      | 236837      | 236843      | 236845      | 236847      | 236856      |
| ## | 0.285956856 | 0.313167758 | 0.104492791 | 0.082778297 | 0.109483774 | 0.273034239 |
| ## | 236863      | 236869      | 236872      | 236882      | 236885      | 236887      |
| ## | 0.381635088 | 0.121534913 | 0.285956856 | 0.107683245 | 0.094837970 | 0.173742371 |
| ## | 236889      | 236893      | 236907      | 236910      | 236913      | 236934      |
| ## | 0.298844091 | 0.188259326 | 0.553420623 | 0.553420623 | 0.285122133 | 0.141518143 |
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| ## | 236963      | 236966      | 236975      | 236976      | 236990      | 236991      |
| ## | 0.237990283 | 0.237990283 | 0.235298053 | 0.157758573 | 0.665352867 | 0.295183946 |
| ## | 236995      | 237003      | 237007      | 237012      | 237015      | 237023      |
| ## | 0.295183946 | 0.295183946 | 0.295183946 | 0.298294095 | 0.130123052 | 0.268144514 |
| ## | 237026      | 237033      | 237040      | 237042      | 237046      | 237049      |
| ## | 0.298294095 | 0.268144514 | 0.268144514 | 0.268144514 | 0.067518173 | 0.171360268 |
| ## | 237056      | 237061      | 237066      | 237068      | 237074      | 237085      |
| ## | 0.278345023 | 0.284134034 | 0.557543311 | 0.165114152 | 0.275361250 | 0.284134034 |
| ## | 237094      | 237102      | 237104      | 237106      | 237111      | 237120      |
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| ## | 237127      | 237132      | 237140      | 237153      | 237154      | 237157      |
| ## | 0.656352041 | 0.275003850 | 0.284134034 | 0.272042391 | 0.123678231 | 0.672433934 |
| ## | 237159      | 237166      | 237169      | 237175      | 237183      | 237187      |
| ## | 0.272042391 | 0.116283026 | 0.276121024 | 0.208786042 | 0.282014001 | 0.664563151 |
| ## | 237206      | 237214      | 237215      | 237218      | 237221      | 237222      |
| ## | 0.265258313 | 0.665276719 | 0.664783346 | 0.268173125 | 0.268173125 | 0.646574085 |
| ## | 237224      | 237231      | 237233      | 237242      | 237247      | 237253      |
| ## | 0.268173125 | 0.297608700 | 0.230214566 | 0.149314766 | 0.230214566 | 0.699938005 |
| ## | 237255      | 237256      | 237268      | 237270      | 237287      | 237289      |
| ## | 0.246402124 | 0.545973163 | 0.286106753 | 0.243645162 | 0.669067940 | 0.282921478 |
| ## | 237295      | 237301      | 237304      | 237309      | 237313      | 237320      |
| ## | 0.285954844 | 0.186951646 | 0.300733495 | 0.286137677 | 0.706890534 | 0.286137677 |
| ## | 237323      | 237324      | 237325      | 237331      | 237333      | 237339      |
| ## | 0.300733495 | 0.293041735 | 0.669067940 | 0.289963720 | 0.695259331 | 0.300733495 |
| ## | 237340      | 237341      | 237347      | 237358      | 237359      | 237367      |
| ## | 0.289963720 | 0.300733495 | 0.169078627 | 0.169078627 | 0.412965080 | 0.289963720 |
| ## | 237368      | 237370      | 237374      | 237375      | 237379      | 237389      |
| ## | 0.189022644 | 0.289963720 | 0.293041735 | 0.249817127 | 0.183467185 | 0.234101531 |
| ## | 237391      | 237393      | 237397      | 237403      | 237406      | 237408      |
| ## | 0.273765831 | 0.685323327 | 0.273765831 | 0.274950174 | 0.249534588 | 0.193438270 |
| ## | 237414      | 237420      | 237423      | 237439      | 237445      | 237447      |
| ## | 0.258684751 | 0.283397297 | 0.248649542 | 0.144524672 | 0.272119712 | 0.248649542 |
| ## | 237450      | 237452      | 237456      | 237463      | 237466      | 237469      |
| ## | 0.275081694 | 0.527321182 | 0.286433727 | 0.544829170 | 0.144524672 | 0.424641671 |
| ## | 237471      | 237479      | 237487      | 237493      | 237495      | 237497      |
| ## | 0.193402959 | 0.193402959 | 0.247847798 | 0.268112689 | 0.250636557 | 0.232807873 |
| ## | 237505      | 237514      | 237527      | 237541      | 237548      | 237549      |
| ## | 0.125661719 | 0.138528128 | 0.272562465 | 0.184696840 | 0.155358748 | 0.622960994 |
| ## | 237550      | 237553      | 237557      | 237561      | 237566      | 237567      |
| ## | 0.243984358 | 0.228141846 | 0.197614871 | 0.552473698 | 0.176059843 | 0.121672665 |

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| ## | 237570      | 237577      | 237578      | 237579      | 237583      | 237586      |
| ## | 0.275651365 | 0.085824565 | 0.033206373 | 0.145055797 | 0.152581303 | 0.061221209 |
| ## | 237588      | 237590      | 237594      | 237595      | 237597      | 237602      |
| ## | 0.061221209 | 0.041492099 | 0.152581303 | 0.143217285 | 0.084532260 | 0.180796982 |
| ## | 237605      | 237606      | 237607      | 237608      | 237610      | 237615      |
| ## | 0.071301854 | 0.119317307 | 0.143217285 | 0.256363578 | 0.154518344 | 0.073778211 |
| ## | 237618      | 237625      | 237629      | 237632      | 237643      | 237645      |
| ## | 0.412675517 | 0.159281968 | 0.152531767 | 0.122216687 | 0.660105133 | 0.161287884 |
| ## | 237646      | 237665      | 237675      | 237685      | 237688      | 237700      |
| ## | 0.159281968 | 0.116983347 | 0.043954296 | 0.412675517 | 0.294486237 | 0.654513330 |
| ## | 237705      | 237719      | 237720      | 237721      | 237728      | 237737      |
| ## | 0.263656935 | 0.127080774 | 0.089000027 | 0.123506835 | 0.107332668 | 0.261368652 |
| ## | 237738      | 237750      | 237756      | 237762      | 237763      | 237767      |
| ## | 0.662082348 | 0.099263861 | 0.135493098 | 0.290330773 | 0.458931920 | 0.250210671 |
| ## | 237770      | 237776      | 237785      | 237790      | 237796      | 237800      |
| ## | 0.155748869 | 0.642490924 | 0.251931142 | 0.656854415 | 0.266477370 | 0.107124586 |
| ## | 237805      | 237807      | 237808      | 237810      | 237811      | 237813      |
| ## | 0.066856274 | 0.166731246 | 0.270498464 | 0.266477370 | 0.167243167 | 0.653137488 |
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| ## | 0.772454265 | 0.448563581 | 0.780745701 | 0.405870218 | 0.775063220 | 0.405870218 |
| ## | 237845      | 237847      | 237853      | 237855      | 237856      | 237857      |
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| ## | 237890      | 237892      | 237905      | 237915      | 237924      | 237926      |
| ## | 0.251132936 | 0.405870218 | 0.645251497 | 0.775063220 | 0.251132936 | 0.775063220 |
| ## | 237927      | 237954      | 237958      | 237963      | 237971      | 237972      |
| ## | 0.405870218 | 0.193800640 | 0.402281456 | 0.216776723 | 0.780745701 | 0.402281456 |
| ## | 237985      | 237992      | 237995      | 238003      | 238015      | 238021      |
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| ## | 0.121195131 | 0.775063220 | 0.251132936 | 0.251132936 | 0.775063220 | 0.775063220 |
| ## | 238057      | 238059      | 238060      | 238069      | 238070      | 238077      |
| ## | 0.299920457 | 0.775063220 | 0.251132936 | 0.683631830 | 0.199370546 | 0.686846327 |
| ## | 238079      | 238083      | 238086      | 238091      | 238101      | 238102      |
| ## | 0.686846327 | 0.775063220 | 0.175912829 | 0.775063220 | 0.251132936 | 0.251132936 |
| ## | 238113      | 238114      | 238115      | 238118      | 238119      | 238120      |
| ## | 0.301001302 | 0.787470614 | 0.251132936 | 0.251132936 | 0.301001302 | 0.405870218 |
| ## | 238132      | 238136      | 238140      | 238150      | 238152      | 238158      |
| ## | 0.775063220 | 0.251132936 | 0.775063220 | 0.772454265 | 0.402281456 | 0.780745701 |
| ## | 238167      | 238181      | 238183      | 238190      | 238191      | 238192      |
| ## | 0.684742968 | 0.684742968 | 0.684742968 | 0.405870218 | 0.301001302 | 0.775063220 |
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| ## | 0.684742968 | 0.297874909 | 0.199370546 | 0.775063220 | 0.684742968 | 0.684742968 |
| ## | 238222      | 238226      | 238228      | 238232      | 238239      | 238240      |
| ## | 0.775063220 | 0.628458748 | 0.405870218 | 0.780745701 | 0.402281456 | 0.775063220 |
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| ## | 0.251132936 | 0.402281456 | 0.251132936 | 0.628458748 | 0.775063220 | 0.251132936 |
| ## | 238266      | 238268      | 238279      | 238288      | 238293      | 238296      |
| ## | 0.780745701 | 0.775063220 | 0.251132936 | 0.775063220 | 0.199370546 | 0.152659931 |
| ## | 238297      | 238308      | 238309      | 238325      | 238332      | 238336      |
| ## | 0.402281456 | 0.251132936 | 0.775063220 | 0.193800640 | 0.251132936 | 0.775063220 |
| ## | 238337      | 238338      | 238342      | 238346      | 238351      | 238363      |
| ## | 0.251132936 | 0.772454265 | 0.780745701 | 0.057145081 | 0.251132936 | 0.511405123 |

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| ## | 238364      | 238370      | 238373      | 238377      | 238378      | 238394      |
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| ## | 238395      | 238397      | 238402      | 238405      | 238414      | 238420      |
| ## | 0.405870218 | 0.402281456 | 0.168269585 | 0.775063220 | 0.251132936 | 0.136997704 |
| ## | 238424      | 238426      | 238432      | 238435      | 238444      | 238445      |
| ## | 0.442297608 | 0.247064553 | 0.405870218 | 0.251132936 | 0.548023627 | 0.405870218 |
| ## | 238449      | 238450      | 238453      | 238460      | 238499      | 238501      |
| ## | 0.775063220 | 0.251132936 | 0.775063220 | 0.120684382 | 0.193800640 | 0.240067059 |
| ## | 238505      | 238519      | 238520      | 238523      | 238527      | 238528      |
| ## | 0.214722860 | 0.199370546 | 0.405870218 | 0.784965641 | 0.402281456 | 0.146713732 |
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| ## | 0.775063220 | 0.775063220 | 0.534506997 | 0.534506997 | 0.775063220 | 0.243497151 |
| ## | 238552      | 238554      | 238559      | 238565      | 238566      | 238568      |
| ## | 0.130002250 | 0.476584521 | 0.251132936 | 0.141810883 | 0.324868002 | 0.780745701 |
| ## | 238573      | 238575      | 238582      | 238585      | 238586      | 238588      |
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| ## | 238607      | 238613      | 238616      | 238618      | 238636      | 238637      |
| ## | 0.775063220 | 0.251132936 | 0.402281456 | 0.405870218 | 0.251132936 | 0.628458748 |
| ## | 238638      | 238652      | 238653      | 238657      | 238658      | 238670      |
| ## | 0.126035652 | 0.091280916 | 0.391519329 | 0.498160257 | 0.071059167 | 0.438014642 |
| ## | 238671      | 238683      | 238686      | 238699      | 238701      | 238705      |
| ## | 0.061314405 | 0.068212844 | 0.355112682 | 0.088488457 | 0.174395136 | 0.095500994 |
| ## | 238709      | 238712      | 238717      | 238722      | 238726      | 238742      |
| ## | 0.394173231 | 0.076029155 | 0.070439120 | 0.211960403 | 0.076321222 | 0.042138070 |
| ## | 238747      | 238749      | 238750      | 238754      | 238758      | 238770      |
| ## | 0.088488457 | 0.336004559 | 0.088488457 | 0.512397055 | 0.232658136 | 0.232663537 |
| ## | 238783      | 238785      | 238796      | 238799      | 238806      | 238807      |
| ## | 0.076029155 | 0.412983304 | 0.179382387 | 0.217845189 | 0.068176786 | 0.039643267 |
| ## | 238813      | 238818      | 238830      | 238831      | 238841      | 238848      |
| ## | 0.116637627 | 0.152421195 | 0.209481683 | 0.111041245 | 0.166253856 | 0.055252968 |
| ## | 238850      | 238860      | 238861      | 238864      | 238869      | 238878      |
| ## | 0.168103304 | 0.080385186 | 0.080385186 | 0.313018857 | 0.075982375 | 0.072692972 |
| ## | 238888      | 238894      | 238895      | 238907      | 238915      | 238926      |
| ## | 0.036992009 | 0.162275300 | 0.070048012 | 0.035320366 | 0.065781627 | 0.088488457 |
| ## | 238933      | 238936      | 238938      | 238941      | 238969      | 238978      |
| ## | 0.088488457 | 0.093416992 | 0.116637627 | 0.154153040 | 0.403524037 | 0.209481683 |
| ## | 238983      | 238991      | 238996      | 239005      | 239007      | 239013      |
| ## | 0.088488457 | 0.089904382 | 0.095500994 | 0.163595513 | 0.072692972 | 0.522382136 |
| ## | 239025      | 239026      | 239030      | 239031      | 239034      | 239036      |
| ## | 0.091280916 | 0.379586782 | 0.091785930 | 0.170723780 | 0.166657876 | 0.076125686 |
| ## | 239039      | 239040      | 239044      | 239045      | 239046      | 239048      |
| ## | 0.107508372 | 0.155482599 | 0.137332796 | 0.536297976 | 0.076029155 | 0.155302358 |
| ## | 239059      | 239061      | 239071      | 239073      | 239085      | 239088      |
| ## | 0.095228451 | 0.061314405 | 0.078195100 | 0.076125686 | 0.095228451 | 0.116637627 |
| ## | 239092      | 239098      | 239099      | 239107      | 239122      | 239128      |
| ## | 0.090378336 | 0.078827547 | 0.087234760 | 0.089904382 | 0.183536570 | 0.080385186 |
| ## | 239131      | 239133      | 239138      | 239141      | 239148      | 239149      |
| ## | 0.151944924 | 0.105045050 | 0.091820870 | 0.234840599 | 0.496475336 | 0.044237146 |
| ## | 239159      | 239160      | 239161      | 239164      | 239165      | 239168      |
| ## | 0.040959820 | 0.189711236 | 0.064454157 | 0.090585594 | 0.185392864 | 0.151448348 |
| ## | 239179      | 239181      | 239185      | 239188      | 239198      | 239199      |
| ## | 0.074946927 | 0.120192908 | 0.067351661 | 0.070523192 | 0.110319989 | 0.100852951 |

|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 239205      | 239209      | 239210      | 239211      | 239217      | 239226      |
| ## | 0.088044279 | 0.059849561 | 0.074946927 | 0.122154057 | 0.133515516 | 0.067351661 |
| ## | 239231      | 239234      | 239252      | 239253      | 239258      | 239260      |
| ## | 0.044445873 | 0.108796236 | 0.110166643 | 0.578481540 | 0.111802138 | 0.076291677 |
| ## | 239289      | 239291      | 239302      | 239306      | 239308      | 239310      |
| ## | 0.228788496 | 0.269334689 | 0.233326197 | 0.402473391 | 0.105509771 | 0.381834193 |
| ## | 239327      | 239328      | 239329      | 239331      | 239342      | 239345      |
| ## | 0.125367156 | 0.388353179 | 0.269334689 | 0.232741817 | 0.166792823 | 0.701464219 |
| ## | 239348      | 239356      | 239385      | 239392      | 239409      | 239411      |
| ## | 0.111371375 | 0.244547557 | 0.150063198 | 0.660302389 | 0.698364717 | 0.286607352 |
| ## | 239420      | 239427      | 239442      | 239447      | 239449      | 239457      |
| ## | 0.117363151 | 0.042497424 | 0.286607352 | 0.203813172 | 0.090529489 | 0.087608585 |
| ## | 239467      | 239470      | 239479      | 239480      | 239483      | 239487      |
| ## | 0.209120970 | 0.120496834 | 0.286607352 | 0.647224052 | 0.055282707 | 0.135114377 |
| ## | 239521      | 239526      | 239532      | 239533      | 239536      | 239544      |
| ## | 0.124747328 | 0.461389176 | 0.151315371 | 0.151315371 | 0.185975472 | 0.151315371 |
| ## | 239545      | 239554      | 239567      | 239575      | 239578      | 239579      |
| ## | 0.151315371 | 0.151315371 | 0.049882151 | 0.092093355 | 0.556916092 | 0.128475670 |
| ## | 239587      | 239593      | 239599      | 239601      | 239606      | 239613      |
| ## | 0.058693793 | 0.185975472 | 0.151315371 | 0.090292248 | 0.185975472 | 0.151315371 |
| ## | 239614      | 239619      | 239637      | 239638      | 239641      | 239645      |
| ## | 0.151315371 | 0.185975472 | 0.481698215 | 0.314370614 | 0.185975472 | 0.151315371 |
| ## | 239646      | 239651      | 239653      | 239663      | 239681      | 239702      |
| ## | 0.216872024 | 0.111853359 | 0.041788283 | 0.314370614 | 0.151315371 | 0.317591827 |
| ## | 239710      | 239713      | 239725      | 239727      | 239729      | 239732      |
| ## | 0.314370614 | 0.314370614 | 0.102397962 | 0.165559906 | 0.071625459 | 0.087980777 |
| ## | 239741      | 239748      | 239767      | 239790      | 239793      | 239794      |
| ## | 0.429919608 | 0.228487020 | 0.207770777 | 0.112832835 | 0.185326456 | 0.065227168 |
| ## | 239802      | 239810      | 239819      | 239821      | 239833      | 239838      |
| ## | 0.207770777 | 0.265624580 | 0.072605584 | 0.124271538 | 0.054019718 | 0.047798119 |
| ## | 239847      | 239848      | 239857      | 239864      | 239870      | 239876      |
| ## | 0.046770196 | 0.220598318 | 0.060899289 | 0.338259602 | 0.207224872 | 0.105464816 |
| ## | 239884      | 239887      | 239890      | 239892      | 239896      | 239897      |
| ## | 0.042457185 | 0.105930038 | 0.063917946 | 0.217385641 | 0.061076883 | 0.052399554 |
| ## | 239902      | 239903      | 239907      | 239913      | 239917      | 239919      |
| ## | 0.139714622 | 0.138591288 | 0.029533835 | 0.081987787 | 0.072582287 | 0.149274135 |
| ## | 239920      | 239921      | 239923      | 239925      | 239926      | 239930      |
| ## | 0.123693106 | 0.118447377 | 0.440640480 | 0.124586637 | 0.063320764 | 0.045022531 |
| ## | 239935      | 239936      | 239942      | 239943      | 239954      | 239956      |
| ## | 0.031698161 | 0.069341034 | 0.102883475 | 0.102883475 | 0.089558721 | 0.133922742 |
| ## | 239959      | 239963      | 239966      | 239969      | 239970      | 239972      |
| ## | 0.122102318 | 0.057548033 | 0.127088008 | 0.074216705 | 0.122263913 | 0.038742803 |
| ## | 239977      | 239985      | 239986      | 239990      | 239991      | 239995      |
| ## | 0.467777997 | 0.234776532 | 0.055503105 | 0.072566397 | 0.034790770 | 0.213946329 |
| ## | 240006      | 240007      | 240008      | 240014      | 240017      | 240030      |
| ## | 0.461453526 | 0.060077346 | 0.443841935 | 0.090741517 | 0.133985629 | 0.125819880 |
| ## | 240036      | 240045      | 240054      | 240055      | 240068      | 240072      |
| ## | 0.213946329 | 0.059961032 | 0.086589050 | 0.162911419 | 0.140593796 | 0.143146168 |
| ## | 240074      | 240078      | 240081      | 240082      | 240083      | 240091      |
| ## | 0.093824816 | 0.139880050 | 0.213946329 | 0.267259700 | 0.213946329 | 0.062477921 |
| ## | 240093      | 240096      | 240106      | 240110      | 240116      | 240117      |
| ## | 0.213946329 | 0.422414097 | 0.047126623 | 0.141173895 | 0.116574545 | 0.132824274 |
| ## | 240121      | 240125      | 240126      | 240129      | 240131      | 240135      |
| ## | 0.130716338 | 0.125984689 | 0.224379168 | 0.224379168 | 0.075143002 | 0.064821167 |



|    |             |             |             |             |             |             |
|----|-------------|-------------|-------------|-------------|-------------|-------------|
| ## | 240138      | 240139      | 240140      | 240146      | 240147      | 240163      |
| ## | 0.062477921 | 0.357961747 | 0.038043742 | 0.095707457 | 0.144816577 | 0.035134577 |
| ## | 240164      | 240166      | 240168      | 240176      | 240178      | 240180      |
| ## | 0.122466106 | 0.079672012 | 0.037033346 | 0.061362106 | 0.090741517 | 0.142980589 |
| ## | 240184      | 240185      | 240187      | 240189      | 240193      | 240197      |
| ## | 0.089545148 | 0.492466886 | 0.195413231 | 0.035475770 | 0.213946329 | 0.213946329 |
| ## | 240201      | 240217      | 240232      | 240234      | 240236      | 240241      |
| ## | 0.075239750 | 0.150971511 | 0.094412614 | 0.094412614 | 0.127261279 | 0.229015389 |
| ## | 240257      | 240267      | 240268      | 240272      | 240282      | 240292      |
| ## | 0.146427187 | 0.121525116 | 0.058189746 | 0.063356608 | 0.173030773 | 0.093650137 |
| ## | 240323      | 240325      | 240344      | 240346      | 240353      | 240360      |
| ## | 0.472073850 | 0.242964958 | 0.075239750 | 0.063174422 | 0.126477428 | 0.126477428 |
| ## | 240365      | 240369      | 240379      | 240383      | 240384      | 240390      |
| ## | 0.094412614 | 0.607592211 | 0.079537192 | 0.033433200 | 0.081365527 | 0.172655709 |
| ## | 240394      | 240396      | 240397      | 240406      | 240412      | 240414      |
| ## | 0.461453526 | 0.037356679 | 0.465533737 | 0.033433200 | 0.075239750 | 0.224379168 |
| ## | 240421      | 240424      | 240425      | 240427      | 240429      | 240434      |
| ## | 0.140920008 | 0.086589050 | 0.450754190 | 0.160889184 | 0.042105870 | 0.037766942 |
| ## | 240435      | 240438      | 240444      | 240447      | 240450      | 240453      |
| ## | 0.037766942 | 0.503589515 | 0.125926507 | 0.071572590 | 0.137105958 | 0.160364104 |
| ## | 240456      | 240459      | 240462      | 240464      | 240466      | 240486      |
| ## | 0.112836730 | 0.038501019 | 0.175173758 | 0.069536498 | 0.086589050 | 0.125984689 |
| ## | 240487      | 240490      | 240493      | 240498      | 240502      | 240503      |
| ## | 0.224379168 | 0.125984689 | 0.125984689 | 0.226983549 | 0.117730632 | 0.223950072 |
| ## | 240512      | 240514      | 240520      | 240524      | 240530      | 240532      |
| ## | 0.065992103 | 0.213946329 | 0.140670057 | 0.112041535 | 0.150504293 | 0.132824274 |
| ## | 240533      | 240546      | 240547      | 240551      | 240561      | 240571      |
| ## | 0.142980589 | 0.094412614 | 0.173030773 | 0.074482654 | 0.224379168 | 0.468848791 |
| ## | 240576      | 240578      | 240579      | 240580      | 240582      | 240583      |
| ## | 0.119272203 | 0.173030773 | 0.226394522 | 0.127261279 | 0.091340278 | 0.412877409 |
| ## | 240585      | 240590      | 240592      | 240594      | 240598      | 240602      |
| ## | 0.116662802 | 0.202956709 | 0.140408642 | 0.412877409 | 0.149071551 | 0.437188951 |
| ## | 240604      | 240606      | 240609      | 240610      | 240611      | 240612      |
| ## | 0.292835130 | 0.055071398 | 0.031914598 | 0.043974226 | 0.269361768 | 0.202770335 |
| ## | 240613      | 240619      | 240628      | 240633      | 240634      | 240635      |
| ## | 0.232434151 | 0.049400909 | 0.292835130 | 0.245013046 | 0.044792883 | 0.131673957 |
| ## | 240640      | 240642      | 240647      | 240648      | 240653      | 240667      |
| ## | 0.059723024 | 0.070931740 | 0.272992210 | 0.389284440 | 0.268619158 | 0.132042558 |
| ## | 240672      | 240677      | 240685      | 240697      | 240701      | 240702      |
| ## | 0.184054510 | 0.039287286 | 0.069015579 | 0.286266126 | 0.074795401 | 0.172116384 |
| ## | 240703      | 240705      | 240712      | 240719      | 240724      | 240736      |
| ## | 0.040337127 | 0.104558272 | 0.089824470 | 0.172116384 | 0.286266126 | 0.151897632 |
| ## | 240739      | 240758      | 240766      | 240771      | 240774      | 240777      |
| ## | 0.074795401 | 0.076009728 | 0.076009728 | 0.162048359 | 0.048033418 | 0.089824470 |
| ## | 240779      | 240785      | 240789      | 240800      | 240802      | 240805      |
| ## | 0.095358569 | 0.046240795 | 0.089824470 | 0.172116384 | 0.073513378 | 0.511701932 |
| ## | 240813      | 240823      | 240824      | 240834      | 240841      | 240849      |
| ## | 0.548324340 | 0.164734718 | 0.304351094 | 0.174612549 | 0.093294543 | 0.174612549 |
| ## | 240850      | 240852      | 240856      | 240859      | 240860      | 240863      |
| ## | 0.308523726 | 0.521070026 | 0.174612549 | 0.171384074 | 0.076009728 | 0.089824470 |
| ## | 240867      | 240870      | 240877      | 240887      | 240891      | 240893      |
| ## | 0.076588304 | 0.137609971 | 0.288304354 | 0.037261380 | 0.058228994 | 0.072439381 |
| ## | 240916      | 240931      | 240947      | 240952      | 240954      | 240955      |
| ## | 0.136299412 | 0.141332912 | 0.127986163 | 0.474154749 | 0.121072968 | 0.177227831 |

```

##      240958      240963      240968      240972      240987      240992
## 0.422858721 0.127986163 0.276232354 0.131084549 0.274019015 0.127986163
##      240994      240996      240997      241000      241006      241009
## 0.233675682 0.261584045 0.241242216 0.129229918 0.117586593 0.097523921
##      241028      241030      241032      241035      241039      241042
## 0.102554063 0.320035201 0.258141954 0.148728047 0.236355086 0.123376071
##      241045      241048      241061      241065      241067      241072
## 0.311075863 0.276232354 0.660568848 0.116834266 0.127986163 0.181441873
##      241079      241082      241085      241087      241088      241096
## 0.125845667 0.161995142 0.241817464 0.251947937 0.251947937 0.404274893
##      241112      241119      241123      241130      241133      241136
## 0.274019015 0.181441873 0.276993803 0.425387939 0.181441873 0.127986163
##      241139      241145      241147      241154      241161      241163
## 0.181441873 0.274019015 0.110060901 0.251947937 0.265751846 0.200476227
##      241167      241176      241178      241179      241185      241186
## 0.449023444 0.445082864 0.181441873 0.181441873 0.074477560 0.320376482
##      241189      241190      241197      241205      241220      241223
## 0.579367735 0.072440099 0.120983130 0.142451753 0.181441873 0.147473623
##      241224      241226      241238      241256      241257      241259
## 0.148582996 0.181441873 0.181441873 0.165032128 0.233027622 0.117288689
##      241270      241279      241294      241302      241303      241308
## 0.119184159 0.120417590 0.272066626 0.425387939 0.127986163 0.127986163
##      241312      241316      241318      241327      241329      241330
## 0.274019015 0.147473623 0.129229918 0.202875735 0.264058512 0.151666351
##      241333      241336      241342      241344      241346      241349
## 0.264058512 0.072093101 0.307890921 0.133206704 0.433446892 0.311075863
##      241350      241353      241356      241358      241365      241368
## 0.307890921 0.119184159 0.261584045 0.129229918 0.239109325 0.167250448
##      241373      241379      241383      241384      241386      241394
## 0.266964931 0.181441873 0.272066626 0.274019015 0.574024798 0.125993061
##      241401      241407      241421      241423      241424      241425
## 0.640707452 0.117408579 0.272066626 0.127986163 0.307890921 0.127986163
##      241426      241427      241428      241434      241436      241438
## 0.307890921 0.274019015 0.127986163 0.115458648 0.165032128 0.276993803
##      241441      241452      241457      241458      241461      241467
## 0.433446892 0.132521891 0.040630070 0.043264803 0.130228490 0.041404449
##      241468      241469      241475      241478      241480      241493
## 0.141793823 0.059528240 0.233756269 0.059528240 0.084568150 0.061686488
##      241500      241501      241509      241512      241514      241517
## 0.034087814 0.087461862 0.316278902 0.094728750 0.051006345 0.075776872
##      241520      241522      241531      241536      241544      241545
## 0.038234436 0.071692944 0.069425294 0.244789351 0.107271280 0.056844271
##      241549      241561      241564      241570      241573      241586
## 0.089554115 0.058542278 0.370416263 0.094728750 0.035930258 0.115039770
##      241588      241597      241609      241612      241613      241614
## 0.339509519 0.198638416 0.023881202 0.071593536 0.029220803 0.064219568
##      241615      241616      241631      241633      241639      241643
## 0.159977838 0.135680623 0.035282484 0.331539091 0.022441980 0.062511876
##      241645      241646      241651
## 0.133123299 0.149634484 0.149634484

```

```

# Set threshold (default is 0.5)
threshold <- 0.5

```

```

# Make binary predictions
binary_predictions <- ifelse(probability_predictions >= threshold, 1, 0)

# Display the binary predictions
print(binary_predictions)

```

```

##      2      5      6     14     15     25     26     27     37     40     42
##      0      0      0      0      0      1      1      0      0      0      0
##     67     70     71     73     80     90     92     93     94    101    102
##      0      0      0      0      0      0      1      0      0      0      0
##    103    111    116    117    121    122    129    132    152    159    176
##      0      0      0      0      0      0      0      0      0      0      0
##    177    180    182    187    198    203    216    218    220    221    223
##      0      0      0      0      1      0      1      1      1      1      0
##    230    232    237    239    241    247    254    261    266    268    271
##      0      0      1      0      0      0      1      0      0      0      0
##    272    290    295    300    304    309    310    312    314    323    327
##      0      0      0      0      1      0      0      0      0      0      0
##    329    332    337    340    341    344    350    356    361    364    372
##      0      0      0      0      0      0      1      0      0      0      0
##    373    384    385    391    400    420    422    423    433    435    439
##      0      0      0      0      0      0      0      0      0      0      0
##    446    465    467    469    472    480    482    493    494    495    496
##      0      0      0      0      1      0      0      0      0      0      0
##    501    506    508    509    511    512    513    517    521    523    540
##      0      0      0      0      0      0      0      0      0      0      0
##    563    567    568    573    577    592    596    600    609    612    617
##      0      0      0      0      0      0      0      0      1      0      1
##    622    626    631    633    637    643    649    658    663    665    672
##      0      0      0      0      1      0      0      0      0      0      0
##    673    679    692    702    704    710    712    713    714    716    722
##      0      0      1      1      0      1      0      1      0      0      1
##    725    727    728    735    738    743    750    760    771    778    793
##      1      0      0      0      0      0      1      0      0      0      0
##    798    810    814    819    822    831    848    849    853    855    867
##      0      0      0      0      1      0      0      1      0      1      0
##    869    873    874    876    878    880    881    891    893    896    897
##      0      0      0      0      0      0      0      0      0      0      0
##    906    913    915    917    923    924    926    936    942    944    949
##      0      0      0      0      0      0      0      0      1      0      0
##    957    958    976    982    989    990    993    999    1000    1002    1005
##      0      0      0      0      0      0      0      1      0      0      1
##   1008    1011    1018    1021    1033    1034    1035    1037    1040    1041    1043
##      0      0      0      0      0      1      1      0      0      0      0
##   1050    1056    1058    1064    1067    1071    1072    1074    1077    1082    1090
##      0      1      0      0      0      0      0      0      0      0      0
##   1098    1101    1103    1104    1111    1116    1133    1134    1139    1141    1145
##      1      0      0      1      0      0      0      0      1      0      0
##   1152    1165    1167    1178    1184    1189    1190    1191    1192    1201    1204
##      1      0      0      0      0      1      0      0      0      1      0
##   1205    1206    1211    1218    1226    1227    1236    1238    1240    1249    1251
##      1      0      0      0      1      0      0      0      0      0      0
##   1257    1259    1261    1262    1264    1270    1281    1289    1292    1293    1298

```

|    |      |      |      |      |      |      |      |      |      |      |      |
|----|------|------|------|------|------|------|------|------|------|------|------|
| ## | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 1305 | 1308 | 1315 | 1316 | 1318 | 1319 | 1331 | 1333 | 1337 | 1338 | 1357 |
| ## | 0    | 0    | 1    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 1360 | 1367 | 1370 | 1377 | 1386 | 1389 | 1395 | 1397 | 1398 | 1401 | 1410 |
| ## | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 1416 | 1420 | 1424 | 1428 | 1438 | 1445 | 1447 | 1448 | 1451 | 1452 | 1454 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    |
| ## | 1457 | 1461 | 1464 | 1482 | 1493 | 1495 | 1505 | 1508 | 1510 | 1512 | 1518 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 1528 | 1538 | 1544 | 1547 | 1553 | 1560 | 1588 | 1604 | 1620 | 1624 | 1628 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 1629 | 1637 | 1653 | 1662 | 1663 | 1664 | 1667 | 1682 | 1689 | 1707 | 1710 |
| ## | 0    | 0    | 1    | 0    | 1    | 0    | 0    | 0    | 1    | 1    | 1    |
| ## | 1715 | 1717 | 1721 | 1723 | 1725 | 1729 | 1740 | 1751 | 1757 | 1758 | 1761 |
| ## | 0    | 1    | 0    | 1    | 0    | 0    | 0    | 1    | 1    | 0    | 0    |
| ## | 1763 | 1771 | 1773 | 1777 | 1784 | 1787 | 1789 | 1804 | 1805 | 1810 | 1814 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 0    | 0    |
| ## | 1826 | 1830 | 1833 | 1842 | 1848 | 1855 | 1861 | 1875 | 1883 | 1890 | 1898 |
| ## | 0    | 1    | 1    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 0    |
| ## | 1908 | 1920 | 1923 | 1928 | 1930 | 1932 | 1945 | 1946 | 1947 | 1955 | 1967 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 1978 | 1979 | 1991 | 2016 | 2017 | 2020 | 2024 | 2032 | 2033 | 2045 | 2047 |
| ## | 1    | 0    | 0    | 1    | 1    | 0    | 0    | 0    | 1    | 1    | 0    |
| ## | 2049 | 2052 | 2056 | 2065 | 2067 | 2070 | 2083 | 2095 | 2100 | 2101 | 2102 |
| ## | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 1    | 0    | 1    | 0    |
| ## | 2125 | 2126 | 2131 | 2143 | 2145 | 2146 | 2149 | 2155 | 2156 | 2159 | 2167 |
| ## | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 1    |
| ## | 2169 | 2170 | 2183 | 2185 | 2187 | 2188 | 2193 | 2200 | 2201 | 2205 | 2206 |
| ## | 1    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 2212 | 2216 | 2223 | 2225 | 2235 | 2237 | 2263 | 2270 | 2273 | 2274 | 2285 |
| ## | 0    | 1    | 1    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 1    |
| ## | 2287 | 2294 | 2295 | 2306 | 2309 | 2319 | 2322 | 2325 | 2328 | 2337 | 2339 |
| ## | 1    | 1    | 0    | 0    | 1    | 0    | 1    | 1    | 0    | 0    | 1    |
| ## | 2342 | 2344 | 2346 | 2355 | 2358 | 2359 | 2365 | 2367 | 2377 | 2386 | 2391 |
| ## | 1    | 1    | 0    | 0    | 0    | 0    | 1    | 1    | 0    | 0    | 0    |
| ## | 2409 | 2410 | 2413 | 2417 | 2420 | 2422 | 2424 | 2426 | 2445 | 2446 | 2451 |
| ## | 1    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 0    | 0    |
| ## | 2452 | 2455 | 2457 | 2464 | 2466 | 2467 | 2469 | 2472 | 2477 | 2478 | 2480 |
| ## | 1    | 0    | 1    | 0    | 0    | 1    | 1    | 0    | 0    | 0    | 0    |
| ## | 2482 | 2484 | 2498 | 2501 | 2502 | 2503 | 2505 | 2507 | 2509 | 2520 | 2522 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 2523 | 2529 | 2538 | 2540 | 2541 | 2543 | 2545 | 2546 | 2555 | 2556 | 2558 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 2564 | 2578 | 2584 | 2596 | 2597 | 2601 | 2607 | 2608 | 2609 | 2610 | 2614 |
| ## | 0    | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 2620 | 2621 | 2633 | 2634 | 2641 | 2643 | 2647 | 2652 | 2666 | 2673 | 2676 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 2677 | 2680 | 2684 | 2687 | 2688 | 2692 | 2695 | 2696 | 2707 | 2714 | 2715 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 2721 | 2723 | 2724 | 2731 | 2733 | 2734 | 2746 | 2747 | 2756 | 2767 | 2776 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    |
| ## | 2779 | 2783 | 2784 | 2785 | 2792 | 2793 | 2803 | 2806 | 2807 | 2810 | 2814 |
| ## | 0    | 1    | 1    | 1    | 0    | 0    | 1    | 0    | 0    | 1    | 1    |
| ## | 2816 | 2822 | 2824 | 2827 | 2829 | 2831 | 2834 | 2837 | 2839 | 2841 | 2846 |

|    |      |      |      |      |      |      |      |      |      |      |      |
|----|------|------|------|------|------|------|------|------|------|------|------|
| ## | 1    | 1    | 1    | 0    | 1    | 0    | 0    | 0    | 1    | 0    | 1    |
| ## | 2848 | 2854 | 2878 | 2881 | 2883 | 2890 | 2892 | 2893 | 2904 | 2907 | 2923 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    |
| ## | 2927 | 2946 | 2954 | 2956 | 2957 | 2972 | 2976 | 2980 | 2991 | 3005 | 3007 |
| ## | 0    | 0    | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 1    | 1    |
| ## | 3010 | 3014 | 3021 | 3024 | 3026 | 3053 | 3055 | 3060 | 3071 | 3079 | 3084 |
| ## | 1    | 1    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 3086 | 3092 | 3103 | 3106 | 3120 | 3122 | 3123 | 3124 | 3126 | 3132 | 3156 |
| ## | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 3160 | 3165 | 3166 | 3174 | 3189 | 3206 | 3210 | 3215 | 3216 | 3219 | 3220 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 3224 | 3236 | 3240 | 3245 | 3247 | 3249 | 3250 | 3254 | 3255 | 3257 | 3268 |
| ## | 0    | 1    | 1    | 1    | 1    | 0    | 1    | 0    | 1    | 1    | 1    |
| ## | 3269 | 3273 | 3284 | 3292 | 3293 | 3294 | 3316 | 3320 | 3323 | 3326 | 3329 |
| ## | 1    | 1    | 0    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 0    |
| ## | 3341 | 3342 | 3343 | 3344 | 3347 | 3351 | 3353 | 3356 | 3358 | 3367 | 3372 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    |
| ## | 3373 | 3380 | 3381 | 3397 | 3405 | 3412 | 3428 | 3433 | 3434 | 3440 | 3441 |
| ## | 1    | 1    | 1    | 0    | 1    | 0    | 1    | 1    | 1    | 1    | 1    |
| ## | 3444 | 3446 | 3447 | 3448 | 3455 | 3458 | 3461 | 3462 | 3463 | 3472 | 3477 |
| ## | 1    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 1    | 0    |
| ## | 3482 | 3483 | 3487 | 3491 | 3492 | 3494 | 3495 | 3496 | 3497 | 3500 | 3502 |
| ## | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 3504 | 3514 | 3533 | 3537 | 3539 | 3561 | 3562 | 3567 | 3569 | 3570 | 3584 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 3596 | 3601 | 3612 | 3613 | 3620 | 3625 | 3628 | 3633 | 3634 | 3639 | 3649 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    |
| ## | 3653 | 3655 | 3660 | 3661 | 3662 | 3663 | 3672 | 3676 | 3706 | 3711 | 3718 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    |
| ## | 3724 | 3728 | 3733 | 3736 | 3737 | 3738 | 3741 | 3759 | 3760 | 3769 | 3775 |
| ## | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    |
| ## | 3779 | 3781 | 3784 | 3786 | 3792 | 3796 | 3799 | 3804 | 3805 | 3808 | 3817 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 3822 | 3830 | 3847 | 3849 | 3857 | 3860 | 3867 | 3868 | 3873 | 3885 | 3891 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 3900 | 3901 | 3904 | 3908 | 3917 | 3918 | 3922 | 3923 | 3930 | 3934 | 3939 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 3948 | 3949 | 3951 | 3955 | 3958 | 3961 | 3962 | 3974 | 3979 | 3980 | 3982 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    |
| ## | 3983 | 3984 | 3986 | 3989 | 3995 | 4021 | 4027 | 4028 | 4032 | 4034 | 4037 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 4041 | 4044 | 4049 | 4060 | 4063 | 4069 | 4076 | 4080 | 4084 | 4088 | 4092 |
| ## | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 4094 | 4098 | 4102 | 4106 | 4111 | 4112 | 4115 | 4125 | 4126 | 4127 | 4137 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 4138 | 4139 | 4140 | 4141 | 4144 | 4145 | 4155 | 4156 | 4159 | 4163 | 4165 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 4168 | 4171 | 4182 | 4186 | 4192 | 4200 | 4207 | 4228 | 4234 | 4235 | 4238 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 1    | 0    |
| ## | 4243 | 4245 | 4251 | 4272 | 4273 | 4278 | 4280 | 4281 | 4283 | 4290 | 4295 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 1    |
| ## | 4303 | 4304 | 4312 | 4323 | 4331 | 4337 | 4347 | 4349 | 4360 | 4362 | 4363 |
| ## | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 4367 | 4374 | 4375 | 4378 | 4383 | 4401 | 4402 | 4403 | 4411 | 4416 | 4420 |

|    |      |      |      |      |      |      |      |      |      |      |      |
|----|------|------|------|------|------|------|------|------|------|------|------|
| ## | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 4424 | 4438 | 4443 | 4444 | 4460 | 4462 | 4464 | 4465 | 4468 | 4470 | 4471 |
| ## | 0    | 0    | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 4479 | 4480 | 4482 | 4488 | 4495 | 4503 | 4507 | 4519 | 4521 | 4526 | 4530 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    |
| ## | 4544 | 4550 | 4556 | 4557 | 4567 | 4571 | 4573 | 4588 | 4589 | 4593 | 4624 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 4625 | 4628 | 4632 | 4639 | 4647 | 4648 | 4649 | 4650 | 4660 | 4662 | 4663 |
| ## | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 4665 | 4675 | 4676 | 4677 | 4679 | 4680 | 4681 | 4685 | 4688 | 4697 | 4698 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 4701 | 4707 | 4709 | 4721 | 4722 | 4730 | 4733 | 4739 | 4742 | 4743 | 4748 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 4758 | 4763 | 4765 | 4767 | 4769 | 4772 | 4782 | 4787 | 4791 | 4799 | 4806 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 4808 | 4820 | 4836 | 4839 | 4844 | 4849 | 4853 | 4854 | 4859 | 4860 | 4864 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 4865 | 4885 | 4890 | 4894 | 4898 | 4916 | 4926 | 4932 | 4938 | 4940 | 4944 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    |
| ## | 4949 | 4950 | 4953 | 4960 | 4967 | 4971 | 4976 | 4983 | 4991 | 4994 | 4999 |
| ## | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5003 | 5004 | 5019 | 5031 | 5033 | 5048 | 5049 | 5052 | 5053 | 5061 | 5063 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5066 | 5071 | 5086 | 5089 | 5091 | 5095 | 5099 | 5104 | 5105 | 5106 | 5110 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    |
| ## | 5111 | 5113 | 5121 | 5125 | 5128 | 5136 | 5138 | 5142 | 5148 | 5153 | 5154 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    |
| ## | 5163 | 5164 | 5167 | 5184 | 5196 | 5198 | 5207 | 5209 | 5210 | 5222 | 5224 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5226 | 5232 | 5234 | 5237 | 5238 | 5244 | 5249 | 5258 | 5262 | 5264 | 5268 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5270 | 5271 | 5272 | 5281 | 5282 | 5283 | 5291 | 5302 | 5303 | 5310 | 5312 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5334 | 5338 | 5341 | 5349 | 5352 | 5357 | 5358 | 5359 | 5367 | 5368 | 5378 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5381 | 5388 | 5390 | 5395 | 5397 | 5411 | 5416 | 5417 | 5418 | 5428 | 5430 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5440 | 5442 | 5445 | 5447 | 5449 | 5460 | 5461 | 5462 | 5467 | 5468 | 5469 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5476 | 5477 | 5479 | 5482 | 5483 | 5490 | 5491 | 5495 | 5498 | 5499 | 5500 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    |
| ## | 5502 | 5507 | 5508 | 5515 | 5519 | 5520 | 5523 | 5524 | 5530 | 5534 | 5537 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5541 | 5544 | 5549 | 5552 | 5557 | 5563 | 5571 | 5572 | 5575 | 5577 | 5580 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5585 | 5603 | 5605 | 5609 | 5617 | 5632 | 5642 | 5644 | 5654 | 5664 | 5666 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5667 | 5682 | 5683 | 5684 | 5686 | 5687 | 5692 | 5706 | 5715 | 5720 | 5722 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    |
| ## | 5728 | 5736 | 5740 | 5741 | 5744 | 5753 | 5759 | 5761 | 5762 | 5768 | 5772 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 1    |
| ## | 5781 | 5788 | 5791 | 5792 | 5797 | 5810 | 5811 | 5816 | 5817 | 5820 | 5841 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5842 | 5844 | 5848 | 5853 | 5871 | 5875 | 5877 | 5885 | 5886 | 5889 | 5910 |

|    |      |      |      |      |      |      |      |      |      |      |      |
|----|------|------|------|------|------|------|------|------|------|------|------|
| ## | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5915 | 5917 | 5922 | 5923 | 5926 | 5936 | 5937 | 5939 | 5940 | 5942 | 5945 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 5947 | 5956 | 5958 | 5967 | 5969 | 5975 | 5976 | 5979 | 5980 | 5985 | 6000 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 6006 | 6009 | 6010 | 6018 | 6019 | 6021 | 6037 | 6041 | 6042 | 6045 | 6054 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 6062 | 6066 | 6070 | 6074 | 6082 | 6086 | 6088 | 6097 | 6102 | 6108 | 6111 |
| ## | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 6112 | 6115 | 6127 | 6130 | 6135 | 6142 | 6144 | 6149 | 6162 | 6164 | 6165 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    |
| ## | 6166 | 6169 | 6186 | 6188 | 6193 | 6198 | 6207 | 6210 | 6214 | 6217 | 6218 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 6222 | 6240 | 6242 | 6243 | 6245 | 6249 | 6253 | 6254 | 6257 | 6259 | 6262 |
| ## | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 1    | 0    | 0    | 1    |
| ## | 6268 | 6269 | 6271 | 6272 | 6275 | 6276 | 6279 | 6283 | 6284 | 6301 | 6302 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 6306 | 6310 | 6312 | 6314 | 6319 | 6324 | 6327 | 6335 | 6338 | 6340 | 6345 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 6349 | 6354 | 6355 | 6356 | 6359 | 6361 | 6367 | 6370 | 6372 | 6375 | 6379 |
| ## | 1    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 0    | 0    |
| ## | 6382 | 6392 | 6401 | 6405 | 6410 | 6416 | 6425 | 6430 | 6448 | 6452 | 6456 |
| ## | 0    | 0    | 1    | 0    | 1    | 1    | 0    | 0    | 1    | 0    | 0    |
| ## | 6464 | 6473 | 6485 | 6487 | 6493 | 6507 | 6510 | 6512 | 6520 | 6548 | 6550 |
| ## | 1    | 0    | 0    | 1    | 0    | 0    | 0    | 1    | 1    | 0    | 0    |
| ## | 6552 | 6559 | 6560 | 6569 | 6573 | 6578 | 6583 | 6584 | 6599 | 6633 | 6638 |
| ## | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 1    | 0    | 0    | 0    |
| ## | 6643 | 6655 | 6658 | 6663 | 6665 | 6671 | 6675 | 6676 | 6680 | 6682 | 6698 |
| ## | 0    | 1    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 6700 | 6718 | 6723 | 6725 | 6745 | 6749 | 6751 | 6753 | 6760 | 6773 | 6783 |
| ## | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    |
| ## | 6785 | 6790 | 6791 | 6792 | 6793 | 6796 | 6809 | 6813 | 6815 | 6816 | 6828 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 6835 | 6840 | 6841 | 6842 | 6843 | 6844 | 6848 | 6850 | 6860 | 6862 | 6869 |
| ## | 0    | 1    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    |
| ## | 6871 | 6875 | 6876 | 6877 | 6880 | 6885 | 6892 | 6894 | 6896 | 6901 | 6904 |
| ## | 0    | 1    | 1    | 1    | 0    | 0    | 1    | 0    | 0    | 1    | 0    |
| ## | 6905 | 6909 | 6910 | 6913 | 6914 | 6929 | 6931 | 6936 | 6940 | 6947 | 6949 |
| ## | 1    | 0    | 0    | 0    | 1    | 1    | 0    | 0    | 1    | 0    | 1    |
| ## | 6955 | 6958 | 6960 | 6971 | 6974 | 6976 | 6977 | 6979 | 6982 | 6983 | 6984 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 1    |
| ## | 6996 | 6998 | 7000 | 7004 | 7009 | 7011 | 7015 | 7019 | 7022 | 7027 | 7028 |
| ## | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 7029 | 7030 | 7050 | 7056 | 7058 | 7062 | 7063 | 7064 | 7066 | 7067 | 7070 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    |
| ## | 7077 | 7079 | 7088 | 7091 | 7098 | 7118 | 7122 | 7124 | 7125 | 7127 | 7129 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 7135 | 7139 | 7145 | 7156 | 7160 | 7163 | 7171 | 7185 | 7193 | 7194 | 7204 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 7207 | 7215 | 7218 | 7220 | 7221 | 7224 | 7226 | 7234 | 7246 | 7247 | 7248 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 7250 | 7255 | 7261 | 7262 | 7274 | 7277 | 7278 | 7283 | 7287 | 7295 | 7299 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 7301 | 7306 | 7311 | 7315 | 7316 | 7321 | 7324 | 7328 | 7335 | 7337 | 7340 |

|    |      |      |      |      |      |      |      |      |      |      |      |
|----|------|------|------|------|------|------|------|------|------|------|------|
| ## | 1    | 0    | 0    | 1    | 0    | 0    | 0    | 1    | 0    | 0    | 1    |
| ## | 7343 | 7346 | 7347 | 7350 | 7354 | 7366 | 7367 | 7371 | 7379 | 7380 | 7381 |
| ## | 0    | 1    | 1    | 1    | 1    | 0    | 1    | 0    | 1    | 1    | 0    |
| ## | 7385 | 7397 | 7398 | 7402 | 7403 | 7414 | 7416 | 7419 | 7423 | 7426 | 7442 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    |
| ## | 7445 | 7452 | 7459 | 7464 | 7472 | 7479 | 7481 | 7485 | 7490 | 7494 | 7497 |
| ## | 0    | 0    | 1    | 0    | 1    | 1    | 1    | 0    | 0    | 0    | 1    |
| ## | 7509 | 7520 | 7524 | 7528 | 7530 | 7534 | 7538 | 7548 | 7552 | 7553 | 7555 |
| ## | 0    | 0    | 0    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 0    |
| ## | 7557 | 7558 | 7563 | 7565 | 7571 | 7579 | 7580 | 7583 | 7598 | 7601 | 7612 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 7620 | 7621 | 7624 | 7626 | 7630 | 7634 | 7636 | 7640 | 7646 | 7649 | 7650 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 1    | 0    | 0    |
| ## | 7661 | 7662 | 7673 | 7683 | 7684 | 7688 | 7689 | 7693 | 7710 | 7716 | 7722 |
| ## | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 0    | 1    | 0    | 1    |
| ## | 7731 | 7740 | 7749 | 7750 | 7762 | 7767 | 7772 | 7777 | 7778 | 7786 | 7788 |
| ## | 0    | 1    | 1    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 7793 | 7799 | 7803 | 7804 | 7805 | 7810 | 7812 | 7814 | 7818 | 7829 | 7832 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    |
| ## | 7835 | 7839 | 7843 | 7846 | 7848 | 7850 | 7857 | 7862 | 7863 | 7864 | 7867 |
| ## | 1    | 0    | 0    | 0    | 1    | 1    | 0    | 1    | 0    | 1    | 0    |
| ## | 7871 | 7879 | 7881 | 7888 | 7890 | 7893 | 7904 | 7913 | 7921 | 7931 | 7935 |
| ## | 0    | 1    | 0    | 1    | 0    | 0    | 1    | 0    | 0    | 1    | 0    |
| ## | 7940 | 7961 | 7962 | 7966 | 7968 | 7971 | 7987 | 7990 | 7992 | 7997 | 7998 |
| ## | 0    | 1    | 1    | 0    | 0    | 0    | 1    | 0    | 1    | 1    | 0    |
| ## | 8006 | 8016 | 8021 | 8023 | 8037 | 8053 | 8066 | 8068 | 8075 | 8086 | 8104 |
| ## | 0    | 0    | 0    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 0    |
| ## | 8107 | 8109 | 8113 | 8118 | 8129 | 8130 | 8132 | 8134 | 8135 | 8147 | 8160 |
| ## | 1    | 1    | 0    | 0    | 1    | 1    | 0    | 1    | 0    | 0    | 0    |
| ## | 8169 | 8180 | 8189 | 8192 | 8212 | 8219 | 8221 | 8231 | 8249 | 8250 | 8256 |
| ## | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 1    | 0    |
| ## | 8270 | 8281 | 8284 | 8285 | 8294 | 8296 | 8310 | 8318 | 8319 | 8329 | 8331 |
| ## | 0    | 1    | 1    | 0    | 1    | 0    | 1    | 0    | 0    | 0    | 0    |
| ## | 8333 | 8334 | 8340 | 8341 | 8344 | 8345 | 8350 | 8352 | 8356 | 8359 | 8364 |
| ## | 0    | 0    | 1    | 0    | 1    | 1    | 0    | 1    | 0    | 1    | 0    |
| ## | 8374 | 8386 | 8388 | 8390 | 8396 | 8398 | 8402 | 8404 | 8405 | 8416 | 8430 |
| ## | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    |
| ## | 8431 | 8438 | 8442 | 8445 | 8450 | 8463 | 8464 | 8467 | 8481 | 8491 | 8508 |
| ## | 1    | 0    | 1    | 1    | 1    | 0    | 1    | 1    | 1    | 0    | 0    |
| ## | 8515 | 8520 | 8521 | 8524 | 8526 | 8528 | 8529 | 8535 | 8537 | 8543 | 8545 |
| ## | 1    | 1    | 0    | 0    | 0    | 1    | 1    | 0    | 0    | 0    | 0    |
| ## | 8552 | 8554 | 8563 | 8565 | 8570 | 8572 | 8573 | 8574 | 8576 | 8578 | 8581 |
| ## | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 0    | 0    | 0    | 0    |
| ## | 8593 | 8599 | 8603 | 8618 | 8622 | 8627 | 8629 | 8634 | 8636 | 8639 | 8647 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 1    |
| ## | 8656 | 8657 | 8659 | 8670 | 8671 | 8674 | 8697 | 8705 | 8710 | 8711 | 8715 |
| ## | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    |
| ## | 8716 | 8719 | 8724 | 8730 | 8737 | 8744 | 8756 | 8757 | 8774 | 8777 | 8781 |
| ## | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| ## | 8784 | 8785 | 8788 | 8802 | 8811 | 8812 | 8813 | 8818 | 8824 | 8840 | 8841 |
| ## | 0    | 0    | 0    | 1    | 0    | 1    | 0    | 0    | 0    | 0    | 0    |
| ## | 8845 | 8851 | 8859 | 8862 | 8863 | 8867 | 8871 | 8872 | 8875 | 8877 | 8882 |
| ## | 0    | 0    | 1    | 1    | 0    | 0    | 0    | 1    | 0    | 0    | 0    |
| ## | 8888 | 8890 | 8897 | 8899 | 8900 | 8904 | 8907 | 8910 | 8921 | 8925 | 8932 |



|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 8942  | 8946  | 8953  | 8959  | 8965  | 8966  | 8968  | 8969  | 8978  | 8991  | 9002  |
| ## | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 9003  | 9011  | 9014  | 9017  | 9018  | 9021  | 9022  | 9028  | 9037  | 9040  | 9042  |
| ## | 0     | 0     | 1     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 9048  | 9051  | 9052  | 9070  | 9088  | 9091  | 9092  | 9096  | 9102  | 9108  | 9111  |
| ## | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 9122  | 9124  | 9141  | 9145  | 9146  | 9152  | 9153  | 9158  | 9164  | 9167  | 9171  |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 9177  | 9180  | 9185  | 9206  | 9208  | 9223  | 9232  | 9239  | 9241  | 9247  | 9252  |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 1     |
| ## | 9253  | 9257  | 9259  | 9260  | 9262  | 9263  | 9265  | 9273  | 9274  | 9276  | 9277  |
| ## | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 9284  | 9286  | 9304  | 9307  | 9328  | 9330  | 9331  | 9351  | 9357  | 9362  | 9379  |
| ## | 0     | 0     | 1     | 1     | 0     | 1     | 1     | 1     | 1     | 0     | 0     |
| ## | 9391  | 9392  | 9393  | 9396  | 9404  | 9409  | 9424  | 9430  | 9432  | 9443  | 9444  |
| ## | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 9447  | 9460  | 9461  | 9463  | 9477  | 9480  | 9494  | 9500  | 9503  | 9509  | 9510  |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 9511  | 9515  | 9525  | 9531  | 9532  | 9541  | 9552  | 9554  | 9557  | 9562  | 9563  |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 9567  | 9570  | 9575  | 9577  | 9578  | 9584  | 9586  | 9590  | 9597  | 9602  | 9607  |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 9608  | 9609  | 9613  | 9621  | 9627  | 9632  | 9633  | 9638  | 9639  | 9640  | 9648  |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 9652  | 9656  | 9661  | 9665  | 9668  | 9670  | 9674  | 9677  | 9695  | 9698  | 9703  |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 9705  | 9713  | 9720  | 9726  | 9727  | 9732  | 9735  | 9738  | 9744  | 9746  | 9747  |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 9750  | 9751  | 9753  | 9754  | 9757  | 9760  | 9761  | 9762  | 9766  | 9776  | 9781  |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 9784  | 9786  | 9788  | 9794  | 9796  | 9803  | 9806  | 9809  | 9812  | 9814  | 9818  |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 9830  | 9855  | 9864  | 9871  | 9872  | 9877  | 9880  | 9900  | 9908  | 9912  | 9913  |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 9919  | 9920  | 9927  | 9928  | 9930  | 9931  | 9935  | 9936  | 9938  | 9947  | 9948  |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 9971  | 9987  | 9989  | 9991  | 10000 | 10001 | 10003 | 10009 | 10013 | 10016 | 10019 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 10024 | 10027 | 10035 | 10042 | 10044 | 10045 | 10046 | 10047 | 10053 | 10062 | 10066 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 10082 | 10083 | 10084 | 10107 | 10110 | 10120 | 10135 | 10144 | 10146 | 10153 | 10154 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 10160 | 10163 | 10165 | 10167 | 10184 | 10185 | 10194 | 10197 | 10221 | 10238 | 10242 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 10249 | 10251 | 10253 | 10255 | 10264 | 10266 | 10277 | 10281 | 10288 | 10302 | 10308 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 10322 | 10325 | 10326 | 10328 | 10329 | 10338 | 10340 | 10343 | 10347 | 10348 | 10355 |
| ## | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 10357 | 10368 | 10372 | 10375 | 10381 | 10383 | 10386 | 10392 | 10395 | 10397 | 10400 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 10404 | 10406 | 10414 | 10417 | 10420 | 10433 | 10439 | 10446 | 10451 | 10455 | 10458 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 10459 | 10462 | 10463 | 10469 | 10477 | 10487 | 10491 | 10494 | 10501 | 10511 | 10516 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 10523 | 10526 | 10528 | 10534 | 10543 | 10546 | 10553 | 10554 | 10560 | 10563 | 10569 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 10572 | 10574 | 10594 | 10602 | 10610 | 10615 | 10627 | 10646 | 10647 | 10648 | 10650 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 10657 | 10658 | 10666 | 10681 | 10683 | 10685 | 10686 | 10689 | 10693 | 10697 | 10701 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 10707 | 10718 | 10720 | 10725 | 10727 | 10728 | 10731 | 10733 | 10735 | 10745 | 10751 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 10756 | 10761 | 10766 | 10767 | 10768 | 10773 | 10775 | 10779 | 10780 | 10783 | 10787 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 1     |
| ## | 10792 | 10802 | 10811 | 10813 | 10819 | 10821 | 10825 | 10826 | 10835 | 10837 | 10844 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 10845 | 10847 | 10852 | 10856 | 10861 | 10863 | 10877 | 10883 | 10895 | 10896 | 10897 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 10898 | 10903 | 10912 | 10917 | 10922 | 10923 | 10931 | 10933 | 10948 | 10955 | 10956 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 10959 | 10963 | 10965 | 10969 | 10970 | 10979 | 10980 | 10984 | 10992 | 10997 | 11002 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 11007 | 11017 | 11019 | 11020 | 11043 | 11046 | 11052 | 11057 | 11068 | 11069 | 11072 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 11079 | 11086 | 11097 | 11103 | 11106 | 11120 | 11138 | 11149 | 11152 | 11169 | 11173 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 11174 | 11182 | 11183 | 11186 | 11192 | 11199 | 11200 | 11212 | 11215 | 11222 | 11226 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 11227 | 11240 | 11242 | 11249 | 11250 | 11258 | 11265 | 11269 | 11271 | 11272 | 11273 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 11275 | 11278 | 11284 | 11294 | 11299 | 11300 | 11308 | 11311 | 11313 | 11314 | 11317 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 11319 | 11328 | 11332 | 11340 | 11343 | 11344 | 11345 | 11346 | 11348 | 11351 | 11354 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 11360 | 11361 | 11373 | 11374 | 11376 | 11381 | 11382 | 11392 | 11393 | 11399 | 11403 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     |
| ## | 11417 | 11422 | 11428 | 11442 | 11443 | 11444 | 11445 | 11447 | 11448 | 11457 | 11464 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 11470 | 11473 | 11482 | 11488 | 11496 | 11509 | 11513 | 11514 | 11519 | 11529 | 11531 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 11537 | 11538 | 11539 | 11544 | 11547 | 11554 | 11555 | 11556 | 11572 | 11576 | 11594 |
| ## | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 11596 | 11597 | 11603 | 11612 | 11615 | 11623 | 11631 | 11637 | 11649 | 11655 | 11661 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 11673 | 11682 | 11684 | 11686 | 11692 | 11694 | 11706 | 11723 | 11727 | 11733 | 11741 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 11750 | 11752 | 11760 | 11766 | 11768 | 11770 | 11776 | 11780 | 11786 | 11787 | 11791 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 11803 | 11816 | 11822 | 11823 | 11824 | 11834 | 11838 | 11841 | 11847 | 11852 | 11863 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 11864 | 11868 | 11871 | 11872 | 11880 | 11891 | 11896 | 11899 | 11912 | 11915 | 11926 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 11930 | 11931 | 11934 | 11937 | 11939 | 11942 | 11944 | 11946 | 11950 | 11953 | 11954 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 11961 | 11962 | 11965 | 11972 | 11989 | 11993 | 11997 | 12004 | 12024 | 12034 | 12039 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12044 | 12050 | 12052 | 12054 | 12057 | 12058 | 12060 | 12070 | 12073 | 12078 | 12082 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 12083 | 12084 | 12090 | 12099 | 12102 | 12106 | 12110 | 12113 | 12114 | 12121 | 12129 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 1     | 1     | 1     |
| ## | 12130 | 12139 | 12142 | 12151 | 12155 | 12159 | 12160 | 12167 | 12173 | 12177 | 12179 |
| ## | 1     | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 12181 | 12188 | 12189 | 12195 | 12198 | 12199 | 12202 | 12206 | 12208 | 12209 | 12210 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12211 | 12212 | 12217 | 12226 | 12232 | 12237 | 12240 | 12242 | 12244 | 12254 | 12258 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12261 | 12265 | 12270 | 12272 | 12273 | 12275 | 12276 | 12280 | 12281 | 12283 | 12292 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12293 | 12295 | 12296 | 12298 | 12299 | 12307 | 12308 | 12309 | 12311 | 12316 | 12319 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12339 | 12343 | 12346 | 12349 | 12354 | 12360 | 12364 | 12365 | 12367 | 12368 | 12370 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12371 | 12373 | 12379 | 12380 | 12381 | 12389 | 12400 | 12409 | 12416 | 12418 | 12420 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 12422 | 12435 | 12446 | 12450 | 12453 | 12456 | 12458 | 12465 | 12466 | 12467 | 12469 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12476 | 12485 | 12487 | 12493 | 12496 | 12505 | 12508 | 12511 | 12518 | 12535 | 12536 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12543 | 12545 | 12546 | 12550 | 12555 | 12557 | 12568 | 12576 | 12579 | 12585 | 12591 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12601 | 12607 | 12610 | 12612 | 12624 | 12625 | 12627 | 12643 | 12652 | 12654 | 12655 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12661 | 12668 | 12672 | 12674 | 12679 | 12681 | 12684 | 12687 | 12688 | 12691 | 12695 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12696 | 12707 | 12712 | 12720 | 12728 | 12731 | 12734 | 12739 | 12741 | 12742 | 12744 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 12745 | 12750 | 12754 | 12771 | 12776 | 12782 | 12784 | 12787 | 12794 | 12802 | 12804 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12807 | 12812 | 12817 | 12820 | 12823 | 12842 | 12848 | 12863 | 12870 | 12872 | 12874 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12876 | 12879 | 12895 | 12900 | 12906 | 12910 | 12917 | 12919 | 12925 | 12932 | 12936 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 12950 | 12955 | 12965 | 12972 | 12976 | 12983 | 12985 | 12988 | 12994 | 12998 | 13000 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 13004 | 13007 | 13019 | 13026 | 13042 | 13044 | 13050 | 13056 | 13060 | 13065 | 13079 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 13083 | 13085 | 13086 | 13088 | 13089 | 13101 | 13103 | 13107 | 13110 | 13112 | 13116 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 13117 | 13121 | 13124 | 13126 | 13130 | 13131 | 13134 | 13136 | 13141 | 13146 | 13160 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 13161 | 13163 | 13171 | 13172 | 13174 | 13176 | 13177 | 13208 | 13218 | 13227 | 13231 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 13235 | 13236 | 13238 | 13242 | 13244 | 13249 | 13250 | 13256 | 13259 | 13261 | 13273 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 13274 | 13277 | 13288 | 13291 | 13292 | 13293 | 13294 | 13296 | 13302 | 13305 | 13308 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 13315 | 13318 | 13322 | 13332 | 13335 | 13336 | 13339 | 13346 | 13347 | 13350 | 13356 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 13358 | 13366 | 13372 | 13373 | 13383 | 13384 | 13388 | 13391 | 13394 | 13409 | 13413 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 13415 | 13429 | 13435 | 13437 | 13444 | 13445 | 13459 | 13460 | 13462 | 13463 | 13466 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 13469 | 13472 | 13475 | 13477 | 13487 | 13491 | 13505 | 13506 | 13516 | 13517 | 13518 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 13530 | 13531 | 13537 | 13549 | 13552 | 13554 | 13560 | 13575 | 13590 | 13591 | 13592 |
| ## | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 13594 | 13595 | 13597 | 13599 | 13603 | 13611 | 13612 | 13621 | 13625 | 13628 | 13631 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 13643 | 13645 | 13646 | 13647 | 13657 | 13658 | 13661 | 13663 | 13664 | 13665 | 13669 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 13672 | 13673 | 13679 | 13685 | 13689 | 13691 | 13697 | 13704 | 13705 | 13707 | 13712 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 0     |
| ## | 13714 | 13717 | 13719 | 13729 | 13745 | 13749 | 13754 | 13768 | 13772 | 13776 | 13778 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 13779 | 13793 | 13801 | 13810 | 13815 | 13816 | 13822 | 13829 | 13836 | 13841 | 13847 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     |
| ## | 13851 | 13857 | 13860 | 13862 | 13870 | 13871 | 13881 | 13895 | 13897 | 13901 | 13903 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 13910 | 13913 | 13921 | 13926 | 13929 | 13937 | 13943 | 13948 | 13950 | 13953 | 13956 |
| ## | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 13957 | 13960 | 13961 | 13965 | 13966 | 13967 | 13972 | 13976 | 13982 | 13994 | 13996 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 13998 | 14022 | 14025 | 14027 | 14033 | 14035 | 14042 | 14044 | 14045 | 14047 | 14048 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 14052 | 14053 | 14067 | 14070 | 14076 | 14078 | 14080 | 14082 | 14087 | 14090 | 14093 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 14095 | 14102 | 14106 | 14108 | 14116 | 14123 | 14131 | 14134 | 14138 | 14139 | 14149 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 0     |
| ## | 14152 | 14153 | 14157 | 14160 | 14162 | 14165 | 14178 | 14180 | 14190 | 14204 | 14213 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 14219 | 14221 | 14224 | 14229 | 14237 | 14238 | 14240 | 14241 | 14242 | 14248 | 14258 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 14261 | 14269 | 14283 | 14284 | 14285 | 14293 | 14302 | 14305 | 14310 | 14311 | 14334 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 14335 | 14353 | 14356 | 14359 | 14363 | 14369 | 14378 | 14381 | 14385 | 14396 | 14410 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 14416 | 14418 | 14425 | 14430 | 14434 | 14439 | 14452 | 14454 | 14458 | 14459 | 14460 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 14462 | 14473 | 14479 | 14481 | 14482 | 14485 | 14490 | 14492 | 14497 | 14517 | 14524 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 14537 | 14540 | 14541 | 14542 | 14548 | 14550 | 14558 | 14563 | 14566 | 14567 | 14575 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 14577 | 14578 | 14581 | 14582 | 14586 | 14591 | 14605 | 14607 | 14608 | 14614 | 14618 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 14625 | 14626 | 14633 | 14636 | 14637 | 14642 | 14648 | 14649 | 14654 | 14655 | 14657 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 14662 | 14665 | 14667 | 14669 | 14673 | 14674 | 14677 | 14682 | 14687 | 14688 | 14689 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 14690 | 14702 | 14713 | 14714 | 14718 | 14719 | 14727 | 14730 | 14731 | 14733 | 14739 |
| ## | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 14741 | 14746 | 14755 | 14766 | 14772 | 14777 | 14780 | 14785 | 14787 | 14788 | 14790 |
| ## | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     |
| ## | 14800 | 14807 | 14808 | 14816 | 14818 | 14820 | 14831 | 14835 | 14840 | 14849 | 14851 |
| ## | 0     | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 14853 | 14856 | 14861 | 14865 | 14868 | 14871 | 14875 | 14880 | 14881 | 14882 | 14884 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 1     |
| ## | 14890 | 14891 | 14892 | 14893 | 14896 | 14898 | 14906 | 14911 | 14916 | 14938 | 14940 |
| ## | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 0     | 0     |
| ## | 14943 | 14956 | 14965 | 14975 | 14984 | 14985 | 14988 | 14989 | 14994 | 14995 | 15002 |
| ## | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     |
| ## | 15006 | 15011 | 15021 | 15037 | 15038 | 15042 | 15046 | 15047 | 15060 | 15064 | 15067 |
| ## | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 15070 | 15073 | 15076 | 15077 | 15091 | 15099 | 15100 | 15101 | 15102 | 15108 | 15114 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 15119 | 15122 | 15128 | 15129 | 15130 | 15148 | 15155 | 15157 | 15161 | 15163 | 15164 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 15166 | 15171 | 15175 | 15176 | 15196 | 15197 | 15202 | 15206 | 15208 | 15221 | 15228 |
| ## | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 1     |
| ## | 15238 | 15240 | 15241 | 15250 | 15253 | 15258 | 15259 | 15267 | 15275 | 15280 | 15281 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 15284 | 15285 | 15287 | 15294 | 15302 | 15303 | 15311 | 15319 | 15320 | 15326 | 15328 |
| ## | 1     | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 15336 | 15341 | 15342 | 15343 | 15371 | 15374 | 15380 | 15386 | 15388 | 15389 | 15394 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     |
| ## | 15409 | 15416 | 15419 | 15426 | 15430 | 15439 | 15444 | 15452 | 15456 | 15467 | 15477 |
| ## | 1     | 0     | 0     | 1     | 1     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 15482 | 15484 | 15494 | 15496 | 15498 | 15506 | 15512 | 15514 | 15515 | 15517 | 15532 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 15538 | 15540 | 15545 | 15553 | 15557 | 15559 | 15572 | 15574 | 15577 | 15579 | 15580 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     |
| ## | 15584 | 15597 | 15600 | 15605 | 15608 | 15615 | 15621 | 15624 | 15639 | 15646 | 15650 |
| ## | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 1     | 0     |
| ## | 15651 | 15658 | 15666 | 15673 | 15675 | 15678 | 15680 | 15682 | 15683 | 15684 | 15686 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 15687 | 15688 | 15690 | 15695 | 15704 | 15708 | 15716 | 15717 | 15722 | 15725 | 15741 |
| ## | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 15749 | 15760 | 15763 | 15767 | 15768 | 15772 | 15773 | 15778 | 15790 | 15791 | 15792 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 15798 | 15801 | 15804 | 15806 | 15811 | 15814 | 15819 | 15831 | 15834 | 15836 | 15845 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 15850 | 15852 | 15854 | 15863 | 15876 | 15886 | 15887 | 15890 | 15894 | 15901 | 15911 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 0     |
| ## | 15914 | 15915 | 15925 | 15929 | 15931 | 15935 | 15942 | 15945 | 15947 | 15951 | 15954 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     |
| ## | 15955 | 15958 | 15959 | 15965 | 15970 | 15982 | 15986 | 15993 | 15994 | 16010 | 16018 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 16028 | 16030 | 16036 | 16038 | 16043 | 16046 | 16054 | 16055 | 16056 | 16059 | 16060 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 1     | 0     | 0     |
| ## | 16070 | 16073 | 16074 | 16075 | 16076 | 16079 | 16080 | 16081 | 16084 | 16087 | 16090 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     |
| ## | 16103 | 16104 | 16109 | 16112 | 16119 | 16122 | 16127 | 16137 | 16144 | 16146 | 16153 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 16161 | 16166 | 16169 | 16175 | 16182 | 16184 | 16190 | 16191 | 16194 | 16200 | 16201 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 1     | 1     | 0     |
| ## | 16216 | 16222 | 16227 | 16238 | 16242 | 16245 | 16249 | 16253 | 16259 | 16263 | 16264 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 16269 | 16271 | 16273 | 16274 | 16275 | 16277 | 16285 | 16290 | 16307 | 16320 | 16324 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 16345 | 16349 | 16360 | 16366 | 16369 | 16385 | 16397 | 16400 | 16402 | 16403 | 16406 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 16416 | 16417 | 16419 | 16422 | 16424 | 16429 | 16431 | 16433 | 16441 | 16462 | 16466 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 16484 | 16492 | 16495 | 16509 | 16510 | 16516 | 16526 | 16536 | 16537 | 16539 | 16558 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 16559 | 16562 | 16563 | 16565 | 16575 | 16580 | 16582 | 16583 | 16590 | 16593 | 16596 |
| ## | 1     | 1     | 1     | 1     | 0     | 0     | 1     | 0     | 1     | 0     | 1     |
| ## | 16597 | 16602 | 16603 | 16607 | 16611 | 16616 | 16617 | 16620 | 16626 | 16627 | 16629 |
| ## | 1     | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 0     | 1     | 1     |
| ## | 16631 | 16636 | 16638 | 16648 | 16661 | 16664 | 16668 | 16674 | 16683 | 16690 | 16700 |
| ## | 1     | 1     | 1     | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 0     |
| ## | 16703 | 16705 | 16715 | 16716 | 16717 | 16722 | 16723 | 16730 | 16738 | 16740 | 16753 |
| ## | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 16756 | 16766 | 16767 | 16768 | 16776 | 16782 | 16786 | 16797 | 16812 | 16815 | 16816 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 16819 | 16821 | 16823 | 16825 | 16828 | 16829 | 16837 | 16842 | 16843 | 16845 | 16846 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 16850 | 16855 | 16859 | 16865 | 16869 | 16870 | 16884 | 16887 | 16890 | 16898 | 16911 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 16912 | 16918 | 16927 | 16931 | 16932 | 16938 | 16941 | 16942 | 16950 | 16955 | 16964 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 16979 | 16982 | 16983 | 16985 | 16987 | 16992 | 16997 | 17002 | 17013 | 17020 | 17025 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 17028 | 17051 | 17052 | 17055 | 17062 | 17064 | 17069 | 17071 | 17072 | 17077 | 17083 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17085 | 17086 | 17088 | 17102 | 17104 | 17111 | 17115 | 17131 | 17140 | 17143 | 17148 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17149 | 17153 | 17157 | 17170 | 17177 | 17185 | 17189 | 17191 | 17193 | 17197 | 17198 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17199 | 17202 | 17213 | 17214 | 17220 | 17231 | 17233 | 17234 | 17236 | 17241 | 17242 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 17247 | 17249 | 17251 | 17254 | 17261 | 17266 | 17271 | 17275 | 17284 | 17287 | 17288 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17294 | 17295 | 17296 | 17302 | 17318 | 17320 | 17325 | 17328 | 17330 | 17339 | 17351 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17354 | 17359 | 17377 | 17378 | 17379 | 17386 | 17389 | 17390 | 17391 | 17405 | 17426 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17428 | 17431 | 17439 | 17445 | 17446 | 17448 | 17453 | 17454 | 17455 | 17463 | 17466 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17473 | 17483 | 17486 | 17518 | 17527 | 17531 | 17536 | 17540 | 17542 | 17548 | 17551 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17553 | 17571 | 17576 | 17578 | 17581 | 17582 | 17583 | 17584 | 17586 | 17595 | 17603 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17604 | 17608 | 17610 | 17612 | 17615 | 17620 | 17622 | 17623 | 17630 | 17632 | 17633 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17638 | 17659 | 17674 | 17690 | 17695 | 17697 | 17700 | 17705 | 17706 | 17714 | 17717 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17720 | 17721 | 17722 | 17724 | 17730 | 17734 | 17736 | 17738 | 17740 | 17742 | 17743 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17744 | 17748 | 17753 | 17756 | 17757 | 17761 | 17764 | 17767 | 17769 | 17775 | 17779 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17781 | 17784 | 17793 | 17799 | 17802 | 17803 | 17809 | 17818 | 17833 | 17834 | 17839 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17843 | 17844 | 17847 | 17854 | 17881 | 17893 | 17894 | 17899 | 17900 | 17901 | 17907 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 0     |
| ## | 17910 | 17913 | 17915 | 17916 | 17917 | 17919 | 17923 | 17925 | 17932 | 17936 | 17946 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 17950 | 17957 | 17964 | 17968 | 17970 | 17971 | 17985 | 17987 | 17994 | 17996 | 18002 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 18011 | 18015 | 18016 | 18020 | 18021 | 18035 | 18041 | 18048 | 18049 | 18053 | 18056 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 18058 | 18069 | 18072 | 18079 | 18088 | 18095 | 18105 | 18110 | 18118 | 18121 | 18131 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 18133 | 18143 | 18146 | 18151 | 18154 | 18159 | 18161 | 18173 | 18175 | 18176 | 18179 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 18186 | 18191 | 18194 | 18200 | 18202 | 18204 | 18208 | 18213 | 18216 | 18217 | 18218 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 18225 | 18228 | 18237 | 18238 | 18245 | 18252 | 18258 | 18260 | 18267 | 18269 | 18272 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 18279 | 18286 | 18298 | 18301 | 18308 | 18311 | 18315 | 18332 | 18333 | 18340 | 18355 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 18357 | 18360 | 18366 | 18374 | 18376 | 18377 | 18378 | 18380 | 18386 | 18393 | 18399 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 18401 | 18403 | 18404 | 18408 | 18430 | 18433 | 18437 | 18440 | 18442 | 18446 | 18452 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 18455 | 18456 | 18463 | 18465 | 18473 | 18482 | 18495 | 18498 | 18500 | 18502 | 18510 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 18511 | 18512 | 18513 | 18515 | 18521 | 18522 | 18524 | 18538 | 18550 | 18551 | 18554 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 18564 | 18565 | 18567 | 18573 | 18574 | 18575 | 18588 | 18590 | 18592 | 18598 | 18599 |
| ## | 1     | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 1     | 1     |
| ## | 18611 | 18613 | 18616 | 18621 | 18626 | 18631 | 18634 | 18643 | 18644 | 18653 | 18659 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 18661 | 18667 | 18669 | 18672 | 18675 | 18678 | 18680 | 18685 | 18687 | 18689 | 18697 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 18698 | 18700 | 18704 | 18705 | 18716 | 18717 | 18718 | 18723 | 18729 | 18730 | 18741 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 18742 | 18752 | 18757 | 18774 | 18777 | 18780 | 18782 | 18786 | 18789 | 18792 | 18806 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 18809 | 18823 | 18824 | 18826 | 18829 | 18836 | 18837 | 18838 | 18844 | 18853 | 18856 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 18864 | 18873 | 18886 | 18887 | 18894 | 18898 | 18903 | 18911 | 18931 | 18950 | 18963 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 18969 | 18987 | 18989 | 18990 | 18991 | 18992 | 18994 | 18998 | 19000 | 19004 | 19014 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 19016 | 19021 | 19026 | 19027 | 19031 | 19041 | 19045 | 19048 | 19049 | 19052 | 19053 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 19057 | 19063 | 19068 | 19073 | 19082 | 19089 | 19095 | 19104 | 19115 | 19119 | 19120 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 19124 | 19143 | 19145 | 19150 | 19157 | 19159 | 19161 | 19169 | 19171 | 19177 | 19180 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 19190 | 19198 | 19205 | 19207 | 19209 | 19210 | 19214 | 19216 | 19220 | 19221 | 19231 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 19244 | 19246 | 19247 | 19248 | 19260 | 19271 | 19277 | 19283 | 19288 | 19289 | 19318 |
| ## | 1     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 19331 | 19333 | 19337 | 19342 | 19366 | 19368 | 19377 | 19378 | 19380 | 19383 | 19384 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 19387 | 19396 | 19402 | 19405 | 19406 | 19412 | 19415 | 19416 | 19417 | 19420 | 19432 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 19433 | 19435 | 19436 | 19442 | 19444 | 19445 | 19449 | 19451 | 19465 | 19472 | 19480 |
| ## | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 19487 | 19493 | 19501 | 19503 | 19507 | 19511 | 19536 | 19545 | 19546 | 19548 | 19550 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 19551 | 19557 | 19559 | 19562 | 19570 | 19571 | 19573 | 19576 | 19577 | 19580 | 19592 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 19593 | 19597 | 19608 | 19617 | 19630 | 19632 | 19635 | 19636 | 19638 | 19652 | 19666 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 19675 | 19678 | 19684 | 19688 | 19691 | 19693 | 19701 | 19705 | 19707 | 19710 | 19713 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 19716 | 19721 | 19724 | 19725 | 19733 | 19734 | 19748 | 19760 | 19762 | 19764 | 19773 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 19774 | 19778 | 19785 | 19788 | 19789 | 19790 | 19791 | 19792 | 19795 | 19804 | 19806 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 19812 | 19815 | 19825 | 19836 | 19837 | 19838 | 19840 | 19850 | 19852 | 19854 | 19860 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 19862 | 19863 | 19867 | 19876 | 19891 | 19896 | 19902 | 19907 | 19911 | 19915 | 19920 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 19934 | 19935 | 19936 | 19937 | 19942 | 19947 | 19959 | 19963 | 19967 | 19987 | 19990 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 19996 | 19997 | 19998 | 20000 | 20014 | 20016 | 20022 | 20032 | 20037 | 20045 | 20051 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 20055 | 20056 | 20058 | 20066 | 20068 | 20072 | 20073 | 20074 | 20078 | 20084 | 20093 |
| ## | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 20099 | 20111 | 20117 | 20119 | 20121 | 20125 | 20128 | 20134 | 20147 | 20153 | 20155 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 20164 | 20167 | 20171 | 20172 | 20175 | 20181 | 20186 | 20190 | 20199 | 20205 | 20215 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 20216 | 20219 | 20223 | 20239 | 20249 | 20250 | 20251 | 20259 | 20261 | 20262 | 20265 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 20269 | 20270 | 20283 | 20285 | 20295 | 20301 | 20308 | 20310 | 20312 | 20320 | 20321 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 20323 | 20326 | 20329 | 20334 | 20339 | 20346 | 20355 | 20359 | 20362 | 20363 | 20370 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 20380 | 20381 | 20390 | 20391 | 20401 | 20402 | 20408 | 20411 | 20415 | 20416 | 20424 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 20434 | 20435 | 20437 | 20445 | 20458 | 20460 | 20461 | 20471 | 20472 | 20485 | 20486 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 1     |
| ## | 20487 | 20488 | 20492 | 20497 | 20501 | 20509 | 20510 | 20521 | 20528 | 20533 | 20543 |
| ## | 1     | 1     | 1     | 0     | 0     | 1     | 0     | 1     | 0     | 1     | 1     |
| ## | 20547 | 20550 | 20556 | 20559 | 20567 | 20582 | 20585 | 20590 | 20605 | 20611 | 20612 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 20613 | 20616 | 20618 | 20619 | 20625 | 20626 | 20627 | 20633 | 20645 | 20647 | 20648 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 20649 | 20653 | 20654 | 20658 | 20660 | 20664 | 20669 | 20675 | 20678 | 20695 | 20697 |
| ## | 0     | 1     | 1     | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 20704 | 20706 | 20726 | 20729 | 20738 | 20747 | 20753 | 20755 | 20761 | 20764 | 20774 |
| ## | 1     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 20777 | 20784 | 20789 | 20790 | 20791 | 20792 | 20802 | 20813 | 20815 | 20819 | 20826 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 20828 | 20832 | 20840 | 20848 | 20850 | 20853 | 20854 | 20860 | 20866 | 20868 | 20881 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 20883 | 20884 | 20894 | 20895 | 20909 | 20915 | 20921 | 20927 | 20929 | 20937 | 20940 |



|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 20941 | 20945 | 20947 | 20955 | 20967 | 20979 | 20987 | 21004 | 21013 | 21019 | 21028 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 21041 | 21043 | 21047 | 21062 | 21064 | 21067 | 21072 | 21084 | 21085 | 21087 | 21088 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 21089 | 21101 | 21105 | 21107 | 21117 | 21119 | 21121 | 21123 | 21136 | 21140 | 21141 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 21147 | 21150 | 21157 | 21167 | 21176 | 21181 | 21184 | 21189 | 21190 | 21191 | 21192 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 21193 | 21196 | 21199 | 21208 | 21213 | 21215 | 21217 | 21218 | 21219 | 21226 | 21242 |
| ## | 0     | 1     | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 1     |
| ## | 21244 | 21258 | 21260 | 21265 | 21267 | 21273 | 21286 | 21293 | 21297 | 21305 | 21307 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 0     | 1     |
| ## | 21311 | 21313 | 21314 | 21315 | 21320 | 21324 | 21327 | 21343 | 21345 | 21349 | 21350 |
| ## | 1     | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 1     | 0     | 0     |
| ## | 21352 | 21353 | 21364 | 21365 | 21371 | 21377 | 21379 | 21384 | 21394 | 21397 | 21400 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 0     |
| ## | 21410 | 21414 | 21416 | 21418 | 21419 | 21421 | 21435 | 21436 | 21439 | 21442 | 21456 |
| ## | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 21458 | 21467 | 21470 | 21471 | 21485 | 21487 | 21490 | 21494 | 21498 | 21505 | 21518 |
| ## | 1     | 1     | 1     | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 1     |
| ## | 21521 | 21524 | 21539 | 21548 | 21562 | 21573 | 21576 | 21579 | 21580 | 21581 | 21582 |
| ## | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 21585 | 21594 | 21599 | 21609 | 21632 | 21633 | 21635 | 21642 | 21647 | 21649 | 21662 |
| ## | 1     | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 21664 | 21665 | 21669 | 21671 | 21676 | 21680 | 21681 | 21685 | 21692 | 21695 | 21697 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 0     |
| ## | 21700 | 21703 | 21704 | 21706 | 21715 | 21718 | 21719 | 21720 | 21722 | 21736 | 21738 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 1     | 0     | 1     |
| ## | 21739 | 21740 | 21743 | 21751 | 21773 | 21776 | 21782 | 21787 | 21789 | 21804 | 21806 |
| ## | 1     | 0     | 1     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 21817 | 21826 | 21832 | 21835 | 21839 | 21849 | 21851 | 21853 | 21856 | 21857 | 21860 |
| ## | 1     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 21861 | 21862 | 21869 | 21874 | 21877 | 21882 | 21883 | 21887 | 21892 | 21896 | 21899 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     |
| ## | 21901 | 21904 | 21905 | 21909 | 21910 | 21915 | 21930 | 21934 | 21960 | 21961 | 21963 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 1     |
| ## | 21964 | 21967 | 21976 | 21979 | 21981 | 21988 | 21992 | 22000 | 22004 | 22010 | 22012 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     |
| ## | 22014 | 22024 | 22027 | 22033 | 22036 | 22049 | 22050 | 22054 | 22059 | 22065 | 22066 |
| ## | 0     | 0     | 1     | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 0     |
| ## | 22081 | 22087 | 22106 | 22114 | 22116 | 22118 | 22123 | 22125 | 22126 | 22129 | 22134 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 0     |
| ## | 22139 | 22140 | 22146 | 22148 | 22149 | 22150 | 22152 | 22154 | 22160 | 22162 | 22163 |
| ## | 0     | 1     | 1     | 0     | 1     | 0     | 1     | 1     | 1     | 1     | 0     |
| ## | 22169 | 22171 | 22174 | 22176 | 22185 | 22202 | 22205 | 22211 | 22213 | 22218 | 22231 |
| ## | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 22234 | 22238 | 22251 | 22254 | 22271 | 22274 | 22283 | 22284 | 22285 | 22288 | 22294 |
| ## | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 22297 | 22311 | 22317 | 22322 | 22323 | 22333 | 22349 | 22356 | 22357 | 22359 | 22364 |
| ## | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 22368 | 22370 | 22371 | 22376 | 22379 | 22386 | 22392 | 22397 | 22405 | 22412 | 22413 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 22416 | 22417 | 22419 | 22420 | 22423 | 22429 | 22436 | 22438 | 22440 | 22447 | 22448 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 22454 | 22463 | 22466 | 22467 | 22468 | 22475 | 22479 | 22480 | 22482 | 22488 | 22489 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 22491 | 22496 | 22512 | 22518 | 22521 | 22532 | 22533 | 22538 | 22539 | 22540 | 22547 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 1     | 0     | 1     |
| ## | 22555 | 22559 | 22561 | 22566 | 22567 | 22570 | 22573 | 22574 | 22575 | 22578 | 22579 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 1     | 1     | 1     | 0     |
| ## | 22583 | 22604 | 22607 | 22622 | 22627 | 22628 | 22632 | 22634 | 22638 | 22646 | 22648 |
| ## | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 22671 | 22674 | 22685 | 22686 | 22692 | 22693 | 22694 | 22703 | 22714 | 22719 | 22722 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 22725 | 22733 | 22737 | 22743 | 22749 | 22750 | 22751 | 22753 | 22773 | 22775 | 22778 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 22788 | 22789 | 22790 | 22807 | 22809 | 22813 | 22821 | 22824 | 22834 | 22838 | 22843 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 22846 | 22850 | 22853 | 22860 | 22864 | 22873 | 22879 | 22880 | 22888 | 22889 | 22895 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 22900 | 22911 | 22920 | 22923 | 22925 | 22927 | 22929 | 22935 | 22936 | 22937 | 22943 |
| ## | 1     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 1     |
| ## | 22952 | 22959 | 22964 | 22969 | 22974 | 22982 | 22984 | 23006 | 23010 | 23020 | 23025 |
| ## | 1     | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 23029 | 23030 | 23032 | 23037 | 23039 | 23041 | 23048 | 23050 | 23056 | 23059 | 23062 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23079 | 23082 | 23084 | 23090 | 23096 | 23102 | 23119 | 23123 | 23126 | 23127 | 23132 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     |
| ## | 23134 | 23138 | 23139 | 23141 | 23155 | 23157 | 23158 | 23161 | 23162 | 23163 | 23171 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 23174 | 23183 | 23185 | 23186 | 23190 | 23192 | 23195 | 23202 | 23204 | 23205 | 23207 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23210 | 23223 | 23226 | 23227 | 23237 | 23242 | 23244 | 23246 | 23247 | 23256 | 23261 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 23264 | 23266 | 23274 | 23285 | 23291 | 23293 | 23300 | 23302 | 23306 | 23307 | 23310 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23318 | 23322 | 23326 | 23334 | 23336 | 23340 | 23341 | 23347 | 23348 | 23350 | 23365 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23369 | 23372 | 23374 | 23375 | 23383 | 23393 | 23402 | 23409 | 23415 | 23432 | 23433 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23438 | 23443 | 23445 | 23450 | 23454 | 23458 | 23463 | 23469 | 23470 | 23476 | 23480 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23492 | 23494 | 23502 | 23504 | 23505 | 23514 | 23519 | 23521 | 23522 | 23527 | 23528 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23530 | 23531 | 23533 | 23539 | 23546 | 23548 | 23551 | 23556 | 23558 | 23559 | 23560 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23562 | 23563 | 23574 | 23592 | 23593 | 23594 | 23597 | 23616 | 23618 | 23624 | 23629 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23634 | 23635 | 23638 | 23640 | 23644 | 23651 | 23653 | 23659 | 23661 | 23669 | 23671 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23676 | 23678 | 23685 | 23688 | 23694 | 23696 | 23703 | 23709 | 23713 | 23714 | 23721 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23722 | 23729 | 23735 | 23737 | 23739 | 23748 | 23752 | 23760 | 23762 | 23763 | 23764 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23770 | 23774 | 23775 | 23781 | 23783 | 23794 | 23796 | 23800 | 23815 | 23816 | 23819 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23824 | 23829 | 23833 | 23836 | 23855 | 23856 | 23880 | 23881 | 23890 | 23891 | 23894 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23895 | 23896 | 23901 | 23906 | 23910 | 23911 | 23919 | 23923 | 23926 | 23927 | 23941 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23942 | 23943 | 23958 | 23960 | 23965 | 23966 | 23969 | 23971 | 23980 | 23985 | 23994 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 23998 | 24002 | 24009 | 24010 | 24020 | 24023 | 24025 | 24026 | 24030 | 24032 | 24039 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 24045 | 24067 | 24069 | 24070 | 24071 | 24081 | 24090 | 24100 | 24101 | 24103 | 24104 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 24111 | 24114 | 24116 | 24125 | 24126 | 24127 | 24132 | 24135 | 24137 | 24138 | 24139 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 24145 | 24162 | 24163 | 24166 | 24168 | 24173 | 24179 | 24180 | 24181 | 24186 | 24189 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 24190 | 24196 | 24197 | 24199 | 24201 | 24203 | 24206 | 24211 | 24214 | 24219 | 24221 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 24224 | 24225 | 24228 | 24232 | 24235 | 24236 | 24238 | 24240 | 24257 | 24270 | 24272 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 24276 | 24279 | 24283 | 24287 | 24288 | 24294 | 24297 | 24316 | 24320 | 24323 | 24334 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 24343 | 24346 | 24350 | 24355 | 24361 | 24363 | 24374 | 24385 | 24389 | 24393 | 24394 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 24400 | 24403 | 24407 | 24417 | 24421 | 24429 | 24430 | 24436 | 24437 | 24439 | 24440 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 24443 | 24469 | 24470 | 24480 | 24485 | 24488 | 24491 | 24492 | 24498 | 24500 | 24501 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 24503 | 24510 | 24511 | 24516 | 24517 | 24533 | 24537 | 24541 | 24545 | 24548 | 24549 |
| ## | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 24551 | 24553 | 24561 | 24570 | 24574 | 24580 | 24583 | 24588 | 24589 | 24593 | 24594 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 1     |
| ## | 24596 | 24597 | 24609 | 24618 | 24625 | 24626 | 24628 | 24631 | 24637 | 24641 | 24643 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     |
| ## | 24645 | 24648 | 24650 | 24651 | 24655 | 24656 | 24662 | 24665 | 24670 | 24676 | 24680 |
| ## | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     |
| ## | 24681 | 24689 | 24699 | 24701 | 24708 | 24718 | 24719 | 24721 | 24739 | 24744 | 24747 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     |
| ## | 24750 | 24762 | 24772 | 24774 | 24783 | 24787 | 24799 | 24802 | 24808 | 24819 | 24821 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 24826 | 24828 | 24831 | 24833 | 24838 | 24839 | 24842 | 24843 | 24844 | 24847 | 24848 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 24852 | 24862 | 24865 | 24866 | 24874 | 24878 | 24879 | 24888 | 24890 | 24897 | 24906 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 24907 | 24909 | 24910 | 24914 | 24924 | 24925 | 24937 | 24955 | 24959 | 24961 | 24987 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 24988 | 24991 | 25000 | 25001 | 25003 | 25022 | 25023 | 25025 | 25026 | 25030 | 25034 |
| ## | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 25035 | 25039 | 25046 | 25051 | 25055 | 25059 | 25074 | 25077 | 25082 | 25083 | 25085 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 25086 | 25087 | 25107 | 25112 | 25116 | 25117 | 25120 | 25124 | 25139 | 25144 | 25156 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 25159 | 25161 | 25171 | 25172 | 25177 | 25186 | 25187 | 25191 | 25199 | 25202 | 25203 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 25208 | 25227 | 25229 | 25232 | 25235 | 25241 | 25245 | 25250 | 25254 | 25255 | 25264 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 25270 | 25287 | 25299 | 25300 | 25303 | 25305 | 25310 | 25313 | 25315 | 25318 | 25322 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 25325 | 25331 | 25335 | 25346 | 25352 | 25360 | 25370 | 25372 | 25378 | 25380 | 25384 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 25387 | 25389 | 25398 | 25404 | 25411 | 25412 | 25427 | 25430 | 25433 | 25445 | 25453 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 25461 | 25472 | 25482 | 25483 | 25487 | 25490 | 25491 | 25505 | 25509 | 25516 | 25523 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 25524 | 25526 | 25527 | 25528 | 25531 | 25532 | 25534 | 25536 | 25543 | 25551 | 25558 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 25562 | 25565 | 25566 | 25570 | 25586 | 25588 | 25589 | 25599 | 25600 | 25602 | 25611 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 25614 | 25615 | 25625 | 25644 | 25647 | 25655 | 25659 | 25669 | 25684 | 25690 | 25693 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 25697 | 25698 | 25701 | 25704 | 25705 | 25718 | 25722 | 25738 | 25739 | 25740 | 25751 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 25759 | 25764 | 25765 | 25768 | 25772 | 25776 | 25778 | 25783 | 25785 | 25786 | 25791 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 25792 | 25797 | 25800 | 25811 | 25822 | 25825 | 25839 | 25842 | 25846 | 25854 | 25861 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 25862 | 25863 | 25866 | 25874 | 25875 | 25876 | 25879 | 25882 | 25883 | 25884 | 25890 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 25893 | 25902 | 25905 | 25906 | 25912 | 25914 | 25916 | 25918 | 25925 | 25929 | 25931 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 25932 | 25936 | 25943 | 25945 | 25947 | 25950 | 25953 | 25955 | 25957 | 25963 | 25968 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 25970 | 25971 | 25977 | 25979 | 25983 | 25992 | 26004 | 26011 | 26014 | 26015 | 26032 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 26036 | 26046 | 26050 | 26057 | 26058 | 26064 | 26070 | 26076 | 26082 | 26090 | 26092 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 26095 | 26097 | 26104 | 26108 | 26112 | 26130 | 26143 | 26153 | 26179 | 26181 | 26184 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 26190 | 26192 | 26193 | 26196 | 26203 | 26204 | 26210 | 26212 | 26216 | 26217 | 26221 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 26231 | 26233 | 26240 | 26243 | 26248 | 26253 | 26257 | 26262 | 26268 | 26280 | 26285 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 26290 | 26298 | 26299 | 26300 | 26317 | 26328 | 26335 | 26336 | 26337 | 26342 | 26345 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 26358 | 26362 | 26370 | 26376 | 26380 | 26389 | 26394 | 26396 | 26413 | 26417 | 26419 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 26425 | 26429 | 26430 | 26431 | 26432 | 26436 | 26437 | 26445 | 26449 | 26451 | 26453 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 26461 | 26465 | 26471 | 26481 | 26487 | 26493 | 26496 | 26498 | 26517 | 26519 | 26520 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 26523 | 26525 | 26540 | 26542 | 26547 | 26548 | 26555 | 26560 | 26583 | 26590 | 26596 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 26598 | 26603 | 26606 | 26611 | 26617 | 26618 | 26622 | 26639 | 26645 | 26651 | 26657 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 26660 | 26665 | 26668 | 26673 | 26697 | 26699 | 26705 | 26712 | 26720 | 26723 | 26726 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 26727 | 26732 | 26738 | 26742 | 26744 | 26751 | 26752 | 26759 | 26765 | 26766 | 26779 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 26785 | 26792 | 26795 | 26797 | 26800 | 26805 | 26807 | 26810 | 26812 | 26813 | 26830 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 26835 | 26840 | 26848 | 26854 | 26857 | 26859 | 26862 | 26870 | 26874 | 26891 | 26898 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 26910 | 26913 | 26918 | 26920 | 26928 | 26931 | 26933 | 26939 | 26953 | 26955 | 26958 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 26967 | 26973 | 26978 | 26989 | 26990 | 27000 | 27001 | 27023 | 27026 | 27032 | 27038 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 27069 | 27078 | 27080 | 27081 | 27083 | 27085 | 27088 | 27089 | 27097 | 27100 | 27101 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 27108 | 27112 | 27114 | 27126 | 27134 | 27136 | 27138 | 27145 | 27148 | 27152 | 27162 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 27164 | 27165 | 27168 | 27174 | 27176 | 27182 | 27183 | 27186 | 27192 | 27194 | 27195 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 27198 | 27206 | 27230 | 27231 | 27252 | 27255 | 27261 | 27265 | 27273 | 27277 | 27283 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 27287 | 27305 | 27308 | 27312 | 27313 | 27315 | 27326 | 27334 | 27335 | 27340 | 27344 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 27368 | 27371 | 27375 | 27377 | 27378 | 27383 | 27398 | 27399 | 27403 | 27409 | 27429 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 27430 | 27433 | 27435 | 27439 | 27445 | 27449 | 27454 | 27457 | 27469 | 27472 | 27474 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 27475 | 27485 | 27488 | 27497 | 27502 | 27503 | 27505 | 27507 | 27510 | 27511 | 27515 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 27518 | 27520 | 27526 | 27536 | 27537 | 27541 | 27551 | 27552 | 27556 | 27557 | 27568 |
| ## | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 27578 | 27579 | 27580 | 27584 | 27585 | 27599 | 27600 | 27601 | 27607 | 27613 | 27615 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 27617 | 27619 | 27626 | 27629 | 27637 | 27639 | 27640 | 27641 | 27646 | 27649 | 27651 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 27652 | 27657 | 27659 | 27660 | 27662 | 27675 | 27677 | 27683 | 27689 | 27694 | 27695 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 27699 | 27700 | 27702 | 27708 | 27715 | 27724 | 27725 | 27727 | 27731 | 27733 | 27748 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 27754 | 27756 | 27764 | 27766 | 27767 | 27773 | 27776 | 27786 | 27792 | 27793 | 27794 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 1     |
| ## | 27796 | 27799 | 27809 | 27815 | 27822 | 27825 | 27830 | 27833 | 27834 | 27837 | 27850 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 27851 | 27855 | 27856 | 27857 | 27859 | 27864 | 27874 | 27884 | 27896 | 27908 | 27915 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 27917 | 27918 | 27924 | 27928 | 27932 | 27933 | 27942 | 27945 | 27947 | 27961 | 27965 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 27973 | 27974 | 27978 | 27979 | 27980 | 27982 | 27985 | 27987 | 27990 | 27997 | 27998 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 28004 | 28007 | 28010 | 28012 | 28014 | 28020 | 28027 | 28038 | 28041 | 28042 | 28043 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 28050 | 28054 | 28055 | 28069 | 28075 | 28081 | 28082 | 28091 | 28095 | 28096 | 28104 |
| ## | 0     | 1     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 28108 | 28115 | 28117 | 28135 | 28144 | 28148 | 28150 | 28151 | 28152 | 28159 | 28161 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 28162 | 28163 | 28167 | 28168 | 28169 | 28172 | 28182 | 28190 | 28191 | 28193 | 28206 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 28207 | 28209 | 28214 | 28218 | 28219 | 28230 | 28231 | 28236 | 28240 | 28248 | 28250 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 1     | 1     |
| ## | 28252 | 28254 | 28263 | 28267 | 28268 | 28269 | 28271 | 28277 | 28279 | 28280 | 28290 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 28297 | 28298 | 28302 | 28304 | 28305 | 28312 | 28315 | 28316 | 28318 | 28327 | 28340 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     |
| ## | 28362 | 28364 | 28365 | 28373 | 28376 | 28392 | 28394 | 28395 | 28403 | 28412 | 28413 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 28417 | 28418 | 28420 | 28430 | 28437 | 28440 | 28441 | 28454 | 28458 | 28466 | 28467 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 28477 | 28482 | 28489 | 28495 | 28501 | 28503 | 28507 | 28517 | 28518 | 28524 | 28526 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 28534 | 28537 | 28538 | 28541 | 28546 | 28547 | 28549 | 28558 | 28570 | 28571 | 28572 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 28578 | 28587 | 28589 | 28593 | 28596 | 28598 | 28603 | 28605 | 28610 | 28614 | 28618 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 28632 | 28643 | 28644 | 28647 | 28650 | 28652 | 28656 | 28657 | 28663 | 28668 | 28672 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 28687 | 28688 | 28699 | 28702 | 28705 | 28713 | 28715 | 28722 | 28739 | 28755 | 28765 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 28767 | 28770 | 28773 | 28777 | 28788 | 28793 | 28797 | 28815 | 28817 | 28829 | 28840 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 28841 | 28845 | 28849 | 28852 | 28860 | 28862 | 28863 | 28866 | 28870 | 28874 | 28878 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 28879 | 28885 | 28887 | 28889 | 28893 | 28894 | 28901 | 28902 | 28924 | 28925 | 28931 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 28951 | 28953 | 28970 | 28971 | 28974 | 28978 | 28985 | 28992 | 28993 | 28994 | 29003 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 29008 | 29023 | 29024 | 29034 | 29036 | 29040 | 29047 | 29052 | 29056 | 29058 | 29077 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 29081 | 29085 | 29086 | 29094 | 29098 | 29108 | 29110 | 29119 | 29122 | 29123 | 29126 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 29131 | 29145 | 29148 | 29149 | 29160 | 29161 | 29181 | 29186 | 29194 | 29196 | 29199 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 29209 | 29232 | 29233 | 29238 | 29241 | 29244 | 29246 | 29248 | 29252 | 29257 | 29263 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 29264 | 29267 | 29286 | 29290 | 29295 | 29296 | 29297 | 29311 | 29316 | 29318 | 29327 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 29328 | 29334 | 29335 | 29342 | 29357 | 29369 | 29390 | 29397 | 29399 | 29401 | 29411 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 29412 | 29417 | 29427 | 29428 | 29435 | 29441 | 29443 | 29447 | 29450 | 29452 | 29456 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 29464 | 29468 | 29480 | 29481 | 29483 | 29486 | 29487 | 29492 | 29507 | 29510 | 29514 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     |
| ## | 29516 | 29518 | 29533 | 29564 | 29568 | 29577 | 29580 | 29584 | 29586 | 29587 | 29593 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 29611 | 29612 | 29618 | 29633 | 29640 | 29649 | 29653 | 29657 | 29668 | 29676 | 29693 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     |
| ## | 29707 | 29710 | 29712 | 29713 | 29715 | 29725 | 29730 | 29731 | 29734 | 29741 | 29745 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     |
| ## | 29746 | 29748 | 29756 | 29760 | 29763 | 29764 | 29768 | 29770 | 29774 | 29778 | 29796 |
| ## | 1     | 1     | 1     | 1     | 0     | 1     | 1     | 0     | 1     | 1     | 1     |
| ## | 29797 | 29799 | 29813 | 29815 | 29818 | 29819 | 29824 | 29827 | 29846 | 29851 | 29855 |
| ## | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 1     | 0     |
| ## | 29861 | 29864 | 29867 | 29881 | 29884 | 29891 | 29906 | 29909 | 29912 | 29920 | 29922 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 0     |
| ## | 29925 | 29930 | 29937 | 29944 | 29945 | 29946 | 29951 | 29952 | 29956 | 29959 | 29961 |
| ## | 1     | 0     | 1     | 1     | 1     | 1     | 0     | 0     | 0     | 1     | 1     |
| ## | 29966 | 29970 | 29973 | 29974 | 29986 | 30002 | 30010 | 30018 | 30020 | 30028 | 30032 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 1     |
| ## | 30051 | 30067 | 30068 | 30070 | 30095 | 30096 | 30099 | 30104 | 30108 | 30114 | 30119 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 30122 | 30128 | 30130 | 30141 | 30144 | 30149 | 30152 | 30154 | 30162 | 30163 | 30167 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 0     |
| ## | 30168 | 30174 | 30175 | 30179 | 30180 | 30183 | 30185 | 30186 | 30189 | 30194 | 30195 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 30196 | 30200 | 30203 | 30205 | 30209 | 30210 | 30218 | 30222 | 30226 | 30227 | 30238 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 30240 | 30241 | 30245 | 30246 | 30251 | 30259 | 30269 | 30270 | 30271 | 30281 | 30292 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     |
| ## | 30294 | 30300 | 30305 | 30306 | 30308 | 30316 | 30319 | 30322 | 30325 | 30330 | 30331 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     |
| ## | 30346 | 30347 | 30349 | 30354 | 30355 | 30361 | 30367 | 30371 | 30375 | 30386 | 30394 |
| ## | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 30395 | 30396 | 30397 | 30407 | 30408 | 30424 | 30427 | 30433 | 30434 | 30442 | 30445 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 30448 | 30464 | 30476 | 30479 | 30486 | 30488 | 30497 | 30503 | 30505 | 30508 | 30509 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     |
| ## | 30510 | 30512 | 30516 | 30525 | 30543 | 30544 | 30545 | 30550 | 30551 | 30560 | 30564 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 30565 | 30566 | 30576 | 30577 | 30582 | 30585 | 30587 | 30588 | 30594 | 30595 | 30598 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 0     | 1     |
| ## | 30603 | 30604 | 30606 | 30611 | 30612 | 30635 | 30636 | 30637 | 30642 | 30649 | 30654 |
| ## | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 30655 | 30668 | 30675 | 30676 | 30677 | 30680 | 30683 | 30688 | 30694 | 30698 | 30702 |
| ## | 1     | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 1     | 0     | 0     |
| ## | 30705 | 30707 | 30716 | 30717 | 30763 | 30768 | 30778 | 30788 | 30790 | 30791 | 30792 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 1     |
| ## | 30796 | 30807 | 30817 | 30829 | 30832 | 30842 | 30843 | 30847 | 30857 | 30859 | 30866 |
| ## | 0     | 1     | 0     | 1     | 0     | 1     | 1     | 1     | 0     | 1     | 1     |
| ## | 30871 | 30877 | 30880 | 30881 | 30882 | 30883 | 30895 | 30898 | 30906 | 30908 | 30909 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 30915 | 30928 | 30931 | 30932 | 30938 | 30942 | 30951 | 30952 | 30956 | 30960 | 30961 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     |
| ## | 30975 | 30977 | 30980 | 30990 | 30992 | 30996 | 31001 | 31018 | 31034 | 31037 | 31040 |
| ## | 0     | 1     | 1     | 1     | 1     | 1     | 0     | 0     | 1     | 0     | 0     |
| ## | 31042 | 31048 | 31049 | 31053 | 31056 | 31057 | 31059 | 31069 | 31073 | 31077 | 31084 |
| ## | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| ## | 31085 | 31089 | 31092 | 31096 | 31097 | 31109 | 31113 | 31116 | 31132 | 31143 | 31145 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 31149 | 31153 | 31162 | 31168 | 31171 | 31172 | 31176 | 31177 | 31184 | 31190 | 31193 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 31200 | 31210 | 31211 | 31216 | 31228 | 31235 | 31237 | 31239 | 31240 | 31249 | 31261 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 31262 | 31273 | 31275 | 31278 | 31283 | 31285 | 31289 | 31299 | 31300 | 31306 | 31317 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 31323 | 31325 | 31331 | 31353 | 31356 | 31357 | 31360 | 31361 | 31365 | 31379 | 31386 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 31388 | 31396 | 31404 | 31409 | 31411 | 31418 | 31423 | 31425 | 31427 | 31429 | 31433 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 31434 | 31435 | 31439 | 31440 | 31442 | 31446 | 31449 | 31454 | 31456 | 31460 | 31462 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 31463 | 31466 | 31467 | 31486 | 31489 | 31492 | 31496 | 31501 | 31511 | 31516 | 31523 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 31526 | 31528 | 31529 | 31532 | 31536 | 31546 | 31547 | 31560 | 31561 | 31574 | 31576 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 31594 | 31600 | 31603 | 31609 | 31613 | 31625 | 31634 | 31639 | 31645 | 31654 | 31657 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 31658 | 31659 | 31663 | 31665 | 31681 | 31686 | 31700 | 31712 | 31724 | 31732 | 31733 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 31741 | 31743 | 31747 | 31748 | 31749 | 31754 | 31758 | 31759 | 31761 | 31763 | 31765 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 31767 | 31768 | 31771 | 31775 | 31777 | 31778 | 31785 | 31804 | 31811 | 31815 | 31824 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 31829 | 31847 | 31852 | 31857 | 31858 | 31860 | 31871 | 31873 | 31874 | 31875 | 31881 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 31889 | 31895 | 31896 | 31907 | 31923 | 31925 | 31929 | 31937 | 31940 | 31943 | 31946 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     |
| ## | 31949 | 31955 | 31956 | 31958 | 31961 | 31964 | 31976 | 31980 | 31991 | 32007 | 32015 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 32016 | 32017 | 32025 | 32027 | 32028 | 32034 | 32038 | 32044 | 32057 | 32062 | 32083 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 32085 | 32089 | 32090 | 32091 | 32106 | 32111 | 32134 | 32135 | 32140 | 32143 | 32150 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 32161 | 32173 | 32176 | 32180 | 32184 | 32188 | 32194 | 32210 | 32211 | 32212 | 32213 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 32215 | 32231 | 32239 | 32253 | 32255 | 32256 | 32264 | 32267 | 32269 | 32283 | 32291 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     |
| ## | 32296 | 32301 | 32307 | 32316 | 32329 | 32332 | 32335 | 32337 | 32339 | 32353 | 32358 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 32360 | 32366 | 32368 | 32393 | 32400 | 32404 | 32406 | 32408 | 32415 | 32432 | 32434 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 32437 | 32441 | 32445 | 32448 | 32452 | 32455 | 32463 | 32464 | 32468 | 32473 | 32484 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     |
| ## | 32490 | 32495 | 32509 | 32510 | 32514 | 32518 | 32526 | 32540 | 32541 | 32545 | 32549 |
| ## | 0     | 0     | 1     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 1     |
| ## | 32553 | 32557 | 32573 | 32575 | 32576 | 32580 | 32589 | 32593 | 32594 | 32601 | 32604 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 32606 | 32611 | 32614 | 32626 | 32632 | 32650 | 32670 | 32672 | 32688 | 32689 | 32698 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 32701 | 32718 | 32719 | 32720 | 32724 | 32725 | 32738 | 32742 | 32747 | 32749 | 32752 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 32753 | 32759 | 32762 | 32766 | 32769 | 32772 | 32773 | 32777 | 32779 | 32780 | 32788 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 32789 | 32796 | 32799 | 32802 | 32803 | 32804 | 32819 | 32823 | 32826 | 32832 | 32833 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 32841 | 32860 | 32864 | 32865 | 32867 | 32868 | 32879 | 32885 | 32886 | 32894 | 32895 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 32901 | 32904 | 32908 | 32911 | 32912 | 32916 | 32918 | 32923 | 32930 | 32933 | 32935 |
| ## | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 32940 | 32942 | 32943 | 32948 | 32950 | 32951 | 32955 | 32962 | 32966 | 32967 | 32974 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 32976 | 32977 | 32988 | 32990 | 33001 | 33003 | 33009 | 33011 | 33012 | 33013 | 33022 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 33026 | 33034 | 33040 | 33043 | 33046 | 33056 | 33058 | 33059 | 33060 | 33062 | 33066 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 33068 | 33069 | 33073 | 33076 | 33080 | 33086 | 33117 | 33125 | 33136 | 33137 | 33146 |



|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 33151 | 33153 | 33154 | 33156 | 33175 | 33176 | 33184 | 33200 | 33210 | 33216 | 33231 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 33237 | 33242 | 33254 | 33269 | 33271 | 33272 | 33275 | 33290 | 33295 | 33296 | 33302 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 33306 | 33317 | 33322 | 33326 | 33331 | 33336 | 33347 | 33348 | 33352 | 33353 | 33358 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 33373 | 33384 | 33388 | 33389 | 33392 | 33398 | 33406 | 33407 | 33410 | 33411 | 33414 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 33416 | 33430 | 33435 | 33437 | 33448 | 33452 | 33461 | 33465 | 33470 | 33471 | 33473 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 33475 | 33477 | 33479 | 33480 | 33486 | 33487 | 33488 | 33489 | 33490 | 33492 | 33493 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 33500 | 33503 | 33505 | 33514 | 33518 | 33520 | 33522 | 33526 | 33533 | 33537 | 33539 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 33546 | 33554 | 33555 | 33568 | 33571 | 33577 | 33588 | 33592 | 33602 | 33604 | 33609 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 33612 | 33614 | 33617 | 33619 | 33620 | 33624 | 33626 | 33635 | 33645 | 33646 | 33648 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 33656 | 33658 | 33660 | 33662 | 33668 | 33669 | 33676 | 33679 | 33681 | 33682 | 33687 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 33693 | 33700 | 33709 | 33712 | 33718 | 33723 | 33725 | 33726 | 33731 | 33732 | 33734 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 33741 | 33742 | 33751 | 33756 | 33774 | 33778 | 33779 | 33780 | 33797 | 33801 | 33803 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 33809 | 33815 | 33816 | 33819 | 33824 | 33825 | 33826 | 33832 | 33840 | 33845 | 33846 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 33847 | 33853 | 33869 | 33871 | 33879 | 33889 | 33891 | 33893 | 33894 | 33895 | 33896 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 33898 | 33901 | 33903 | 33909 | 33911 | 33923 | 33926 | 33930 | 33932 | 33946 | 33953 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 33955 | 33961 | 33963 | 33969 | 33981 | 33989 | 33991 | 33995 | 33999 | 34020 | 34024 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 34028 | 34034 | 34042 | 34043 | 34046 | 34051 | 34064 | 34066 | 34067 | 34069 | 34085 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 34087 | 34089 | 34090 | 34093 | 34095 | 34099 | 34100 | 34104 | 34105 | 34112 | 34117 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 34118 | 34123 | 34131 | 34136 | 34139 | 34145 | 34146 | 34157 | 34158 | 34169 | 34170 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 34172 | 34173 | 34176 | 34178 | 34188 | 34194 | 34200 | 34201 | 34202 | 34211 | 34225 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 34229 | 34231 | 34234 | 34235 | 34240 | 34243 | 34244 | 34250 | 34251 | 34254 | 34261 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 34274 | 34277 | 34280 | 34282 | 34287 | 34289 | 34290 | 34307 | 34309 | 34312 | 34317 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 34318 | 34327 | 34328 | 34330 | 34339 | 34340 | 34343 | 34346 | 34354 | 34358 | 34359 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 34368 | 34373 | 34374 | 34386 | 34390 | 34396 | 34417 | 34421 | 34426 | 34429 | 34438 |
| ## | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     |
| ## | 34439 | 34440 | 34442 | 34443 | 34448 | 34449 | 34450 | 34455 | 34474 | 34476 | 34480 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 34488 | 34493 | 34499 | 34500 | 34504 | 34506 | 34512 | 34513 | 34514 | 34516 | 34519 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 34528 | 34535 | 34553 | 34558 | 34560 | 34576 | 34579 | 34581 | 34590 | 34593 | 34594 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 34599 | 34606 | 34607 | 34608 | 34612 | 34615 | 34620 | 34626 | 34630 | 34645 | 34654 |
| ## | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 34657 | 34663 | 34669 | 34674 | 34676 | 34686 | 34696 | 34701 | 34703 | 34705 | 34706 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 34717 | 34719 | 34724 | 34731 | 34742 | 34746 | 34747 | 34750 | 34752 | 34753 | 34756 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 34757 | 34761 | 34762 | 34766 | 34769 | 34774 | 34775 | 34778 | 34780 | 34782 | 34786 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 34788 | 34795 | 34799 | 34811 | 34815 | 34819 | 34823 | 34828 | 34829 | 34835 | 34837 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 34850 | 34852 | 34854 | 34860 | 34864 | 34873 | 34877 | 34882 | 34908 | 34916 | 34918 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 34926 | 34931 | 34934 | 34939 | 34942 | 34950 | 34953 | 34957 | 34970 | 34978 | 34982 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 34984 | 34990 | 34992 | 35002 | 35006 | 35008 | 35010 | 35011 | 35017 | 35019 | 35023 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35025 | 35035 | 35045 | 35061 | 35062 | 35072 | 35076 | 35079 | 35092 | 35095 | 35096 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35111 | 35117 | 35120 | 35126 | 35127 | 35129 | 35137 | 35140 | 35143 | 35144 | 35145 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35150 | 35161 | 35162 | 35163 | 35168 | 35180 | 35198 | 35201 | 35213 | 35225 | 35231 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35234 | 35236 | 35240 | 35245 | 35250 | 35251 | 35256 | 35261 | 35263 | 35265 | 35267 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     |
| ## | 35269 | 35276 | 35282 | 35285 | 35286 | 35291 | 35296 | 35298 | 35302 | 35308 | 35310 |
| ## | 1     | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 1     |
| ## | 35311 | 35312 | 35317 | 35320 | 35323 | 35327 | 35331 | 35343 | 35345 | 35347 | 35349 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 35359 | 35360 | 35361 | 35363 | 35364 | 35379 | 35380 | 35381 | 35382 | 35385 | 35386 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35388 | 35394 | 35400 | 35407 | 35413 | 35415 | 35419 | 35427 | 35429 | 35434 | 35436 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 35437 | 35438 | 35446 | 35458 | 35459 | 35461 | 35465 | 35466 | 35474 | 35479 | 35484 |
| ## | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35488 | 35491 | 35499 | 35503 | 35510 | 35517 | 35520 | 35524 | 35531 | 35534 | 35548 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35560 | 35565 | 35576 | 35586 | 35588 | 35590 | 35591 | 35593 | 35598 | 35601 | 35603 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35608 | 35610 | 35612 | 35615 | 35616 | 35621 | 35637 | 35638 | 35641 | 35650 | 35675 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35691 | 35699 | 35701 | 35705 | 35708 | 35709 | 35713 | 35722 | 35724 | 35733 | 35749 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35750 | 35751 | 35764 | 35766 | 35781 | 35788 | 35789 | 35791 | 35794 | 35796 | 35806 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35813 | 35817 | 35822 | 35846 | 35859 | 35868 | 35877 | 35893 | 35894 | 35900 | 35909 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35911 | 35915 | 35918 | 35926 | 35927 | 35931 | 35934 | 35935 | 35936 | 35941 | 35942 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35946 | 35947 | 35956 | 35975 | 35976 | 35977 | 35978 | 35979 | 35987 | 35991 | 35992 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 35993 | 35998 | 36004 | 36005 | 36007 | 36011 | 36012 | 36023 | 36024 | 36041 | 36043 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 36047 | 36051 | 36055 | 36056 | 36061 | 36068 | 36070 | 36071 | 36073 | 36084 | 36087 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 36093 | 36103 | 36109 | 36118 | 36124 | 36126 | 36130 | 36139 | 36146 | 36161 | 36166 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 36168 | 36169 | 36170 | 36175 | 36180 | 36184 | 36190 | 36198 | 36201 | 36210 | 36218 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 36223 | 36231 | 36240 | 36242 | 36247 | 36251 | 36256 | 36261 | 36272 | 36276 | 36288 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 36291 | 36295 | 36314 | 36326 | 36337 | 36344 | 36346 | 36356 | 36357 | 36362 | 36363 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 36373 | 36374 | 36376 | 36379 | 36380 | 36391 | 36392 | 36393 | 36394 | 36395 | 36401 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 36406 | 36413 | 36425 | 36429 | 36430 | 36431 | 36433 | 36435 | 36444 | 36447 | 36456 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 36457 | 36462 | 36465 | 36466 | 36467 | 36475 | 36483 | 36486 | 36493 | 36499 | 36501 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 36507 | 36509 | 36512 | 36515 | 36518 | 36527 | 36535 | 36536 | 36549 | 36554 | 36559 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 36571 | 36574 | 36577 | 36578 | 36583 | 36588 | 36591 | 36592 | 36599 | 36609 | 36623 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 36636 | 36638 | 36645 | 36648 | 36649 | 36650 | 36653 | 36676 | 36679 | 36691 | 36706 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 36707 | 36714 | 36715 | 36719 | 36723 | 36725 | 36731 | 36738 | 36739 | 36746 | 36749 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 36750 | 36756 | 36759 | 36761 | 36766 | 36771 | 36779 | 36782 | 36783 | 36795 | 36799 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     |
| ## | 36808 | 36809 | 36814 | 36815 | 36816 | 36824 | 36825 | 36826 | 36829 | 36836 | 36839 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 36861 | 36863 | 36867 | 36882 | 36883 | 36884 | 36890 | 36893 | 36894 | 36895 | 36903 |
| ## | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 36922 | 36923 | 36926 | 36942 | 36946 | 36949 | 36955 | 36960 | 36961 | 36962 | 36964 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 36972 | 36974 | 36980 | 36989 | 36992 | 37008 | 37011 | 37014 | 37015 | 37019 | 37029 |
| ## | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 37033 | 37035 | 37044 | 37048 | 37054 | 37059 | 37062 | 37073 | 37075 | 37079 | 37100 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 37101 | 37109 | 37113 | 37116 | 37121 | 37124 | 37132 | 37133 | 37134 | 37136 | 37145 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 37146 | 37148 | 37149 | 37162 | 37171 | 37176 | 37189 | 37190 | 37193 | 37198 | 37201 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 37202 | 37203 | 37206 | 37213 | 37220 | 37246 | 37248 | 37253 | 37257 | 37259 | 37266 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 37271 | 37272 | 37282 | 37306 | 37314 | 37316 | 37319 | 37322 | 37323 | 37325 | 37329 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 37331 | 37333 | 37339 | 37340 | 37346 | 37356 | 37360 | 37374 | 37376 | 37378 | 37387 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 37389 | 37405 | 37422 | 37426 | 37431 | 37434 | 37450 | 37462 | 37468 | 37473 | 37474 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 37482 | 37485 | 37504 | 37506 | 37517 | 37521 | 37528 | 37533 | 37535 | 37542 | 37551 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 37553 | 37554 | 37555 | 37563 | 37570 | 37579 | 37595 | 37607 | 37608 | 37615 | 37616 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 37620 | 37625 | 37629 | 37632 | 37633 | 37634 | 37671 | 37673 | 37678 | 37686 | 37704 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 37709 | 37710 | 37711 | 37713 | 37719 | 37720 | 37721 | 37723 | 37724 | 37729 | 37732 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 37735 | 37759 | 37774 | 37779 | 37796 | 37804 | 37805 | 37806 | 37812 | 37814 | 37818 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 37823 | 37825 | 37829 | 37832 | 37838 | 37844 | 37845 | 37847 | 37851 | 37852 | 37853 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 37868 | 37869 | 37874 | 37890 | 37892 | 37893 | 37900 | 37902 | 37911 | 37913 | 37920 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 37927 | 37930 | 37937 | 37942 | 37944 | 37946 | 37948 | 37953 | 37954 | 37962 | 37965 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 37967 | 37969 | 37970 | 37979 | 37987 | 38013 | 38020 | 38022 | 38025 | 38031 | 38035 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 38041 | 38045 | 38050 | 38055 | 38058 | 38060 | 38061 | 38072 | 38076 | 38081 | 38091 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 38097 | 38122 | 38126 | 38132 | 38141 | 38144 | 38150 | 38152 | 38154 | 38157 | 38167 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 38169 | 38171 | 38176 | 38182 | 38183 | 38194 | 38196 | 38200 | 38202 | 38207 | 38208 |
| ## | 0     | 0     | 1     | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 1     |
| ## | 38211 | 38219 | 38223 | 38226 | 38227 | 38229 | 38235 | 38239 | 38240 | 38241 | 38244 |
| ## | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 1     |
| ## | 38248 | 38254 | 38256 | 38257 | 38261 | 38271 | 38272 | 38281 | 38282 | 38284 | 38286 |
| ## | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 38289 | 38292 | 38293 | 38294 | 38299 | 38302 | 38313 | 38315 | 38323 | 38325 | 38330 |
| ## | 1     | 1     | 0     | 1     | 0     | 1     | 1     | 1     | 1     | 0     | 0     |
| ## | 38334 | 38342 | 38346 | 38350 | 38361 | 38365 | 38366 | 38370 | 38380 | 38385 | 38386 |
| ## | 1     | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 1     | 0     | 0     |
| ## | 38389 | 38398 | 38400 | 38403 | 38412 | 38421 | 38429 | 38436 | 38442 | 38459 | 38462 |
| ## | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 1     |
| ## | 38467 | 38472 | 38474 | 38479 | 38484 | 38485 | 38489 | 38492 | 38502 | 38519 | 38522 |
| ## | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 38528 | 38532 | 38543 | 38554 | 38568 | 38589 | 38590 | 38597 | 38606 | 38613 | 38615 |
| ## | 0     | 1     | 1     | 1     | 1     | 0     | 0     | 1     | 0     | 1     | 1     |
| ## | 38616 | 38625 | 38628 | 38629 | 38639 | 38640 | 38644 | 38646 | 38647 | 38650 | 38657 |
| ## | 0     | 0     | 1     | 1     | 1     | 0     | 1     | 1     | 1     | 0     | 1     |
| ## | 38658 | 38660 | 38662 | 38663 | 38670 | 38671 | 38672 | 38679 | 38681 | 38683 | 38688 |
| ## | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 38689 | 38699 | 38704 | 38710 | 38712 | 38715 | 38717 | 38719 | 38724 | 38728 | 38730 |
| ## | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 1     |
| ## | 38736 | 38755 | 38765 | 38769 | 38772 | 38776 | 38778 | 38779 | 38782 | 38783 | 38784 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 1     |
| ## | 38788 | 38795 | 38797 | 38802 | 38816 | 38824 | 38830 | 38838 | 38842 | 38846 | 38848 |
| ## | 0     | 1     | 0     | 1     | 0     | 1     | 0     | 1     | 0     | 1     | 0     |
| ## | 38849 | 38862 | 38865 | 38872 | 38880 | 38886 | 38888 | 38891 | 38895 | 38912 | 38916 |
| ## | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 1     | 0     | 0     | 1     |
| ## | 38922 | 38928 | 38929 | 38937 | 38944 | 38946 | 38953 | 38962 | 38964 | 38969 | 38971 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 1     |
| ## | 38979 | 38983 | 38989 | 38996 | 38997 | 39000 | 39005 | 39016 | 39029 | 39030 | 39032 |
| ## | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 39034 | 39035 | 39036 | 39038 | 39046 | 39063 | 39066 | 39073 | 39080 | 39081 | 39090 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 39096 | 39097 | 39100 | 39102 | 39105 | 39107 | 39114 | 39115 | 39117 | 39127 | 39128 |
| ## | 1     | 1     | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 1     | 1     |
| ## | 39137 | 39138 | 39146 | 39147 | 39152 | 39157 | 39161 | 39163 | 39166 | 39172 | 39176 |
| ## | 1     | 1     | 1     | 0     | 1     | 0     | 1     | 1     | 1     | 1     | 1     |
| ## | 39182 | 39183 | 39190 | 39193 | 39197 | 39200 | 39201 | 39204 | 39205 | 39209 | 39212 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 1     | 1     | 1     | 0     | 1     | 0     | 1     | 0     | 1     |
| ## | 39219 | 39221 | 39227 | 39237 | 39239 | 39242 | 39252 | 39254 | 39266 | 39271 | 39272 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 0     | 0     |
| ## | 39277 | 39283 | 39291 | 39292 | 39294 | 39295 | 39300 | 39303 | 39306 | 39312 | 39321 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 39323 | 39328 | 39332 | 39335 | 39336 | 39345 | 39347 | 39354 | 39359 | 39360 | 39364 |
| ## | 0     | 1     | 0     | 1     | 1     | 0     | 1     | 0     | 0     | 0     | 1     |
| ## | 39368 | 39375 | 39382 | 39384 | 39390 | 39391 | 39402 | 39410 | 39411 | 39417 | 39427 |
| ## | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 1     | 1     | 1     | 0     |
| ## | 39428 | 39433 | 39437 | 39453 | 39464 | 39471 | 39473 | 39491 | 39496 | 39504 | 39510 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 39514 | 39518 | 39520 | 39521 | 39527 | 39533 | 39534 | 39539 | 39541 | 39547 | 39549 |
| ## | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 0     | 1     | 1     |
| ## | 39552 | 39556 | 39558 | 39568 | 39579 | 39582 | 39584 | 39595 | 39597 | 39602 | 39603 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 39612 | 39615 | 39628 | 39631 | 39633 | 39651 | 39657 | 39660 | 39663 | 39669 | 39671 |
| ## | 0     | 0     | 1     | 1     | 1     | 0     | 1     | 1     | 0     | 1     | 1     |
| ## | 39676 | 39678 | 39681 | 39687 | 39688 | 39709 | 39711 | 39718 | 39724 | 39725 | 39742 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     |
| ## | 39753 | 39760 | 39764 | 39772 | 39773 | 39775 | 39788 | 39793 | 39800 | 39808 | 39820 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 39829 | 39842 | 39845 | 39847 | 39848 | 39859 | 39868 | 39869 | 39876 | 39887 | 39893 |
| ## | 1     | 1     | 0     | 0     | 1     | 0     | 1     | 0     | 1     | 0     | 0     |
| ## | 39894 | 39896 | 39902 | 39915 | 39925 | 39931 | 39936 | 39938 | 39940 | 39943 | 39950 |
| ## | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 1     |
| ## | 39958 | 39961 | 39973 | 39978 | 39980 | 39983 | 39989 | 39990 | 39991 | 39993 | 39994 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 39997 | 40005 | 40007 | 40012 | 40015 | 40017 | 40018 | 40030 | 40042 | 40045 | 40051 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 40055 | 40071 | 40078 | 40080 | 40081 | 40082 | 40086 | 40093 | 40103 | 40105 | 40108 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40110 | 40124 | 40133 | 40140 | 40144 | 40150 | 40152 | 40154 | 40162 | 40167 | 40170 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40175 | 40184 | 40187 | 40192 | 40196 | 40203 | 40206 | 40208 | 40210 | 40214 | 40216 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40220 | 40227 | 40228 | 40230 | 40238 | 40252 | 40254 | 40255 | 40261 | 40263 | 40264 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40265 | 40267 | 40275 | 40295 | 40296 | 40297 | 40304 | 40305 | 40316 | 40320 | 40325 |
| ## | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40330 | 40335 | 40343 | 40351 | 40356 | 40366 | 40375 | 40377 | 40384 | 40385 | 40391 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40403 | 40404 | 40405 | 40406 | 40429 | 40431 | 40437 | 40438 | 40450 | 40456 | 40461 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 40464 | 40476 | 40477 | 40479 | 40483 | 40493 | 40494 | 40499 | 40504 | 40507 | 40513 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40516 | 40518 | 40521 | 40523 | 40541 | 40544 | 40545 | 40553 | 40556 | 40564 | 40566 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40575 | 40578 | 40580 | 40587 | 40591 | 40603 | 40607 | 40611 | 40635 | 40636 | 40637 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40651 | 40654 | 40655 | 40658 | 40670 | 40672 | 40679 | 40682 | 40687 | 40688 | 40696 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40701 | 40704 | 40706 | 40708 | 40709 | 40713 | 40719 | 40720 | 40726 | 40727 | 40728 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40734 | 40742 | 40747 | 40749 | 40752 | 40753 | 40761 | 40762 | 40763 | 40768 | 40777 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40781 | 40782 | 40795 | 40798 | 40799 | 40800 | 40806 | 40813 | 40815 | 40820 | 40823 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 40826 | 40830 | 40832 | 40849 | 40850 | 40852 | 40854 | 40860 | 40862 | 40868 | 40870 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 40873 | 40876 | 40882 | 40891 | 40897 | 40899 | 40901 | 40908 | 40916 | 40921 | 40922 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40928 | 40932 | 40933 | 40934 | 40940 | 40941 | 40942 | 40958 | 40960 | 40964 | 40967 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 40970 | 40974 | 40987 | 40988 | 41001 | 41005 | 41008 | 41009 | 41010 | 41016 | 41017 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 41019 | 41024 | 41044 | 41051 | 41056 | 41060 | 41073 | 41090 | 41091 | 41092 | 41107 |
| ## | 1     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 41116 | 41120 | 41129 | 41136 | 41141 | 41157 | 41159 | 41160 | 41168 | 41171 | 41174 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 41175 | 41179 | 41182 | 41183 | 41192 | 41203 | 41210 | 41211 | 41212 | 41215 | 41219 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 41221 | 41228 | 41239 | 41244 | 41257 | 41264 | 41265 | 41272 | 41274 | 41279 | 41287 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 41290 | 41299 | 41303 | 41307 | 41310 | 41311 | 41320 | 41324 | 41327 | 41334 | 41344 |
| ## | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 1     | 0     | 0     |
| ## | 41347 | 41349 | 41350 | 41357 | 41359 | 41361 | 41367 | 41368 | 41374 | 41382 | 41385 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 41389 | 41397 | 41398 | 41399 | 41401 | 41406 | 41415 | 41425 | 41430 | 41432 | 41436 |
| ## | 0     | 0     | 1     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 1     |
| ## | 41439 | 41440 | 41449 | 41451 | 41455 | 41456 | 41461 | 41466 | 41476 | 41480 | 41483 |
| ## | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 41487 | 41493 | 41499 | 41500 | 41503 | 41504 | 41514 | 41520 | 41522 | 41524 | 41525 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 41536 | 41541 | 41542 | 41564 | 41566 | 41568 | 41571 | 41574 | 41577 | 41580 | 41581 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 41582 | 41592 | 41594 | 41600 | 41602 | 41613 | 41628 | 41629 | 41632 | 41634 | 41636 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 41638 | 41641 | 41649 | 41654 | 41657 | 41672 | 41676 | 41678 | 41689 | 41690 | 41696 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 41702 | 41704 | 41705 | 41710 | 41714 | 41718 | 41720 | 41722 | 41723 | 41725 | 41729 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     |
| ## | 41734 | 41736 | 41739 | 41741 | 41743 | 41745 | 41762 | 41767 | 41769 | 41770 | 41777 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 41785 | 41786 | 41790 | 41793 | 41794 | 41798 | 41799 | 41807 | 41810 | 41811 | 41813 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 41815 | 41822 | 41826 | 41828 | 41833 | 41834 | 41835 | 41836 | 41838 | 41839 | 41841 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 41842 | 41844 | 41848 | 41851 | 41852 | 41853 | 41866 | 41872 | 41885 | 41887 | 41890 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 41894 | 41898 | 41899 | 41900 | 41901 | 41902 | 41904 | 41916 | 41917 | 41924 | 41933 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 41936 | 41942 | 41945 | 41949 | 41954 | 41957 | 41959 | 41964 | 41967 | 41982 | 41990 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 41996 | 42002 | 42004 | 42008 | 42015 | 42029 | 42031 | 42032 | 42038 | 42039 | 42044 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 42047 | 42058 | 42062 | 42068 | 42073 | 42083 | 42091 | 42095 | 42096 | 42097 | 42104 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 42107 | 42108 | 42109 | 42111 | 42113 | 42115 | 42132 | 42141 | 42145 | 42150 | 42154 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 42186 | 42190 | 42193 | 42197 | 42210 | 42215 | 42226 | 42228 | 42233 | 42249 | 42253 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 42260 | 42262 | 42263 | 42273 | 42285 | 42291 | 42317 | 42319 | 42327 | 42329 | 42341 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 42343 | 42346 | 42349 | 42354 | 42358 | 42362 | 42372 | 42374 | 42377 | 42378 | 42379 |
| ## | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 42387 | 42394 | 42406 | 42409 | 42412 | 42423 | 42426 | 42428 | 42441 | 42446 | 42454 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 42455 | 42461 | 42470 | 42472 | 42481 | 42483 | 42487 | 42488 | 42494 | 42501 | 42503 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 42506 | 42513 | 42521 | 42523 | 42528 | 42538 | 42542 | 42543 | 42548 | 42549 | 42552 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     |
| ## | 42556 | 42566 | 42571 | 42576 | 42584 | 42588 | 42591 | 42597 | 42598 | 42600 | 42601 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 42604 | 42613 | 42614 | 42619 | 42623 | 42625 | 42626 | 42631 | 42637 | 42650 | 42658 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 42667 | 42677 | 42679 | 42684 | 42685 | 42698 | 42715 | 42717 | 42724 | 42729 | 42730 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 42731 | 42733 | 42737 | 42739 | 42741 | 42742 | 42750 | 42752 | 42755 | 42768 | 42778 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 42782 | 42785 | 42789 | 42797 | 42799 | 42800 | 42802 | 42804 | 42812 | 42814 | 42819 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 42822 | 42823 | 42827 | 42831 | 42842 | 42849 | 42856 | 42858 | 42864 | 42867 | 42868 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 42869 | 42885 | 42887 | 42889 | 42890 | 42894 | 42900 | 42906 | 42912 | 42918 | 42924 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 42926 | 42928 | 42932 | 42937 | 42940 | 42944 | 42954 | 42956 | 42960 | 42962 | 42964 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 42974 | 42983 | 42987 | 42997 | 43000 | 43002 | 43003 | 43007 | 43009 | 43011 | 43012 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43013 | 43015 | 43035 | 43041 | 43043 | 43057 | 43060 | 43061 | 43064 | 43077 | 43083 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43089 | 43092 | 43095 | 43102 | 43104 | 43108 | 43110 | 43119 | 43126 | 43140 | 43148 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     |
| ## | 43153 | 43155 | 43157 | 43160 | 43162 | 43169 | 43170 | 43174 | 43183 | 43185 | 43197 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 43198 | 43203 | 43210 | 43212 | 43215 | 43223 | 43227 | 43228 | 43232 | 43234 | 43235 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43237 | 43241 | 43244 | 43250 | 43253 | 43266 | 43267 | 43269 | 43271 | 43272 | 43286 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43290 | 43294 | 43299 | 43311 | 43318 | 43322 | 43325 | 43334 | 43342 | 43346 | 43358 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 43359 | 43360 | 43361 | 43365 | 43366 | 43368 | 43374 | 43378 | 43382 | 43388 | 43398 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43404 | 43414 | 43415 | 43417 | 43424 | 43434 | 43435 | 43439 | 43442 | 43446 | 43452 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43456 | 43459 | 43465 | 43469 | 43481 | 43486 | 43500 | 43506 | 43510 | 43512 | 43525 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43547 | 43550 | 43551 | 43555 | 43558 | 43563 | 43566 | 43568 | 43573 | 43574 | 43575 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43585 | 43598 | 43599 | 43604 | 43612 | 43614 | 43618 | 43621 | 43626 | 43636 | 43642 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43648 | 43654 | 43658 | 43660 | 43664 | 43674 | 43676 | 43677 | 43681 | 43689 | 43699 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43702 | 43703 | 43708 | 43712 | 43713 | 43715 | 43720 | 43725 | 43731 | 43734 | 43737 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43742 | 43747 | 43752 | 43754 | 43768 | 43773 | 43775 | 43784 | 43795 | 43796 | 43804 |
| ## | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     |
| ## | 43824 | 43827 | 43829 | 43830 | 43834 | 43835 | 43837 | 43853 | 43855 | 43856 | 43858 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43861 | 43862 | 43863 | 43865 | 43867 | 43869 | 43872 | 43875 | 43877 | 43885 | 43891 |
| ## | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43897 | 43901 | 43903 | 43905 | 43910 | 43914 | 43915 | 43916 | 43925 | 43926 | 43929 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 43944 | 43946 | 43947 | 43953 | 43954 | 43968 | 43969 | 43976 | 43978 | 43986 | 43988 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 43990 | 44004 | 44011 | 44012 | 44013 | 44015 | 44021 | 44024 | 44027 | 44029 | 44031 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     |
| ## | 44035 | 44038 | 44040 | 44044 | 44046 | 44057 | 44062 | 44066 | 44070 | 44072 | 44078 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44081 | 44084 | 44092 | 44097 | 44113 | 44116 | 44117 | 44120 | 44123 | 44126 | 44127 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44129 | 44130 | 44135 | 44139 | 44143 | 44146 | 44147 | 44152 | 44156 | 44164 | 44165 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44167 | 44177 | 44179 | 44192 | 44194 | 44201 | 44212 | 44216 | 44218 | 44223 | 44229 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44230 | 44242 | 44252 | 44258 | 44260 | 44266 | 44267 | 44268 | 44269 | 44281 | 44283 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44290 | 44295 | 44306 | 44309 | 44312 | 44313 | 44320 | 44321 | 44323 | 44324 | 44329 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44333 | 44344 | 44347 | 44352 | 44358 | 44369 | 44385 | 44396 | 44397 | 44400 | 44401 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44407 | 44419 | 44425 | 44429 | 44430 | 44432 | 44434 | 44436 | 44444 | 44451 | 44457 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44458 | 44465 | 44474 | 44483 | 44485 | 44488 | 44489 | 44502 | 44505 | 44514 | 44518 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44524 | 44545 | 44547 | 44548 | 44550 | 44555 | 44558 | 44561 | 44570 | 44572 | 44578 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44580 | 44583 | 44598 | 44602 | 44609 | 44617 | 44618 | 44620 | 44621 | 44622 | 44628 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44632 | 44637 | 44642 | 44653 | 44663 | 44665 | 44668 | 44677 | 44680 | 44684 | 44686 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44692 | 44693 | 44694 | 44699 | 44700 | 44704 | 44714 | 44715 | 44716 | 44720 | 44721 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44722 | 44725 | 44730 | 44734 | 44739 | 44751 | 44755 | 44763 | 44764 | 44768 | 44776 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44780 | 44790 | 44791 | 44794 | 44795 | 44801 | 44811 | 44817 | 44818 | 44820 | 44824 |
| ## | 0     | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 0     |
| ## | 44827 | 44835 | 44836 | 44845 | 44849 | 44856 | 44872 | 44873 | 44874 | 44884 | 44887 |
| ## | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 44903 | 44911 | 44912 | 44913 | 44914 | 44918 | 44919 | 44923 | 44925 | 44930 | 44934 |
| ## | 1     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 1     | 1     | 1     |
| ## | 44935 | 44941 | 44944 | 44951 | 44958 | 44964 | 44973 | 44974 | 44978 | 44982 | 44987 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 44997 | 45004 | 45007 | 45012 | 45014 | 45020 | 45026 | 45037 | 45040 | 45045 | 45059 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 45066 | 45076 | 45080 | 45084 | 45093 | 45103 | 45107 | 45118 | 45122 | 45128 | 45137 |



|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 45141 | 45143 | 45144 | 45145 | 45147 | 45152 | 45156 | 45160 | 45161 | 45163 | 45165 |
| ## | 1     | 1     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 45166 | 45170 | 45177 | 45180 | 45187 | 45191 | 45194 | 45197 | 45207 | 45208 | 45213 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 1     |
| ## | 45214 | 45216 | 45218 | 45223 | 45226 | 45229 | 45233 | 45234 | 45235 | 45236 | 45249 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 45251 | 45253 | 45259 | 45265 | 45266 | 45281 | 45283 | 45284 | 45285 | 45293 | 45294 |
| ## | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 0     | 1     | 1     | 0     |
| ## | 45301 | 45309 | 45312 | 45322 | 45325 | 45334 | 45335 | 45342 | 45344 | 45356 | 45366 |
| ## | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 1     | 1     | 0     | 1     |
| ## | 45368 | 45372 | 45373 | 45376 | 45385 | 45394 | 45397 | 45399 | 45409 | 45411 | 45414 |
| ## | 1     | 0     | 0     | 1     | 1     | 0     | 1     | 1     | 0     | 0     | 1     |
| ## | 45416 | 45417 | 45422 | 45431 | 45433 | 45434 | 45438 | 45460 | 45463 | 45465 | 45470 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 45474 | 45478 | 45479 | 45480 | 45483 | 45485 | 45486 | 45487 | 45494 | 45505 | 45507 |
| ## | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 45508 | 45510 | 45514 | 45523 | 45524 | 45528 | 45531 | 45532 | 45537 | 45544 | 45546 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     |
| ## | 45549 | 45551 | 45554 | 45555 | 45557 | 45566 | 45570 | 45572 | 45574 | 45579 | 45589 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 45595 | 45596 | 45597 | 45598 | 45599 | 45601 | 45604 | 45606 | 45612 | 45614 | 45620 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 45634 | 45641 | 45655 | 45659 | 45660 | 45661 | 45666 | 45670 | 45672 | 45675 | 45683 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 45685 | 45691 | 45692 | 45703 | 45704 | 45706 | 45710 | 45712 | 45714 | 45720 | 45722 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 45733 | 45741 | 45750 | 45755 | 45756 | 45767 | 45768 | 45774 | 45781 | 45785 | 45788 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 45797 | 45809 | 45810 | 45817 | 45832 | 45834 | 45835 | 45843 | 45844 | 45846 | 45857 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 45861 | 45864 | 45866 | 45871 | 45891 | 45896 | 45897 | 45899 | 45902 | 45903 | 45904 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 45908 | 45910 | 45913 | 45919 | 45929 | 45940 | 45947 | 45954 | 45959 | 45963 | 45964 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 45969 | 45977 | 45982 | 45985 | 45996 | 45999 | 46000 | 46004 | 46005 | 46007 | 46008 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 46016 | 46024 | 46026 | 46028 | 46033 | 46040 | 46041 | 46042 | 46044 | 46045 | 46047 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 46050 | 46053 | 46055 | 46057 | 46058 | 46060 | 46062 | 46064 | 46066 | 46068 | 46072 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 46074 | 46086 | 46088 | 46098 | 46100 | 46103 | 46113 | 46117 | 46121 | 46123 | 46128 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 46130 | 46139 | 46140 | 46144 | 46146 | 46149 | 46150 | 46160 | 46161 | 46167 | 46176 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 46180 | 46195 | 46196 | 46217 | 46218 | 46219 | 46227 | 46237 | 46238 | 46241 | 46244 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 46245 | 46247 | 46248 | 46249 | 46251 | 46252 | 46256 | 46263 | 46268 | 46270 | 46280 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 46296 | 46299 | 46300 | 46301 | 46302 | 46305 | 46307 | 46308 | 46310 | 46316 | 46319 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 46326 | 46327 | 46330 | 46331 | 46335 | 46336 | 46341 | 46342 | 46343 | 46344 | 46353 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 46359 | 46360 | 46368 | 46370 | 46380 | 46385 | 46400 | 46432 | 46439 | 46444 | 46445 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 46451 | 46456 | 46461 | 46479 | 46482 | 46490 | 46498 | 46499 | 46506 | 46507 | 46524 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 46526 | 46533 | 46540 | 46541 | 46551 | 46552 | 46555 | 46558 | 46566 | 46585 | 46586 |
| ## | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 0     |
| ## | 46589 | 46592 | 46593 | 46597 | 46598 | 46601 | 46603 | 46610 | 46612 | 46614 | 46626 |
| ## | 0     | 1     | 1     | 1     | 0     | 1     | 1     | 1     | 1     | 0     | 0     |
| ## | 46630 | 46638 | 46652 | 46653 | 46654 | 46657 | 46674 | 46687 | 46692 | 46699 | 46707 |
| ## | 1     | 1     | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| ## | 46715 | 46718 | 46719 | 46722 | 46730 | 46732 | 46736 | 46744 | 46746 | 46756 | 46765 |
| ## | 1     | 0     | 1     | 0     | 1     | 1     | 1     | 0     | 1     | 1     | 1     |
| ## | 46769 | 46784 | 46786 | 46788 | 46795 | 46797 | 46800 | 46803 | 46807 | 46808 | 46813 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     |
| ## | 46818 | 46820 | 46823 | 46833 | 46834 | 46840 | 46841 | 46847 | 46850 | 46853 | 46863 |
| ## | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 1     | 0     | 1     | 1     |
| ## | 46868 | 46876 | 46887 | 46888 | 46889 | 46891 | 46894 | 46906 | 46912 | 46918 | 46936 |
| ## | 1     | 1     | 0     | 1     | 0     | 1     | 1     | 0     | 1     | 1     | 0     |
| ## | 46937 | 46943 | 46944 | 46946 | 46951 | 46955 | 46958 | 46967 | 46976 | 46977 | 46982 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 1     |
| ## | 46984 | 46991 | 47000 | 47003 | 47006 | 47007 | 47015 | 47046 | 47049 | 47051 | 47060 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 47066 | 47070 | 47072 | 47082 | 47083 | 47098 | 47107 | 47114 | 47120 | 47122 | 47124 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 47126 | 47134 | 47148 | 47152 | 47154 | 47157 | 47166 | 47188 | 47196 | 47201 | 47206 |
| ## | 1     | 1     | 0     | 1     | 0     | 1     | 0     | 1     | 1     | 1     | 0     |
| ## | 47213 | 47218 | 47219 | 47228 | 47243 | 47245 | 47253 | 47254 | 47259 | 47264 | 47266 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 47268 | 47281 | 47287 | 47297 | 47301 | 47303 | 47308 | 47318 | 47325 | 47326 | 47327 |
| ## | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 1     |
| ## | 47338 | 47339 | 47340 | 47349 | 47353 | 47354 | 47364 | 47366 | 47369 | 47378 | 47382 |
| ## | 1     | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 47392 | 47393 | 47399 | 47400 | 47403 | 47407 | 47410 | 47411 | 47415 | 47417 | 47419 |
| ## | 0     | 1     | 1     | 1     | 0     | 1     | 1     | 0     | 1     | 0     | 0     |
| ## | 47421 | 47426 | 47428 | 47430 | 47434 | 47439 | 47441 | 47444 | 47445 | 47462 | 47467 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 1     |
| ## | 47470 | 47494 | 47495 | 47499 | 47502 | 47503 | 47504 | 47513 | 47515 | 47525 | 47526 |
| ## | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 47530 | 47538 | 47545 | 47546 | 47554 | 47556 | 47559 | 47564 | 47568 | 47586 | 47588 |
| ## | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 47605 | 47615 | 47631 | 47640 | 47642 | 47649 | 47653 | 47659 | 47661 | 47664 | 47667 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 0     | 0     |
| ## | 47671 | 47675 | 47676 | 47677 | 47679 | 47687 | 47692 | 47714 | 47715 | 47720 | 47724 |
| ## | 1     | 1     | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 47727 | 47730 | 47731 | 47733 | 47736 | 47737 | 47739 | 47750 | 47754 | 47762 | 47768 |
| ## | 1     | 1     | 1     | 1     | 0     | 0     | 0     | 1     | 1     | 1     | 1     |
| ## | 47774 | 47779 | 47781 | 47783 | 47794 | 47795 | 47797 | 47807 | 47809 | 47828 | 47843 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 47844 | 47845 | 47851 | 47852 | 47858 | 47861 | 47867 | 47873 | 47893 | 47895 | 47907 |
| ## | 1     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 1     |
| ## | 47910 | 47912 | 47917 | 47919 | 47931 | 47936 | 47938 | 47942 | 47943 | 47944 | 47951 |
| ## | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 1     |
| ## | 47954 | 47960 | 47966 | 47967 | 47971 | 47975 | 47979 | 47980 | 47984 | 47987 | 47991 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 47997 | 47998 | 48000 | 48002 | 48006 | 48014 | 48015 | 48016 | 48019 | 48021 | 48022 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 48034 | 48035 | 48036 | 48051 | 48061 | 48063 | 48064 | 48066 | 48069 | 48076 | 48078 |
| ## | 1     | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 0     |
| ## | 48080 | 48081 | 48082 | 48083 | 48084 | 48093 | 48098 | 48100 | 48120 | 48121 | 48130 |
| ## | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48131 | 48136 | 48138 | 48140 | 48145 | 48147 | 48150 | 48158 | 48163 | 48168 | 48178 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48192 | 48195 | 48198 | 48199 | 48203 | 48206 | 48210 | 48226 | 48229 | 48230 | 48238 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48255 | 48256 | 48259 | 48263 | 48271 | 48274 | 48276 | 48286 | 48289 | 48298 | 48303 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48306 | 48309 | 48316 | 48325 | 48328 | 48341 | 48356 | 48358 | 48366 | 48375 | 48379 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48381 | 48384 | 48393 | 48395 | 48397 | 48403 | 48404 | 48417 | 48421 | 48423 | 48430 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48431 | 48432 | 48433 | 48437 | 48439 | 48450 | 48461 | 48463 | 48468 | 48478 | 48479 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48487 | 48489 | 48490 | 48491 | 48501 | 48505 | 48514 | 48520 | 48525 | 48528 | 48533 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48539 | 48543 | 48546 | 48549 | 48564 | 48566 | 48579 | 48593 | 48599 | 48606 | 48614 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48616 | 48619 | 48622 | 48626 | 48630 | 48631 | 48633 | 48636 | 48642 | 48646 | 48647 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48657 | 48659 | 48666 | 48671 | 48672 | 48678 | 48680 | 48687 | 48712 | 48713 | 48714 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 48724 | 48729 | 48753 | 48756 | 48758 | 48759 | 48763 | 48765 | 48767 | 48769 | 48782 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48785 | 48791 | 48793 | 48798 | 48800 | 48806 | 48807 | 48809 | 48811 | 48812 | 48820 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48823 | 48824 | 48828 | 48829 | 48831 | 48835 | 48854 | 48861 | 48869 | 48877 | 48880 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48883 | 48886 | 48890 | 48893 | 48894 | 48897 | 48900 | 48901 | 48914 | 48915 | 48920 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 48931 | 48940 | 48941 | 48946 | 48947 | 48949 | 48957 | 48962 | 48964 | 48965 | 48967 |
| ## | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 48969 | 48978 | 48979 | 48983 | 49008 | 49015 | 49016 | 49020 | 49021 | 49025 | 49033 |
| ## | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 49034 | 49039 | 49046 | 49051 | 49055 | 49058 | 49073 | 49075 | 49090 | 49097 | 49098 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 49099 | 49100 | 49103 | 49106 | 49108 | 49110 | 49112 | 49115 | 49134 | 49135 | 49139 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 49141 | 49152 | 49157 | 49160 | 49167 | 49178 | 49185 | 49187 | 49201 | 49205 | 49210 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 49224 | 49238 | 49245 | 49248 | 49261 | 49265 | 49270 | 49271 | 49272 | 49277 | 49282 |
| ## | 0     | 1     | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 0     | 0     |
| ## | 49284 | 49290 | 49292 | 49295 | 49307 | 49308 | 49313 | 49317 | 49324 | 49326 | 49334 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 49343 | 49348 | 49357 | 49360 | 49378 | 49383 | 49393 | 49406 | 49411 | 49413 | 49421 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     |
| ## | 49424 | 49427 | 49428 | 49434 | 49465 | 49468 | 49469 | 49471 | 49481 | 49491 | 49507 |
| ## | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 49517 | 49519 | 49522 | 49526 | 49537 | 49538 | 49539 | 49545 | 49546 | 49549 | 49551 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 49555 | 49571 | 49573 | 49583 | 49585 | 49593 | 49595 | 49600 | 49602 | 49609 | 49612 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 49615 | 49616 | 49619 | 49627 | 49630 | 49632 | 49633 | 49634 | 49644 | 49645 | 49653 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 49655 | 49663 | 49665 | 49671 | 49677 | 49681 | 49686 | 49687 | 49688 | 49694 | 49695 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 49705 | 49710 | 49718 | 49722 | 49729 | 49730 | 49733 | 49743 | 49750 | 49760 | 49761 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 49762 | 49768 | 49778 | 49782 | 49785 | 49786 | 49787 | 49790 | 49798 | 49799 | 49804 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 49811 | 49818 | 49827 | 49828 | 49829 | 49837 | 49838 | 49842 | 49845 | 49853 | 49856 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 49858 | 49868 | 49869 | 49874 | 49875 | 49881 | 49883 | 49885 | 49887 | 49891 | 49892 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 49894 | 49895 | 49904 | 49906 | 49907 | 49914 | 49917 | 49920 | 49921 | 49923 | 49926 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 49929 | 49930 | 49934 | 49937 | 49938 | 49939 | 49942 | 49945 | 49947 | 49951 | 49955 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 49962 | 49973 | 49978 | 49980 | 49991 | 49994 | 49995 | 49997 | 50000 | 50004 | 50010 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 50015 | 50016 | 50022 | 50025 | 50026 | 50027 | 50031 | 50034 | 50035 | 50054 | 50067 |
| ## | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     |
| ## | 50071 | 50076 | 50078 | 50086 | 50090 | 50098 | 50102 | 50109 | 50112 | 50115 | 50116 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 50136 | 50137 | 50140 | 50144 | 50150 | 50156 | 50160 | 50163 | 50168 | 50171 | 50175 |
| ## | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 50183 | 50185 | 50187 | 50188 | 50191 | 50193 | 50194 | 50211 | 50219 | 50225 | 50227 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 50232 | 50244 | 50250 | 50252 | 50256 | 50258 | 50260 | 50271 | 50272 | 50274 | 50282 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 50300 | 50304 | 50309 | 50311 | 50320 | 50327 | 50331 | 50332 | 50333 | 50340 | 50346 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 50353 | 50358 | 50364 | 50378 | 50382 | 50390 | 50404 | 50406 | 50413 | 50416 | 50420 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 50422 | 50438 | 50440 | 50444 | 50449 | 50451 | 50458 | 50461 | 50466 | 50472 | 50473 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 50474 | 50477 | 50486 | 50487 | 50493 | 50495 | 50503 | 50505 | 50506 | 50508 | 50512 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 50519 | 50521 | 50522 | 50524 | 50528 | 50536 | 50542 | 50549 | 50552 | 50558 | 50561 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 50563 | 50566 | 50569 | 50570 | 50585 | 50589 | 50596 | 50599 | 50601 | 50607 | 50608 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 50610 | 50613 | 50616 | 50619 | 50625 | 50642 | 50647 | 50649 | 50657 | 50659 | 50660 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 50667 | 50668 | 50669 | 50672 | 50679 | 50687 | 50689 | 50719 | 50729 | 50730 | 50731 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 50734 | 50745 | 50749 | 50762 | 50782 | 50785 | 50786 | 50788 | 50789 | 50790 | 50793 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 50801 | 50804 | 50807 | 50809 | 50811 | 50812 | 50814 | 50816 | 50826 | 50827 | 50839 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 50843 | 50847 | 50850 | 50852 | 50864 | 50866 | 50883 | 50887 | 50903 | 50904 | 50912 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 50917 | 50918 | 50919 | 50924 | 50925 | 50934 | 50950 | 50952 | 50959 | 50961 | 50966 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 50969 | 50970 | 50972 | 50978 | 50989 | 50990 | 50994 | 50995 | 51000 | 51003 | 51005 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51007 | 51022 | 51024 | 51027 | 51029 | 51031 | 51039 | 51040 | 51046 | 51049 | 51053 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51056 | 51060 | 51061 | 51078 | 51080 | 51082 | 51090 | 51096 | 51098 | 51100 | 51102 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 51105 | 51107 | 51112 | 51116 | 51121 | 51123 | 51125 | 51134 | 51138 | 51141 | 51147 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51151 | 51154 | 51156 | 51159 | 51162 | 51166 | 51172 | 51173 | 51176 | 51178 | 51183 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51184 | 51198 | 51199 | 51203 | 51208 | 51210 | 51213 | 51216 | 51217 | 51219 | 51224 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51225 | 51226 | 51232 | 51236 | 51237 | 51241 | 51243 | 51244 | 51246 | 51248 | 51252 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51254 | 51258 | 51274 | 51279 | 51290 | 51295 | 51297 | 51301 | 51307 | 51316 | 51317 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51325 | 51331 | 51333 | 51334 | 51342 | 51345 | 51347 | 51348 | 51351 | 51361 | 51379 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51383 | 51390 | 51397 | 51398 | 51401 | 51410 | 51414 | 51416 | 51418 | 51430 | 51431 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51445 | 51446 | 51454 | 51456 | 51463 | 51468 | 51470 | 51480 | 51483 | 51489 | 51490 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51491 | 51493 | 51498 | 51499 | 51502 | 51514 | 51515 | 51522 | 51524 | 51534 | 51539 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51544 | 51550 | 51553 | 51556 | 51557 | 51565 | 51568 | 51579 | 51580 | 51585 | 51602 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51604 | 51613 | 51614 | 51615 | 51621 | 51625 | 51627 | 51635 | 51638 | 51647 | 51649 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51651 | 51660 | 51665 | 51666 | 51667 | 51673 | 51674 | 51675 | 51680 | 51685 | 51694 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51700 | 51714 | 51717 | 51719 | 51724 | 51728 | 51732 | 51733 | 51736 | 51737 | 51740 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51743 | 51753 | 51763 | 51772 | 51773 | 51774 | 51783 | 51784 | 51785 | 51796 | 51797 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51798 | 51804 | 51807 | 51810 | 51811 | 51826 | 51828 | 51830 | 51832 | 51841 | 51843 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 1     |
| ## | 51857 | 51860 | 51864 | 51867 | 51870 | 51878 | 51880 | 51881 | 51884 | 51885 | 51887 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 51891 | 51898 | 51907 | 51914 | 51918 | 51921 | 51929 | 51938 | 51943 | 51945 | 51946 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 51954 | 51959 | 51963 | 51965 | 51967 | 51972 | 51976 | 51983 | 51987 | 51995 | 52045 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 52047 | 52048 | 52057 | 52060 | 52064 | 52069 | 52077 | 52085 | 52091 | 52094 | 52098 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 52099 | 52100 | 52104 | 52122 | 52125 | 52142 | 52146 | 52150 | 52152 | 52154 | 52157 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 52167 | 52168 | 52169 | 52172 | 52180 | 52200 | 52203 | 52205 | 52206 | 52208 | 52209 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 52213 | 52229 | 52233 | 52235 | 52241 | 52243 | 52244 | 52248 | 52250 | 52254 | 52257 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 52268 | 52274 | 52275 | 52276 | 52287 | 52291 | 52294 | 52299 | 52306 | 52309 | 52312 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 52317 | 52324 | 52339 | 52340 | 52342 | 52343 | 52344 | 52349 | 52352 | 52357 | 52358 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 52362 | 52363 | 52365 | 52369 | 52375 | 52383 | 52386 | 52416 | 52417 | 52426 | 52430 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 52435 | 52437 | 52446 | 52447 | 52448 | 52454 | 52457 | 52462 | 52469 | 52470 | 52476 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 52478 | 52483 | 52491 | 52492 | 52497 | 52502 | 52503 | 52504 | 52505 | 52507 | 52523 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 52524 | 52525 | 52530 | 52535 | 52540 | 52541 | 52549 | 52555 | 52557 | 52559 | 52562 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 52575 | 52582 | 52590 | 52593 | 52595 | 52597 | 52602 | 52605 | 52606 | 52614 | 52616 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 52617 | 52635 | 52642 | 52645 | 52646 | 52654 | 52661 | 52662 | 52669 | 52670 | 52672 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 52673 | 52674 | 52682 | 52695 | 52705 | 52710 | 52712 | 52713 | 52716 | 52718 | 52720 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 52722 | 52723 | 52729 | 52731 | 52732 | 52742 | 52745 | 52750 | 52754 | 52755 | 52756 |
| ## | 1     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 52758 | 52767 | 52768 | 52771 | 52775 | 52779 | 52781 | 52786 | 52794 | 52801 | 52806 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 52807 | 52808 | 52809 | 52814 | 52816 | 52822 | 52830 | 52839 | 52842 | 52849 | 52857 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 52859 | 52863 | 52865 | 52868 | 52874 | 52875 | 52877 | 52878 | 52882 | 52884 | 52888 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 52896 | 52905 | 52921 | 52922 | 52925 | 52930 | 52936 | 52941 | 52943 | 52946 | 52952 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     |
| ## | 52957 | 52958 | 52968 | 52972 | 52975 | 52984 | 52989 | 52990 | 52995 | 52998 | 53001 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     |
| ## | 53003 | 53008 | 53022 | 53027 | 53029 | 53036 | 53041 | 53045 | 53051 | 53056 | 53070 |
| ## | 0     | 1     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 53074 | 53087 | 53089 | 53098 | 53108 | 53114 | 53115 | 53116 | 53120 | 53129 | 53132 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 1     |
| ## | 53137 | 53145 | 53146 | 53151 | 53158 | 53162 | 53176 | 53179 | 53194 | 53196 | 53201 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 1     | 1     | 1     | 0     |
| ## | 53207 | 53210 | 53214 | 53217 | 53218 | 53225 | 53227 | 53229 | 53243 | 53244 | 53247 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     |
| ## | 53249 | 53264 | 53266 | 53268 | 53271 | 53277 | 53280 | 53291 | 53294 | 53296 | 53301 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 1     |
| ## | 53309 | 53327 | 53329 | 53331 | 53335 | 53347 | 53348 | 53350 | 53351 | 53366 | 53368 |
| ## | 1     | 1     | 1     | 1     | 0     | 1     | 0     | 0     | 1     | 1     | 1     |
| ## | 53369 | 53384 | 53386 | 53387 | 53389 | 53397 | 53398 | 53401 | 53405 | 53409 | 53413 |
| ## | 1     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 53429 | 53433 | 53434 | 53435 | 53436 | 53439 | 53451 | 53454 | 53457 | 53471 | 53483 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 53493 | 53499 | 53501 | 53506 | 53507 | 53508 | 53510 | 53512 | 53519 | 53522 | 53539 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 53540 | 53541 | 53545 | 53547 | 53550 | 53556 | 53562 | 53571 | 53578 | 53579 | 53581 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 53590 | 53596 | 53600 | 53605 | 53608 | 53619 | 53624 | 53626 | 53627 | 53645 | 53656 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 53660 | 53663 | 53677 | 53680 | 53683 | 53687 | 53709 | 53710 | 53717 | 53718 | 53728 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 53730 | 53735 | 53737 | 53740 | 53741 | 53746 | 53753 | 53760 | 53765 | 53775 | 53778 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 53781 | 53785 | 53792 | 53793 | 53796 | 53800 | 53801 | 53805 | 53807 | 53812 | 53813 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 53846 | 53848 | 53851 | 53860 | 53863 | 53866 | 53872 | 53881 | 53882 | 53888 | 53889 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 53890 | 53891 | 53895 | 53899 | 53900 | 53906 | 53907 | 53909 | 53920 | 53935 | 53940 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 53942 | 53944 | 53945 | 53948 | 53953 | 53956 | 53968 | 53969 | 53973 | 53975 | 53981 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 53993 | 53996 | 54012 | 54018 | 54021 | 54024 | 54026 | 54035 | 54036 | 54039 | 54041 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 54043 | 54048 | 54058 | 54059 | 54062 | 54066 | 54069 | 54071 | 54076 | 54085 | 54106 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 54113 | 54119 | 54131 | 54133 | 54143 | 54147 | 54148 | 54168 | 54173 | 54174 | 54175 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 54177 | 54191 | 54197 | 54204 | 54209 | 54211 | 54224 | 54225 | 54231 | 54249 | 54254 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 54269 | 54276 | 54282 | 54285 | 54286 | 54294 | 54295 | 54305 | 54315 | 54316 | 54325 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 54328 | 54330 | 54338 | 54345 | 54356 | 54370 | 54371 | 54372 | 54375 | 54376 | 54378 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 54382 | 54390 | 54398 | 54403 | 54407 | 54408 | 54409 | 54416 | 54430 | 54436 | 54437 |
| ## | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 0     |
| ## | 54438 | 54440 | 54443 | 54449 | 54451 | 54454 | 54458 | 54459 | 54460 | 54465 | 54467 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     |
| ## | 54476 | 54477 | 54478 | 54481 | 54482 | 54486 | 54491 | 54496 | 54499 | 54500 | 54501 |
| ## | 0     | 0     | 1     | 1     | 0     | 1     | 1     | 1     | 1     | 1     | 1     |
| ## | 54502 | 54506 | 54507 | 54509 | 54520 | 54526 | 54529 | 54534 | 54542 | 54544 | 54548 |
| ## | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 1     | 0     | 0     | 0     |
| ## | 54553 | 54555 | 54556 | 54570 | 54571 | 54573 | 54582 | 54599 | 54606 | 54617 | 54618 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 54620 | 54621 | 54622 | 54629 | 54634 | 54640 | 54641 | 54652 | 54654 | 54658 | 54665 |
| ## | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 1     | 1     | 0     | 0     |
| ## | 54670 | 54673 | 54676 | 54679 | 54682 | 54686 | 54689 | 54690 | 54691 | 54695 | 54710 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     |
| ## | 54712 | 54715 | 54725 | 54729 | 54738 | 54742 | 54752 | 54756 | 54759 | 54762 | 54767 |
| ## | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 1     |
| ## | 54770 | 54774 | 54783 | 54794 | 54807 | 54808 | 54811 | 54812 | 54815 | 54819 | 54823 |
| ## | 1     | 1     | 1     | 1     | 1     | 0     | 1     | 1     | 0     | 0     | 0     |
| ## | 54839 | 54841 | 54850 | 54853 | 54856 | 54859 | 54863 | 54870 | 54872 | 54885 | 54889 |
| ## | 0     | 1     | 1     | 0     | 1     | 1     | 0     | 0     | 1     | 1     | 0     |
| ## | 54891 | 54899 | 54903 | 54905 | 54917 | 54921 | 54926 | 54932 | 54948 | 54952 | 54958 |
| ## | 0     | 1     | 1     | 0     | 1     | 0     | 1     | 0     | 1     | 0     | 0     |
| ## | 54967 | 54970 | 54971 | 54973 | 54975 | 54977 | 54978 | 54990 | 54997 | 54999 | 55020 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 55022 | 55023 | 55026 | 55027 | 55039 | 55045 | 55052 | 55056 | 55058 | 55060 | 55062 |
| ## | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| ## | 55069 | 55073 | 55081 | 55095 | 55103 | 55106 | 55113 | 55128 | 55137 | 55149 | 55159 |
| ## | 0     | 0     | 1     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 55161 | 55164 | 55165 | 55171 | 55172 | 55173 | 55176 | 55179 | 55181 | 55192 | 55193 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 55201 | 55203 | 55210 | 55213 | 55214 | 55216 | 55217 | 55222 | 55230 | 55233 | 55243 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 55250 | 55258 | 55263 | 55265 | 55268 | 55287 | 55288 | 55289 | 55293 | 55296 | 55300 |
| ## | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 1     |
| ## | 55304 | 55312 | 55332 | 55334 | 55340 | 55341 | 55342 | 55347 | 55352 | 55362 | 55365 |
| ## | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 55376 | 55377 | 55381 | 55384 | 55386 | 55390 | 55391 | 55393 | 55400 | 55411 | 55417 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 1     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 55418 | 55427 | 55428 | 55437 | 55447 | 55454 | 55455 | 55456 | 55459 | 55463 | 55470 |
| ## | 1     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     |
| ## | 55472 | 55475 | 55478 | 55480 | 55492 | 55498 | 55507 | 55515 | 55517 | 55518 | 55524 |
| ## | 0     | 0     | 1     | 1     | 1     | 0     | 1     | 1     | 0     | 1     | 0     |
| ## | 55528 | 55529 | 55533 | 55539 | 55550 | 55553 | 55554 | 55555 | 55556 | 55560 | 55561 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 55562 | 55565 | 55566 | 55568 | 55571 | 55574 | 55577 | 55580 | 55581 | 55584 | 55595 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 55600 | 55603 | 55617 | 55627 | 55632 | 55647 | 55650 | 55655 | 55673 | 55679 | 55686 |
| ## | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 1     | 0     | 1     | 1     |
| ## | 55691 | 55698 | 55709 | 55714 | 55721 | 55738 | 55739 | 55742 | 55747 | 55761 | 55763 |
| ## | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     |
| ## | 55772 | 55786 | 55790 | 55804 | 55821 | 55825 | 55830 | 55832 | 55839 | 55844 | 55846 |
| ## | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 0     |
| ## | 55850 | 55859 | 55864 | 55867 | 55869 | 55872 | 55875 | 55879 | 55881 | 55884 | 55893 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 55899 | 55905 | 55906 | 55910 | 55913 | 55914 | 55915 | 55916 | 55917 | 55921 | 55934 |
| ## | 1     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 55936 | 55955 | 55959 | 55960 | 55963 | 55969 | 55972 | 55975 | 55977 | 55980 | 55981 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     |
| ## | 55982 | 55984 | 55985 | 55989 | 55993 | 55994 | 55996 | 56004 | 56005 | 56006 | 56028 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 56032 | 56033 | 56037 | 56039 | 56040 | 56042 | 56044 | 56045 | 56048 | 56052 | 56056 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 56061 | 56064 | 56069 | 56073 | 56078 | 56080 | 56093 | 56111 | 56114 | 56124 | 56126 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56128 | 56131 | 56140 | 56144 | 56149 | 56161 | 56171 | 56172 | 56173 | 56174 | 56176 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56180 | 56181 | 56184 | 56187 | 56194 | 56195 | 56200 | 56206 | 56217 | 56224 | 56228 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 56236 | 56239 | 56260 | 56263 | 56264 | 56275 | 56279 | 56282 | 56284 | 56289 | 56290 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56297 | 56302 | 56310 | 56313 | 56316 | 56318 | 56325 | 56326 | 56328 | 56333 | 56347 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56349 | 56352 | 56357 | 56360 | 56376 | 56377 | 56379 | 56380 | 56382 | 56383 | 56387 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56389 | 56390 | 56393 | 56394 | 56395 | 56403 | 56404 | 56408 | 56409 | 56413 | 56426 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56431 | 56437 | 56439 | 56440 | 56450 | 56454 | 56460 | 56462 | 56463 | 56464 | 56468 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56472 | 56473 | 56478 | 56489 | 56498 | 56506 | 56507 | 56522 | 56524 | 56525 | 56531 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56532 | 56540 | 56544 | 56545 | 56550 | 56560 | 56571 | 56573 | 56575 | 56576 | 56584 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56588 | 56601 | 56611 | 56612 | 56617 | 56619 | 56621 | 56622 | 56631 | 56634 | 56639 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56643 | 56645 | 56648 | 56651 | 56653 | 56655 | 56661 | 56662 | 56665 | 56670 | 56672 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56676 | 56678 | 56684 | 56686 | 56692 | 56693 | 56696 | 56706 | 56707 | 56710 | 56713 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56714 | 56715 | 56719 | 56731 | 56736 | 56741 | 56752 | 56753 | 56755 | 56757 | 56758 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56762 | 56764 | 56774 | 56789 | 56793 | 56798 | 56804 | 56810 | 56811 | 56820 | 56821 |



|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 56824 | 56827 | 56829 | 56835 | 56839 | 56841 | 56842 | 56845 | 56853 | 56856 | 56858 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 56860 | 56864 | 56869 | 56872 | 56873 | 56878 | 56880 | 56882 | 56889 | 56892 | 56897 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 56898 | 56912 | 56914 | 56915 | 56921 | 56923 | 56940 | 56941 | 56946 | 56948 | 56949 |
| ## | 0     | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 56950 | 56953 | 56955 | 56957 | 56966 | 56972 | 56981 | 56984 | 56988 | 56993 | 56994 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 56995 | 57004 | 57006 | 57021 | 57024 | 57028 | 57037 | 57038 | 57041 | 57045 | 57064 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 57066 | 57067 | 57068 | 57072 | 57086 | 57087 | 57089 | 57099 | 57100 | 57101 | 57104 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 57108 | 57120 | 57125 | 57129 | 57132 | 57134 | 57135 | 57142 | 57143 | 57152 | 57161 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 57163 | 57167 | 57170 | 57175 | 57179 | 57200 | 57205 | 57224 | 57240 | 57246 | 57247 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 57250 | 57251 | 57266 | 57268 | 57270 | 57274 | 57286 | 57289 | 57290 | 57294 | 57296 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 57298 | 57302 | 57304 | 57305 | 57307 | 57309 | 57313 | 57319 | 57325 | 57327 | 57331 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 57333 | 57341 | 57348 | 57350 | 57356 | 57359 | 57365 | 57368 | 57372 | 57390 | 57393 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 57394 | 57397 | 57404 | 57411 | 57413 | 57414 | 57416 | 57423 | 57430 | 57437 | 57439 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 57453 | 57458 | 57468 | 57481 | 57490 | 57491 | 57493 | 57497 | 57498 | 57499 | 57502 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 57504 | 57510 | 57511 | 57517 | 57519 | 57528 | 57530 | 57539 | 57540 | 57543 | 57544 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 57550 | 57551 | 57556 | 57563 | 57564 | 57567 | 57573 | 57579 | 57580 | 57582 | 57587 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 57588 | 57591 | 57594 | 57600 | 57603 | 57609 | 57610 | 57613 | 57632 | 57638 | 57639 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 57655 | 57659 | 57671 | 57676 | 57677 | 57681 | 57686 | 57693 | 57694 | 57703 | 57712 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 57713 | 57721 | 57727 | 57728 | 57732 | 57733 | 57740 | 57747 | 57748 | 57750 | 57765 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 57769 | 57770 | 57773 | 57774 | 57777 | 57778 | 57782 | 57785 | 57789 | 57803 | 57809 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 57811 | 57814 | 57820 | 57821 | 57826 | 57838 | 57850 | 57851 | 57853 | 57855 | 57866 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 57867 | 57868 | 57869 | 57893 | 57899 | 57905 | 57906 | 57909 | 57911 | 57918 | 57933 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 57937 | 57946 | 57949 | 57960 | 57965 | 57967 | 57969 | 57970 | 57971 | 57979 | 57981 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 57993 | 58000 | 58001 | 58006 | 58009 | 58010 | 58023 | 58028 | 58034 | 58035 | 58043 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 58047 | 58061 | 58062 | 58073 | 58075 | 58089 | 58091 | 58094 | 58097 | 58101 | 58110 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 58112 | 58115 | 58118 | 58126 | 58131 | 58134 | 58135 | 58136 | 58139 | 58140 | 58147 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 58155 | 58161 | 58162 | 58168 | 58171 | 58172 | 58182 | 58184 | 58185 | 58196 | 58203 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 58207 | 58211 | 58213 | 58219 | 58236 | 58242 | 58245 | 58265 | 58267 | 58269 | 58272 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 58278 | 58279 | 58280 | 58283 | 58291 | 58292 | 58293 | 58297 | 58301 | 58303 | 58311 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 58315 | 58321 | 58323 | 58324 | 58325 | 58335 | 58336 | 58341 | 58363 | 58367 | 58376 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 58379 | 58380 | 58390 | 58391 | 58393 | 58395 | 58402 | 58415 | 58416 | 58418 | 58420 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 58423 | 58425 | 58426 | 58430 | 58434 | 58435 | 58438 | 58446 | 58460 | 58462 | 58464 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 58467 | 58474 | 58477 | 58482 | 58483 | 58489 | 58492 | 58505 | 58517 | 58518 | 58520 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 58540 | 58541 | 58544 | 58546 | 58547 | 58556 | 58560 | 58567 | 58569 | 58578 | 58579 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 58589 | 58593 | 58594 | 58598 | 58603 | 58610 | 58611 | 58616 | 58619 | 58620 | 58627 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 58630 | 58648 | 58650 | 58658 | 58661 | 58670 | 58676 | 58678 | 58701 | 58702 | 58703 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 58704 | 58705 | 58707 | 58714 | 58721 | 58724 | 58743 | 58751 | 58753 | 58757 | 58762 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 58763 | 58764 | 58770 | 58773 | 58775 | 58787 | 58805 | 58806 | 58807 | 58811 | 58815 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 58816 | 58829 | 58830 | 58836 | 58842 | 58845 | 58849 | 58856 | 58859 | 58861 | 58883 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 58895 | 58903 | 58904 | 58906 | 58918 | 58926 | 58927 | 58938 | 58942 | 58943 | 58946 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 58954 | 58955 | 58960 | 58961 | 58967 | 58969 | 58970 | 58975 | 58983 | 58986 | 58989 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 59000 | 59003 | 59023 | 59025 | 59032 | 59040 | 59042 | 59055 | 59065 | 59079 | 59083 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 59084 | 59087 | 59088 | 59089 | 59098 | 59102 | 59106 | 59111 | 59113 | 59115 | 59116 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 59123 | 59131 | 59133 | 59137 | 59140 | 59145 | 59146 | 59158 | 59159 | 59162 | 59166 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 59167 | 59175 | 59178 | 59179 | 59187 | 59188 | 59196 | 59198 | 59205 | 59207 | 59208 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 59212 | 59217 | 59232 | 59240 | 59242 | 59248 | 59252 | 59255 | 59265 | 59273 | 59285 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 59286 | 59288 | 59289 | 59292 | 59296 | 59297 | 59298 | 59299 | 59306 | 59307 | 59310 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 59313 | 59314 | 59318 | 59321 | 59323 | 59325 | 59327 | 59329 | 59339 | 59343 | 59344 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 59348 | 59349 | 59350 | 59352 | 59354 | 59357 | 59361 | 59365 | 59366 | 59369 | 59376 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 59377 | 59382 | 59386 | 59401 | 59411 | 59415 | 59417 | 59432 | 59439 | 59445 | 59446 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     |
| ## | 59447 | 59450 | 59461 | 59464 | 59470 | 59471 | 59473 | 59474 | 59476 | 59479 | 59484 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 59490 | 59496 | 59500 | 59504 | 59510 | 59522 | 59528 | 59531 | 59539 | 59551 | 59559 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 59564 | 59565 | 59568 | 59571 | 59572 | 59577 | 59586 | 59590 | 59595 | 59597 | 59607 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 59610 | 59616 | 59617 | 59619 | 59622 | 59624 | 59628 | 59635 | 59639 | 59653 | 59657 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 59662 | 59664 | 59674 | 59680 | 59684 | 59689 | 59690 | 59714 | 59715 | 59717 | 59721 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 59728 | 59733 | 59740 | 59745 | 59746 | 59751 | 59758 | 59761 | 59770 | 59773 | 59776 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 59781 | 59799 | 59803 | 59806 | 59811 | 59815 | 59818 | 59822 | 59824 | 59830 | 59832 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 59833 | 59838 | 59841 | 59857 | 59875 | 59887 | 59890 | 59892 | 59899 | 59903 | 59908 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 59910 | 59914 | 59917 | 59929 | 59940 | 59941 | 59944 | 59948 | 59952 | 59956 | 59958 |
| ## | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 1     |
| ## | 59960 | 59962 | 59965 | 59968 | 59972 | 59977 | 59991 | 59992 | 59999 | 60002 | 60003 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 1     |
| ## | 60004 | 60008 | 60009 | 60013 | 60014 | 60016 | 60027 | 60028 | 60033 | 60038 | 60042 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 1     |
| ## | 60046 | 60055 | 60058 | 60065 | 60069 | 60070 | 60077 | 60078 | 60082 | 60085 | 60086 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 60090 | 60094 | 60098 | 60099 | 60100 | 60103 | 60107 | 60111 | 60123 | 60129 | 60137 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 60138 | 60139 | 60144 | 60149 | 60153 | 60155 | 60163 | 60170 | 60179 | 60183 | 60186 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 60191 | 60194 | 60197 | 60205 | 60209 | 60210 | 60211 | 60216 | 60224 | 60227 | 60228 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 60238 | 60240 | 60241 | 60242 | 60249 | 60252 | 60254 | 60255 | 60257 | 60258 | 60267 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 60270 | 60272 | 60278 | 60279 | 60280 | 60281 | 60282 | 60284 | 60299 | 60301 | 60304 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 60326 | 60339 | 60343 | 60345 | 60348 | 60365 | 60369 | 60381 | 60383 | 60384 | 60389 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 60391 | 60396 | 60399 | 60407 | 60411 | 60413 | 60417 | 60433 | 60434 | 60438 | 60441 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 60442 | 60443 | 60444 | 60447 | 60452 | 60453 | 60455 | 60460 | 60467 | 60468 | 60469 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 60478 | 60479 | 60481 | 60497 | 60499 | 60505 | 60506 | 60511 | 60515 | 60516 | 60518 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 60519 | 60527 | 60529 | 60538 | 60540 | 60551 | 60569 | 60581 | 60586 | 60589 | 60590 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 60592 | 60594 | 60597 | 60598 | 60604 | 60609 | 60611 | 60612 | 60615 | 60621 | 60633 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 60634 | 60638 | 60642 | 60649 | 60651 | 60665 | 60668 | 60681 | 60684 | 60688 | 60690 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 60695 | 60699 | 60702 | 60708 | 60710 | 60713 | 60715 | 60718 | 60719 | 60721 | 60722 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 60734 | 60739 | 60741 | 60744 | 60745 | 60748 | 60750 | 60752 | 60766 | 60771 | 60773 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 60775 | 60790 | 60794 | 60798 | 60800 | 60801 | 60804 | 60807 | 60817 | 60820 | 60828 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 60830 | 60834 | 60835 | 60836 | 60840 | 60842 | 60856 | 60858 | 60862 | 60865 | 60866 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 60878 | 60885 | 60889 | 60902 | 60925 | 60926 | 60927 | 60928 | 60931 | 60932 | 60933 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 60934 | 60945 | 60954 | 60966 | 60968 | 60969 | 60971 | 60982 | 60984 | 60985 | 60989 |
| ## | 0     | 0     | 1     | 0     | 1     | 0     | 1     | 1     | 1     | 0     | 1     |
| ## | 60991 | 60995 | 61002 | 61003 | 61004 | 61005 | 61009 | 61011 | 61016 | 61017 | 61022 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 61036 | 61037 | 61047 | 61050 | 61052 | 61063 | 61065 | 61068 | 61069 | 61072 | 61082 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     |
| ## | 61085 | 61086 | 61087 | 61091 | 61092 | 61093 | 61108 | 61114 | 61116 | 61119 | 61122 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 61129 | 61134 | 61135 | 61139 | 61144 | 61147 | 61158 | 61163 | 61168 | 61180 | 61182 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 61187 | 61193 | 61194 | 61207 | 61209 | 61215 | 61231 | 61237 | 61238 | 61239 | 61252 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 61256 | 61257 | 61271 | 61272 | 61274 | 61291 | 61295 | 61297 | 61305 | 61306 | 61308 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 61311 | 61312 | 61315 | 61319 | 61320 | 61323 | 61331 | 61332 | 61343 | 61349 | 61356 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 61359 | 61364 | 61369 | 61384 | 61390 | 61394 | 61396 | 61401 | 61407 | 61411 | 61417 |
| ## | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 1     |
| ## | 61420 | 61425 | 61428 | 61435 | 61461 | 61465 | 61469 | 61478 | 61482 | 61484 | 61485 |
| ## | 1     | 1     | 1     | 1     | 1     | 1     | 0     | 1     | 0     | 0     | 0     |
| ## | 61487 | 61492 | 61495 | 61496 | 61497 | 61511 | 61512 | 61516 | 61520 | 61522 | 61526 |
| ## | 0     | 1     | 1     | 1     | 0     | 1     | 1     | 0     | 1     | 0     | 1     |
| ## | 61527 | 61528 | 61545 | 61547 | 61548 | 61563 | 61572 | 61575 | 61576 | 61577 | 61581 |
| ## | 0     | 1     | 1     | 0     | 1     | 1     | 1     | 0     | 1     | 0     | 0     |
| ## | 61582 | 61584 | 61586 | 61595 | 61607 | 61624 | 61627 | 61629 | 61631 | 61636 | 61637 |
| ## | 1     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 61644 | 61651 | 61659 | 61661 | 61665 | 61669 | 61674 | 61689 | 61694 | 61698 | 61703 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 61707 | 61710 | 61712 | 61713 | 61716 | 61726 | 61727 | 61731 | 61733 | 61735 | 61736 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 61741 | 61743 | 61745 | 61746 | 61751 | 61761 | 61764 | 61767 | 61768 | 61774 | 61777 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 61786 | 61787 | 61790 | 61798 | 61814 | 61824 | 61825 | 61826 | 61831 | 61833 | 61838 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 61841 | 61849 | 61853 | 61862 | 61864 | 61868 | 61876 | 61880 | 61884 | 61887 | 61890 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 61891 | 61894 | 61900 | 61907 | 61909 | 61911 | 61915 | 61923 | 61930 | 61933 | 61940 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 61951 | 61956 | 61967 | 61970 | 61974 | 61978 | 61981 | 61986 | 61989 | 61990 | 62002 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 62003 | 62013 | 62014 | 62024 | 62031 | 62032 | 62033 | 62034 | 62051 | 62059 | 62062 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 62066 | 62068 | 62070 | 62077 | 62082 | 62088 | 62091 | 62093 | 62097 | 62106 | 62107 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 62111 | 62114 | 62115 | 62117 | 62124 | 62129 | 62138 | 62139 | 62140 | 62146 | 62147 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 62151 | 62156 | 62157 | 62161 | 62162 | 62167 | 62172 | 62175 | 62180 | 62181 | 62196 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 62203 | 62215 | 62216 | 62220 | 62223 | 62231 | 62239 | 62250 | 62258 | 62261 | 62263 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 62267 | 62274 | 62275 | 62280 | 62281 | 62288 | 62293 | 62300 | 62308 | 62311 | 62312 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 62319 | 62321 | 62326 | 62329 | 62335 | 62341 | 62344 | 62349 | 62350 | 62353 | 62358 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 62377 | 62389 | 62390 | 62392 | 62395 | 62397 | 62401 | 62409 | 62415 | 62419 | 62422 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 62424 | 62426 | 62434 | 62445 | 62458 | 62459 | 62463 | 62466 | 62473 | 62483 | 62486 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 62487 | 62490 | 62491 | 62494 | 62495 | 62497 | 62508 | 62513 | 62516 | 62524 | 62527 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     |
| ## | 62551 | 62573 | 62577 | 62582 | 62586 | 62589 | 62590 | 62603 | 62611 | 62615 | 62618 |
| ## | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 62620 | 62631 | 62635 | 62646 | 62647 | 62649 | 62654 | 62660 | 62661 | 62664 | 62665 |
| ## | 0     | 1     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 1     |
| ## | 62667 | 62669 | 62670 | 62677 | 62688 | 62692 | 62702 | 62704 | 62708 | 62709 | 62711 |
| ## | 0     | 1     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 62712 | 62718 | 62725 | 62731 | 62734 | 62736 | 62741 | 62745 | 62753 | 62758 | 62764 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 62766 | 62767 | 62768 | 62769 | 62771 | 62784 | 62797 | 62800 | 62813 | 62816 | 62818 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 1     | 1     |
| ## | 62819 | 62820 | 62835 | 62837 | 62839 | 62840 | 62843 | 62856 | 62861 | 62863 | 62871 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 1     |
| ## | 62880 | 62882 | 62888 | 62889 | 62891 | 62893 | 62894 | 62899 | 62910 | 62918 | 62920 |
| ## | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 0     | 0     |
| ## | 62924 | 62925 | 62927 | 62931 | 62947 | 62956 | 62963 | 62967 | 62979 | 62984 | 62989 |
| ## | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 0     |
| ## | 62992 | 63017 | 63022 | 63023 | 63026 | 63027 | 63036 | 63039 | 63044 | 63046 | 63051 |
| ## | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 1     | 1     | 1     | 0     |
| ## | 63052 | 63058 | 63064 | 63066 | 63079 | 63080 | 63082 | 63086 | 63090 | 63095 | 63096 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     |
| ## | 63102 | 63106 | 63109 | 63112 | 63115 | 63121 | 63124 | 63129 | 63132 | 63139 | 63143 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 63144 | 63149 | 63151 | 63154 | 63156 | 63158 | 63159 | 63160 | 63164 | 63165 | 63175 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 63183 | 63186 | 63198 | 63201 | 63204 | 63205 | 63207 | 63208 | 63209 | 63216 | 63217 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 1     | 0     | 0     | 0     |
| ## | 63218 | 63221 | 63222 | 63229 | 63235 | 63236 | 63239 | 63242 | 63252 | 63256 | 63257 |
| ## | 1     | 0     | 1     | 1     | 1     | 1     | 0     | 1     | 0     | 1     | 0     |
| ## | 63258 | 63259 | 63263 | 63267 | 63268 | 63269 | 63271 | 63277 | 63282 | 63286 | 63292 |
| ## | 1     | 0     | 1     | 1     | 1     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 63293 | 63300 | 63307 | 63312 | 63314 | 63318 | 63331 | 63334 | 63342 | 63344 | 63350 |
| ## | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 63355 | 63356 | 63361 | 63371 | 63373 | 63376 | 63385 | 63387 | 63391 | 63396 | 63398 |
| ## | 1     | 1     | 1     | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 0     |
| ## | 63413 | 63417 | 63418 | 63420 | 63425 | 63429 | 63434 | 63435 | 63437 | 63441 | 63444 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 1     | 1     | 0     |
| ## | 63459 | 63461 | 63464 | 63466 | 63467 | 63468 | 63472 | 63473 | 63477 | 63479 | 63483 |
| ## | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 1     |
| ## | 63485 | 63486 | 63489 | 63493 | 63509 | 63513 | 63515 | 63520 | 63524 | 63539 | 63543 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 63548 | 63552 | 63565 | 63570 | 63572 | 63582 | 63587 | 63595 | 63613 | 63614 | 63615 |
| ## | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 1     | 0     |
| ## | 63616 | 63619 | 63627 | 63629 | 63650 | 63654 | 63655 | 63657 | 63660 | 63664 | 63667 |
| ## | 0     | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 1     |
| ## | 63669 | 63676 | 63678 | 63679 | 63688 | 63692 | 63694 | 63697 | 63712 | 63713 | 63717 |
| ## | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 63719 | 63721 | 63725 | 63727 | 63730 | 63733 | 63738 | 63745 | 63747 | 63748 | 63750 |
| ## | 1     | 1     | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 1     | 0     |
| ## | 63751 | 63758 | 63761 | 63766 | 63767 | 63768 | 63774 | 63779 | 63786 | 63807 | 63809 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 63826 | 63831 | 63832 | 63836 | 63839 | 63864 | 63865 | 63866 | 63872 | 63883 | 63889 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 63892 | 63894 | 63896 | 63909 | 63910 | 63919 | 63927 | 63931 | 63939 | 63945 | 63960 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 0     |
| ## | 63965 | 63966 | 63968 | 63970 | 63972 | 63974 | 63980 | 63982 | 63999 | 64011 | 64015 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64018 | 64021 | 64023 | 64025 | 64027 | 64029 | 64033 | 64034 | 64048 | 64051 | 64065 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64097 | 64101 | 64106 | 64118 | 64134 | 64137 | 64140 | 64143 | 64146 | 64148 | 64152 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 64166 | 64171 | 64172 | 64182 | 64186 | 64189 | 64199 | 64201 | 64206 | 64208 | 64212 |
| ## | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64217 | 64226 | 64229 | 64230 | 64233 | 64237 | 64244 | 64247 | 64250 | 64252 | 64256 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64257 | 64271 | 64277 | 64285 | 64291 | 64292 | 64297 | 64302 | 64311 | 64316 | 64323 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64324 | 64335 | 64338 | 64342 | 64347 | 64349 | 64353 | 64357 | 64358 | 64361 | 64363 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64364 | 64368 | 64371 | 64377 | 64379 | 64380 | 64384 | 64385 | 64386 | 64388 | 64390 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64393 | 64394 | 64399 | 64402 | 64405 | 64410 | 64417 | 64421 | 64431 | 64437 | 64438 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64439 | 64444 | 64448 | 64452 | 64453 | 64454 | 64456 | 64457 | 64470 | 64471 | 64473 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64488 | 64490 | 64498 | 64503 | 64504 | 64513 | 64515 | 64521 | 64525 | 64526 | 64531 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64532 | 64537 | 64538 | 64541 | 64554 | 64561 | 64578 | 64582 | 64583 | 64585 | 64599 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64600 | 64601 | 64603 | 64606 | 64608 | 64609 | 64620 | 64629 | 64632 | 64633 | 64642 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     |
| ## | 64645 | 64648 | 64650 | 64652 | 64654 | 64662 | 64663 | 64667 | 64668 | 64681 | 64683 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64684 | 64686 | 64703 | 64710 | 64720 | 64725 | 64735 | 64743 | 64747 | 64748 | 64752 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64769 | 64772 | 64784 | 64786 | 64801 | 64805 | 64806 | 64810 | 64811 | 64817 | 64820 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 64824 | 64825 | 64826 | 64845 | 64853 | 64854 | 64863 | 64864 | 64874 | 64881 | 64883 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 64890 | 64892 | 64899 | 64902 | 64906 | 64907 | 64908 | 64914 | 64918 | 64919 | 64923 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 1     | 1     | 0     | 0     |
| ## | 64925 | 64928 | 64930 | 64933 | 64936 | 64938 | 64946 | 64951 | 64955 | 64956 | 64959 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 64966 | 64967 | 64981 | 64985 | 65002 | 65005 | 65010 | 65016 | 65020 | 65024 | 65030 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 65032 | 65033 | 65037 | 65038 | 65041 | 65055 | 65058 | 65062 | 65065 | 65073 | 65077 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 65079 | 65099 | 65100 | 65109 | 65111 | 65119 | 65125 | 65133 | 65136 | 65152 | 65154 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 65159 | 65164 | 65166 | 65168 | 65170 | 65180 | 65184 | 65186 | 65188 | 65193 | 65203 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     |
| ## | 65204 | 65212 | 65215 | 65222 | 65225 | 65229 | 65230 | 65235 | 65237 | 65241 | 65251 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 65254 | 65255 | 65256 | 65257 | 65279 | 65281 | 65288 | 65291 | 65304 | 65305 | 65309 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 65310 | 65316 | 65319 | 65320 | 65331 | 65333 | 65340 | 65345 | 65351 | 65356 | 65366 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 65368 | 65369 | 65371 | 65373 | 65375 | 65384 | 65389 | 65392 | 65396 | 65397 | 65411 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 65412 | 65416 | 65425 | 65426 | 65429 | 65432 | 65434 | 65436 | 65438 | 65449 | 65459 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 65465 | 65466 | 65467 | 65469 | 65475 | 65478 | 65484 | 65495 | 65500 | 65501 | 65532 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 65533 | 65540 | 65545 | 65553 | 65563 | 65565 | 65567 | 65575 | 65576 | 65578 | 65581 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     |
| ## | 65587 | 65590 | 65596 | 65599 | 65600 | 65608 | 65610 | 65621 | 65628 | 65630 | 65631 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 65634 | 65636 | 65637 | 65638 | 65649 | 65655 | 65656 | 65663 | 65680 | 65684 | 65687 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 65689 | 65690 | 65691 | 65694 | 65700 | 65701 | 65706 | 65708 | 65710 | 65712 | 65713 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 65730 | 65731 | 65741 | 65742 | 65746 | 65748 | 65762 | 65766 | 65772 | 65775 | 65784 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 65793 | 65808 | 65814 | 65818 | 65829 | 65831 | 65836 | 65837 | 65838 | 65840 | 65841 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 65848 | 65857 | 65859 | 65861 | 65863 | 65881 | 65886 | 65889 | 65891 | 65892 | 65901 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 65903 | 65913 | 65917 | 65918 | 65923 | 65938 | 65942 | 65943 | 65949 | 65951 | 65963 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 65981 | 65986 | 65989 | 65991 | 66006 | 66007 | 66010 | 66011 | 66016 | 66017 | 66022 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 66026 | 66028 | 66032 | 66040 | 66044 | 66049 | 66053 | 66066 | 66067 | 66069 | 66072 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 66076 | 66079 | 66080 | 66083 | 66087 | 66088 | 66091 | 66094 | 66098 | 66101 | 66103 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 66104 | 66105 | 66107 | 66108 | 66114 | 66131 | 66133 | 66135 | 66140 | 66143 | 66146 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 66165 | 66174 | 66175 | 66180 | 66193 | 66194 | 66195 | 66201 | 66205 | 66212 | 66218 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 66221 | 66222 | 66225 | 66229 | 66245 | 66248 | 66261 | 66263 | 66267 | 66268 | 66274 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 66283 | 66285 | 66286 | 66291 | 66292 | 66293 | 66299 | 66303 | 66304 | 66309 | 66314 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 66316 | 66320 | 66321 | 66326 | 66336 | 66344 | 66355 | 66358 | 66366 | 66367 | 66372 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 66375 | 66379 | 66387 | 66389 | 66406 | 66412 | 66415 | 66421 | 66427 | 66450 | 66453 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 66462 | 66463 | 66475 | 66479 | 66481 | 66488 | 66492 | 66503 | 66504 | 66514 | 66519 |
| ## | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 66523 | 66524 | 66527 | 66529 | 66530 | 66532 | 66536 | 66541 | 66542 | 66543 | 66548 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 66549 | 66550 | 66558 | 66562 | 66563 | 66568 | 66574 | 66576 | 66579 | 66584 | 66598 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 66610 | 66615 | 66617 | 66618 | 66619 | 66624 | 66628 | 66636 | 66640 | 66641 | 66660 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 66669 | 66673 | 66674 | 66675 | 66676 | 66686 | 66689 | 66692 | 66698 | 66700 | 66707 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 1     | 0     |
| ## | 66714 | 66717 | 66719 | 66720 | 66726 | 66729 | 66730 | 66731 | 66733 | 66734 | 66736 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 66743 | 66745 | 66746 | 66749 | 66771 | 66780 | 66785 | 66792 | 66794 | 66798 | 66824 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 66828 | 66829 | 66834 | 66835 | 66845 | 66856 | 66858 | 66864 | 66890 | 66891 | 66894 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 66904 | 66915 | 66928 | 66938 | 66942 | 66944 | 66950 | 66956 | 66962 | 66968 | 66969 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 66971 | 66973 | 66993 | 66997 | 67000 | 67003 | 67007 | 67008 | 67017 | 67030 | 67035 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 67037 | 67039 | 67044 | 67045 | 67049 | 67050 | 67057 | 67062 | 67065 | 67069 | 67075 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 67076 | 67081 | 67086 | 67093 | 67105 | 67109 | 67112 | 67114 | 67126 | 67133 | 67134 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 67135 | 67136 | 67152 | 67155 | 67157 | 67166 | 67167 | 67171 | 67174 | 67176 | 67189 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 67190 | 67191 | 67193 | 67196 | 67200 | 67201 | 67208 | 67210 | 67211 | 67212 | 67213 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 67214 | 67220 | 67226 | 67227 | 67236 | 67237 | 67241 | 67251 | 67256 | 67270 | 67271 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 67272 | 67280 | 67290 | 67293 | 67296 | 67303 | 67309 | 67311 | 67313 | 67317 | 67320 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 67323 | 67334 | 67340 | 67341 | 67347 | 67354 | 67360 | 67361 | 67369 | 67370 | 67372 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 67375 | 67379 | 67380 | 67382 | 67386 | 67387 | 67388 | 67392 | 67399 | 67401 | 67409 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 67411 | 67413 | 67424 | 67425 | 67434 | 67438 | 67444 | 67447 | 67455 | 67456 | 67457 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 67472 | 67474 | 67483 | 67485 | 67491 | 67498 | 67501 | 67509 | 67514 | 67518 | 67519 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 67525 | 67528 | 67537 | 67540 | 67544 | 67548 | 67554 | 67568 | 67579 | 67591 | 67597 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 67600 | 67601 | 67607 | 67609 | 67613 | 67626 | 67630 | 67632 | 67635 | 67639 | 67642 |
| ## | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 67654 | 67668 | 67670 | 67674 | 67676 | 67679 | 67683 | 67685 | 67687 | 67690 | 67691 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 67697 | 67700 | 67704 | 67709 | 67722 | 67727 | 67735 | 67737 | 67740 | 67742 | 67745 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 67753 | 67764 | 67767 | 67771 | 67772 | 67781 | 67788 | 67792 | 67806 | 67808 | 67823 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 67825 | 67826 | 67827 | 67838 | 67844 | 67847 | 67862 | 67871 | 67876 | 67878 | 67883 |
| ## | 0     | 1     | 1     | 1     | 0     | 1     | 1     | 1     | 1     | 0     | 0     |
| ## | 67889 | 67897 | 67913 | 67914 | 67935 | 67938 | 67944 | 67958 | 67959 | 67962 | 67968 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 1     |
| ## | 67975 | 67990 | 67995 | 68000 | 68003 | 68007 | 68026 | 68030 | 68034 | 68036 | 68038 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 68043 | 68044 | 68055 | 68057 | 68062 | 68064 | 68069 | 68070 | 68082 | 68095 | 68098 |
| ## | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 68102 | 68111 | 68113 | 68115 | 68119 | 68122 | 68123 | 68128 | 68130 | 68131 | 68133 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 68134 | 68145 | 68149 | 68151 | 68154 | 68155 | 68156 | 68160 | 68172 | 68175 | 68178 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 68180 | 68192 | 68202 | 68203 | 68205 | 68208 | 68213 | 68214 | 68215 | 68224 | 68225 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 68227 | 68232 | 68244 | 68245 | 68251 | 68252 | 68259 | 68260 | 68261 | 68263 | 68267 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 68273 | 68276 | 68279 | 68281 | 68292 | 68318 | 68320 | 68322 | 68334 | 68337 | 68343 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 68347 | 68348 | 68350 | 68351 | 68352 | 68353 | 68354 | 68357 | 68359 | 68362 | 68371 |



|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 68372 | 68382 | 68392 | 68394 | 68401 | 68402 | 68405 | 68414 | 68416 | 68417 | 68420 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     |
| ## | 68423 | 68431 | 68435 | 68438 | 68441 | 68444 | 68448 | 68449 | 68450 | 68455 | 68458 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 68460 | 68461 | 68466 | 68470 | 68473 | 68476 | 68480 | 68489 | 68490 | 68491 | 68494 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 68514 | 68521 | 68523 | 68529 | 68530 | 68536 | 68538 | 68547 | 68550 | 68553 | 68558 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     |
| ## | 68567 | 68576 | 68579 | 68581 | 68584 | 68586 | 68588 | 68589 | 68592 | 68596 | 68600 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 68601 | 68607 | 68613 | 68614 | 68616 | 68619 | 68625 | 68627 | 68631 | 68639 | 68640 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 68641 | 68645 | 68649 | 68653 | 68658 | 68659 | 68667 | 68670 | 68674 | 68678 | 68684 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 68688 | 68690 | 68692 | 68699 | 68714 | 68715 | 68720 | 68733 | 68746 | 68749 | 68750 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 68765 | 68769 | 68772 | 68781 | 68789 | 68792 | 68794 | 68804 | 68806 | 68812 | 68815 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 68817 | 68825 | 68826 | 68827 | 68829 | 68835 | 68836 | 68842 | 68848 | 68855 | 68860 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     |
| ## | 68863 | 68874 | 68878 | 68886 | 68888 | 68890 | 68891 | 68896 | 68898 | 68906 | 68913 |
| ## | 0     | 0     | 1     | 1     | 0     | 1     | 1     | 0     | 0     | 1     | 0     |
| ## | 68919 | 68922 | 68923 | 68928 | 68939 | 68942 | 68943 | 68944 | 68950 | 68954 | 68961 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 68965 | 68973 | 68974 | 68976 | 68984 | 69003 | 69008 | 69009 | 69015 | 69021 | 69029 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 69032 | 69033 | 69036 | 69045 | 69048 | 69053 | 69057 | 69059 | 69063 | 69069 | 69076 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 69080 | 69092 | 69097 | 69102 | 69104 | 69105 | 69106 | 69107 | 69113 | 69117 | 69118 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 69121 | 69122 | 69136 | 69141 | 69150 | 69151 | 69153 | 69156 | 69162 | 69168 | 69179 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 69180 | 69188 | 69193 | 69194 | 69198 | 69203 | 69204 | 69207 | 69216 | 69217 | 69221 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 69226 | 69240 | 69255 | 69260 | 69264 | 69267 | 69269 | 69277 | 69281 | 69287 | 69302 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 69305 | 69310 | 69311 | 69312 | 69314 | 69315 | 69316 | 69317 | 69318 | 69321 | 69322 |
| ## | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 1     |
| ## | 69323 | 69330 | 69334 | 69335 | 69339 | 69352 | 69361 | 69365 | 69366 | 69368 | 69375 |
| ## | 0     | 1     | 1     | 1     | 0     | 0     | 1     | 0     | 1     | 1     | 0     |
| ## | 69382 | 69384 | 69392 | 69396 | 69398 | 69402 | 69408 | 69417 | 69421 | 69431 | 69433 |
| ## | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 69434 | 69435 | 69436 | 69437 | 69445 | 69455 | 69462 | 69492 | 69494 | 69501 | 69506 |
| ## | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 69508 | 69517 | 69521 | 69525 | 69527 | 69537 | 69540 | 69541 | 69542 | 69567 | 69569 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 69570 | 69575 | 69578 | 69595 | 69596 | 69599 | 69607 | 69614 | 69630 | 69631 | 69643 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 69646 | 69653 | 69654 | 69659 | 69662 | 69671 | 69677 | 69678 | 69682 | 69699 | 69705 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 69706 | 69710 | 69715 | 69727 | 69732 | 69734 | 69738 | 69745 | 69754 | 69759 | 69764 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 69765 | 69766 | 69768 | 69769 | 69771 | 69778 | 69780 | 69797 | 69799 | 69803 | 69806 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 69814 | 69815 | 69816 | 69817 | 69818 | 69820 | 69821 | 69829 | 69835 | 69847 | 69863 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 69864 | 69875 | 69877 | 69883 | 69884 | 69885 | 69886 | 69892 | 69896 | 69900 | 69912 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 69913 | 69920 | 69924 | 69929 | 69930 | 69932 | 69938 | 69944 | 69948 | 69960 | 69971 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 69975 | 69981 | 69982 | 69987 | 69991 | 70011 | 70013 | 70015 | 70017 | 70018 | 70021 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 70025 | 70026 | 70028 | 70034 | 70038 | 70039 | 70040 | 70055 | 70056 | 70057 | 70062 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 70072 | 70074 | 70079 | 70086 | 70091 | 70095 | 70098 | 70103 | 70111 | 70116 | 70144 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 70145 | 70149 | 70158 | 70162 | 70169 | 70171 | 70178 | 70183 | 70185 | 70188 | 70192 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 70197 | 70198 | 70201 | 70205 | 70209 | 70216 | 70218 | 70219 | 70220 | 70224 | 70226 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 70245 | 70246 | 70250 | 70260 | 70263 | 70269 | 70272 | 70278 | 70281 | 70284 | 70297 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 70299 | 70302 | 70305 | 70309 | 70315 | 70317 | 70321 | 70340 | 70357 | 70361 | 70367 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 1     | 1     | 0     |
| ## | 70368 | 70371 | 70375 | 70376 | 70388 | 70393 | 70404 | 70410 | 70413 | 70417 | 70426 |
| ## | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 70429 | 70433 | 70440 | 70449 | 70451 | 70455 | 70457 | 70458 | 70460 | 70462 | 70463 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 1     |
| ## | 70471 | 70474 | 70484 | 70489 | 70491 | 70497 | 70500 | 70501 | 70506 | 70516 | 70522 |
| ## | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 1     |
| ## | 70523 | 70540 | 70543 | 70547 | 70549 | 70550 | 70554 | 70555 | 70557 | 70562 | 70575 |
| ## | 1     | 0     | 0     | 1     | 1     | 0     | 1     | 1     | 0     | 1     | 0     |
| ## | 70578 | 70586 | 70595 | 70613 | 70614 | 70615 | 70618 | 70619 | 70622 | 70627 | 70629 |
| ## | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| ## | 70632 | 70639 | 70644 | 70646 | 70649 | 70653 | 70654 | 70658 | 70675 | 70684 | 70695 |
| ## | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 70697 | 70698 | 70700 | 70701 | 70704 | 70706 | 70708 | 70714 | 70726 | 70729 | 70740 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     |
| ## | 70754 | 70756 | 70762 | 70765 | 70778 | 70781 | 70792 | 70802 | 70804 | 70806 | 70809 |
| ## | 0     | 1     | 1     | 1     | 0     | 1     | 0     | 1     | 1     | 0     | 1     |
| ## | 70828 | 70833 | 70837 | 70843 | 70844 | 70849 | 70854 | 70860 | 70861 | 70864 | 70869 |
| ## | 0     | 1     | 1     | 1     | 0     | 1     | 0     | 0     | 1     | 1     | 0     |
| ## | 70871 | 70876 | 70877 | 70888 | 70893 | 70899 | 70902 | 70903 | 70916 | 70919 | 70925 |
| ## | 1     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 1     | 1     |
| ## | 70934 | 70936 | 70938 | 70947 | 70951 | 70953 | 70957 | 70960 | 70970 | 70978 | 70985 |
| ## | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 70992 | 70997 | 71001 | 71002 | 71018 | 71019 | 71022 | 71032 | 71037 | 71038 | 71040 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 71047 | 71059 | 71066 | 71068 | 71076 | 71077 | 71079 | 71083 | 71084 | 71086 | 71098 |
| ## | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 1     |
| ## | 71099 | 71102 | 71109 | 71114 | 71115 | 71121 | 71130 | 71131 | 71132 | 71133 | 71137 |
| ## | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 1     | 1     | 1     |
| ## | 71147 | 71149 | 71150 | 71160 | 71169 | 71170 | 71172 | 71178 | 71183 | 71193 | 71195 |
| ## | 1     | 1     | 1     | 1     | 0     | 1     | 0     | 1     | 1     | 0     | 0     |
| ## | 71201 | 71203 | 71208 | 71221 | 71238 | 71244 | 71249 | 71250 | 71251 | 71256 | 71257 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 1     |
| ## | 71259 | 71265 | 71266 | 71283 | 71290 | 71305 | 71311 | 71314 | 71316 | 71318 | 71336 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 1     | 0     | 1     | 0     |
| ## | 71341 | 71342 | 71343 | 71344 | 71345 | 71352 | 71354 | 71358 | 71359 | 71364 | 71367 |
| ## | 0     | 1     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 71372 | 71373 | 71375 | 71383 | 71387 | 71394 | 71399 | 71403 | 71410 | 71415 | 71416 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 71427 | 71431 | 71449 | 71453 | 71455 | 71459 | 71468 | 71472 | 71475 | 71476 | 71478 |
| ## | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 71479 | 71482 | 71487 | 71492 | 71505 | 71511 | 71519 | 71521 | 71524 | 71528 | 71530 |
| ## | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 1     | 0     |
| ## | 71532 | 71536 | 71544 | 71546 | 71547 | 71550 | 71563 | 71567 | 71575 | 71576 | 71582 |
| ## | 1     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 1     |
| ## | 71585 | 71586 | 71596 | 71598 | 71610 | 71624 | 71626 | 71629 | 71636 | 71643 | 71646 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 1     |
| ## | 71651 | 71659 | 71664 | 71673 | 71683 | 71689 | 71695 | 71696 | 71698 | 71702 | 71708 |
| ## | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 71713 | 71728 | 71731 | 71747 | 71750 | 71753 | 71759 | 71766 | 71768 | 71770 | 71775 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 71778 | 71790 | 71797 | 71801 | 71804 | 71810 | 71817 | 71819 | 71821 | 71823 | 71830 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 71833 | 71834 | 71835 | 71842 | 71849 | 71855 | 71858 | 71874 | 71875 | 71877 | 71879 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 71885 | 71889 | 71890 | 71894 | 71895 | 71903 | 71919 | 71922 | 71923 | 71927 | 71929 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 71932 | 71937 | 71939 | 71946 | 71960 | 71962 | 71963 | 71966 | 71968 | 71970 | 71977 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 71985 | 71986 | 71996 | 72000 | 72007 | 72008 | 72009 | 72013 | 72017 | 72026 | 72027 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 72039 | 72043 | 72050 | 72052 | 72059 | 72060 | 72064 | 72071 | 72074 | 72076 | 72082 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 72090 | 72092 | 72095 | 72099 | 72102 | 72109 | 72110 | 72119 | 72123 | 72138 | 72140 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 72143 | 72145 | 72149 | 72155 | 72172 | 72175 | 72188 | 72191 | 72211 | 72222 | 72227 |
| ## | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 72236 | 72245 | 72252 | 72255 | 72256 | 72257 | 72263 | 72264 | 72265 | 72281 | 72287 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 72288 | 72289 | 72291 | 72295 | 72298 | 72308 | 72309 | 72319 | 72321 | 72330 | 72336 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 72344 | 72350 | 72353 | 72359 | 72365 | 72371 | 72372 | 72381 | 72382 | 72394 | 72397 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 72401 | 72411 | 72412 | 72415 | 72430 | 72439 | 72440 | 72446 | 72459 | 72460 | 72461 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 72462 | 72471 | 72482 | 72483 | 72488 | 72489 | 72492 | 72497 | 72505 | 72507 | 72510 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 72512 | 72518 | 72525 | 72531 | 72536 | 72543 | 72547 | 72548 | 72556 | 72565 | 72566 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 72574 | 72585 | 72596 | 72599 | 72602 | 72603 | 72607 | 72612 | 72615 | 72620 | 72636 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 72642 | 72645 | 72652 | 72661 | 72664 | 72669 | 72672 | 72673 | 72675 | 72676 | 72683 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 72699 | 72701 | 72703 | 72705 | 72713 | 72715 | 72719 | 72724 | 72726 | 72737 | 72739 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 72742 | 72743 | 72750 | 72756 | 72757 | 72758 | 72769 | 72779 | 72788 | 72792 | 72793 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 72794 | 72795 | 72800 | 72803 | 72804 | 72805 | 72807 | 72809 | 72816 | 72832 | 72835 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 72845 | 72862 | 72869 | 72875 | 72882 | 72891 | 72896 | 72899 | 72900 | 72907 | 72912 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 72914 | 72915 | 72920 | 72933 | 72941 | 72943 | 72948 | 72949 | 72952 | 72957 | 72967 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 72973 | 72976 | 72978 | 72979 | 72997 | 73020 | 73024 | 73035 | 73038 | 73045 | 73047 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 73049 | 73057 | 73058 | 73063 | 73065 | 73069 | 73074 | 73076 | 73086 | 73089 | 73092 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 73097 | 73100 | 73101 | 73104 | 73118 | 73131 | 73142 | 73151 | 73164 | 73165 | 73169 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 73181 | 73186 | 73189 | 73196 | 73198 | 73201 | 73206 | 73212 | 73220 | 73221 | 73228 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 73229 | 73231 | 73232 | 73233 | 73245 | 73249 | 73250 | 73254 | 73256 | 73263 | 73264 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 73268 | 73274 | 73276 | 73285 | 73291 | 73293 | 73300 | 73316 | 73321 | 73327 | 73331 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 73334 | 73335 | 73343 | 73347 | 73353 | 73358 | 73368 | 73375 | 73378 | 73386 | 73388 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 73390 | 73399 | 73401 | 73402 | 73405 | 73409 | 73413 | 73415 | 73422 | 73423 | 73431 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 73438 | 73445 | 73463 | 73467 | 73482 | 73488 | 73498 | 73501 | 73504 | 73511 | 73519 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 73539 | 73544 | 73547 | 73551 | 73561 | 73566 | 73568 | 73569 | 73588 | 73600 | 73601 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 73604 | 73610 | 73619 | 73621 | 73623 | 73629 | 73634 | 73635 | 73647 | 73655 | 73660 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 1     | 0     | 0     |
| ## | 73671 | 73672 | 73676 | 73680 | 73681 | 73682 | 73691 | 73703 | 73704 | 73706 | 73708 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 73710 | 73718 | 73721 | 73723 | 73725 | 73730 | 73731 | 73735 | 73736 | 73738 | 73739 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 73743 | 73748 | 73753 | 73759 | 73768 | 73769 | 73773 | 73776 | 73780 | 73786 | 73788 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 73790 | 73792 | 73800 | 73801 | 73804 | 73805 | 73811 | 73812 | 73813 | 73814 | 73820 |
| ## | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 73822 | 73823 | 73824 | 73843 | 73845 | 73850 | 73856 | 73859 | 73865 | 73867 | 73872 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 73877 | 73879 | 73886 | 73887 | 73888 | 73890 | 73895 | 73897 | 73899 | 73909 | 73910 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 73914 | 73915 | 73916 | 73924 | 73930 | 73934 | 73936 | 73943 | 73947 | 73949 | 73950 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 73951 | 73965 | 73969 | 73971 | 73994 | 73996 | 74008 | 74009 | 74011 | 74015 | 74016 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 74017 | 74019 | 74022 | 74026 | 74029 | 74031 | 74033 | 74037 | 74038 | 74041 | 74043 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 74048 | 74057 | 74058 | 74060 | 74061 | 74071 | 74073 | 74080 | 74088 | 74090 | 74091 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 74098 | 74105 | 74108 | 74115 | 74117 | 74122 | 74129 | 74134 | 74143 | 74148 | 74151 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     |
| ## | 74152 | 74153 | 74156 | 74176 | 74178 | 74179 | 74182 | 74191 | 74199 | 74201 | 74212 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 74220 | 74221 | 74232 | 74233 | 74238 | 74247 | 74249 | 74255 | 74258 | 74260 | 74264 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 74265 | 74266 | 74269 | 74279 | 74287 | 74298 | 74302 | 74303 | 74304 | 74305 | 74309 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 74310 | 74313 | 74322 | 74337 | 74345 | 74346 | 74354 | 74356 | 74357 | 74360 | 74361 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 74363 | 74370 | 74372 | 74373 | 74382 | 74387 | 74388 | 74389 | 74390 | 74391 | 74393 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 74398 | 74410 | 74412 | 74413 | 74414 | 74425 | 74436 | 74444 | 74446 | 74452 | 74453 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 74458 | 74460 | 74468 | 74471 | 74472 | 74474 | 74475 | 74481 | 74483 | 74484 | 74487 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 74497 | 74499 | 74513 | 74521 | 74543 | 74544 | 74547 | 74548 | 74550 | 74551 | 74554 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 74559 | 74564 | 74565 | 74567 | 74568 | 74572 | 74575 | 74576 | 74587 | 74594 | 74595 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 74596 | 74602 | 74604 | 74609 | 74615 | 74618 | 74624 | 74633 | 74643 | 74644 | 74646 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 74649 | 74650 | 74655 | 74656 | 74657 | 74665 | 74667 | 74673 | 74674 | 74679 | 74689 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 74700 | 74704 | 74709 | 74712 | 74722 | 74725 | 74748 | 74767 | 74769 | 74772 | 74773 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 74785 | 74786 | 74789 | 74803 | 74807 | 74814 | 74830 | 74834 | 74853 | 74854 | 74859 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 74875 | 74879 | 74894 | 74896 | 74899 | 74903 | 74904 | 74921 | 74934 | 74936 | 74940 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 74946 | 74947 | 74948 | 74955 | 74963 | 74966 | 74972 | 74980 | 74997 | 75000 | 75002 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 75009 | 75011 | 75015 | 75016 | 75019 | 75020 | 75031 | 75043 | 75049 | 75057 | 75063 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 75066 | 75073 | 75077 | 75079 | 75085 | 75093 | 75097 | 75100 | 75107 | 75109 | 75114 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 75116 | 75119 | 75123 | 75146 | 75148 | 75150 | 75152 | 75154 | 75156 | 75179 | 75180 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 75181 | 75183 | 75187 | 75188 | 75189 | 75197 | 75204 | 75205 | 75228 | 75231 | 75253 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 75266 | 75267 | 75281 | 75285 | 75292 | 75302 | 75308 | 75314 | 75317 | 75319 | 75323 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 75328 | 75343 | 75350 | 75367 | 75370 | 75376 | 75377 | 75385 | 75386 | 75389 | 75394 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 75397 | 75403 | 75407 | 75410 | 75413 | 75425 | 75427 | 75433 | 75441 | 75446 | 75451 |
| ## | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 75453 | 75462 | 75463 | 75464 | 75471 | 75473 | 75485 | 75487 | 75489 | 75497 | 75509 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 75511 | 75514 | 75517 | 75523 | 75527 | 75528 | 75531 | 75533 | 75540 | 75547 | 75549 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 75551 | 75552 | 75556 | 75558 | 75560 | 75562 | 75564 | 75574 | 75575 | 75577 | 75581 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 75585 | 75587 | 75595 | 75603 | 75607 | 75609 | 75620 | 75629 | 75631 | 75636 | 75644 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 75645 | 75650 | 75651 | 75656 | 75657 | 75658 | 75661 | 75665 | 75666 | 75679 | 75683 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 75684 | 75689 | 75691 | 75696 | 75699 | 75702 | 75710 | 75711 | 75714 | 75716 | 75728 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 75729 | 75732 | 75738 | 75748 | 75750 | 75757 | 75763 | 75767 | 75769 | 75774 | 75783 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 75788 | 75791 | 75800 | 75806 | 75807 | 75808 | 75810 | 75811 | 75815 | 75820 | 75822 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 75824 | 75825 | 75826 | 75827 | 75831 | 75834 | 75837 | 75846 | 75851 | 75852 | 75853 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 75854 | 75860 | 75863 | 75864 | 75865 | 75867 | 75870 | 75871 | 75873 | 75894 | 75898 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 75904 | 75905 | 75909 | 75913 | 75924 | 75933 | 75946 | 75952 | 75953 | 75955 | 75958 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 75962 | 75963 | 75968 | 75971 | 75976 | 75986 | 75998 | 76000 | 76003 | 76007 | 76011 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 76012 | 76021 | 76033 | 76038 | 76039 | 76040 | 76046 | 76049 | 76061 | 76068 | 76073 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 76077 | 76078 | 76081 | 76082 | 76091 | 76096 | 76102 | 76103 | 76107 | 76117 | 76126 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 76139 | 76140 | 76146 | 76147 | 76150 | 76154 | 76161 | 76163 | 76171 | 76174 | 76176 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 76181 | 76183 | 76184 | 76185 | 76190 | 76197 | 76205 | 76210 | 76217 | 76219 | 76220 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 76228 | 76232 | 76238 | 76243 | 76244 | 76250 | 76263 | 76278 | 76279 | 76280 | 76300 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 76305 | 76313 | 76322 | 76326 | 76329 | 76339 | 76345 | 76347 | 76349 | 76350 | 76351 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 76352 | 76355 | 76359 | 76368 | 76393 | 76394 | 76395 | 76399 | 76414 | 76421 | 76424 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 76430 | 76432 | 76436 | 76460 | 76463 | 76466 | 76474 | 76476 | 76483 | 76489 | 76493 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 76495 | 76499 | 76500 | 76503 | 76504 | 76512 | 76523 | 76530 | 76533 | 76536 | 76547 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 76549 | 76552 | 76560 | 76569 | 76571 | 76576 | 76577 | 76583 | 76584 | 76592 | 76598 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     |
| ## | 76600 | 76613 | 76616 | 76619 | 76627 | 76631 | 76632 | 76633 | 76634 | 76638 | 76639 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 76644 | 76648 | 76666 | 76667 | 76668 | 76673 | 76676 | 76679 | 76688 | 76690 | 76695 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 76697 | 76700 | 76701 | 76702 | 76703 | 76706 | 76714 | 76725 | 76726 | 76728 | 76741 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 76742 | 76747 | 76749 | 76750 | 76755 | 76770 | 76775 | 76781 | 76785 | 76794 | 76795 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 76802 | 76809 | 76811 | 76829 | 76844 | 76847 | 76849 | 76852 | 76853 | 76854 | 76860 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 76864 | 76868 | 76871 | 76884 | 76889 | 76905 | 76910 | 76921 | 76926 | 76928 | 76933 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 76945 | 76946 | 76947 | 76953 | 76954 | 76957 | 76965 | 76967 | 76976 | 76977 | 76978 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 76984 | 76988 | 76992 | 76993 | 76995 | 76996 | 77001 | 77003 | 77006 | 77008 | 77010 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 77024 | 77032 | 77034 | 77035 | 77040 | 77044 | 77045 | 77054 | 77058 | 77061 | 77064 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 77070 | 77077 | 77080 | 77082 | 77084 | 77086 | 77093 | 77103 | 77108 | 77113 | 77114 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 77119 | 77125 | 77135 | 77138 | 77139 | 77143 | 77150 | 77159 | 77162 | 77165 | 77166 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 77168 | 77170 | 77173 | 77178 | 77182 | 77188 | 77192 | 77195 | 77197 | 77217 | 77218 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 77225 | 77226 | 77240 | 77242 | 77251 | 77260 | 77261 | 77272 | 77274 | 77281 | 77284 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 77287 | 77290 | 77291 | 77296 | 77301 | 77310 | 77311 | 77315 | 77326 | 77336 | 77342 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 77343 | 77346 | 77352 | 77355 | 77356 | 77358 | 77365 | 77375 | 77380 | 77383 | 77388 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 77391 | 77394 | 77396 | 77397 | 77398 | 77399 | 77408 | 77415 | 77420 | 77422 | 77426 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 77427 | 77429 | 77442 | 77449 | 77452 | 77466 | 77467 | 77468 | 77472 | 77475 | 77476 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 77486 | 77496 | 77500 | 77502 | 77506 | 77507 | 77514 | 77519 | 77523 | 77527 | 77528 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 77534 | 77535 | 77537 | 77540 | 77541 | 77546 | 77550 | 77555 | 77557 | 77558 | 77566 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 77570 | 77575 | 77590 | 77592 | 77598 | 77601 | 77604 | 77612 | 77614 | 77616 | 77631 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 77635 | 77654 | 77662 | 77666 | 77673 | 77674 | 77682 | 77683 | 77684 | 77685 | 77691 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     |
| ## | 77699 | 77708 | 77710 | 77711 | 77717 | 77723 | 77730 | 77733 | 77741 | 77743 | 77746 |
| ## | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 77750 | 77751 | 77754 | 77757 | 77761 | 77764 | 77766 | 77767 | 77772 | 77787 | 77793 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 77799 | 77802 | 77804 | 77805 | 77807 | 77813 | 77816 | 77818 | 77825 | 77832 | 77836 |
| ## | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 77839 | 77852 | 77861 | 77866 | 77878 | 77880 | 77883 | 77886 | 77903 | 77912 | 77914 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 77941 | 77946 | 77949 | 77954 | 77978 | 77981 | 77999 | 78000 | 78006 | 78009 | 78011 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 78020 | 78023 | 78025 | 78034 | 78036 | 78043 | 78051 | 78059 | 78064 | 78069 | 78072 |
| ## | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 78074 | 78090 | 78092 | 78099 | 78102 | 78104 | 78106 | 78108 | 78112 | 78118 | 78126 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 78133 | 78134 | 78135 | 78137 | 78145 | 78149 | 78154 | 78156 | 78160 | 78176 | 78177 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 78179 | 78185 | 78198 | 78201 | 78204 | 78205 | 78209 | 78213 | 78215 | 78227 | 78235 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 78247 | 78262 | 78265 | 78269 | 78291 | 78292 | 78298 | 78300 | 78307 | 78308 | 78310 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     |
| ## | 78313 | 78322 | 78326 | 78337 | 78339 | 78342 | 78346 | 78347 | 78361 | 78362 | 78363 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 0     |
| ## | 78366 | 78369 | 78372 | 78379 | 78384 | 78386 | 78397 | 78402 | 78409 | 78411 | 78420 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     |
| ## | 78433 | 78441 | 78442 | 78444 | 78450 | 78452 | 78460 | 78463 | 78464 | 78467 | 78474 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 0     | 0     |
| ## | 78480 | 78484 | 78494 | 78498 | 78501 | 78502 | 78510 | 78523 | 78528 | 78529 | 78535 |
| ## | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 78536 | 78545 | 78550 | 78551 | 78552 | 78566 | 78569 | 78570 | 78571 | 78582 | 78587 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 78594 | 78598 | 78601 | 78602 | 78605 | 78609 | 78626 | 78649 | 78659 | 78666 | 78669 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 78670 | 78683 | 78684 | 78700 | 78702 | 78703 | 78704 | 78714 | 78722 | 78723 | 78743 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 78744 | 78752 | 78762 | 78766 | 78784 | 78786 | 78790 | 78794 | 78799 | 78804 | 78807 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 78815 | 78821 | 78822 | 78828 | 78834 | 78840 | 78846 | 78850 | 78852 | 78858 | 78859 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 78863 | 78867 | 78869 | 78871 | 78874 | 78875 | 78878 | 78883 | 78891 | 78896 | 78900 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 78918 | 78920 | 78925 | 78926 | 78931 | 78932 | 78945 | 78947 | 78949 | 78952 | 78953 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 78954 | 78962 | 78964 | 78969 | 78971 | 78978 | 78983 | 78988 | 79002 | 79008 | 79011 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 79012 | 79031 | 79034 | 79035 | 79041 | 79046 | 79048 | 79055 | 79056 | 79059 | 79069 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 79076 | 79079 | 79087 | 79090 | 79093 | 79099 | 79101 | 79105 | 79112 | 79118 | 79122 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 79123 | 79132 | 79141 | 79142 | 79144 | 79147 | 79148 | 79179 | 79186 | 79194 | 79199 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 79210 | 79212 | 79215 | 79217 | 79223 | 79236 | 79245 | 79268 | 79271 | 79272 | 79273 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 79278 | 79285 | 79291 | 79298 | 79300 | 79303 | 79307 | 79311 | 79312 | 79317 | 79321 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 79322 | 79329 | 79334 | 79341 | 79342 | 79355 | 79357 | 79358 | 79361 | 79365 | 79375 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 79387 | 79396 | 79400 | 79403 | 79410 | 79412 | 79416 | 79430 | 79435 | 79446 | 79449 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 79453 | 79464 | 79465 | 79466 | 79479 | 79488 | 79489 | 79490 | 79495 | 79496 | 79497 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 79498 | 79505 | 79507 | 79508 | 79509 | 79512 | 79515 | 79522 | 79529 | 79531 | 79532 |
| ## | 1     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 1     |
| ## | 79537 | 79544 | 79557 | 79560 | 79561 | 79567 | 79571 | 79579 | 79589 | 79595 | 79596 |
| ## | 1     | 1     | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 1     | 1     |
| ## | 79601 | 79603 | 79605 | 79607 | 79608 | 79610 | 79611 | 79618 | 79622 | 79624 | 79627 |
| ## | 0     | 0     | 1     | 1     | 0     | 1     | 0     | 0     | 1     | 0     | 1     |
| ## | 79633 | 79639 | 79640 | 79649 | 79651 | 79652 | 79653 | 79654 | 79658 | 79661 | 79662 |
| ## | 1     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 0     | 1     |
| ## | 79663 | 79666 | 79668 | 79683 | 79684 | 79686 | 79688 | 79708 | 79709 | 79715 | 79717 |
| ## | 0     | 1     | 0     | 0     | 1     | 1     | 1     | 0     | 1     | 1     | 1     |
| ## | 79719 | 79720 | 79731 | 79733 | 79738 | 79744 | 79746 | 79753 | 79756 | 79759 | 79763 |
| ## | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 1     |
| ## | 79773 | 79778 | 79780 | 79783 | 79784 | 79791 | 79795 | 79801 | 79811 | 79822 | 79838 |
| ## | 1     | 0     | 0     | 1     | 0     | 1     | 0     | 1     | 1     | 0     | 0     |
| ## | 79855 | 79858 | 79859 | 79861 | 79867 | 79877 | 79883 | 79887 | 79890 | 79910 | 79915 |
| ## | 1     | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 1     |
| ## | 79920 | 79921 | 79930 | 79932 | 79933 | 79935 | 79947 | 79952 | 79953 | 79954 | 79961 |
| ## | 1     | 1     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 0     |
| ## | 79962 | 79968 | 79986 | 79993 | 80003 | 80004 | 80005 | 80007 | 80010 | 80020 | 80021 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 0     |
| ## | 80024 | 80025 | 80028 | 80032 | 80039 | 80040 | 80044 | 80049 | 80050 | 80051 | 80053 |
| ## | 1     | 1     | 0     | 1     | 1     | 1     | 1     | 0     | 0     | 1     | 0     |
| ## | 80054 | 80055 | 80059 | 80072 | 80073 | 80084 | 80088 | 80092 | 80094 | 80104 | 80112 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 1     |
| ## | 80133 | 80136 | 80139 | 80146 | 80155 | 80160 | 80166 | 80169 | 80181 | 80188 | 80203 |
| ## | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 1     | 0     | 0     | 0     |
| ## | 80209 | 80210 | 80216 | 80217 | 80221 | 80223 | 80233 | 80234 | 80235 | 80245 | 80250 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 80251 | 80252 | 80253 | 80265 | 80270 | 80273 | 80293 | 80298 | 80303 | 80306 | 80308 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 80309 | 80312 | 80319 | 80327 | 80338 | 80340 | 80344 | 80348 | 80350 | 80355 | 80356 |



|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 1     |
| ## | 80358 | 80364 | 80365 | 80370 | 80395 | 80410 | 80426 | 80432 | 80435 | 80438 | 80442 |
| ## | 1     | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 1     | 1     | 1     |
| ## | 80443 | 80446 | 80463 | 80464 | 80473 | 80476 | 80478 | 80481 | 80488 | 80489 | 80497 |
| ## | 1     | 1     | 1     | 1     | 0     | 1     | 1     | 1     | 1     | 0     | 0     |
| ## | 80507 | 80518 | 80521 | 80523 | 80525 | 80534 | 80538 | 80542 | 80543 | 80557 | 80564 |
| ## | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 80570 | 80571 | 80578 | 80579 | 80581 | 80583 | 80584 | 80587 | 80593 | 80594 | 80597 |
| ## | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     |
| ## | 80599 | 80603 | 80604 | 80615 | 80619 | 80624 | 80627 | 80630 | 80639 | 80642 | 80648 |
| ## | 1     | 0     | 1     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 1     |
| ## | 80651 | 80656 | 80661 | 80665 | 80667 | 80669 | 80671 | 80672 | 80675 | 80679 | 80694 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 80696 | 80698 | 80727 | 80728 | 80729 | 80741 | 80743 | 80747 | 80759 | 80763 | 80769 |
| ## | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 80782 | 80783 | 80792 | 80797 | 80802 | 80805 | 80808 | 80811 | 80816 | 80822 | 80825 |
| ## | 1     | 1     | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 80835 | 80837 | 80845 | 80850 | 80858 | 80860 | 80862 | 80863 | 80875 | 80882 | 80884 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 80887 | 80892 | 80895 | 80901 | 80902 | 80905 | 80915 | 80920 | 80927 | 80930 | 80934 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 0     | 0     |
| ## | 80937 | 80942 | 80943 | 80944 | 80950 | 80952 | 80959 | 80960 | 80964 | 80967 | 80984 |
| ## | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 1     | 1     |
| ## | 80985 | 80997 | 81000 | 81005 | 81006 | 81007 | 81012 | 81030 | 81037 | 81038 | 81046 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 81059 | 81065 | 81071 | 81072 | 81085 | 81087 | 81090 | 81109 | 81113 | 81126 | 81130 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 81135 | 81139 | 81142 | 81143 | 81145 | 81151 | 81154 | 81165 | 81166 | 81170 | 81172 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 81174 | 81178 | 81180 | 81184 | 81189 | 81190 | 81191 | 81195 | 81199 | 81204 | 81205 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 81214 | 81219 | 81222 | 81227 | 81242 | 81243 | 81248 | 81250 | 81252 | 81261 | 81264 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 81266 | 81272 | 81274 | 81276 | 81277 | 81283 | 81285 | 81288 | 81290 | 81293 | 81305 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 81317 | 81319 | 81320 | 81322 | 81324 | 81325 | 81335 | 81337 | 81340 | 81343 | 81347 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 81360 | 81368 | 81370 | 81371 | 81372 | 81376 | 81392 | 81394 | 81408 | 81428 | 81434 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 81438 | 81440 | 81444 | 81448 | 81451 | 81466 | 81468 | 81470 | 81475 | 81477 | 81483 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 81484 | 81500 | 81501 | 81507 | 81513 | 81527 | 81530 | 81538 | 81542 | 81547 | 81567 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 81572 | 81575 | 81591 | 81592 | 81597 | 81600 | 81602 | 81606 | 81615 | 81620 | 81629 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 81635 | 81641 | 81643 | 81644 | 81645 | 81647 | 81652 | 81655 | 81660 | 81663 | 81665 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 81676 | 81677 | 81678 | 81684 | 81689 | 81693 | 81700 | 81701 | 81703 | 81705 | 81723 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 81725 | 81726 | 81731 | 81732 | 81736 | 81740 | 81744 | 81751 | 81752 | 81755 | 81765 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 81766 | 81769 | 81771 | 81772 | 81773 | 81776 | 81778 | 81783 | 81786 | 81789 | 81794 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 81799 | 81800 | 81804 | 81807 | 81809 | 81816 | 81818 | 81820 | 81826 | 81828 | 81835 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 81850 | 81861 | 81863 | 81869 | 81883 | 81903 | 81904 | 81906 | 81920 | 81922 | 81932 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 81935 | 81937 | 81953 | 81959 | 81972 | 81992 | 81994 | 81996 | 82002 | 82008 | 82021 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 82026 | 82027 | 82028 | 82038 | 82053 | 82054 | 82056 | 82061 | 82064 | 82065 | 82070 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 82072 | 82079 | 82083 | 82085 | 82086 | 82095 | 82098 | 82125 | 82128 | 82132 | 82133 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 82135 | 82139 | 82141 | 82147 | 82148 | 82152 | 82162 | 82165 | 82168 | 82186 | 82188 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 82189 | 82190 | 82194 | 82196 | 82197 | 82200 | 82206 | 82208 | 82217 | 82222 | 82229 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 82240 | 82245 | 82247 | 82254 | 82263 | 82267 | 82269 | 82271 | 82274 | 82291 | 82292 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 82302 | 82306 | 82307 | 82308 | 82330 | 82332 | 82336 | 82342 | 82343 | 82344 | 82346 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 82350 | 82361 | 82363 | 82370 | 82373 | 82376 | 82377 | 82382 | 82392 | 82395 | 82399 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 82410 | 82416 | 82419 | 82422 | 82424 | 82427 | 82428 | 82429 | 82437 | 82441 | 82448 |
| ## | 0     | 1     | 0     | 1     | 1     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 82456 | 82463 | 82464 | 82466 | 82467 | 82475 | 82478 | 82480 | 82484 | 82488 | 82490 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 82491 | 82496 | 82511 | 82515 | 82518 | 82520 | 82533 | 82539 | 82541 | 82545 | 82546 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 82547 | 82548 | 82550 | 82552 | 82554 | 82555 | 82569 | 82581 | 82587 | 82597 | 82598 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 82599 | 82602 | 82604 | 82607 | 82640 | 82643 | 82644 | 82648 | 82652 | 82654 | 82659 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 82667 | 82668 | 82669 | 82670 | 82687 | 82688 | 82690 | 82694 | 82695 | 82697 | 82702 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 82703 | 82704 | 82705 | 82709 | 82711 | 82713 | 82714 | 82726 | 82728 | 82737 | 82742 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 82746 | 82759 | 82764 | 82768 | 82776 | 82778 | 82793 | 82798 | 82810 | 82814 | 82819 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 82820 | 82821 | 82833 | 82837 | 82839 | 82842 | 82849 | 82851 | 82853 | 82856 | 82859 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 82860 | 82863 | 82881 | 82883 | 82889 | 82894 | 82896 | 82897 | 82900 | 82906 | 82914 |
| ## | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 82916 | 82918 | 82924 | 82928 | 82937 | 82947 | 82957 | 82963 | 82964 | 82990 | 82994 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 0     |
| ## | 82995 | 83000 | 83002 | 83021 | 83043 | 83050 | 83052 | 83063 | 83073 | 83074 | 83075 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 83089 | 83105 | 83112 | 83126 | 83130 | 83140 | 83142 | 83149 | 83150 | 83152 | 83153 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 1     |
| ## | 83161 | 83168 | 83170 | 83171 | 83173 | 83177 | 83178 | 83184 | 83187 | 83189 | 83199 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     |
| ## | 83202 | 83209 | 83217 | 83219 | 83229 | 83230 | 83234 | 83236 | 83242 | 83251 | 83252 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 83253 | 83254 | 83257 | 83258 | 83269 | 83271 | 83272 | 83289 | 83292 | 83296 | 83297 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 83300 | 83301 | 83308 | 83311 | 83312 | 83315 | 83317 | 83320 | 83324 | 83325 | 83340 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 83341 | 83347 | 83349 | 83350 | 83351 | 83353 | 83357 | 83364 | 83367 | 83383 | 83385 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 83386 | 83390 | 83399 | 83400 | 83403 | 83405 | 83411 | 83412 | 83418 | 83425 | 83431 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 83433 | 83436 | 83444 | 83453 | 83454 | 83455 | 83461 | 83469 | 83470 | 83471 | 83480 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 83491 | 83504 | 83510 | 83512 | 83513 | 83520 | 83533 | 83545 | 83546 | 83556 | 83557 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 83560 | 83562 | 83567 | 83571 | 83577 | 83580 | 83582 | 83587 | 83598 | 83605 | 83607 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 83608 | 83611 | 83613 | 83617 | 83620 | 83630 | 83632 | 83636 | 83642 | 83643 | 83660 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 83662 | 83664 | 83667 | 83670 | 83686 | 83701 | 83706 | 83710 | 83713 | 83717 | 83722 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 83730 | 83732 | 83737 | 83738 | 83740 | 83748 | 83749 | 83750 | 83752 | 83756 | 83765 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 83766 | 83767 | 83768 | 83777 | 83778 | 83787 | 83795 | 83796 | 83800 | 83801 | 83802 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 83804 | 83809 | 83811 | 83812 | 83814 | 83818 | 83819 | 83826 | 83828 | 83829 | 83840 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 83842 | 83845 | 83848 | 83854 | 83858 | 83865 | 83869 | 83880 | 83882 | 83884 | 83888 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 83890 | 83897 | 83898 | 83910 | 83914 | 83915 | 83919 | 83922 | 83932 | 83943 | 83951 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 83955 | 83956 | 83958 | 83961 | 83962 | 83968 | 83971 | 83974 | 83982 | 83989 | 83990 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 83995 | 83996 | 83999 | 84001 | 84003 | 84017 | 84018 | 84022 | 84024 | 84029 | 84032 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 84035 | 84036 | 84045 | 84050 | 84051 | 84052 | 84053 | 84056 | 84065 | 84068 | 84069 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 84079 | 84082 | 84083 | 84092 | 84093 | 84094 | 84108 | 84115 | 84117 | 84118 | 84122 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 84128 | 84131 | 84138 | 84140 | 84141 | 84143 | 84146 | 84153 | 84159 | 84161 | 84164 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 84167 | 84168 | 84173 | 84179 | 84182 | 84188 | 84194 | 84197 | 84198 | 84202 | 84204 |
| ## | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 84206 | 84211 | 84212 | 84214 | 84229 | 84230 | 84237 | 84238 | 84245 | 84260 | 84261 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 84266 | 84274 | 84275 | 84289 | 84290 | 84304 | 84309 | 84320 | 84323 | 84326 | 84327 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 84333 | 84340 | 84346 | 84353 | 84358 | 84364 | 84369 | 84370 | 84376 | 84379 | 84383 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 84386 | 84393 | 84406 | 84413 | 84420 | 84422 | 84423 | 84438 | 84440 | 84441 | 84450 |
| ## | 1     | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 84453 | 84458 | 84460 | 84463 | 84466 | 84467 | 84477 | 84490 | 84495 | 84501 | 84503 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 84506 | 84517 | 84523 | 84527 | 84533 | 84541 | 84544 | 84545 | 84557 | 84562 | 84568 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 84573 | 84581 | 84585 | 84586 | 84595 | 84596 | 84599 | 84603 | 84617 | 84618 | 84626 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 84629 | 84643 | 84647 | 84648 | 84653 | 84671 | 84677 | 84686 | 84688 | 84690 | 84692 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 84697 | 84700 | 84705 | 84706 | 84707 | 84708 | 84710 | 84717 | 84719 | 84724 | 84737 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 84743 | 84745 | 84759 | 84761 | 84764 | 84765 | 84777 | 84780 | 84784 | 84787 | 84800 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 84801 | 84814 | 84820 | 84822 | 84824 | 84826 | 84829 | 84834 | 84844 | 84845 | 84850 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 84852 | 84854 | 84883 | 84887 | 84889 | 84894 | 84897 | 84898 | 84905 | 84906 | 84907 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 84908 | 84921 | 84933 | 84937 | 84943 | 84944 | 84953 | 84956 | 84973 | 84979 | 84984 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 84986 | 84989 | 84995 | 84997 | 85000 | 85003 | 85004 | 85013 | 85018 | 85021 | 85022 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 85026 | 85030 | 85035 | 85042 | 85045 | 85053 | 85054 | 85058 | 85059 | 85064 | 85076 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 85078 | 85082 | 85086 | 85089 | 85093 | 85098 | 85102 | 85107 | 85108 | 85110 | 85111 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 85117 | 85118 | 85120 | 85123 | 85128 | 85135 | 85138 | 85144 | 85145 | 85146 | 85150 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 85151 | 85154 | 85165 | 85166 | 85174 | 85175 | 85177 | 85183 | 85199 | 85200 | 85212 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 85218 | 85223 | 85233 | 85239 | 85243 | 85246 | 85247 | 85250 | 85251 | 85256 | 85262 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 85263 | 85264 | 85268 | 85269 | 85275 | 85293 | 85301 | 85303 | 85306 | 85308 | 85317 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 85318 | 85322 | 85324 | 85329 | 85330 | 85347 | 85352 | 85353 | 85354 | 85356 | 85362 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 85365 | 85366 | 85383 | 85389 | 85392 | 85396 | 85409 | 85411 | 85418 | 85421 | 85431 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     |
| ## | 85439 | 85441 | 85446 | 85450 | 85452 | 85453 | 85464 | 85471 | 85472 | 85476 | 85487 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 85488 | 85491 | 85493 | 85495 | 85498 | 85501 | 85505 | 85514 | 85523 | 85530 | 85535 |
| ## | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 1     |
| ## | 85540 | 85541 | 85546 | 85550 | 85551 | 85552 | 85561 | 85575 | 85596 | 85597 | 85598 |
| ## | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 85600 | 85601 | 85603 | 85609 | 85618 | 85626 | 85633 | 85639 | 85640 | 85649 | 85654 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 85656 | 85657 | 85672 | 85677 | 85679 | 85680 | 85686 | 85691 | 85693 | 85699 | 85704 |
| ## | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 85705 | 85708 | 85712 | 85714 | 85716 | 85723 | 85726 | 85732 | 85739 | 85745 | 85752 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 85754 | 85756 | 85762 | 85770 | 85773 | 85776 | 85777 | 85779 | 85782 | 85788 | 85789 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 85799 | 85806 | 85815 | 85821 | 85826 | 85827 | 85849 | 85850 | 85858 | 85862 | 85863 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 85865 | 85866 | 85882 | 85885 | 85895 | 85897 | 85908 | 85916 | 85919 | 85921 | 85924 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 85929 | 85935 | 85946 | 85947 | 85948 | 85949 | 85955 | 85958 | 85968 | 85969 | 85989 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 85991 | 85993 | 85999 | 86003 | 86004 | 86005 | 86010 | 86016 | 86018 | 86033 | 86034 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 86035 | 86039 | 86042 | 86043 | 86047 | 86050 | 86051 | 86053 | 86054 | 86057 | 86059 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 86060 | 86075 | 86080 | 86091 | 86092 | 86098 | 86099 | 86109 | 86117 | 86121 | 86131 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 86133 | 86139 | 86144 | 86149 | 86158 | 86159 | 86168 | 86172 | 86191 | 86194 | 86196 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 86198 | 86202 | 86203 | 86207 | 86211 | 86213 | 86221 | 86226 | 86228 | 86235 | 86241 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 86243 | 86244 | 86248 | 86262 | 86267 | 86268 | 86269 | 86272 | 86275 | 86285 | 86295 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 86299 | 86301 | 86303 | 86306 | 86310 | 86315 | 86318 | 86337 | 86344 | 86354 | 86366 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 86373 | 86375 | 86377 | 86384 | 86386 | 86387 | 86389 | 86390 | 86392 | 86394 | 86400 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 86404 | 86407 | 86408 | 86409 | 86411 | 86417 | 86426 | 86431 | 86442 | 86448 | 86452 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 86453 | 86459 | 86460 | 86461 | 86467 | 86470 | 86483 | 86490 | 86492 | 86495 | 86498 |
| ## | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 86510 | 86513 | 86543 | 86547 | 86548 | 86549 | 86558 | 86565 | 86566 | 86575 | 86587 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 86590 | 86591 | 86592 | 86598 | 86599 | 86600 | 86608 | 86609 | 86611 | 86626 | 86630 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 86638 | 86649 | 86650 | 86659 | 86662 | 86672 | 86673 | 86674 | 86676 | 86681 | 86682 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 86684 | 86692 | 86696 | 86698 | 86704 | 86709 | 86710 | 86712 | 86723 | 86729 | 86730 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 86732 | 86733 | 86737 | 86742 | 86743 | 86753 | 86754 | 86761 | 86767 | 86774 | 86778 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 86782 | 86783 | 86789 | 86790 | 86792 | 86798 | 86802 | 86807 | 86812 | 86820 | 86822 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 0     | 1     | 1     |
| ## | 86833 | 86850 | 86862 | 86864 | 86868 | 86869 | 86874 | 86883 | 86894 | 86897 | 86899 |
| ## | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     |
| ## | 86906 | 86908 | 86911 | 86923 | 86924 | 86929 | 86930 | 86936 | 86937 | 86939 | 86940 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 86945 | 86952 | 86954 | 86973 | 86982 | 86985 | 86986 | 86987 | 86995 | 87001 | 87005 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 87012 | 87013 | 87014 | 87015 | 87029 | 87031 | 87033 | 87046 | 87070 | 87073 | 87083 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 87085 | 87094 | 87096 | 87112 | 87119 | 87122 | 87124 | 87125 | 87133 | 87140 | 87152 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 87160 | 87162 | 87163 | 87166 | 87173 | 87179 | 87182 | 87184 | 87187 | 87191 | 87193 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 87196 | 87202 | 87210 | 87214 | 87220 | 87225 | 87227 | 87230 | 87235 | 87237 | 87243 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     |
| ## | 87246 | 87248 | 87251 | 87257 | 87260 | 87266 | 87280 | 87283 | 87286 | 87288 | 87292 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 87296 | 87297 | 87304 | 87312 | 87313 | 87316 | 87319 | 87324 | 87325 | 87327 | 87334 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 87336 | 87339 | 87340 | 87347 | 87348 | 87350 | 87358 | 87366 | 87369 | 87377 | 87386 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 87407 | 87412 | 87414 | 87415 | 87416 | 87417 | 87419 | 87420 | 87426 | 87428 | 87429 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 1     |
| ## | 87430 | 87435 | 87440 | 87441 | 87449 | 87461 | 87468 | 87473 | 87488 | 87492 | 87501 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 87502 | 87504 | 87513 | 87517 | 87525 | 87526 | 87529 | 87534 | 87543 | 87550 | 87551 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 87564 | 87572 | 87574 | 87575 | 87577 | 87579 | 87593 | 87596 | 87597 | 87600 | 87604 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 87606 | 87608 | 87615 | 87617 | 87624 | 87625 | 87631 | 87646 | 87654 | 87655 | 87670 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 87672 | 87679 | 87687 | 87690 | 87691 | 87695 | 87697 | 87698 | 87703 | 87720 | 87726 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 87732 | 87733 | 87736 | 87743 | 87744 | 87746 | 87751 | 87755 | 87758 | 87760 | 87776 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 87783 | 87790 | 87802 | 87803 | 87805 | 87808 | 87812 | 87820 | 87821 | 87829 | 87830 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 87842 | 87843 | 87844 | 87849 | 87852 | 87878 | 87880 | 87898 | 87910 | 87919 | 87922 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 87923 | 87926 | 87927 | 87929 | 87936 | 87947 | 87949 | 87959 | 87961 | 87968 | 87974 |
| ## | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 0     | 0     | 1     |
| ## | 87978 | 87980 | 87991 | 87993 | 87995 | 87996 | 88010 | 88011 | 88012 | 88018 | 88021 |
| ## | 1     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 88023 | 88024 | 88025 | 88026 | 88030 | 88032 | 88042 | 88050 | 88051 | 88054 | 88059 |
| ## | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 88061 | 88063 | 88064 | 88065 | 88071 | 88074 | 88075 | 88078 | 88080 | 88083 | 88091 |
| ## | 1     | 1     | 1     | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 1     |
| ## | 88093 | 88099 | 88100 | 88101 | 88103 | 88106 | 88115 | 88123 | 88131 | 88134 | 88137 |
| ## | 1     | 1     | 0     | 0     | 1     | 1     | 0     | 1     | 1     | 1     | 0     |
| ## | 88140 | 88141 | 88147 | 88148 | 88159 | 88161 | 88170 | 88173 | 88183 | 88189 | 88194 |
| ## | 1     | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 1     | 1     |
| ## | 88197 | 88201 | 88213 | 88229 | 88236 | 88238 | 88248 | 88254 | 88256 | 88264 | 88271 |
| ## | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 1     | 0     |
| ## | 88274 | 88276 | 88278 | 88283 | 88284 | 88286 | 88290 | 88293 | 88297 | 88308 | 88319 |
| ## | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 1     |
| ## | 88321 | 88325 | 88329 | 88332 | 88333 | 88338 | 88339 | 88340 | 88347 | 88348 | 88351 |
| ## | 1     | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 88352 | 88358 | 88361 | 88370 | 88371 | 88377 | 88391 | 88395 | 88413 | 88419 | 88421 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 88426 | 88435 | 88442 | 88443 | 88448 | 88450 | 88451 | 88457 | 88459 | 88469 | 88475 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 1     | 1     | 0     |
| ## | 88482 | 88485 | 88487 | 88493 | 88495 | 88499 | 88500 | 88505 | 88506 | 88509 | 88522 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 88525 | 88528 | 88535 | 88540 | 88543 | 88544 | 88550 | 88558 | 88559 | 88560 | 88561 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 88562 | 88564 | 88565 | 88568 | 88575 | 88577 | 88579 | 88583 | 88586 | 88587 | 88590 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     |
| ## | 88591 | 88596 | 88598 | 88606 | 88613 | 88621 | 88627 | 88630 | 88637 | 88638 | 88640 |
| ## | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 88643 | 88645 | 88651 | 88658 | 88659 | 88664 | 88675 | 88678 | 88682 | 88684 | 88685 |
| ## | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 1     |
| ## | 88686 | 88701 | 88708 | 88720 | 88724 | 88727 | 88736 | 88738 | 88742 | 88745 | 88753 |
| ## | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 88759 | 88764 | 88765 | 88766 | 88774 | 88786 | 88792 | 88793 | 88796 | 88797 | 88798 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 1     | 0     | 1     | 1     |
| ## | 88799 | 88800 | 88811 | 88815 | 88820 | 88822 | 88828 | 88838 | 88842 | 88843 | 88847 |
| ## | 1     | 1     | 0     | 0     | 1     | 0     | 1     | 0     | 1     | 0     | 0     |
| ## | 88848 | 88854 | 88860 | 88865 | 88868 | 88870 | 88875 | 88879 | 88887 | 88889 | 88892 |
| ## | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 88894 | 88902 | 88904 | 88905 | 88916 | 88924 | 88929 | 88933 | 88934 | 88938 | 88941 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 88949 | 88950 | 88951 | 88952 | 88958 | 88967 | 88974 | 88981 | 88984 | 88996 | 88999 |
| ## | 1     | 1     | 0     | 0     | 1     | 0     | 1     | 1     | 1     | 0     | 0     |
| ## | 89001 | 89003 | 89005 | 89009 | 89017 | 89022 | 89023 | 89034 | 89035 | 89043 | 89044 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 0     |
| ## | 89050 | 89053 | 89062 | 89063 | 89064 | 89066 | 89073 | 89082 | 89085 | 89086 | 89088 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 1     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 0     | 0     | 0     |
| ## | 89089 | 89094 | 89096 | 89097 | 89104 | 89105 | 89108 | 89112 | 89113 | 89117 | 89123 |
| ## | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 89129 | 89135 | 89136 | 89143 | 89144 | 89147 | 89160 | 89175 | 89179 | 89183 | 89189 |
| ## | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 0     |
| ## | 89200 | 89205 | 89211 | 89212 | 89216 | 89219 | 89225 | 89226 | 89227 | 89228 | 89239 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 89258 | 89265 | 89274 | 89276 | 89278 | 89282 | 89283 | 89287 | 89293 | 89307 | 89309 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 89319 | 89321 | 89334 | 89335 | 89337 | 89342 | 89346 | 89349 | 89356 | 89363 | 89370 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 89373 | 89381 | 89387 | 89400 | 89406 | 89408 | 89409 | 89411 | 89413 | 89418 | 89420 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 89423 | 89428 | 89429 | 89430 | 89433 | 89473 | 89474 | 89485 | 89486 | 89487 | 89488 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 89493 | 89505 | 89507 | 89508 | 89511 | 89522 | 89527 | 89528 | 89532 | 89535 | 89537 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 89543 | 89548 | 89550 | 89551 | 89555 | 89561 | 89563 | 89564 | 89566 | 89567 | 89568 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 89579 | 89582 | 89601 | 89608 | 89613 | 89623 | 89630 | 89633 | 89641 | 89647 | 89656 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     |
| ## | 89664 | 89667 | 89670 | 89674 | 89678 | 89679 | 89687 | 89688 | 89689 | 89702 | 89708 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     |
| ## | 89715 | 89716 | 89718 | 89727 | 89734 | 89741 | 89744 | 89752 | 89753 | 89758 | 89760 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 89761 | 89766 | 89767 | 89785 | 89790 | 89792 | 89795 | 89801 | 89818 | 89826 | 89857 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 89860 | 89869 | 89885 | 89887 | 89888 | 89891 | 89895 | 89896 | 89899 | 89907 | 89908 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 89913 | 89915 | 89924 | 89928 | 89935 | 89937 | 89941 | 89942 | 89954 | 89955 | 89960 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 89965 | 89976 | 89980 | 89984 | 89995 | 90012 | 90023 | 90024 | 90030 | 90033 | 90038 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 90055 | 90058 | 90061 | 90071 | 90078 | 90103 | 90105 | 90107 | 90118 | 90139 | 90149 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 90153 | 90154 | 90157 | 90162 | 90168 | 90169 | 90170 | 90171 | 90174 | 90175 | 90178 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 90185 | 90195 | 90197 | 90200 | 90209 | 90222 | 90228 | 90235 | 90239 | 90252 | 90253 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 90259 | 90275 | 90280 | 90291 | 90293 | 90300 | 90303 | 90307 | 90312 | 90313 | 90322 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 90329 | 90331 | 90332 | 90333 | 90344 | 90346 | 90348 | 90349 | 90353 | 90355 | 90356 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     |
| ## | 90363 | 90368 | 90370 | 90371 | 90375 | 90381 | 90385 | 90387 | 90405 | 90412 | 90417 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 90420 | 90421 | 90425 | 90430 | 90432 | 90435 | 90438 | 90442 | 90444 | 90449 | 90450 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 90462 | 90464 | 90465 | 90471 | 90481 | 90483 | 90487 | 90494 | 90499 | 90503 | 90510 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 90511 | 90514 | 90522 | 90526 | 90529 | 90534 | 90541 | 90543 | 90547 | 90556 | 90560 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 90566 | 90573 | 90578 | 90579 | 90582 | 90585 | 90586 | 90590 | 90592 | 90599 | 90604 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 90605 | 90620 | 90624 | 90635 | 90636 | 90645 | 90651 | 90654 | 90656 | 90659 | 90660 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 90662 | 90668 | 90669 | 90676 | 90679 | 90681 | 90686 | 90690 | 90699 | 90705 | 90710 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 90728 | 90747 | 90748 | 90752 | 90770 | 90772 | 90775 | 90780 | 90784 | 90787 | 90793 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 90816 | 90826 | 90838 | 90839 | 90851 | 90855 | 90858 | 90869 | 90881 | 90884 | 90888 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 90890 | 90891 | 90892 | 90894 | 90897 | 90898 | 90909 | 90911 | 90913 | 90919 | 90930 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 90931 | 90933 | 90934 | 90939 | 90943 | 90948 | 90952 | 90956 | 90959 | 90976 | 90978 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 90981 | 90987 | 90989 | 90992 | 90996 | 90997 | 91008 | 91012 | 91017 | 91018 | 91019 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 91020 | 91022 | 91023 | 91024 | 91028 | 91029 | 91031 | 91035 | 91037 | 91039 | 91045 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 91051 | 91052 | 91056 | 91057 | 91065 | 91067 | 91068 | 91071 | 91072 | 91075 | 91083 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 91084 | 91085 | 91092 | 91094 | 91095 | 91096 | 91099 | 91100 | 91103 | 91105 | 91117 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 91119 | 91122 | 91123 | 91128 | 91139 | 91140 | 91145 | 91146 | 91157 | 91162 | 91169 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 91174 | 91179 | 91186 | 91189 | 91190 | 91195 | 91196 | 91197 | 91198 | 91200 | 91202 |
| ## | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 91209 | 91214 | 91218 | 91227 | 91233 | 91238 | 91240 | 91242 | 91253 | 91254 | 91255 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 91259 | 91264 | 91275 | 91278 | 91291 | 91292 | 91309 | 91310 | 91318 | 91323 | 91325 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 91330 | 91337 | 91339 | 91340 | 91356 | 91360 | 91372 | 91375 | 91378 | 91391 | 91395 |
| ## | 1     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 0     |
| ## | 91396 | 91398 | 91399 | 91403 | 91427 | 91435 | 91440 | 91452 | 91453 | 91464 | 91465 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 91472 | 91478 | 91479 | 91481 | 91484 | 91485 | 91487 | 91494 | 91508 | 91517 | 91525 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 91526 | 91527 | 91528 | 91535 | 91542 | 91551 | 91558 | 91561 | 91564 | 91582 | 91584 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 91585 | 91592 | 91598 | 91601 | 91605 | 91612 | 91614 | 91616 | 91622 | 91627 | 91628 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 91632 | 91637 | 91646 | 91651 | 91656 | 91660 | 91670 | 91672 | 91673 | 91677 | 91681 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 91689 | 91703 | 91704 | 91706 | 91711 | 91716 | 91718 | 91719 | 91720 | 91724 | 91726 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 91728 | 91739 | 91741 | 91743 | 91746 | 91747 | 91751 | 91754 | 91758 | 91762 | 91763 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 91773 | 91785 | 91787 | 91788 | 91789 | 91794 | 91795 | 91801 | 91803 | 91804 | 91807 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 91816 | 91817 | 91821 | 91825 | 91826 | 91835 | 91837 | 91838 | 91840 | 91842 | 91854 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 91857 | 91861 | 91865 | 91868 | 91870 | 91871 | 91880 | 91881 | 91891 | 91906 | 91908 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 91915 | 91917 | 91924 | 91927 | 91929 | 91942 | 91945 | 91949 | 91952 | 91955 | 91963 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 91965 | 91971 | 91973 | 91982 | 91983 | 92001 | 92006 | 92015 | 92019 | 92022 | 92023 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 92033 | 92041 | 92043 | 92049 | 92053 | 92054 | 92062 | 92063 | 92069 | 92072 | 92077 |



|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 92078 | 92080 | 92083 | 92084 | 92089 | 92092 | 92103 | 92109 | 92111 | 92112 | 92117 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 92134 | 92142 | 92143 | 92148 | 92153 | 92154 | 92159 | 92162 | 92166 | 92168 | 92188 |
| ## | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 92203 | 92209 | 92229 | 92234 | 92242 | 92245 | 92251 | 92254 | 92260 | 92273 | 92279 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     |
| ## | 92282 | 92285 | 92290 | 92295 | 92296 | 92304 | 92315 | 92316 | 92318 | 92320 | 92322 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 92325 | 92340 | 92344 | 92345 | 92346 | 92349 | 92355 | 92356 | 92362 | 92365 | 92366 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 92371 | 92376 | 92387 | 92398 | 92399 | 92411 | 92414 | 92416 | 92427 | 92442 | 92444 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 92448 | 92449 | 92450 | 92451 | 92454 | 92460 | 92470 | 92478 | 92481 | 92484 | 92486 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 92496 | 92500 | 92503 | 92506 | 92509 | 92524 | 92526 | 92528 | 92533 | 92534 | 92544 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 92554 | 92559 | 92579 | 92581 | 92597 | 92603 | 92609 | 92610 | 92611 | 92625 | 92631 |
| ## | 1     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 92632 | 92636 | 92650 | 92651 | 92654 | 92656 | 92658 | 92664 | 92669 | 92674 | 92677 |
| ## | 0     | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 92689 | 92691 | 92692 | 92693 | 92694 | 92695 | 92696 | 92706 | 92708 | 92709 | 92717 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 92718 | 92729 | 92734 | 92735 | 92739 | 92740 | 92745 | 92748 | 92750 | 92755 | 92757 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 92758 | 92764 | 92765 | 92768 | 92772 | 92773 | 92777 | 92778 | 92783 | 92788 | 92796 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 92800 | 92806 | 92811 | 92816 | 92818 | 92824 | 92834 | 92838 | 92845 | 92847 | 92848 |
| ## | 1     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 92850 | 92854 | 92856 | 92858 | 92859 | 92870 | 92884 | 92885 | 92888 | 92889 | 92890 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 92892 | 92894 | 92895 | 92900 | 92910 | 92915 | 92920 | 92921 | 92925 | 92927 | 92928 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 92929 | 92931 | 92945 | 92946 | 92955 | 92963 | 92972 | 92975 | 92979 | 92981 | 92983 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 92990 | 92993 | 92997 | 92998 | 93001 | 93006 | 93008 | 93016 | 93019 | 93026 | 93027 |
| ## | 1     | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 1     |
| ## | 93030 | 93032 | 93041 | 93055 | 93058 | 93060 | 93064 | 93078 | 93088 | 93102 | 93105 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 93110 | 93111 | 93112 | 93114 | 93120 | 93121 | 93132 | 93133 | 93145 | 93148 | 93151 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 93153 | 93154 | 93155 | 93157 | 93161 | 93162 | 93165 | 93170 | 93171 | 93175 | 93184 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 93188 | 93190 | 93192 | 93194 | 93203 | 93206 | 93209 | 93210 | 93213 | 93215 | 93218 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 93229 | 93230 | 93231 | 93232 | 93243 | 93244 | 93246 | 93247 | 93257 | 93267 | 93268 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 93270 | 93272 | 93281 | 93289 | 93297 | 93302 | 93303 | 93312 | 93319 | 93325 | 93333 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 93336 | 93350 | 93356 | 93361 | 93362 | 93363 | 93366 | 93372 | 93387 | 93398 | 93410 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 93412 | 93418 | 93421 | 93423 | 93425 | 93428 | 93430 | 93433 | 93458 | 93465 | 93467 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 93473 | 93476 | 93479 | 93485 | 93487 | 93489 | 93508 | 93510 | 93516 | 93520 | 93524 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     |
| ## | 93529 | 93550 | 93559 | 93572 | 93574 | 93575 | 93578 | 93579 | 93584 | 93587 | 93589 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 93590 | 93591 | 93592 | 93594 | 93597 | 93603 | 93616 | 93617 | 93626 | 93630 | 93631 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 93636 | 93642 | 93645 | 93646 | 93651 | 93655 | 93662 | 93674 | 93675 | 93682 | 93699 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 93701 | 93703 | 93707 | 93718 | 93725 | 93732 | 93751 | 93752 | 93758 | 93766 | 93771 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 93772 | 93775 | 93776 | 93780 | 93782 | 93789 | 93805 | 93807 | 93809 | 93814 | 93815 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 93816 | 93840 | 93854 | 93856 | 93857 | 93862 | 93870 | 93883 | 93886 | 93890 | 93893 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 1     | 0     | 0     |
| ## | 93909 | 93914 | 93915 | 93919 | 93924 | 93928 | 93931 | 93940 | 93941 | 93943 | 93953 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 93957 | 93958 | 93959 | 93968 | 93971 | 93975 | 93983 | 93987 | 93997 | 93998 | 94004 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 94006 | 94016 | 94021 | 94026 | 94028 | 94033 | 94044 | 94051 | 94052 | 94062 | 94065 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     |
| ## | 94068 | 94069 | 94073 | 94085 | 94087 | 94088 | 94092 | 94093 | 94108 | 94123 | 94125 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 94129 | 94137 | 94146 | 94152 | 94159 | 94160 | 94163 | 94173 | 94175 | 94179 | 94180 |
| ## | 0     | 0     | 1     | 1     | 1     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 94182 | 94186 | 94192 | 94201 | 94207 | 94217 | 94218 | 94220 | 94221 | 94223 | 94232 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 94244 | 94246 | 94247 | 94251 | 94254 | 94258 | 94262 | 94271 | 94272 | 94273 | 94274 |
| ## | 1     | 1     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 94275 | 94278 | 94279 | 94283 | 94284 | 94287 | 94293 | 94296 | 94297 | 94303 | 94312 |
| ## | 1     | 1     | 1     | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 1     |
| ## | 94314 | 94320 | 94323 | 94326 | 94327 | 94330 | 94336 | 94343 | 94344 | 94345 | 94347 |
| ## | 0     | 1     | 1     | 1     | 1     | 0     | 1     | 0     | 1     | 0     | 0     |
| ## | 94355 | 94356 | 94359 | 94363 | 94366 | 94367 | 94386 | 94391 | 94397 | 94401 | 94403 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
| ## | 94409 | 94411 | 94413 | 94420 | 94429 | 94430 | 94433 | 94443 | 94446 | 94449 | 94455 |
| ## | 0     | 1     | 0     | 1     | 1     | 1     | 0     | 0     | 1     | 1     | 1     |
| ## | 94457 | 94458 | 94460 | 94469 | 94471 | 94472 | 94474 | 94476 | 94478 | 94482 | 94487 |
| ## | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 94490 | 94492 | 94498 | 94502 | 94506 | 94508 | 94513 | 94514 | 94526 | 94527 | 94528 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 94530 | 94532 | 94534 | 94543 | 94549 | 94550 | 94557 | 94562 | 94566 | 94569 | 94570 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 94572 | 94573 | 94581 | 94586 | 94588 | 94595 | 94596 | 94598 | 94604 | 94605 | 94606 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 94608 | 94611 | 94619 | 94626 | 94628 | 94632 | 94643 | 94645 | 94666 | 94670 | 94671 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 94681 | 94705 | 94710 | 94712 | 94721 | 94728 | 94735 | 94744 | 94756 | 94758 | 94761 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 94764 | 94771 | 94775 | 94776 | 94788 | 94794 | 94803 | 94811 | 94813 | 94815 | 94820 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 94825 | 94826 | 94828 | 94835 | 94854 | 94855 | 94864 | 94881 | 94883 | 94886 | 94891 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 94894 | 94905 | 94908 | 94919 | 94924 | 94932 | 94933 | 94938 | 94941 | 94944 | 94955 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 94961 | 94967 | 94969 | 94970 | 94976 | 94977 | 94991 | 94999 | 95011 | 95015 | 95026 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 95032 | 95040 | 95044 | 95049 | 95055 | 95056 | 95057 | 95075 | 95076 | 95085 | 95095 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 95104 | 95106 | 95113 | 95128 | 95132 | 95140 | 95146 | 95161 | 95164 | 95167 | 95178 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 95183 | 95189 | 95199 | 95204 | 95206 | 95208 | 95211 | 95215 | 95216 | 95218 | 95219 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 95224 | 95230 | 95232 | 95234 | 95236 | 95240 | 95242 | 95248 | 95265 | 95271 | 95273 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 95278 | 95281 | 95287 | 95289 | 95290 | 95293 | 95296 | 95300 | 95301 | 95309 | 95317 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 95327 | 95328 | 95335 | 95336 | 95341 | 95342 | 95348 | 95350 | 95351 | 95373 | 95378 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 95381 | 95389 | 95396 | 95411 | 95413 | 95420 | 95421 | 95431 | 95432 | 95436 | 95437 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 0     |
| ## | 95447 | 95466 | 95468 | 95478 | 95479 | 95480 | 95481 | 95482 | 95485 | 95489 | 95491 |
| ## | 1     | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 1     | 0     |
| ## | 95494 | 95499 | 95503 | 95514 | 95520 | 95525 | 95527 | 95535 | 95537 | 95541 | 95546 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 1     |
| ## | 95550 | 95554 | 95564 | 95568 | 95569 | 95575 | 95579 | 95581 | 95586 | 95598 | 95600 |
| ## | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 1     | 1     | 0     | 1     |
| ## | 95602 | 95612 | 95622 | 95630 | 95632 | 95644 | 95647 | 95649 | 95650 | 95652 | 95653 |
| ## | 0     | 1     | 0     | 1     | 1     | 1     | 1     | 1     | 0     | 0     | 1     |
| ## | 95663 | 95664 | 95667 | 95668 | 95669 | 95677 | 95688 | 95689 | 95690 | 95693 | 95698 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     | 1     | 0     | 0     |
| ## | 95699 | 95702 | 95705 | 95707 | 95708 | 95711 | 95712 | 95732 | 95737 | 95738 | 95745 |
| ## | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 95748 | 95764 | 95767 | 95771 | 95776 | 95778 | 95785 | 95791 | 95798 | 95801 | 95802 |
| ## | 1     | 1     | 1     | 0     | 1     | 1     | 1     | 0     | 1     | 1     | 1     |
| ## | 95804 | 95810 | 95811 | 95816 | 95819 | 95821 | 95829 | 95831 | 95833 | 95837 | 95841 |
| ## | 1     | 0     | 1     | 1     | 1     | 1     | 1     | 0     | 0     | 0     | 1     |
| ## | 95844 | 95848 | 95854 | 95855 | 95861 | 95870 | 95871 | 95877 | 95880 | 95882 | 95885 |
| ## | 0     | 1     | 1     | 1     | 1     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 95886 | 95892 | 95907 | 95908 | 95910 | 95911 | 95913 | 95915 | 95917 | 95918 | 95919 |
| ## | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 1     |
| ## | 95922 | 95929 | 95932 | 95934 | 95938 | 95941 | 95942 | 95951 | 95953 | 95955 | 95958 |
| ## | 1     | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 1     | 0     |
| ## | 95963 | 95973 | 95974 | 95975 | 95976 | 95983 | 95984 | 95987 | 96001 | 96004 | 96018 |
| ## | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 96023 | 96027 | 96036 | 96044 | 96057 | 96063 | 96065 | 96067 | 96068 | 96079 | 96087 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 96092 | 96093 | 96096 | 96102 | 96108 | 96115 | 96118 | 96122 | 96123 | 96133 | 96149 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 96150 | 96152 | 96153 | 96154 | 96155 | 96165 | 96167 | 96168 | 96170 | 96173 | 96175 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     | 1     |
| ## | 96182 | 96187 | 96188 | 96190 | 96195 | 96199 | 96201 | 96203 | 96204 | 96207 | 96211 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 96217 | 96218 | 96221 | 96225 | 96226 | 96230 | 96231 | 96239 | 96244 | 96249 | 96253 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 96266 | 96267 | 96273 | 96275 | 96277 | 96279 | 96281 | 96286 | 96288 | 96294 | 96301 |
| ## | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     |
| ## | 96305 | 96308 | 96309 | 96323 | 96324 | 96326 | 96331 | 96334 | 96336 | 96354 | 96361 |
| ## | 1     | 1     | 1     | 1     | 1     | 1     | 0     | 1     | 1     | 0     | 1     |
| ## | 96365 | 96367 | 96372 | 96389 | 96391 | 96393 | 96407 | 96427 | 96441 | 96446 | 96450 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 1     | 1     | 1     | 0     | 1     | 0     | 0     | 0     |
| ## | 96451 | 96452 | 96453 | 96455 | 96457 | 96464 | 96472 | 96474 | 96489 | 96496 | 96511 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     | 1     | 1     |
| ## | 96517 | 96519 | 96524 | 96535 | 96537 | 96538 | 96539 | 96540 | 96549 | 96552 | 96559 |
| ## | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 1     | 0     |
| ## | 96561 | 96563 | 96565 | 96568 | 96572 | 96577 | 96581 | 96584 | 96593 | 96594 | 96621 |
| ## | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 1     |
| ## | 96627 | 96631 | 96638 | 96643 | 96647 | 96658 | 96660 | 96664 | 96667 | 96671 | 96672 |
| ## | 1     | 1     | 1     | 1     | 0     | 0     | 0     | 1     | 1     | 1     | 0     |
| ## | 96679 | 96685 | 96687 | 96694 | 96709 | 96714 | 96720 | 96721 | 96723 | 96729 | 96731 |
| ## | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 96732 | 96735 | 96752 | 96759 | 96767 | 96769 | 96773 | 96781 | 96784 | 96786 | 96787 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 96790 | 96797 | 96799 | 96801 | 96803 | 96812 | 96816 | 96817 | 96819 | 96827 | 96830 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 96831 | 96839 | 96848 | 96868 | 96874 | 96877 | 96878 | 96884 | 96886 | 96887 | 96889 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 96892 | 96893 | 96898 | 96902 | 96904 | 96905 | 96910 | 96916 | 96919 | 96922 | 96927 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 96929 | 96935 | 96937 | 96941 | 96942 | 96948 | 96953 | 96956 | 96962 | 96964 | 96968 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 96969 | 96971 | 96976 | 96979 | 96989 | 96993 | 96994 | 96998 | 97004 | 97013 | 97017 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 97024 | 97035 | 97041 | 97042 | 97043 | 97061 | 97074 | 97076 | 97078 | 97091 | 97095 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 97096 | 97103 | 97105 | 97116 | 97121 | 97124 | 97130 | 97138 | 97145 | 97147 | 97150 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 0     |
| ## | 97151 | 97153 | 97160 | 97166 | 97172 | 97173 | 97175 | 97178 | 97182 | 97185 | 97199 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 97208 | 97210 | 97224 | 97233 | 97238 | 97242 | 97247 | 97255 | 97258 | 97260 | 97265 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 97271 | 97277 | 97280 | 97282 | 97290 | 97316 | 97326 | 97330 | 97337 | 97342 | 97349 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 97350 | 97357 | 97359 | 97360 | 97366 | 97367 | 97369 | 97388 | 97391 | 97394 | 97395 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 97401 | 97405 | 97406 | 97417 | 97419 | 97420 | 97421 | 97424 | 97433 | 97437 | 97442 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 97445 | 97453 | 97454 | 97460 | 97475 | 97477 | 97479 | 97482 | 97484 | 97497 | 97500 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 97509 | 97510 | 97514 | 97522 | 97528 | 97542 | 97544 | 97546 | 97547 | 97550 | 97551 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     |
| ## | 97559 | 97566 | 97567 | 97569 | 97571 | 97572 | 97576 | 97579 | 97581 | 97585 | 97587 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 97590 | 97598 | 97611 | 97612 | 97619 | 97623 | 97638 | 97643 | 97654 | 97657 | 97658 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 97659 | 97675 | 97679 | 97682 | 97687 | 97691 | 97701 | 97705 | 97708 | 97709 | 97710 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 97715 | 97721 | 97725 | 97728 | 97730 | 97734 | 97736 | 97739 | 97747 | 97753 | 97755 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 97763 | 97768 | 97772 | 97778 | 97791 | 97792 | 97798 | 97803 | 97804 | 97812 | 97813 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 97814 | 97832 | 97835 | 97838 | 97841 | 97842 | 97853 | 97855 | 97867 | 97872 | 97873 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 97875 | 97877 | 97880 | 97890 | 97892 | 97914 | 97930 | 97948 | 97951 | 97955 | 97958 |

|    |       |       |       |       |       |       |       |       |       |       |       |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     |
| ## | 97962 | 97965 | 97973 | 97975 | 97977 | 97978 | 97990 | 97994 | 97996 | 98000 | 98011 |
| ## | 0     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 98015 | 98021 | 98022 | 98029 | 98030 | 98031 | 98035 | 98038 | 98039 | 98040 | 98042 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| ## | 98044 | 98048 | 98050 | 98056 | 98058 | 98061 | 98063 | 98065 | 98067 | 98075 | 98091 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     |
| ## | 98095 | 98102 | 98103 | 98106 | 98108 | 98110 | 98130 | 98136 | 98146 | 98154 | 98164 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     |
| ## | 98173 | 98174 | 98175 | 98180 | 98184 | 98187 | 98190 | 98193 | 98198 | 98201 | 98203 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 98206 | 98207 | 98214 | 98221 | 98225 | 98231 | 98235 | 98236 | 98244 | 98248 | 98249 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 98256 | 98262 | 98270 | 98271 | 98274 | 98278 | 98280 | 98281 | 98282 | 98284 | 98288 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 98290 | 98294 | 98301 | 98304 | 98307 | 98311 | 98339 | 98340 | 98341 | 98344 | 98352 |
| ## | 0     | 1     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 98354 | 98356 | 98357 | 98358 | 98365 | 98367 | 98376 | 98384 | 98389 | 98397 | 98401 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 98408 | 98417 | 98423 | 98426 | 98428 | 98441 | 98442 | 98448 | 98457 | 98458 | 98462 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 98472 | 98473 | 98476 | 98477 | 98480 | 98514 | 98525 | 98526 | 98529 | 98530 | 98544 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 98559 | 98560 | 98567 | 98584 | 98587 | 98589 | 98597 | 98598 | 98600 | 98603 | 98605 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     |
| ## | 98615 | 98616 | 98625 | 98627 | 98636 | 98639 | 98640 | 98642 | 98643 | 98644 | 98646 |
| ## | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     |
| ## | 98647 | 98650 | 98657 | 98658 | 98671 | 98672 | 98676 | 98677 | 98682 | 98683 | 98686 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     | 0     |
| ## | 98692 | 98700 | 98701 | 98705 | 98706 | 98713 | 98714 | 98718 | 98720 | 98722 | 98725 |
| ## | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 98743 | 98753 | 98761 | 98765 | 98780 | 98783 | 98795 | 98797 | 98801 | 98803 | 98804 |
| ## | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     |
| ## | 98805 | 98809 | 98822 | 98828 | 98839 | 98840 | 98846 | 98851 | 98859 | 98865 | 98872 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 98874 | 98877 | 98882 | 98884 | 98886 | 98887 | 98893 | 98901 | 98902 | 98905 | 98916 |
| ## | 1     | 0     | 1     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     |
| ## | 98919 | 98927 | 98928 | 98930 | 98935 | 98949 | 98953 | 98954 | 98964 | 98968 | 98975 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 98980 | 98988 | 98990 | 98993 | 98996 | 99000 | 99003 | 99006 | 99009 | 99012 | 99020 |
| ## | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 99024 | 99028 | 99031 | 99034 | 99039 | 99040 | 99043 | 99049 | 99051 | 99055 | 99059 |
| ## | 0     | 0     | 1     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 1     |
| ## | 99061 | 99064 | 99075 | 99078 | 99079 | 99086 | 99089 | 99090 | 99091 | 99101 | 99103 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 99106 | 99109 | 99119 | 99124 | 99126 | 99127 | 99133 | 99135 | 99136 | 99140 | 99141 |
| ## | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 99142 | 99152 | 99153 | 99158 | 99162 | 99167 | 99169 | 99172 | 99175 | 99187 | 99188 |
| ## | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| ## | 99192 | 99194 | 99197 | 99199 | 99207 | 99209 | 99213 | 99218 | 99221 | 99226 | 99229 |
| ## | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     | 1     | 0     | 0     |
| ## | 99231 | 99234 | 99236 | 99241 | 99245 | 99256 | 99263 | 99275 | 99278 | 99292 | 99296 |
| ## | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| ## | 99297 | 99298 | 99301 | 99304 | 99305 | 99306 | 99307 | 99308 | 99309 | 99314 | 99319 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 99323  | 99325  | 99333  | 99334  | 99335  | 99344  | 99346  | 99355  | 99360  | 99377  | 99378  |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 99379  | 99383  | 99392  | 99394  | 99397  | 99402  | 99409  | 99411  | 99414  | 99415  | 99416  |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 99424  | 99425  | 99431  | 99432  | 99434  | 99436  | 99441  | 99445  | 99448  | 99451  | 99456  |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 99458  | 99465  | 99466  | 99478  | 99481  | 99485  | 99488  | 99491  | 99494  | 99495  | 99497  |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 99498  | 99500  | 99508  | 99515  | 99522  | 99526  | 99537  | 99540  | 99549  | 99554  | 99559  |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 99566  | 99570  | 99576  | 99582  | 99587  | 99595  | 99607  | 99611  | 99614  | 99632  | 99633  |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 99634  | 99636  | 99637  | 99648  | 99649  | 99650  | 99652  | 99653  | 99656  | 99660  | 99663  |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 99664  | 99665  | 99666  | 99669  | 99671  | 99672  | 99686  | 99689  | 99693  | 99703  | 99710  |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 99716  | 99724  | 99729  | 99737  | 99739  | 99742  | 99752  | 99773  | 99791  | 99800  | 99801  |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 99805  | 99808  | 99813  | 99821  | 99822  | 99823  | 99824  | 99829  | 99831  | 99835  | 99837  |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 99842  | 99847  | 99851  | 99852  | 99853  | 99864  | 99867  | 99871  | 99879  | 99883  | 99884  |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 99889  | 99898  | 99899  | 99900  | 99905  | 99912  | 99915  | 99931  | 99934  | 99935  | 99936  |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 99955  | 99958  | 99963  | 99964  | 99969  | 99977  | 99989  | 99995  | 100002 | 100014 | 100017 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 100029 | 100031 | 100032 | 100040 | 100044 | 100045 | 100046 | 100050 | 100064 | 100067 | 100069 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 100070 | 100083 | 100089 | 100097 | 100110 | 100115 | 100117 | 100118 | 100124 | 100126 | 100132 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 100133 | 100134 | 100142 | 100153 | 100158 | 100162 | 100167 | 100169 | 100173 | 100177 | 100178 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 100189 | 100194 | 100195 | 100200 | 100208 | 100218 | 100222 | 100227 | 100231 | 100241 | 100249 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 100253 | 100255 | 100265 | 100267 | 100273 | 100275 | 100286 | 100288 | 100302 | 100311 | 100325 |
| ## | 1      | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 1      | 0      |
| ## | 100327 | 100331 | 100333 | 100336 | 100340 | 100343 | 100357 | 100358 | 100363 | 100364 | 100369 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 100371 | 100386 | 100394 | 100409 | 100411 | 100414 | 100440 | 100442 | 100445 | 100447 | 100454 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 100455 | 100460 | 100465 | 100466 | 100484 | 100496 | 100510 | 100514 | 100515 | 100525 | 100530 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 100534 | 100536 | 100540 | 100541 | 100544 | 100548 | 100550 | 100561 | 100562 | 100563 | 100564 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 100565 | 100578 | 100591 | 100593 | 100594 | 100602 | 100609 | 100611 | 100616 | 100617 | 100622 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 100624 | 100625 | 100631 | 100635 | 100639 | 100647 | 100654 | 100658 | 100663 | 100670 | 100685 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 100691 | 100696 | 100697 | 100703 | 100704 | 100709 | 100718 | 100727 | 100728 | 100730 | 100734 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 100740 | 100746 | 100755 | 100760 | 100764 | 100767 | 100770 | 100771 | 100774 | 100778 | 100780 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 100791 | 100795 | 100802 | 100804 | 100805 | 100825 | 100827 | 100838 | 100844 | 100849 | 100850 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 100852 | 100853 | 100855 | 100864 | 100871 | 100878 | 100887 | 100892 | 100893 | 100898 | 100909 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 100913 | 100916 | 100918 | 100937 | 100938 | 100946 | 100948 | 100950 | 100954 | 100959 | 100966 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 100970 | 100973 | 100982 | 100986 | 100991 | 101002 | 101015 | 101018 | 101019 | 101021 | 101033 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 101038 | 101042 | 101043 | 101050 | 101053 | 101060 | 101061 | 101062 | 101063 | 101064 | 101066 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 101072 | 101085 | 101089 | 101091 | 101092 | 101099 | 101102 | 101111 | 101118 | 101120 | 101123 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 101127 | 101139 | 101140 | 101145 | 101157 | 101166 | 101182 | 101185 | 101190 | 101195 | 101196 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 101202 | 101218 | 101220 | 101229 | 101243 | 101245 | 101269 | 101273 | 101274 | 101275 | 101279 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 1      |
| ## | 101292 | 101295 | 101301 | 101308 | 101313 | 101314 | 101316 | 101317 | 101318 | 101326 | 101331 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 101336 | 101343 | 101352 | 101353 | 101358 | 101363 | 101365 | 101369 | 101377 | 101379 | 101382 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 101384 | 101385 | 101386 | 101395 | 101405 | 101409 | 101410 | 101414 | 101417 | 101442 | 101448 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 1      |
| ## | 101449 | 101454 | 101468 | 101474 | 101481 | 101488 | 101497 | 101503 | 101516 | 101519 | 101530 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 101550 | 101555 | 101556 | 101560 | 101567 | 101568 | 101571 | 101576 | 101580 | 101583 | 101589 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 101591 | 101593 | 101594 | 101598 | 101609 | 101614 | 101616 | 101634 | 101641 | 101643 | 101650 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 101652 | 101657 | 101658 | 101661 | 101665 | 101668 | 101671 | 101677 | 101685 | 101691 | 101699 |
| ## | 1      | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 101703 | 101705 | 101712 | 101720 | 101723 | 101727 | 101730 | 101731 | 101736 | 101737 | 101739 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 101742 | 101748 | 101749 | 101750 | 101760 | 101762 | 101769 | 101776 | 101777 | 101779 | 101780 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      |
| ## | 101781 | 101793 | 101794 | 101797 | 101809 | 101815 | 101816 | 101821 | 101828 | 101835 | 101836 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 101838 | 101839 | 101847 | 101849 | 101853 | 101858 | 101861 | 101864 | 101865 | 101871 | 101878 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 101879 | 101889 | 101894 | 101896 | 101898 | 101899 | 101900 | 101906 | 101910 | 101911 | 101917 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 101921 | 101924 | 101930 | 101931 | 101936 | 101937 | 101952 | 101953 | 101959 | 101962 | 101971 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 101982 | 102005 | 102007 | 102013 | 102018 | 102019 | 102026 | 102027 | 102028 | 102029 | 102041 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102042 | 102053 | 102078 | 102093 | 102095 | 102096 | 102100 | 102101 | 102108 | 102109 | 102124 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102128 | 102143 | 102145 | 102146 | 102153 | 102154 | 102156 | 102164 | 102165 | 102166 | 102168 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102170 | 102172 | 102174 | 102177 | 102181 | 102185 | 102189 | 102194 | 102195 | 102202 | 102204 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102206 | 102210 | 102224 | 102225 | 102228 | 102234 | 102236 | 102237 | 102239 | 102240 | 102249 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102250 | 102252 | 102256 | 102259 | 102262 | 102271 | 102273 | 102275 | 102278 | 102283 | 102286 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102288 | 102289 | 102290 | 102292 | 102297 | 102300 | 102304 | 102316 | 102320 | 102321 | 102322 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102323 | 102324 | 102327 | 102334 | 102336 | 102357 | 102364 | 102366 | 102368 | 102369 | 102370 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 102371 | 102374 | 102376 | 102382 | 102389 | 102391 | 102392 | 102397 | 102400 | 102404 | 102409 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102412 | 102426 | 102430 | 102433 | 102435 | 102441 | 102442 | 102445 | 102449 | 102450 | 102466 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102469 | 102471 | 102475 | 102487 | 102491 | 102493 | 102498 | 102506 | 102508 | 102510 | 102513 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 102536 | 102542 | 102545 | 102547 | 102551 | 102552 | 102553 | 102554 | 102555 | 102556 | 102557 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102562 | 102564 | 102565 | 102571 | 102573 | 102579 | 102584 | 102585 | 102591 | 102592 | 102593 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102597 | 102603 | 102616 | 102623 | 102627 | 102632 | 102633 | 102638 | 102640 | 102642 | 102644 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 102646 | 102648 | 102658 | 102660 | 102661 | 102670 | 102678 | 102685 | 102689 | 102694 | 102701 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102703 | 102704 | 102706 | 102715 | 102718 | 102725 | 102726 | 102736 | 102737 | 102747 | 102749 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102751 | 102752 | 102754 | 102755 | 102764 | 102771 | 102775 | 102787 | 102811 | 102816 | 102823 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 102829 | 102831 | 102841 | 102854 | 102856 | 102857 | 102861 | 102865 | 102870 | 102872 | 102873 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102885 | 102887 | 102888 | 102891 | 102900 | 102901 | 102906 | 102919 | 102920 | 102925 | 102928 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102930 | 102941 | 102948 | 102949 | 102952 | 102957 | 102958 | 102966 | 102969 | 102975 | 102982 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 102984 | 102995 | 102996 | 103000 | 103005 | 103011 | 103016 | 103018 | 103022 | 103023 | 103035 |
| ## | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 103044 | 103047 | 103062 | 103063 | 103069 | 103077 | 103083 | 103090 | 103094 | 103103 | 103121 |
| ## | 1      | 0      | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 0      |
| ## | 103128 | 103129 | 103131 | 103139 | 103141 | 103144 | 103153 | 103160 | 103162 | 103169 | 103172 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 1      |
| ## | 103175 | 103182 | 103188 | 103189 | 103191 | 103195 | 103199 | 103204 | 103206 | 103207 | 103209 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 103210 | 103214 | 103225 | 103226 | 103233 | 103236 | 103239 | 103240 | 103243 | 103253 | 103255 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 103256 | 103257 | 103270 | 103271 | 103273 | 103276 | 103279 | 103282 | 103284 | 103287 | 103289 |
| ## | 0      | 0      | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 1      |
| ## | 103293 | 103294 | 103295 | 103297 | 103298 | 103299 | 103300 | 103302 | 103313 | 103315 | 103323 |
| ## | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 1      |
| ## | 103332 | 103344 | 103345 | 103351 | 103352 | 103361 | 103365 | 103371 | 103374 | 103376 | 103378 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 1      | 1      | 0      |
| ## | 103383 | 103391 | 103397 | 103403 | 103405 | 103408 | 103416 | 103425 | 103429 | 103431 | 103435 |
| ## | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 103438 | 103450 | 103460 | 103462 | 103467 | 103468 | 103469 | 103472 | 103474 | 103477 | 103478 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 1      | 0      | 0      |
| ## | 103480 | 103486 | 103488 | 103489 | 103490 | 103497 | 103503 | 103505 | 103508 | 103520 | 103521 |
| ## | 0      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 1      |
| ## | 103523 | 103524 | 103527 | 103528 | 103538 | 103542 | 103543 | 103548 | 103551 | 103552 | 103553 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 0      |
| ## | 103562 | 103563 | 103568 | 103573 | 103576 | 103577 | 103578 | 103581 | 103584 | 103597 | 103601 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 1      | 1      | 1      |
| ## | 103606 | 103607 | 103613 | 103622 | 103623 | 103625 | 103627 | 103633 | 103635 | 103637 | 103640 |



|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 1      | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 0      |
| ## | 103641 | 103646 | 103647 | 103653 | 103657 | 103659 | 103663 | 103664 | 103669 | 103671 | 103673 |
| ## | 1      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 0      |
| ## | 103676 | 103688 | 103689 | 103690 | 103693 | 103696 | 103697 | 103700 | 103702 | 103711 | 103728 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 1      |
| ## | 103730 | 103737 | 103743 | 103747 | 103752 | 103756 | 103760 | 103774 | 103781 | 103789 | 103792 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 103805 | 103810 | 103812 | 103816 | 103818 | 103823 | 103828 | 103830 | 103831 | 103836 | 103838 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 103843 | 103852 | 103861 | 103867 | 103870 | 103874 | 103884 | 103885 | 103893 | 103900 | 103907 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 1      |
| ## | 103913 | 103915 | 103928 | 103932 | 103936 | 103940 | 103949 | 103952 | 103954 | 103961 | 103965 |
| ## | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      |
| ## | 103967 | 103968 | 103977 | 103979 | 103983 | 103986 | 103987 | 104009 | 104012 | 104014 | 104022 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 1      |
| ## | 104026 | 104029 | 104031 | 104033 | 104044 | 104046 | 104048 | 104057 | 104078 | 104082 | 104087 |
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 1      | 1      | 0      |
| ## | 104091 | 104093 | 104101 | 104108 | 104110 | 104111 | 104133 | 104136 | 104146 | 104147 | 104155 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 1      | 0      |
| ## | 104163 | 104166 | 104178 | 104181 | 104182 | 104187 | 104189 | 104202 | 104203 | 104207 | 104210 |
| ## | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 1      |
| ## | 104211 | 104216 | 104224 | 104229 | 104235 | 104237 | 104244 | 104253 | 104262 | 104264 | 104266 |
| ## | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 104271 | 104276 | 104277 | 104279 | 104280 | 104284 | 104287 | 104289 | 104291 | 104295 | 104299 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 104303 | 104304 | 104336 | 104344 | 104355 | 104370 | 104387 | 104388 | 104390 | 104401 | 104407 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 104414 | 104416 | 104428 | 104434 | 104435 | 104436 | 104447 | 104462 | 104465 | 104470 | 104476 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 104477 | 104482 | 104486 | 104493 | 104495 | 104497 | 104498 | 104500 | 104505 | 104506 | 104510 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 104512 | 104524 | 104529 | 104530 | 104532 | 104535 | 104540 | 104543 | 104560 | 104561 | 104566 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 104567 | 104578 | 104585 | 104592 | 104617 | 104623 | 104627 | 104628 | 104632 | 104637 | 104638 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 104656 | 104660 | 104663 | 104664 | 104679 | 104681 | 104713 | 104715 | 104723 | 104726 | 104729 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 104731 | 104740 | 104741 | 104755 | 104758 | 104766 | 104768 | 104771 | 104782 | 104784 | 104789 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 104792 | 104793 | 104794 | 104795 | 104796 | 104798 | 104800 | 104801 | 104813 | 104837 | 104840 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 104841 | 104849 | 104852 | 104854 | 104858 | 104859 | 104861 | 104870 | 104873 | 104875 | 104883 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 104885 | 104891 | 104896 | 104897 | 104904 | 104905 | 104907 | 104910 | 104917 | 104918 | 104922 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 104923 | 104924 | 104927 | 104928 | 104929 | 104930 | 104934 | 104941 | 104942 | 104945 | 104946 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 104948 | 104955 | 104961 | 104966 | 104970 | 104976 | 104980 | 104988 | 104989 | 104991 | 104993 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 104994 | 104995 | 104998 | 105001 | 105002 | 105003 | 105007 | 105013 | 105018 | 105023 | 105032 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 105034 | 105038 | 105049 | 105055 | 105060 | 105065 | 105066 | 105073 | 105075 | 105081 | 105082 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 105085 | 105088 | 105089 | 105092 | 105100 | 105106 | 105108 | 105113 | 105114 | 105117 | 105135 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 105136 | 105139 | 105145 | 105158 | 105161 | 105164 | 105170 | 105171 | 105172 | 105179 | 105188 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 105192 | 105196 | 105202 | 105206 | 105208 | 105215 | 105216 | 105218 | 105224 | 105227 | 105228 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 105236 | 105238 | 105241 | 105242 | 105243 | 105245 | 105248 | 105255 | 105256 | 105257 | 105258 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 105259 | 105260 | 105266 | 105267 | 105269 | 105270 | 105274 | 105276 | 105279 | 105281 | 105301 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 105310 | 105319 | 105326 | 105330 | 105347 | 105353 | 105361 | 105364 | 105371 | 105374 | 105376 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 105380 | 105385 | 105397 | 105403 | 105406 | 105408 | 105413 | 105415 | 105420 | 105426 | 105437 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 105448 | 105450 | 105451 | 105452 | 105453 | 105454 | 105459 | 105468 | 105474 | 105476 | 105482 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 105486 | 105493 | 105496 | 105509 | 105510 | 105514 | 105527 | 105529 | 105539 | 105542 | 105544 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 105549 | 105552 | 105555 | 105560 | 105563 | 105566 | 105570 | 105572 | 105574 | 105579 | 105587 |
| ## | 1      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 1      | 1      | 0      |
| ## | 105594 | 105595 | 105597 | 105599 | 105603 | 105604 | 105621 | 105623 | 105626 | 105627 | 105650 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 105656 | 105659 | 105662 | 105666 | 105668 | 105673 | 105677 | 105678 | 105682 | 105685 | 105687 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 105688 | 105704 | 105709 | 105710 | 105711 | 105723 | 105725 | 105729 | 105734 | 105736 | 105743 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 105744 | 105745 | 105749 | 105760 | 105767 | 105769 | 105772 | 105778 | 105785 | 105791 | 105806 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 105807 | 105808 | 105810 | 105813 | 105828 | 105837 | 105840 | 105841 | 105843 | 105844 | 105848 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 105851 | 105858 | 105859 | 105861 | 105862 | 105865 | 105868 | 105870 | 105879 | 105882 | 105883 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 105889 | 105893 | 105897 | 105901 | 105911 | 105917 | 105918 | 105919 | 105923 | 105925 | 105930 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      |
| ## | 105935 | 105937 | 105938 | 105940 | 105946 | 105949 | 105959 | 105969 | 105979 | 105983 | 105992 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 105994 | 106000 | 106005 | 106007 | 106008 | 106009 | 106010 | 106017 | 106019 | 106030 | 106031 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106036 | 106041 | 106051 | 106062 | 106065 | 106069 | 106076 | 106077 | 106093 | 106096 | 106097 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106104 | 106108 | 106109 | 106110 | 106113 | 106122 | 106124 | 106125 | 106127 | 106130 | 106131 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 106138 | 106140 | 106143 | 106147 | 106151 | 106154 | 106155 | 106164 | 106175 | 106178 | 106187 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106188 | 106189 | 106195 | 106200 | 106219 | 106228 | 106233 | 106234 | 106238 | 106241 | 106242 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106258 | 106272 | 106275 | 106277 | 106283 | 106292 | 106296 | 106304 | 106314 | 106317 | 106322 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106333 | 106348 | 106349 | 106356 | 106363 | 106367 | 106368 | 106369 | 106373 | 106375 | 106382 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106384 | 106387 | 106391 | 106395 | 106399 | 106406 | 106407 | 106409 | 106410 | 106427 | 106432 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106434 | 106443 | 106454 | 106462 | 106468 | 106472 | 106473 | 106476 | 106487 | 106500 | 106507 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106508 | 106510 | 106514 | 106517 | 106522 | 106524 | 106528 | 106532 | 106535 | 106541 | 106546 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 106550 | 106566 | 106567 | 106568 | 106573 | 106574 | 106580 | 106581 | 106585 | 106596 | 106611 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106621 | 106622 | 106624 | 106627 | 106631 | 106637 | 106639 | 106642 | 106643 | 106658 | 106665 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106671 | 106672 | 106673 | 106675 | 106679 | 106691 | 106692 | 106697 | 106702 | 106710 | 106711 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106715 | 106719 | 106726 | 106729 | 106730 | 106731 | 106732 | 106734 | 106741 | 106752 | 106754 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106755 | 106756 | 106760 | 106761 | 106765 | 106774 | 106778 | 106786 | 106789 | 106790 | 106792 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 106795 | 106803 | 106807 | 106813 | 106816 | 106819 | 106822 | 106825 | 106831 | 106839 | 106845 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106847 | 106848 | 106850 | 106856 | 106859 | 106864 | 106867 | 106877 | 106880 | 106882 | 106895 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 106902 | 106904 | 106916 | 106918 | 106920 | 106924 | 106925 | 106930 | 106933 | 106944 | 106945 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 106950 | 106955 | 106962 | 106969 | 106979 | 106980 | 106985 | 106999 | 107013 | 107016 | 107018 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 107019 | 107027 | 107029 | 107030 | 107033 | 107035 | 107038 | 107039 | 107044 | 107052 | 107054 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 107058 | 107059 | 107063 | 107079 | 107080 | 107083 | 107085 | 107096 | 107097 | 107098 | 107113 |
| ## | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      |
| ## | 107114 | 107123 | 107124 | 107141 | 107145 | 107147 | 107148 | 107152 | 107156 | 107161 | 107162 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 107163 | 107165 | 107173 | 107190 | 107193 | 107202 | 107208 | 107209 | 107218 | 107219 | 107224 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 107237 | 107249 | 107257 | 107267 | 107268 | 107280 | 107283 | 107284 | 107285 | 107286 | 107294 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 107301 | 107303 | 107309 | 107310 | 107315 | 107317 | 107319 | 107321 | 107322 | 107323 | 107325 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 107327 | 107328 | 107329 | 107333 | 107338 | 107342 | 107343 | 107344 | 107357 | 107358 | 107360 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 107367 | 107368 | 107369 | 107376 | 107380 | 107384 | 107389 | 107390 | 107399 | 107402 | 107403 |
| ## | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 107406 | 107409 | 107419 | 107420 | 107422 | 107425 | 107430 | 107434 | 107442 | 107443 | 107454 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 0      |
| ## | 107457 | 107470 | 107471 | 107473 | 107474 | 107476 | 107480 | 107483 | 107491 | 107494 | 107496 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 107498 | 107502 | 107503 | 107508 | 107512 | 107515 | 107520 | 107522 | 107528 | 107531 | 107536 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 107538 | 107545 | 107546 | 107548 | 107559 | 107562 | 107565 | 107569 | 107570 | 107571 | 107579 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 107582 | 107588 | 107596 | 107598 | 107602 | 107603 | 107604 | 107607 | 107608 | 107623 | 107625 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 107626 | 107633 | 107638 | 107641 | 107647 | 107652 | 107653 | 107655 | 107658 | 107660 | 107662 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 107664 | 107665 | 107668 | 107670 | 107679 | 107682 | 107695 | 107698 | 107711 | 107715 | 107731 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      |
| ## | 107734 | 107736 | 107737 | 107738 | 107741 | 107742 | 107745 | 107746 | 107756 | 107758 | 107771 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 107776 | 107782 | 107792 | 107795 | 107796 | 107798 | 107800 | 107801 | 107808 | 107809 | 107810 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      |
| ## | 107815 | 107826 | 107828 | 107836 | 107838 | 107843 | 107850 | 107858 | 107868 | 107870 | 107875 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 107885 | 107887 | 107888 | 107889 | 107892 | 107897 | 107899 | 107906 | 107910 | 107911 | 107915 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 107917 | 107919 | 107921 | 107934 | 107941 | 107944 | 107946 | 107948 | 107953 | 107955 | 107958 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 107966 | 107975 | 107977 | 107980 | 107984 | 107988 | 107995 | 107998 | 108010 | 108017 | 108021 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 108024 | 108026 | 108027 | 108030 | 108034 | 108035 | 108036 | 108037 | 108041 | 108052 | 108053 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 108056 | 108059 | 108060 | 108061 | 108065 | 108066 | 108071 | 108075 | 108079 | 108084 | 108085 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 108093 | 108099 | 108101 | 108106 | 108113 | 108117 | 108163 | 108168 | 108181 | 108182 | 108185 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 108200 | 108202 | 108211 | 108212 | 108213 | 108214 | 108224 | 108225 | 108227 | 108241 | 108243 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 108245 | 108252 | 108258 | 108263 | 108265 | 108269 | 108275 | 108291 | 108297 | 108299 | 108307 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 108318 | 108320 | 108322 | 108323 | 108326 | 108328 | 108335 | 108336 | 108339 | 108342 | 108343 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 108349 | 108352 | 108361 | 108363 | 108365 | 108373 | 108374 | 108375 | 108376 | 108382 | 108389 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 108396 | 108399 | 108402 | 108410 | 108417 | 108418 | 108423 | 108424 | 108425 | 108429 | 108430 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 108436 | 108443 | 108448 | 108453 | 108454 | 108456 | 108461 | 108467 | 108476 | 108479 | 108480 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 108493 | 108497 | 108499 | 108502 | 108506 | 108507 | 108509 | 108515 | 108518 | 108529 | 108534 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 108537 | 108538 | 108540 | 108542 | 108547 | 108552 | 108554 | 108558 | 108565 | 108578 | 108581 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 108583 | 108588 | 108596 | 108597 | 108598 | 108606 | 108609 | 108610 | 108611 | 108614 | 108615 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 108616 | 108625 | 108632 | 108634 | 108636 | 108642 | 108665 | 108671 | 108672 | 108673 | 108676 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 108682 | 108688 | 108689 | 108691 | 108699 | 108702 | 108711 | 108720 | 108729 | 108731 | 108739 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 108744 | 108748 | 108749 | 108755 | 108759 | 108761 | 108764 | 108767 | 108770 | 108772 | 108782 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 108786 | 108787 | 108789 | 108793 | 108812 | 108822 | 108824 | 108825 | 108829 | 108832 | 108842 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 108854 | 108864 | 108885 | 108887 | 108890 | 108893 | 108896 | 108905 | 108913 | 108915 | 108925 |
| ## | 1      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 1      |
| ## | 108938 | 108941 | 108946 | 108947 | 108951 | 108952 | 108959 | 108961 | 108964 | 108969 | 108972 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 108973 | 108974 | 108979 | 108980 | 109000 | 109002 | 109007 | 109013 | 109019 | 109021 | 109025 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 109034 | 109043 | 109050 | 109057 | 109066 | 109070 | 109072 | 109073 | 109074 | 109077 | 109078 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 109082 | 109086 | 109087 | 109088 | 109091 | 109095 | 109096 | 109101 | 109102 | 109107 | 109109 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 109110 | 109118 | 109122 | 109126 | 109136 | 109138 | 109141 | 109149 | 109150 | 109155 | 109170 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 109171 | 109176 | 109178 | 109181 | 109182 | 109188 | 109191 | 109194 | 109195 | 109199 | 109201 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 109202 | 109216 | 109218 | 109220 | 109226 | 109245 | 109247 | 109256 | 109260 | 109270 | 109271 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 1      |
| ## | 109274 | 109279 | 109302 | 109312 | 109314 | 109316 | 109320 | 109321 | 109322 | 109328 | 109336 |
| ## | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 109337 | 109343 | 109355 | 109357 | 109361 | 109365 | 109367 | 109368 | 109371 | 109376 | 109380 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 0      |
| ## | 109382 | 109386 | 109391 | 109395 | 109398 | 109399 | 109405 | 109410 | 109411 | 109412 | 109415 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 109417 | 109419 | 109421 | 109431 | 109432 | 109433 | 109439 | 109440 | 109441 | 109452 | 109457 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 109458 | 109459 | 109462 | 109469 | 109472 | 109475 | 109481 | 109484 | 109488 | 109490 | 109493 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 109506 | 109507 | 109509 | 109510 | 109514 | 109517 | 109519 | 109522 | 109524 | 109528 | 109529 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 109530 | 109538 | 109544 | 109549 | 109551 | 109556 | 109559 | 109562 | 109571 | 109572 | 109573 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 109580 | 109585 | 109589 | 109594 | 109597 | 109602 | 109603 | 109611 | 109617 | 109618 | 109621 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 109631 | 109633 | 109635 | 109637 | 109645 | 109647 | 109648 | 109658 | 109660 | 109661 | 109663 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 109670 | 109671 | 109676 | 109678 | 109684 | 109689 | 109701 | 109704 | 109716 | 109720 | 109723 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 109728 | 109729 | 109733 | 109739 | 109751 | 109752 | 109755 | 109760 | 109762 | 109771 | 109778 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 109779 | 109785 | 109798 | 109801 | 109802 | 109812 | 109818 | 109821 | 109824 | 109829 | 109830 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 109842 | 109847 | 109850 | 109851 | 109858 | 109863 | 109871 | 109888 | 109894 | 109895 | 109899 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 109912 | 109914 | 109916 | 109921 | 109923 | 109924 | 109925 | 109938 | 109939 | 109942 | 109948 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 109949 | 109950 | 109960 | 109964 | 109969 | 109997 | 110008 | 110016 | 110022 | 110025 | 110028 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 110029 | 110032 | 110033 | 110034 | 110036 | 110037 | 110040 | 110046 | 110051 | 110054 | 110070 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 110088 | 110090 | 110094 | 110102 | 110104 | 110107 | 110109 | 110114 | 110115 | 110120 | 110122 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 110136 | 110143 | 110144 | 110145 | 110148 | 110150 | 110165 | 110167 | 110171 | 110172 | 110183 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 110189 | 110210 | 110218 | 110226 | 110236 | 110237 | 110238 | 110241 | 110245 | 110253 | 110257 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 110259 | 110265 | 110267 | 110268 | 110272 | 110281 | 110286 | 110290 | 110293 | 110296 | 110307 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 110314 | 110322 | 110325 | 110329 | 110337 | 110340 | 110344 | 110346 | 110348 | 110360 | 110361 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 110362 | 110374 | 110376 | 110381 | 110390 | 110392 | 110398 | 110399 | 110402 | 110404 | 110408 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 110410 | 110411 | 110418 | 110422 | 110429 | 110440 | 110457 | 110458 | 110465 | 110466 | 110499 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 110507 | 110509 | 110515 | 110520 | 110524 | 110528 | 110529 | 110530 | 110532 | 110542 | 110543 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 110548 | 110565 | 110566 | 110573 | 110581 | 110584 | 110587 | 110591 | 110599 | 110606 | 110609 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 110612 | 110614 | 110618 | 110619 | 110623 | 110629 | 110638 | 110641 | 110646 | 110653 | 110654 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      |
| ## | 110660 | 110661 | 110671 | 110673 | 110675 | 110676 | 110677 | 110680 | 110685 | 110690 | 110693 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 1      | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 110697 | 110700 | 110709 | 110711 | 110717 | 110723 | 110724 | 110728 | 110729 | 110730 | 110734 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 1      | 1      |
| ## | 110736 | 110737 | 110740 | 110746 | 110747 | 110750 | 110752 | 110760 | 110766 | 110767 | 110768 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 110769 | 110770 | 110771 | 110772 | 110775 | 110790 | 110795 | 110802 | 110803 | 110813 | 110821 |
| ## | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 1      | 1      |
| ## | 110823 | 110825 | 110829 | 110830 | 110831 | 110834 | 110840 | 110842 | 110852 | 110853 | 110862 |
| ## | 0      | 1      | 0      | 1      | 0      | 1      | 1      | 0      | 1      | 1      | 0      |
| ## | 110864 | 110865 | 110871 | 110872 | 110874 | 110878 | 110885 | 110888 | 110890 | 110894 | 110895 |
| ## | 1      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 1      |
| ## | 110897 | 110901 | 110905 | 110909 | 110916 | 110926 | 110928 | 110938 | 110941 | 110948 | 110952 |
| ## | 1      | 0      | 1      | 1      | 0      | 0      | 1      | 1      | 1      | 0      | 0      |
| ## | 110953 | 110968 | 110969 | 110982 | 110989 | 110991 | 110995 | 110998 | 110999 | 111007 | 111009 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 1      |
| ## | 111017 | 111030 | 111034 | 111038 | 111039 | 111042 | 111049 | 111053 | 111054 | 111061 | 111062 |
| ## | 1      | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 1      |
| ## | 111067 | 111071 | 111078 | 111083 | 111087 | 111089 | 111094 | 111098 | 111101 | 111111 | 111123 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 111124 | 111137 | 111139 | 111141 | 111145 | 111147 | 111150 | 111153 | 111159 | 111169 | 111171 |
| ## | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 111182 | 111184 | 111185 | 111189 | 111190 | 111194 | 111198 | 111207 | 111209 | 111210 | 111216 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 1      | 1      | 0      | 0      |
| ## | 111221 | 111224 | 111226 | 111231 | 111234 | 111236 | 111237 | 111238 | 111241 | 111243 | 111247 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 111252 | 111261 | 111267 | 111281 | 111282 | 111283 | 111316 | 111317 | 111329 | 111332 | 111333 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 111337 | 111338 | 111339 | 111345 | 111346 | 111350 | 111353 | 111361 | 111367 | 111374 | 111375 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 111376 | 111399 | 111405 | 111407 | 111422 | 111423 | 111424 | 111425 | 111427 | 111430 | 111438 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 111439 | 111441 | 111446 | 111454 | 111458 | 111461 | 111470 | 111485 | 111486 | 111498 | 111508 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 111509 | 111510 | 111511 | 111512 | 111513 | 111514 | 111516 | 111524 | 111529 | 111537 | 111539 |
| ## | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 0      | 1      | 1      | 1      |
| ## | 111542 | 111557 | 111560 | 111563 | 111588 | 111594 | 111600 | 111602 | 111610 | 111616 | 111618 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 1      |
| ## | 111621 | 111622 | 111627 | 111629 | 111633 | 111648 | 111649 | 111655 | 111664 | 111674 | 111677 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 1      | 1      |
| ## | 111680 | 111683 | 111695 | 111697 | 111699 | 111708 | 111710 | 111711 | 111716 | 111725 | 111727 |
| ## | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 111729 | 111739 | 111740 | 111742 | 111743 | 111755 | 111757 | 111759 | 111766 | 111767 | 111771 |
| ## | 1      | 0      | 1      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 1      |
| ## | 111787 | 111788 | 111791 | 111793 | 111795 | 111800 | 111804 | 111805 | 111809 | 111812 | 111818 |
| ## | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 1      |
| ## | 111819 | 111824 | 111827 | 111836 | 111837 | 111870 | 111878 | 111879 | 111881 | 111888 | 111890 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 1      |
| ## | 111898 | 111900 | 111905 | 111910 | 111920 | 111935 | 111939 | 111941 | 111943 | 111944 | 111947 |
| ## | 1      | 1      | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 0      | 1      |
| ## | 111961 | 111964 | 111966 | 111972 | 111974 | 111984 | 111988 | 111992 | 111994 | 111995 | 111996 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 112003 | 112015 | 112019 | 112027 | 112029 | 112032 | 112034 | 112038 | 112040 | 112043 | 112048 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 112051 | 112058 | 112060 | 112061 | 112069 | 112078 | 112088 | 112097 | 112098 | 112099 | 112100 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 112111 | 112118 | 112120 | 112125 | 112126 | 112128 | 112136 | 112144 | 112148 | 112151 | 112161 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 112194 | 112195 | 112198 | 112201 | 112203 | 112213 | 112217 | 112223 | 112225 | 112232 | 112242 |
| ## | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 112257 | 112262 | 112264 | 112268 | 112270 | 112271 | 112285 | 112293 | 112308 | 112312 | 112322 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 112329 | 112331 | 112333 | 112334 | 112336 | 112337 | 112340 | 112350 | 112351 | 112357 | 112370 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 112373 | 112378 | 112380 | 112389 | 112392 | 112395 | 112397 | 112399 | 112403 | 112408 | 112419 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 112422 | 112423 | 112432 | 112435 | 112450 | 112455 | 112457 | 112458 | 112459 | 112474 | 112475 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 112477 | 112478 | 112485 | 112486 | 112489 | 112491 | 112501 | 112506 | 112522 | 112523 | 112529 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 112531 | 112532 | 112538 | 112542 | 112548 | 112560 | 112562 | 112565 | 112566 | 112567 | 112568 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 112570 | 112578 | 112589 | 112592 | 112606 | 112607 | 112629 | 112630 | 112637 | 112645 | 112648 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 112651 | 112653 | 112663 | 112664 | 112667 | 112686 | 112691 | 112692 | 112693 | 112698 | 112699 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 112701 | 112704 | 112705 | 112710 | 112711 | 112712 | 112713 | 112714 | 112728 | 112733 | 112734 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 112735 | 112740 | 112741 | 112743 | 112746 | 112752 | 112755 | 112756 | 112759 | 112767 | 112775 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 112779 | 112782 | 112789 | 112792 | 112795 | 112799 | 112803 | 112804 | 112808 | 112812 | 112825 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 112829 | 112834 | 112837 | 112839 | 112853 | 112858 | 112863 | 112872 | 112873 | 112875 | 112877 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 112891 | 112892 | 112907 | 112913 | 112915 | 112920 | 112930 | 112931 | 112932 | 112937 | 112940 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 112943 | 112945 | 112948 | 112950 | 112951 | 112952 | 112960 | 112966 | 112969 | 112977 | 112980 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 112996 | 112998 | 113005 | 113010 | 113014 | 113020 | 113021 | 113026 | 113027 | 113033 | 113037 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 113048 | 113057 | 113065 | 113069 | 113071 | 113088 | 113092 | 113123 | 113129 | 113141 | 113142 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 113149 | 113152 | 113156 | 113157 | 113164 | 113171 | 113175 | 113178 | 113179 | 113186 | 113191 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 113207 | 113208 | 113212 | 113218 | 113223 | 113227 | 113228 | 113229 | 113232 | 113233 | 113239 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 113260 | 113263 | 113265 | 113270 | 113275 | 113278 | 113279 | 113284 | 113287 | 113291 | 113310 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 113315 | 113325 | 113331 | 113341 | 113342 | 113355 | 113356 | 113359 | 113360 | 113364 | 113365 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 113367 | 113369 | 113370 | 113387 | 113396 | 113403 | 113409 | 113410 | 113432 | 113433 | 113435 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 113442 | 113444 | 113445 | 113450 | 113456 | 113459 | 113460 | 113461 | 113466 | 113487 | 113491 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 113494 | 113503 | 113504 | 113511 | 113512 | 113520 | 113522 | 113524 | 113528 | 113536 | 113540 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 113544 | 113549 | 113552 | 113554 | 113555 | 113559 | 113568 | 113572 | 113573 | 113576 | 113578 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 113584 | 113586 | 113591 | 113592 | 113602 | 113611 | 113622 | 113627 | 113634 | 113646 | 113647 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 113659 | 113660 | 113663 | 113670 | 113677 | 113681 | 113689 | 113695 | 113700 | 113706 | 113717 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 113719 | 113727 | 113728 | 113729 | 113731 | 113740 | 113743 | 113745 | 113747 | 113748 | 113756 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 113758 | 113770 | 113771 | 113774 | 113775 | 113777 | 113778 | 113785 | 113790 | 113791 | 113798 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 113803 | 113805 | 113811 | 113815 | 113823 | 113829 | 113830 | 113844 | 113857 | 113861 | 113867 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 113880 | 113888 | 113891 | 113892 | 113895 | 113898 | 113904 | 113911 | 113920 | 113922 | 113925 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 113933 | 113938 | 113942 | 113944 | 113955 | 113956 | 113957 | 113962 | 113968 | 113969 | 113973 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 113975 | 113976 | 113978 | 113987 | 113991 | 113997 | 114004 | 114009 | 114011 | 114012 | 114013 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 114017 | 114022 | 114027 | 114032 | 114034 | 114042 | 114050 | 114052 | 114057 | 114060 | 114065 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 114066 | 114076 | 114077 | 114081 | 114092 | 114100 | 114101 | 114103 | 114130 | 114138 | 114141 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      |
| ## | 114145 | 114146 | 114160 | 114166 | 114167 | 114168 | 114170 | 114172 | 114177 | 114178 | 114180 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 114201 | 114205 | 114213 | 114220 | 114224 | 114232 | 114242 | 114248 | 114263 | 114269 | 114276 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 114281 | 114285 | 114286 | 114290 | 114301 | 114308 | 114309 | 114310 | 114322 | 114328 | 114330 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 114337 | 114339 | 114357 | 114367 | 114372 | 114376 | 114381 | 114390 | 114395 | 114404 | 114413 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 114414 | 114422 | 114426 | 114427 | 114433 | 114435 | 114447 | 114450 | 114455 | 114457 | 114459 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 114460 | 114463 | 114471 | 114472 | 114478 | 114492 | 114496 | 114500 | 114505 | 114506 | 114510 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 114512 | 114515 | 114521 | 114526 | 114528 | 114539 | 114544 | 114549 | 114554 | 114559 | 114562 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 114566 | 114568 | 114576 | 114587 | 114588 | 114589 | 114591 | 114598 | 114599 | 114602 | 114608 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 114609 | 114611 | 114615 | 114620 | 114632 | 114638 | 114640 | 114653 | 114655 | 114658 | 114665 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 114667 | 114681 | 114682 | 114688 | 114696 | 114709 | 114720 | 114723 | 114727 | 114729 | 114734 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 114738 | 114739 | 114740 | 114751 | 114752 | 114753 | 114755 | 114760 | 114763 | 114765 | 114766 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 114767 | 114768 | 114769 | 114789 | 114793 | 114802 | 114805 | 114806 | 114828 | 114830 | 114837 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 114845 | 114848 | 114852 | 114855 | 114856 | 114857 | 114859 | 114865 | 114866 | 114876 | 114878 |
| ## | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 1      | 0      | 1      | 1      |
| ## | 114881 | 114882 | 114885 | 114890 | 114895 | 114897 | 114913 | 114914 | 114915 | 114920 | 114924 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 114930 | 114944 | 114954 | 114968 | 114969 | 114973 | 114974 | 114975 | 114979 | 114983 | 114985 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 114987 | 114990 | 114998 | 115004 | 115015 | 115023 | 115026 | 115030 | 115031 | 115032 | 115033 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 115036 | 115038 | 115040 | 115042 | 115044 | 115047 | 115049 | 115050 | 115053 | 115056 | 115062 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 115083 | 115093 | 115094 | 115103 | 115107 | 115113 | 115119 | 115129 | 115130 | 115143 | 115153 |



|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 115162 | 115164 | 115172 | 115173 | 115176 | 115179 | 115182 | 115184 | 115187 | 115190 | 115204 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 115206 | 115207 | 115208 | 115209 | 115211 | 115212 | 115215 | 115225 | 115233 | 115236 | 115238 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 115250 | 115254 | 115261 | 115265 | 115266 | 115270 | 115276 | 115287 | 115292 | 115293 | 115296 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 115299 | 115304 | 115309 | 115313 | 115318 | 115321 | 115322 | 115325 | 115332 | 115337 | 115339 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 1      |
| ## | 115347 | 115352 | 115359 | 115369 | 115370 | 115371 | 115372 | 115374 | 115376 | 115385 | 115391 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 115395 | 115398 | 115406 | 115409 | 115411 | 115414 | 115420 | 115422 | 115425 | 115438 | 115439 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 115444 | 115448 | 115450 | 115455 | 115460 | 115463 | 115464 | 115465 | 115466 | 115468 | 115469 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 115472 | 115473 | 115484 | 115491 | 115494 | 115496 | 115504 | 115512 | 115516 | 115520 | 115535 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 115536 | 115537 | 115558 | 115566 | 115569 | 115582 | 115584 | 115587 | 115595 | 115597 | 115600 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 115611 | 115620 | 115628 | 115636 | 115638 | 115640 | 115641 | 115642 | 115645 | 115649 | 115655 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 115670 | 115672 | 115673 | 115676 | 115677 | 115678 | 115683 | 115684 | 115686 | 115691 | 115707 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 115709 | 115713 | 115718 | 115721 | 115723 | 115729 | 115739 | 115744 | 115749 | 115750 | 115761 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 115764 | 115775 | 115789 | 115802 | 115810 | 115812 | 115815 | 115817 | 115819 | 115828 | 115835 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 115839 | 115851 | 115856 | 115858 | 115860 | 115866 | 115867 | 115871 | 115879 | 115882 | 115891 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 115892 | 115894 | 115896 | 115899 | 115900 | 115901 | 115905 | 115906 | 115907 | 115908 | 115915 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 115926 | 115933 | 115936 | 115938 | 115944 | 115947 | 115949 | 115952 | 115953 | 115954 | 115963 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 115974 | 115976 | 115978 | 115981 | 115985 | 115988 | 115993 | 116002 | 116015 | 116019 | 116028 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 116033 | 116034 | 116040 | 116042 | 116048 | 116054 | 116073 | 116077 | 116085 | 116087 | 116091 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 116110 | 116112 | 116113 | 116120 | 116121 | 116131 | 116132 | 116139 | 116141 | 116155 | 116178 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 116183 | 116185 | 116186 | 116190 | 116196 | 116205 | 116208 | 116209 | 116218 | 116220 | 116225 |
| ## | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 1      | 1      | 0      |
| ## | 116230 | 116233 | 116252 | 116253 | 116257 | 116267 | 116270 | 116282 | 116306 | 116308 | 116317 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 116320 | 116321 | 116324 | 116331 | 116344 | 116350 | 116351 | 116352 | 116360 | 116366 | 116372 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 116380 | 116385 | 116387 | 116405 | 116406 | 116408 | 116416 | 116418 | 116419 | 116421 | 116426 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 116431 | 116432 | 116435 | 116442 | 116455 | 116457 | 116458 | 116464 | 116476 | 116482 | 116483 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 116485 | 116495 | 116497 | 116503 | 116507 | 116519 | 116522 | 116535 | 116538 | 116551 | 116554 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 116563 | 116572 | 116576 | 116589 | 116605 | 116607 | 116611 | 116628 | 116634 | 116635 | 116640 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 0      |
| ## | 116643 | 116644 | 116647 | 116648 | 116649 | 116655 | 116657 | 116661 | 116673 | 116675 | 116680 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 116681 | 116682 | 116687 | 116691 | 116694 | 116698 | 116702 | 116705 | 116709 | 116714 | 116715 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 116721 | 116726 | 116730 | 116731 | 116745 | 116749 | 116750 | 116751 | 116754 | 116762 | 116785 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      |
| ## | 116791 | 116792 | 116796 | 116798 | 116808 | 116815 | 116816 | 116818 | 116826 | 116829 | 116830 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 116844 | 116846 | 116852 | 116853 | 116855 | 116856 | 116857 | 116858 | 116876 | 116880 | 116884 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 116888 | 116893 | 116894 | 116897 | 116900 | 116903 | 116910 | 116914 | 116915 | 116917 | 116918 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 116923 | 116925 | 116953 | 116960 | 116963 | 116964 | 116965 | 116967 | 116970 | 116977 | 116989 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 116994 | 116999 | 117001 | 117008 | 117010 | 117013 | 117016 | 117019 | 117021 | 117038 | 117044 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 117058 | 117061 | 117065 | 117067 | 117069 | 117071 | 117075 | 117076 | 117101 | 117104 | 117106 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 117107 | 117110 | 117115 | 117124 | 117125 | 117126 | 117134 | 117143 | 117154 | 117166 | 117174 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 117176 | 117184 | 117185 | 117186 | 117204 | 117212 | 117213 | 117229 | 117231 | 117232 | 117234 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 117247 | 117250 | 117254 | 117256 | 117260 | 117262 | 117263 | 117264 | 117270 | 117281 | 117288 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 117289 | 117290 | 117291 | 117292 | 117296 | 117298 | 117304 | 117307 | 117318 | 117323 | 117330 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 117334 | 117337 | 117338 | 117340 | 117367 | 117370 | 117371 | 117375 | 117396 | 117401 | 117402 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 117408 | 117410 | 117412 | 117413 | 117415 | 117419 | 117423 | 117424 | 117425 | 117427 | 117430 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 117434 | 117439 | 117452 | 117457 | 117462 | 117468 | 117470 | 117474 | 117480 | 117484 | 117487 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 117489 | 117496 | 117507 | 117508 | 117509 | 117512 | 117514 | 117515 | 117518 | 117525 | 117527 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 117528 | 117532 | 117536 | 117560 | 117561 | 117562 | 117566 | 117567 | 117574 | 117576 | 117578 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 117586 | 117591 | 117605 | 117612 | 117619 | 117620 | 117625 | 117626 | 117637 | 117640 | 117642 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 117643 | 117654 | 117657 | 117660 | 117672 | 117686 | 117690 | 117694 | 117695 | 117696 | 117702 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 117703 | 117704 | 117710 | 117716 | 117717 | 117720 | 117729 | 117737 | 117742 | 117752 | 117757 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 117759 | 117764 | 117767 | 117769 | 117776 | 117784 | 117795 | 117804 | 117808 | 117816 | 117821 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 117830 | 117840 | 117843 | 117846 | 117850 | 117851 | 117852 | 117856 | 117862 | 117868 | 117872 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 117875 | 117876 | 117877 | 117878 | 117882 | 117884 | 117885 | 117887 | 117890 | 117892 | 117897 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 117903 | 117914 | 117927 | 117932 | 117934 | 117938 | 117939 | 117947 | 117948 | 117951 | 117954 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 117959 | 117963 | 117990 | 117992 | 117993 | 117996 | 117997 | 118002 | 118008 | 118011 | 118012 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 1      |
| ## | 118013 | 118018 | 118023 | 118024 | 118025 | 118037 | 118040 | 118046 | 118049 | 118050 | 118069 |
| ## | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 118070 | 118074 | 118075 | 118076 | 118096 | 118103 | 118105 | 118106 | 118108 | 118113 | 118117 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 0      |
| ## | 118123 | 118124 | 118128 | 118131 | 118136 | 118138 | 118141 | 118143 | 118162 | 118167 | 118173 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 118180 | 118183 | 118186 | 118187 | 118192 | 118210 | 118212 | 118214 | 118218 | 118222 | 118225 |
| ## | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 1      | 0      | 1      | 0      |
| ## | 118226 | 118229 | 118233 | 118235 | 118237 | 118240 | 118242 | 118250 | 118251 | 118260 | 118279 |
| ## | 1      | 1      | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 118282 | 118284 | 118290 | 118291 | 118299 | 118310 | 118311 | 118321 | 118334 | 118348 | 118359 |
| ## | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 1      | 1      | 1      | 1      |
| ## | 118360 | 118365 | 118371 | 118373 | 118375 | 118376 | 118377 | 118380 | 118382 | 118384 | 118391 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 118397 | 118405 | 118415 | 118419 | 118424 | 118428 | 118434 | 118435 | 118436 | 118441 | 118448 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 118449 | 118453 | 118454 | 118458 | 118460 | 118463 | 118466 | 118468 | 118475 | 118476 | 118482 |
| ## | 0      | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 1      |
| ## | 118501 | 118503 | 118504 | 118519 | 118520 | 118521 | 118525 | 118532 | 118536 | 118551 | 118560 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      |
| ## | 118564 | 118570 | 118572 | 118574 | 118575 | 118590 | 118596 | 118610 | 118616 | 118621 | 118641 |
| ## | 1      | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 0      |
| ## | 118648 | 118659 | 118660 | 118665 | 118671 | 118674 | 118675 | 118677 | 118680 | 118681 | 118692 |
| ## | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 118705 | 118712 | 118713 | 118714 | 118715 | 118720 | 118722 | 118724 | 118733 | 118741 | 118743 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 118746 | 118748 | 118759 | 118764 | 118768 | 118770 | 118774 | 118784 | 118785 | 118790 | 118796 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 118797 | 118808 | 118810 | 118816 | 118822 | 118824 | 118826 | 118833 | 118838 | 118840 | 118844 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      |
| ## | 118859 | 118861 | 118868 | 118877 | 118879 | 118880 | 118889 | 118909 | 118916 | 118926 | 118928 |
| ## | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 0      | 0      | 1      | 1      |
| ## | 118930 | 118931 | 118934 | 118936 | 118939 | 118940 | 118948 | 118963 | 118964 | 118977 | 118978 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 118986 | 118987 | 118990 | 118995 | 118996 | 119002 | 119004 | 119006 | 119011 | 119019 | 119020 |
| ## | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 119022 | 119035 | 119043 | 119044 | 119046 | 119052 | 119053 | 119062 | 119063 | 119065 | 119070 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 119071 | 119072 | 119077 | 119087 | 119096 | 119100 | 119115 | 119119 | 119122 | 119124 | 119129 |
| ## | 0      | 1      | 0      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 119130 | 119131 | 119135 | 119143 | 119144 | 119146 | 119153 | 119166 | 119170 | 119177 | 119178 |
| ## | 0      | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 119180 | 119183 | 119186 | 119196 | 119206 | 119208 | 119211 | 119214 | 119227 | 119240 | 119253 |
| ## | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 119254 | 119257 | 119286 | 119288 | 119290 | 119292 | 119299 | 119310 | 119316 | 119317 | 119321 |
| ## | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 0      | 0      | 1      | 0      |
| ## | 119325 | 119336 | 119339 | 119340 | 119342 | 119343 | 119351 | 119354 | 119358 | 119361 | 119372 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 119375 | 119380 | 119387 | 119392 | 119402 | 119403 | 119415 | 119431 | 119432 | 119435 | 119438 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 119440 | 119446 | 119451 | 119458 | 119462 | 119464 | 119468 | 119473 | 119480 | 119485 | 119487 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 119498 | 119500 | 119510 | 119518 | 119519 | 119525 | 119529 | 119530 | 119535 | 119539 | 119543 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 119545 | 119553 | 119559 | 119589 | 119593 | 119607 | 119608 | 119614 | 119619 | 119623 | 119662 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 119668 | 119669 | 119670 | 119671 | 119677 | 119684 | 119686 | 119692 | 119694 | 119707 | 119710 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 119712 | 119714 | 119715 | 119717 | 119722 | 119728 | 119737 | 119740 | 119744 | 119750 | 119751 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 119753 | 119756 | 119757 | 119760 | 119763 | 119773 | 119779 | 119783 | 119784 | 119793 | 119794 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 119797 | 119805 | 119811 | 119815 | 119823 | 119826 | 119827 | 119833 | 119837 | 119839 | 119840 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 119845 | 119854 | 119875 | 119878 | 119883 | 119885 | 119894 | 119901 | 119903 | 119909 | 119919 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 119921 | 119927 | 119928 | 119930 | 119932 | 119933 | 119936 | 119940 | 119942 | 119944 | 119945 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 119949 | 119951 | 119954 | 119963 | 119967 | 119980 | 119983 | 119984 | 119995 | 120002 | 120025 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 120026 | 120029 | 120031 | 120046 | 120053 | 120055 | 120057 | 120060 | 120068 | 120070 | 120081 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 120082 | 120088 | 120096 | 120103 | 120104 | 120107 | 120111 | 120136 | 120144 | 120148 | 120156 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 120174 | 120176 | 120182 | 120206 | 120207 | 120213 | 120225 | 120227 | 120228 | 120233 | 120235 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 120238 | 120242 | 120258 | 120260 | 120263 | 120266 | 120271 | 120277 | 120280 | 120283 | 120288 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 120301 | 120303 | 120310 | 120323 | 120328 | 120332 | 120335 | 120336 | 120340 | 120347 | 120359 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 120364 | 120373 | 120374 | 120381 | 120384 | 120386 | 120393 | 120397 | 120402 | 120408 | 120412 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 120415 | 120417 | 120419 | 120420 | 120421 | 120422 | 120431 | 120433 | 120434 | 120454 | 120455 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 120465 | 120466 | 120472 | 120499 | 120501 | 120517 | 120520 | 120525 | 120527 | 120529 | 120539 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 120545 | 120547 | 120568 | 120573 | 120578 | 120580 | 120593 | 120612 | 120629 | 120635 | 120636 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 120645 | 120650 | 120651 | 120655 | 120671 | 120680 | 120684 | 120685 | 120686 | 120687 | 120689 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 120695 | 120696 | 120698 | 120711 | 120725 | 120734 | 120751 | 120763 | 120772 | 120780 | 120781 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 120782 | 120783 | 120787 | 120788 | 120793 | 120809 | 120815 | 120817 | 120825 | 120833 | 120834 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 120840 | 120841 | 120848 | 120856 | 120861 | 120868 | 120880 | 120886 | 120889 | 120890 | 120895 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 1      | 0      | 0      |
| ## | 120897 | 120898 | 120900 | 120904 | 120909 | 120914 | 120921 | 120924 | 120926 | 120943 | 120946 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 120947 | 120953 | 120955 | 120961 | 120962 | 120967 | 120968 | 120974 | 120985 | 120996 | 121003 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 121004 | 121006 | 121011 | 121014 | 121015 | 121026 | 121034 | 121039 | 121041 | 121056 | 121069 |
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 121071 | 121079 | 121087 | 121088 | 121090 | 121092 | 121096 | 121098 | 121109 | 121125 | 121126 |
| ## | 0      | 1      | 1      | 0      | 0      | 1      | 1      | 0      | 1      | 1      | 0      |
| ## | 121134 | 121136 | 121142 | 121151 | 121155 | 121160 | 121162 | 121177 | 121178 | 121179 | 121193 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 121197 | 121200 | 121201 | 121214 | 121216 | 121226 | 121244 | 121269 | 121278 | 121282 | 121286 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 121287 | 121291 | 121293 | 121299 | 121304 | 121306 | 121310 | 121319 | 121323 | 121326 | 121327 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 121333 | 121334 | 121335 | 121346 | 121347 | 121352 | 121354 | 121357 | 121358 | 121359 | 121361 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 121362 | 121363 | 121372 | 121374 | 121376 | 121377 | 121378 | 121381 | 121385 | 121387 | 121392 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 121396 | 121397 | 121399 | 121401 | 121404 | 121406 | 121412 | 121414 | 121426 | 121427 | 121430 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 121433 | 121434 | 121442 | 121446 | 121453 | 121456 | 121464 | 121480 | 121482 | 121502 | 121510 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      |
| ## | 121511 | 121514 | 121519 | 121526 | 121527 | 121529 | 121530 | 121533 | 121535 | 121543 | 121557 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 121561 | 121564 | 121576 | 121580 | 121590 | 121595 | 121605 | 121611 | 121619 | 121623 | 121624 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 121625 | 121626 | 121632 | 121634 | 121635 | 121638 | 121643 | 121645 | 121647 | 121656 | 121659 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 121660 | 121663 | 121668 | 121676 | 121678 | 121687 | 121694 | 121695 | 121698 | 121701 | 121707 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 121708 | 121710 | 121713 | 121715 | 121717 | 121719 | 121722 | 121733 | 121734 | 121740 | 121745 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 121750 | 121751 | 121758 | 121765 | 121766 | 121767 | 121769 | 121777 | 121788 | 121790 | 121793 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 121797 | 121802 | 121807 | 121814 | 121817 | 121818 | 121820 | 121821 | 121825 | 121828 | 121842 |
| ## | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 121846 | 121848 | 121849 | 121858 | 121863 | 121867 | 121873 | 121878 | 121887 | 121889 | 121891 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 121896 | 121910 | 121914 | 121916 | 121917 | 121919 | 121922 | 121941 | 121947 | 121952 | 121957 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 121960 | 121962 | 121966 | 121971 | 121975 | 121977 | 121978 | 121981 | 121984 | 121985 | 121991 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 121996 | 121997 | 122024 | 122027 | 122036 | 122039 | 122045 | 122055 | 122058 | 122063 | 122064 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 122073 | 122080 | 122081 | 122085 | 122088 | 122092 | 122103 | 122111 | 122116 | 122121 | 122122 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 122124 | 122130 | 122136 | 122138 | 122147 | 122155 | 122156 | 122169 | 122171 | 122212 | 122213 |
| ## | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 122222 | 122231 | 122251 | 122260 | 122262 | 122267 | 122272 | 122276 | 122286 | 122287 | 122289 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 122292 | 122293 | 122294 | 122304 | 122308 | 122310 | 122315 | 122317 | 122331 | 122332 | 122346 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 122347 | 122349 | 122360 | 122363 | 122366 | 122374 | 122375 | 122388 | 122394 | 122403 | 122420 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 122422 | 122438 | 122439 | 122440 | 122444 | 122449 | 122454 | 122456 | 122458 | 122465 | 122466 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 122479 | 122482 | 122486 | 122489 | 122494 | 122501 | 122504 | 122506 | 122510 | 122513 | 122523 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 122531 | 122537 | 122543 | 122544 | 122546 | 122554 | 122564 | 122568 | 122570 | 122574 | 122584 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 122585 | 122587 | 122588 | 122592 | 122599 | 122602 | 122605 | 122613 | 122614 | 122619 | 122622 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 122623 | 122628 | 122634 | 122638 | 122643 | 122649 | 122653 | 122654 | 122656 | 122661 | 122679 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 122681 | 122684 | 122686 | 122687 | 122696 | 122698 | 122700 | 122707 | 122718 | 122722 | 122723 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 122725 | 122728 | 122731 | 122733 | 122735 | 122739 | 122745 | 122752 | 122762 | 122769 | 122774 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 122784 | 122786 | 122788 | 122794 | 122798 | 122806 | 122811 | 122820 | 122826 | 122827 | 122828 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 122833 | 122836 | 122848 | 122850 | 122860 | 122868 | 122881 | 122883 | 122884 | 122885 | 122886 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 122889 | 122891 | 122892 | 122900 | 122908 | 122915 | 122916 | 122919 | 122931 | 122932 | 122937 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 122939 | 122946 | 122953 | 122954 | 122955 | 122957 | 122958 | 122962 | 122970 | 122973 | 122978 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 122983 | 122987 | 122990 | 122993 | 122994 | 123004 | 123008 | 123010 | 123014 | 123023 | 123027 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 123028 | 123029 | 123030 | 123031 | 123039 | 123050 | 123062 | 123065 | 123066 | 123075 | 123079 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      |
| ## | 123084 | 123085 | 123089 | 123090 | 123095 | 123098 | 123106 | 123107 | 123109 | 123114 | 123116 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 123117 | 123118 | 123123 | 123142 | 123158 | 123165 | 123167 | 123173 | 123185 | 123188 | 123194 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 123197 | 123199 | 123201 | 123212 | 123213 | 123215 | 123216 | 123218 | 123219 | 123225 | 123226 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 123227 | 123234 | 123238 | 123240 | 123243 | 123251 | 123253 | 123254 | 123255 | 123256 | 123259 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 123261 | 123263 | 123274 | 123288 | 123294 | 123295 | 123312 | 123330 | 123343 | 123344 | 123366 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 123368 | 123371 | 123381 | 123402 | 123407 | 123410 | 123411 | 123414 | 123418 | 123436 | 123449 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 123456 | 123458 | 123460 | 123466 | 123467 | 123468 | 123470 | 123474 | 123478 | 123479 | 123480 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 123487 | 123494 | 123503 | 123504 | 123517 | 123523 | 123529 | 123530 | 123533 | 123535 | 123542 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 123548 | 123550 | 123551 | 123552 | 123559 | 123566 | 123571 | 123573 | 123574 | 123579 | 123580 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 123582 | 123593 | 123600 | 123608 | 123610 | 123611 | 123614 | 123618 | 123620 | 123622 | 123625 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 123627 | 123629 | 123630 | 123638 | 123645 | 123661 | 123664 | 123669 | 123673 | 123678 | 123692 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 123695 | 123701 | 123704 | 123715 | 123719 | 123730 | 123731 | 123734 | 123738 | 123739 | 123741 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 123745 | 123759 | 123764 | 123766 | 123767 | 123770 | 123774 | 123777 | 123785 | 123792 | 123798 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 123806 | 123813 | 123817 | 123819 | 123825 | 123838 | 123843 | 123845 | 123848 | 123855 | 123861 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 123868 | 123874 | 123881 | 123885 | 123891 | 123898 | 123907 | 123911 | 123917 | 123920 | 123921 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 123923 | 123926 | 123930 | 123935 | 123938 | 123939 | 123953 | 123960 | 123967 | 123970 | 123971 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 123973 | 123978 | 123985 | 123997 | 123998 | 124002 | 124011 | 124013 | 124014 | 124018 | 124025 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 124026 | 124028 | 124033 | 124036 | 124041 | 124044 | 124047 | 124053 | 124054 | 124058 | 124062 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 124064 | 124079 | 124081 | 124085 | 124089 | 124095 | 124099 | 124103 | 124108 | 124114 | 124126 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 124130 | 124131 | 124135 | 124139 | 124141 | 124148 | 124150 | 124159 | 124160 | 124163 | 124169 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 124170 | 124175 | 124183 | 124199 | 124222 | 124226 | 124228 | 124234 | 124238 | 124249 | 124251 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 124253 | 124255 | 124261 | 124279 | 124280 | 124281 | 124283 | 124284 | 124288 | 124290 | 124300 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 124303 | 124310 | 124312 | 124321 | 124323 | 124327 | 124332 | 124333 | 124336 | 124361 | 124368 |
| ## | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 124378 | 124381 | 124385 | 124388 | 124390 | 124392 | 124394 | 124396 | 124398 | 124399 | 124411 |
| ## | 0      | 1      | 1      | 1      | 0      | 0      | 1      | 1      | 0      | 1      | 0      |
| ## | 124414 | 124419 | 124428 | 124430 | 124431 | 124433 | 124441 | 124448 | 124452 | 124472 | 124475 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 124480 | 124481 | 124485 | 124488 | 124491 | 124495 | 124504 | 124506 | 124511 | 124512 | 124514 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 124529 | 124539 | 124542 | 124544 | 124550 | 124553 | 124554 | 124559 | 124562 | 124564 | 124566 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 124571 | 124573 | 124580 | 124597 | 124600 | 124604 | 124612 | 124614 | 124615 | 124626 | 124642 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 124643 | 124646 | 124648 | 124661 | 124669 | 124677 | 124682 | 124683 | 124686 | 124694 | 124697 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 124702 | 124727 | 124739 | 124742 | 124754 | 124758 | 124770 | 124774 | 124778 | 124781 | 124782 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 124790 | 124791 | 124802 | 124803 | 124811 | 124812 | 124815 | 124816 | 124817 | 124820 | 124832 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 124841 | 124850 | 124857 | 124858 | 124864 | 124868 | 124884 | 124885 | 124888 | 124893 | 124894 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 124896 | 124898 | 124902 | 124905 | 124906 | 124908 | 124924 | 124928 | 124930 | 124932 | 124939 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 124940 | 124945 | 124949 | 124964 | 124974 | 124979 | 124980 | 124981 | 124994 | 124996 | 124997 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 124998 | 124999 | 125004 | 125006 | 125008 | 125012 | 125013 | 125014 | 125016 | 125017 | 125028 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 125041 | 125045 | 125047 | 125055 | 125065 | 125071 | 125078 | 125080 | 125085 | 125086 | 125091 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 125092 | 125093 | 125098 | 125099 | 125105 | 125110 | 125120 | 125123 | 125136 | 125140 | 125148 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 125149 | 125161 | 125169 | 125170 | 125171 | 125175 | 125176 | 125184 | 125185 | 125209 | 125212 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 125213 | 125215 | 125217 | 125223 | 125230 | 125232 | 125242 | 125244 | 125250 | 125254 | 125263 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 125269 | 125276 | 125278 | 125286 | 125288 | 125289 | 125296 | 125305 | 125306 | 125314 | 125319 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 125321 | 125325 | 125328 | 125332 | 125333 | 125335 | 125338 | 125339 | 125340 | 125344 | 125345 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 125346 | 125352 | 125355 | 125356 | 125362 | 125367 | 125369 | 125372 | 125375 | 125379 | 125384 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 125400 | 125408 | 125418 | 125419 | 125422 | 125426 | 125430 | 125452 | 125459 | 125465 | 125473 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 125478 | 125479 | 125481 | 125482 | 125485 | 125491 | 125492 | 125493 | 125497 | 125502 | 125511 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 125512 | 125519 | 125530 | 125532 | 125546 | 125548 | 125557 | 125565 | 125573 | 125580 | 125581 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 125608 | 125610 | 125614 | 125615 | 125620 | 125621 | 125628 | 125640 | 125646 | 125648 | 125652 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 125653 | 125654 | 125660 | 125664 | 125674 | 125676 | 125679 | 125686 | 125691 | 125694 | 125705 |
| ## | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 125712 | 125714 | 125722 | 125724 | 125725 | 125729 | 125731 | 125735 | 125736 | 125740 | 125748 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 1      | 0      | 0      |
| ## | 125759 | 125765 | 125767 | 125772 | 125776 | 125779 | 125780 | 125784 | 125786 | 125788 | 125792 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 0      | 0      |
| ## | 125794 | 125795 | 125802 | 125810 | 125811 | 125819 | 125823 | 125826 | 125828 | 125832 | 125846 |
| ## | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 125855 | 125857 | 125861 | 125862 | 125869 | 125872 | 125877 | 125880 | 125884 | 125885 | 125896 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 125898 | 125905 | 125916 | 125921 | 125925 | 125936 | 125937 | 125938 | 125940 | 125949 | 125958 |
| ## | 1      | 1      | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 1      |
| ## | 125963 | 125964 | 125965 | 125967 | 125977 | 125984 | 125985 | 125989 | 125991 | 125995 | 125996 |
| ## | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 125998 | 126000 | 126005 | 126006 | 126010 | 126014 | 126017 | 126019 | 126026 | 126027 | 126030 |
| ## | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 126032 | 126033 | 126038 | 126046 | 126047 | 126049 | 126050 | 126053 | 126060 | 126063 | 126072 |
| ## | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 0      |
| ## | 126077 | 126078 | 126079 | 126083 | 126095 | 126099 | 126110 | 126112 | 126114 | 126117 | 126122 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 1      |
| ## | 126123 | 126124 | 126130 | 126131 | 126132 | 126136 | 126137 | 126139 | 126140 | 126142 | 126145 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      |
| ## | 126147 | 126148 | 126150 | 126153 | 126158 | 126159 | 126161 | 126165 | 126166 | 126175 | 126177 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 0      |
| ## | 126182 | 126185 | 126189 | 126191 | 126195 | 126198 | 126201 | 126205 | 126206 | 126229 | 126232 |
| ## | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 126237 | 126246 | 126250 | 126254 | 126260 | 126262 | 126266 | 126268 | 126270 | 126278 | 126279 |
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 126283 | 126285 | 126297 | 126301 | 126308 | 126310 | 126315 | 126335 | 126336 | 126337 | 126345 |
| ## | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 126346 | 126353 | 126356 | 126357 | 126360 | 126366 | 126369 | 126371 | 126372 | 126380 | 126382 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 126387 | 126388 | 126389 | 126391 | 126392 | 126394 | 126395 | 126397 | 126403 | 126408 | 126409 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 126423 | 126425 | 126427 | 126430 | 126432 | 126440 | 126442 | 126443 | 126444 | 126453 | 126459 |
| ## | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 1      |
| ## | 126463 | 126469 | 126485 | 126490 | 126495 | 126505 | 126507 | 126510 | 126515 | 126525 | 126526 |
| ## | 1      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 126529 | 126537 | 126541 | 126546 | 126548 | 126551 | 126560 | 126570 | 126572 | 126579 | 126586 |
| ## | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 1      | 1      |
| ## | 126588 | 126591 | 126593 | 126597 | 126602 | 126603 | 126604 | 126612 | 126613 | 126614 | 126617 |
| ## | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 1      |
| ## | 126632 | 126636 | 126654 | 126660 | 126663 | 126665 | 126667 | 126670 | 126672 | 126679 | 126685 |
| ## | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 1      | 1      |
| ## | 126686 | 126688 | 126698 | 126702 | 126718 | 126731 | 126745 | 126746 | 126752 | 126760 | 126763 |
| ## | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 126764 | 126768 | 126769 | 126774 | 126775 | 126776 | 126789 | 126790 | 126792 | 126796 | 126798 |
| ## | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 1      |
| ## | 126801 | 126804 | 126805 | 126806 | 126807 | 126808 | 126815 | 126821 | 126822 | 126823 | 126824 |
| ## | 1      | 1      | 1      | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 1      |
| ## | 126836 | 126838 | 126851 | 126867 | 126868 | 126869 | 126873 | 126884 | 126891 | 126897 | 126904 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 126908 | 126919 | 126929 | 126932 | 126943 | 126945 | 126957 | 126980 | 126985 | 126986 | 126989 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 126996 | 127002 | 127003 | 127016 | 127022 | 127025 | 127027 | 127028 | 127037 | 127042 | 127044 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 127045 | 127054 | 127058 | 127061 | 127065 | 127085 | 127087 | 127097 | 127098 | 127101 | 127107 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 127109 | 127117 | 127119 | 127121 | 127123 | 127125 | 127139 | 127153 | 127162 | 127165 | 127167 |



|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 127174 | 127178 | 127180 | 127182 | 127194 | 127196 | 127204 | 127206 | 127213 | 127214 | 127223 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 127224 | 127225 | 127228 | 127232 | 127235 | 127237 | 127238 | 127243 | 127246 | 127250 | 127253 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 127254 | 127260 | 127261 | 127262 | 127265 | 127270 | 127285 | 127291 | 127294 | 127300 | 127301 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 127309 | 127311 | 127314 | 127321 | 127322 | 127324 | 127326 | 127330 | 127333 | 127348 | 127358 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 127371 | 127372 | 127374 | 127380 | 127383 | 127385 | 127387 | 127389 | 127393 | 127396 | 127397 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 127403 | 127416 | 127427 | 127430 | 127431 | 127433 | 127437 | 127440 | 127442 | 127443 | 127446 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      |
| ## | 127447 | 127448 | 127453 | 127461 | 127462 | 127478 | 127481 | 127486 | 127493 | 127496 | 127497 |
| ## | 1      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 127501 | 127507 | 127516 | 127518 | 127522 | 127523 | 127524 | 127536 | 127543 | 127544 | 127546 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 127549 | 127551 | 127561 | 127563 | 127566 | 127570 | 127571 | 127576 | 127579 | 127601 | 127607 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 127612 | 127613 | 127622 | 127632 | 127637 | 127639 | 127647 | 127657 | 127679 | 127680 | 127681 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 127684 | 127685 | 127688 | 127695 | 127697 | 127700 | 127707 | 127712 | 127715 | 127718 | 127723 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 127725 | 127727 | 127733 | 127734 | 127736 | 127737 | 127744 | 127750 | 127752 | 127767 | 127770 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 127773 | 127778 | 127780 | 127781 | 127789 | 127802 | 127806 | 127807 | 127812 | 127818 | 127820 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 127826 | 127838 | 127855 | 127873 | 127875 | 127879 | 127880 | 127887 | 127897 | 127899 | 127903 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 127918 | 127921 | 127924 | 127925 | 127932 | 127937 | 127943 | 127946 | 127951 | 127959 | 127961 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 127966 | 127968 | 127980 | 127984 | 127991 | 127998 | 128004 | 128009 | 128013 | 128016 | 128020 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 128024 | 128030 | 128031 | 128033 | 128034 | 128036 | 128061 | 128063 | 128066 | 128067 | 128068 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 128083 | 128084 | 128085 | 128086 | 128103 | 128106 | 128108 | 128119 | 128130 | 128139 | 128141 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 128143 | 128146 | 128152 | 128162 | 128163 | 128170 | 128182 | 128183 | 128185 | 128187 | 128190 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 128191 | 128198 | 128204 | 128211 | 128212 | 128219 | 128230 | 128234 | 128235 | 128237 | 128241 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 128243 | 128253 | 128256 | 128257 | 128258 | 128260 | 128262 | 128266 | 128274 | 128275 | 128282 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 128286 | 128289 | 128291 | 128293 | 128298 | 128312 | 128314 | 128316 | 128318 | 128319 | 128322 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 0      |
| ## | 128324 | 128333 | 128334 | 128363 | 128370 | 128371 | 128372 | 128376 | 128377 | 128392 | 128396 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 128400 | 128401 | 128411 | 128415 | 128416 | 128418 | 128422 | 128425 | 128431 | 128437 | 128446 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 128447 | 128456 | 128467 | 128484 | 128485 | 128489 | 128490 | 128492 | 128500 | 128503 | 128508 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 128513 | 128514 | 128520 | 128525 | 128526 | 128528 | 128544 | 128546 | 128547 | 128558 | 128561 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 128572 | 128590 | 128592 | 128596 | 128602 | 128603 | 128605 | 128610 | 128611 | 128615 | 128616 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 128617 | 128620 | 128624 | 128629 | 128630 | 128635 | 128638 | 128639 | 128645 | 128651 | 128667 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 128674 | 128680 | 128681 | 128686 | 128687 | 128691 | 128703 | 128704 | 128705 | 128706 | 128707 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 128708 | 128718 | 128723 | 128724 | 128727 | 128732 | 128735 | 128736 | 128737 | 128738 | 128742 |
| ## | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 128748 | 128756 | 128767 | 128781 | 128789 | 128790 | 128793 | 128803 | 128813 | 128820 | 128821 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 128831 | 128832 | 128834 | 128842 | 128850 | 128852 | 128871 | 128880 | 128890 | 128894 | 128896 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 128899 | 128903 | 128910 | 128912 | 128913 | 128920 | 128927 | 128932 | 128934 | 128949 | 128967 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 128970 | 128978 | 128985 | 128986 | 128992 | 128995 | 128998 | 128999 | 129000 | 129002 | 129006 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 129010 | 129016 | 129025 | 129029 | 129031 | 129033 | 129034 | 129037 | 129043 | 129046 | 129054 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 129061 | 129068 | 129074 | 129076 | 129084 | 129085 | 129086 | 129088 | 129098 | 129107 | 129121 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 129128 | 129131 | 129134 | 129136 | 129144 | 129156 | 129159 | 129161 | 129163 | 129169 | 129180 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 129182 | 129188 | 129190 | 129196 | 129202 | 129211 | 129215 | 129216 | 129226 | 129228 | 129231 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 129237 | 129245 | 129251 | 129256 | 129257 | 129258 | 129259 | 129261 | 129264 | 129266 | 129268 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 129269 | 129274 | 129276 | 129278 | 129280 | 129283 | 129290 | 129291 | 129294 | 129311 | 129318 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 129327 | 129338 | 129341 | 129342 | 129343 | 129357 | 129362 | 129365 | 129370 | 129372 | 129374 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 129378 | 129384 | 129385 | 129386 | 129389 | 129393 | 129396 | 129402 | 129403 | 129418 | 129420 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 129422 | 129423 | 129428 | 129429 | 129434 | 129466 | 129467 | 129475 | 129478 | 129480 | 129490 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 129492 | 129493 | 129497 | 129498 | 129505 | 129508 | 129510 | 129514 | 129518 | 129523 | 129537 |
| ## | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 129539 | 129547 | 129551 | 129555 | 129557 | 129568 | 129570 | 129572 | 129576 | 129581 | 129582 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 129586 | 129591 | 129593 | 129602 | 129603 | 129607 | 129620 | 129621 | 129627 | 129644 | 129655 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 129657 | 129658 | 129660 | 129663 | 129665 | 129669 | 129673 | 129689 | 129700 | 129702 | 129723 |
| ## | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 129724 | 129725 | 129727 | 129732 | 129743 | 129749 | 129752 | 129766 | 129771 | 129776 | 129790 |
| ## | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 129794 | 129806 | 129807 | 129809 | 129810 | 129812 | 129821 | 129825 | 129826 | 129838 | 129843 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 129847 | 129849 | 129853 | 129856 | 129857 | 129862 | 129869 | 129872 | 129875 | 129876 | 129877 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 1      |
| ## | 129883 | 129888 | 129905 | 129909 | 129912 | 129913 | 129919 | 129925 | 129926 | 129940 | 129944 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 129946 | 129953 | 129968 | 129973 | 129977 | 129993 | 129998 | 130000 | 130004 | 130011 | 130022 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 130031 | 130038 | 130040 | 130047 | 130049 | 130050 | 130055 | 130057 | 130075 | 130088 | 130089 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 130095 | 130097 | 130116 | 130117 | 130122 | 130125 | 130131 | 130154 | 130157 | 130158 | 130167 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 130170 | 130185 | 130194 | 130195 | 130198 | 130201 | 130202 | 130203 | 130212 | 130213 | 130214 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 130219 | 130221 | 130226 | 130227 | 130231 | 130234 | 130236 | 130240 | 130241 | 130242 | 130248 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 130252 | 130255 | 130256 | 130257 | 130267 | 130271 | 130272 | 130274 | 130278 | 130284 | 130295 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 130308 | 130313 | 130317 | 130318 | 130332 | 130339 | 130341 | 130342 | 130343 | 130345 | 130350 |
| ## | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 130352 | 130354 | 130358 | 130362 | 130366 | 130369 | 130378 | 130396 | 130405 | 130415 | 130418 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 130434 | 130437 | 130441 | 130442 | 130446 | 130454 | 130460 | 130466 | 130472 | 130478 | 130483 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 130486 | 130490 | 130491 | 130493 | 130497 | 130500 | 130513 | 130515 | 130517 | 130519 | 130535 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 130538 | 130539 | 130540 | 130542 | 130543 | 130546 | 130554 | 130559 | 130584 | 130588 | 130589 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 130595 | 130597 | 130606 | 130611 | 130615 | 130620 | 130626 | 130640 | 130650 | 130655 | 130658 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 130659 | 130660 | 130661 | 130662 | 130669 | 130672 | 130690 | 130697 | 130698 | 130699 | 130705 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 130711 | 130713 | 130715 | 130716 | 130719 | 130725 | 130726 | 130733 | 130743 | 130746 | 130749 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 130758 | 130762 | 130768 | 130769 | 130776 | 130786 | 130796 | 130803 | 130805 | 130809 | 130810 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 0      |
| ## | 130814 | 130820 | 130826 | 130830 | 130837 | 130855 | 130859 | 130861 | 130862 | 130864 | 130867 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 130870 | 130873 | 130877 | 130880 | 130886 | 130888 | 130895 | 130899 | 130917 | 130921 | 130926 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 130934 | 130940 | 130942 | 130954 | 130968 | 130974 | 130977 | 130979 | 130981 | 130983 | 130993 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 130995 | 130999 | 131010 | 131013 | 131016 | 131024 | 131028 | 131050 | 131055 | 131059 | 131072 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 131074 | 131095 | 131097 | 131099 | 131100 | 131103 | 131107 | 131117 | 131123 | 131132 | 131140 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 131147 | 131152 | 131158 | 131162 | 131164 | 131167 | 131169 | 131171 | 131172 | 131180 | 131189 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 131192 | 131194 | 131195 | 131202 | 131207 | 131210 | 131213 | 131218 | 131221 | 131232 | 131233 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 131238 | 131243 | 131244 | 131255 | 131264 | 131265 | 131267 | 131269 | 131271 | 131279 | 131284 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 131286 | 131290 | 131298 | 131312 | 131313 | 131317 | 131325 | 131337 | 131352 | 131359 | 131360 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 131368 | 131374 | 131378 | 131380 | 131384 | 131385 | 131402 | 131405 | 131412 | 131419 | 131422 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 131428 | 131434 | 131436 | 131444 | 131445 | 131446 | 131453 | 131454 | 131460 | 131470 | 131472 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 131473 | 131485 | 131487 | 131498 | 131502 | 131504 | 131508 | 131510 | 131515 | 131518 | 131520 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 131538 | 131543 | 131546 | 131557 | 131559 | 131562 | 131563 | 131566 | 131568 | 131577 | 131579 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 131581 | 131588 | 131609 | 131610 | 131614 | 131619 | 131620 | 131623 | 131628 | 131633 | 131639 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 131673 | 131678 | 131682 | 131686 | 131690 | 131696 | 131706 | 131707 | 131715 | 131718 | 131726 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 131731 | 131737 | 131738 | 131740 | 131745 | 131746 | 131747 | 131751 | 131753 | 131795 | 131798 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 131804 | 131812 | 131814 | 131817 | 131818 | 131820 | 131822 | 131823 | 131835 | 131838 | 131847 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 131848 | 131849 | 131850 | 131853 | 131854 | 131857 | 131867 | 131868 | 131873 | 131875 | 131896 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 131898 | 131899 | 131901 | 131905 | 131908 | 131912 | 131915 | 131918 | 131921 | 131925 | 131929 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 131931 | 131934 | 131936 | 131939 | 131943 | 131951 | 131954 | 131956 | 131957 | 131968 | 131970 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 131972 | 131980 | 131987 | 132000 | 132010 | 132018 | 132023 | 132030 | 132032 | 132042 | 132045 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 132059 | 132060 | 132075 | 132079 | 132090 | 132101 | 132114 | 132117 | 132119 | 132120 | 132124 |
| ## | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 132127 | 132153 | 132158 | 132159 | 132167 | 132175 | 132178 | 132182 | 132183 | 132190 | 132196 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 132203 | 132211 | 132216 | 132218 | 132221 | 132225 | 132232 | 132241 | 132244 | 132253 | 132254 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 132255 | 132260 | 132264 | 132278 | 132295 | 132304 | 132306 | 132331 | 132339 | 132352 | 132353 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 132354 | 132361 | 132381 | 132394 | 132397 | 132399 | 132402 | 132403 | 132405 | 132407 | 132414 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 132434 | 132460 | 132464 | 132469 | 132477 | 132481 | 132483 | 132489 | 132495 | 132511 | 132515 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 132526 | 132528 | 132532 | 132534 | 132536 | 132538 | 132541 | 132547 | 132552 | 132556 | 132561 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 132562 | 132573 | 132578 | 132591 | 132595 | 132602 | 132608 | 132622 | 132625 | 132650 | 132655 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 132656 | 132662 | 132664 | 132690 | 132695 | 132696 | 132701 | 132702 | 132703 | 132704 | 132708 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 132720 | 132747 | 132752 | 132755 | 132763 | 132764 | 132778 | 132780 | 132781 | 132785 | 132792 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 132795 | 132796 | 132798 | 132804 | 132832 | 132833 | 132835 | 132836 | 132837 | 132839 | 132845 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 132850 | 132851 | 132854 | 132858 | 132863 | 132866 | 132868 | 132869 | 132875 | 132882 | 132886 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 132887 | 132893 | 132896 | 132901 | 132908 | 132914 | 132916 | 132935 | 132939 | 132940 | 132941 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 132946 | 132952 | 132955 | 132970 | 132971 | 132972 | 132976 | 132980 | 132985 | 132986 | 132990 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 132993 | 132998 | 133002 | 133009 | 133015 | 133016 | 133026 | 133031 | 133036 | 133043 | 133045 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 133046 | 133050 | 133054 | 133068 | 133071 | 133072 | 133076 | 133082 | 133085 | 133088 | 133107 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 133120 | 133124 | 133127 | 133128 | 133129 | 133142 | 133146 | 133150 | 133157 | 133159 | 133163 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 133167 | 133168 | 133169 | 133171 | 133173 | 133175 | 133193 | 133194 | 133197 | 133204 | 133205 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 133207 | 133218 | 133223 | 133226 | 133244 | 133246 | 133258 | 133259 | 133262 | 133266 | 133277 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 133281 | 133285 | 133306 | 133307 | 133315 | 133319 | 133326 | 133327 | 133328 | 133338 | 133339 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 133343 | 133349 | 133357 | 133358 | 133360 | 133362 | 133365 | 133379 | 133388 | 133391 | 133393 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 1      | 1      | 1      | 0      | 1      | 0      | 1      | 1      | 0      | 1      | 0      |
| ## | 133400 | 133404 | 133408 | 133409 | 133413 | 133415 | 133423 | 133426 | 133432 | 133433 | 133441 |
| ## | 0      | 0      | 1      | 1      | 1      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 133445 | 133456 | 133457 | 133468 | 133473 | 133478 | 133486 | 133487 | 133488 | 133498 | 133500 |
| ## | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 1      | 0      | 1      |
| ## | 133503 | 133511 | 133524 | 133525 | 133532 | 133542 | 133551 | 133557 | 133568 | 133569 | 133570 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 133574 | 133581 | 133596 | 133597 | 133598 | 133599 | 133600 | 133602 | 133604 | 133608 | 133610 |
| ## | 1      | 0      | 1      | 1      | 1      | 0      | 1      | 1      | 0      | 1      | 0      |
| ## | 133611 | 133619 | 133625 | 133630 | 133639 | 133640 | 133655 | 133666 | 133668 | 133674 | 133675 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 133677 | 133691 | 133703 | 133705 | 133706 | 133708 | 133711 | 133712 | 133716 | 133721 | 133726 |
| ## | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      |
| ## | 133729 | 133732 | 133738 | 133740 | 133753 | 133756 | 133758 | 133763 | 133765 | 133769 | 133775 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 133780 | 133782 | 133783 | 133787 | 133793 | 133795 | 133796 | 133800 | 133806 | 133808 | 133810 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 1      |
| ## | 133812 | 133821 | 133825 | 133842 | 133846 | 133850 | 133853 | 133855 | 133858 | 133862 | 133868 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 133873 | 133885 | 133894 | 133898 | 133900 | 133901 | 133906 | 133907 | 133911 | 133921 | 133927 |
| ## | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 133933 | 133936 | 133957 | 133959 | 133974 | 133975 | 133979 | 133980 | 133984 | 133987 | 133991 |
| ## | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 1      |
| ## | 133998 | 133999 | 134001 | 134012 | 134020 | 134021 | 134024 | 134036 | 134045 | 134046 | 134048 |
| ## | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 1      | 1      | 1      | 0      |
| ## | 134051 | 134054 | 134056 | 134057 | 134067 | 134073 | 134078 | 134090 | 134091 | 134109 | 134112 |
| ## | 0      | 1      | 1      | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 134120 | 134124 | 134126 | 134131 | 134136 | 134141 | 134143 | 134144 | 134156 | 134157 | 134191 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 134192 | 134194 | 134198 | 134201 | 134204 | 134208 | 134209 | 134216 | 134221 | 134227 | 134232 |
| ## | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 1      | 1      | 1      |
| ## | 134233 | 134236 | 134238 | 134241 | 134251 | 134254 | 134260 | 134262 | 134264 | 134265 | 134267 |
| ## | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      |
| ## | 134271 | 134280 | 134288 | 134289 | 134290 | 134293 | 134308 | 134310 | 134318 | 134320 | 134323 |
| ## | 1      | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 134324 | 134327 | 134342 | 134343 | 134344 | 134345 | 134350 | 134351 | 134352 | 134353 | 134357 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 1      |
| ## | 134358 | 134362 | 134366 | 134376 | 134381 | 134386 | 134391 | 134394 | 134395 | 134398 | 134399 |
| ## | 1      | 0      | 1      | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 134409 | 134420 | 134421 | 134422 | 134423 | 134426 | 134427 | 134429 | 134431 | 134438 | 134439 |
| ## | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 1      |
| ## | 134446 | 134448 | 134458 | 134459 | 134462 | 134465 | 134466 | 134476 | 134479 | 134483 | 134485 |
| ## | 1      | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 1      |
| ## | 134495 | 134504 | 134507 | 134516 | 134517 | 134520 | 134521 | 134528 | 134532 | 134539 | 134541 |
| ## | 1      | 0      | 1      | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 1      |
| ## | 134545 | 134546 | 134551 | 134553 | 134569 | 134581 | 134592 | 134603 | 134606 | 134608 | 134610 |
| ## | 1      | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 134611 | 134612 | 134616 | 134619 | 134621 | 134630 | 134636 | 134639 | 134641 | 134642 | 134643 |
| ## | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      |
| ## | 134646 | 134670 | 134673 | 134681 | 134683 | 134685 | 134688 | 134692 | 134696 | 134697 | 134698 |
| ## | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 134700 | 134701 | 134706 | 134713 | 134715 | 134723 | 134732 | 134738 | 134742 | 134746 | 134754 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 134759 | 134760 | 134767 | 134770 | 134776 | 134783 | 134788 | 134795 | 134798 | 134801 | 134802 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 134803 | 134804 | 134806 | 134809 | 134810 | 134813 | 134815 | 134832 | 134842 | 134843 | 134850 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 134858 | 134861 | 134872 | 134876 | 134890 | 134892 | 134893 | 134897 | 134898 | 134900 | 134902 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 134905 | 134918 | 134924 | 134931 | 134932 | 134942 | 134947 | 134948 | 134953 | 134955 | 134962 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 1      |
| ## | 134965 | 134966 | 134971 | 134977 | 134980 | 134990 | 135010 | 135011 | 135013 | 135016 | 135017 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135022 | 135025 | 135026 | 135028 | 135031 | 135035 | 135047 | 135053 | 135059 | 135061 | 135066 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135071 | 135077 | 135080 | 135081 | 135082 | 135095 | 135096 | 135101 | 135108 | 135115 | 135124 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135137 | 135139 | 135141 | 135142 | 135143 | 135154 | 135156 | 135159 | 135163 | 135164 | 135166 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135169 | 135176 | 135182 | 135185 | 135188 | 135193 | 135196 | 135199 | 135200 | 135202 | 135203 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135204 | 135205 | 135213 | 135221 | 135224 | 135227 | 135233 | 135234 | 135246 | 135248 | 135250 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 135251 | 135259 | 135267 | 135276 | 135278 | 135279 | 135280 | 135285 | 135286 | 135304 | 135305 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 1      |
| ## | 135307 | 135313 | 135316 | 135319 | 135332 | 135334 | 135341 | 135342 | 135355 | 135356 | 135357 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135358 | 135376 | 135380 | 135397 | 135398 | 135400 | 135416 | 135417 | 135423 | 135434 | 135438 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135442 | 135447 | 135448 | 135452 | 135463 | 135474 | 135480 | 135482 | 135489 | 135494 | 135495 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 135498 | 135499 | 135501 | 135511 | 135514 | 135517 | 135524 | 135534 | 135538 | 135543 | 135544 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135548 | 135550 | 135551 | 135574 | 135580 | 135581 | 135583 | 135594 | 135596 | 135597 | 135603 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135604 | 135617 | 135618 | 135619 | 135631 | 135637 | 135642 | 135643 | 135645 | 135650 | 135651 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135655 | 135661 | 135665 | 135666 | 135669 | 135670 | 135673 | 135675 | 135682 | 135684 | 135700 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135704 | 135705 | 135706 | 135709 | 135713 | 135715 | 135717 | 135727 | 135733 | 135739 | 135742 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135743 | 135745 | 135746 | 135750 | 135751 | 135753 | 135756 | 135757 | 135764 | 135765 | 135773 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135777 | 135781 | 135783 | 135787 | 135792 | 135793 | 135795 | 135800 | 135806 | 135809 | 135813 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135819 | 135820 | 135825 | 135826 | 135828 | 135829 | 135831 | 135835 | 135852 | 135858 | 135860 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135861 | 135862 | 135864 | 135866 | 135869 | 135885 | 135887 | 135890 | 135893 | 135894 | 135900 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135901 | 135904 | 135906 | 135908 | 135915 | 135918 | 135921 | 135922 | 135925 | 135928 | 135934 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135941 | 135948 | 135954 | 135955 | 135958 | 135959 | 135961 | 135963 | 135968 | 135978 | 135979 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 135987 | 135997 | 136005 | 136007 | 136015 | 136016 | 136028 | 136030 | 136038 | 136039 | 136049 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 136051 | 136052 | 136053 | 136059 | 136068 | 136069 | 136079 | 136108 | 136109 | 136111 | 136115 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 136131 | 136140 | 136142 | 136145 | 136147 | 136156 | 136162 | 136164 | 136167 | 136173 | 136178 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 136180 | 136185 | 136188 | 136196 | 136199 | 136203 | 136205 | 136223 | 136229 | 136245 | 136251 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 136256 | 136257 | 136264 | 136265 | 136266 | 136271 | 136274 | 136284 | 136287 | 136291 | 136292 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 136293 | 136294 | 136295 | 136300 | 136305 | 136313 | 136320 | 136322 | 136330 | 136331 | 136332 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 136334 | 136341 | 136344 | 136357 | 136358 | 136363 | 136367 | 136376 | 136379 | 136384 | 136393 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 136394 | 136403 | 136416 | 136419 | 136423 | 136430 | 136432 | 136433 | 136441 | 136442 | 136444 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 136446 | 136449 | 136458 | 136472 | 136482 | 136494 | 136505 | 136507 | 136511 | 136516 | 136522 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 136526 | 136527 | 136528 | 136533 | 136534 | 136548 | 136556 | 136558 | 136575 | 136577 | 136578 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 136579 | 136582 | 136584 | 136594 | 136596 | 136607 | 136619 | 136626 | 136631 | 136635 | 136661 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 136663 | 136667 | 136669 | 136672 | 136680 | 136683 | 136700 | 136701 | 136704 | 136722 | 136731 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 136733 | 136734 | 136742 | 136754 | 136762 | 136766 | 136767 | 136768 | 136772 | 136774 | 136784 |
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 136789 | 136797 | 136798 | 136802 | 136803 | 136804 | 136807 | 136811 | 136825 | 136826 | 136840 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 136843 | 136846 | 136847 | 136850 | 136853 | 136854 | 136861 | 136864 | 136880 | 136891 | 136904 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 136905 | 136912 | 136919 | 136920 | 136925 | 136942 | 136945 | 136947 | 136952 | 136954 | 136955 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 136963 | 136968 | 136973 | 136974 | 136976 | 136985 | 136993 | 136996 | 137013 | 137014 | 137015 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 137022 | 137038 | 137040 | 137041 | 137047 | 137052 | 137056 | 137059 | 137070 | 137072 | 137075 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 137077 | 137082 | 137084 | 137086 | 137090 | 137095 | 137099 | 137100 | 137104 | 137105 | 137107 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 137117 | 137125 | 137126 | 137127 | 137146 | 137147 | 137148 | 137152 | 137155 | 137160 | 137162 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 137171 | 137173 | 137179 | 137184 | 137185 | 137189 | 137194 | 137199 | 137205 | 137211 | 137214 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 137229 | 137243 | 137246 | 137247 | 137253 | 137255 | 137256 | 137263 | 137274 | 137278 | 137282 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 137283 | 137296 | 137302 | 137304 | 137327 | 137329 | 137338 | 137343 | 137346 | 137347 | 137349 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 137351 | 137354 | 137358 | 137365 | 137366 | 137371 | 137372 | 137380 | 137383 | 137384 | 137390 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 137392 | 137393 | 137394 | 137397 | 137399 | 137402 | 137404 | 137415 | 137430 | 137435 | 137438 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 137446 | 137454 | 137458 | 137464 | 137468 | 137472 | 137479 | 137494 | 137497 | 137498 | 137504 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 137508 | 137509 | 137515 | 137522 | 137523 | 137534 | 137536 | 137542 | 137547 | 137550 | 137555 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 137561 | 137563 | 137568 | 137572 | 137577 | 137583 | 137585 | 137587 | 137592 | 137593 | 137606 |
| ## | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 137608 | 137609 | 137617 | 137624 | 137625 | 137637 | 137638 | 137641 | 137644 | 137647 | 137668 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 137670 | 137672 | 137674 | 137675 | 137677 | 137681 | 137683 | 137697 | 137699 | 137709 | 137720 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 1      |
| ## | 137723 | 137730 | 137737 | 137738 | 137741 | 137745 | 137746 | 137756 | 137765 | 137785 | 137789 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 1      |
| ## | 137792 | 137795 | 137796 | 137797 | 137802 | 137808 | 137816 | 137819 | 137826 | 137829 | 137837 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 137851 | 137854 | 137859 | 137865 | 137879 | 137885 | 137886 | 137893 | 137895 | 137896 | 137900 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 137911 | 137915 | 137917 | 137921 | 137924 | 137929 | 137944 | 137946 | 137950 | 137955 | 137974 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 137975 | 137978 | 137981 | 137982 | 137990 | 138018 | 138019 | 138021 | 138026 | 138034 | 138037 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 138038 | 138043 | 138054 | 138060 | 138074 | 138078 | 138086 | 138091 | 138093 | 138094 | 138102 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 138110 | 138113 | 138115 | 138121 | 138126 | 138127 | 138128 | 138131 | 138135 | 138139 | 138145 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 138153 | 138155 | 138170 | 138171 | 138174 | 138177 | 138178 | 138179 | 138181 | 138186 | 138191 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 1      |
| ## | 138193 | 138195 | 138205 | 138207 | 138208 | 138211 | 138223 | 138233 | 138235 | 138239 | 138241 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 138270 | 138276 | 138285 | 138288 | 138289 | 138297 | 138314 | 138316 | 138322 | 138324 | 138325 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 138329 | 138333 | 138336 | 138340 | 138343 | 138346 | 138349 | 138354 | 138362 | 138363 | 138364 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 138366 | 138367 | 138371 | 138374 | 138386 | 138388 | 138395 | 138398 | 138409 | 138420 | 138423 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 138427 | 138428 | 138430 | 138435 | 138438 | 138443 | 138444 | 138447 | 138450 | 138451 | 138460 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 138462 | 138463 | 138464 | 138468 | 138473 | 138474 | 138478 | 138481 | 138483 | 138485 | 138496 |
| ## | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 1      |
| ## | 138498 | 138500 | 138501 | 138504 | 138506 | 138508 | 138512 | 138513 | 138514 | 138515 | 138523 |
| ## | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 138530 | 138537 | 138547 | 138560 | 138568 | 138574 | 138578 | 138579 | 138580 | 138586 | 138588 |
| ## | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 138594 | 138596 | 138598 | 138619 | 138621 | 138626 | 138627 | 138628 | 138630 | 138637 | 138639 |
| ## | 1      | 1      | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 138643 | 138653 | 138665 | 138672 | 138680 | 138687 | 138692 | 138701 | 138705 | 138713 | 138720 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 138725 | 138731 | 138736 | 138739 | 138742 | 138745 | 138749 | 138754 | 138757 | 138767 | 138771 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 138773 | 138774 | 138777 | 138781 | 138782 | 138784 | 138793 | 138800 | 138801 | 138813 | 138821 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 138824 | 138830 | 138837 | 138841 | 138848 | 138863 | 138865 | 138869 | 138871 | 138873 | 138875 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 138876 | 138889 | 138891 | 138892 | 138900 | 138901 | 138908 | 138919 | 138922 | 138927 | 138928 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 138930 | 138936 | 138938 | 138943 | 138950 | 138962 | 138972 | 138996 | 139000 | 139019 | 139023 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 139035 | 139038 | 139039 | 139040 | 139045 | 139048 | 139056 | 139064 | 139066 | 139073 | 139075 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 139076 | 139087 | 139090 | 139099 | 139107 | 139111 | 139113 | 139114 | 139115 | 139116 | 139118 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 139122 | 139127 | 139128 | 139138 | 139139 | 139141 | 139148 | 139151 | 139169 | 139174 | 139176 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 139185 | 139192 | 139195 | 139199 | 139201 | 139202 | 139211 | 139213 | 139219 | 139220 | 139224 |



|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 139225 | 139232 | 139235 | 139238 | 139242 | 139244 | 139247 | 139248 | 139251 | 139252 | 139257 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 139270 | 139277 | 139283 | 139290 | 139293 | 139311 | 139315 | 139316 | 139322 | 139326 | 139328 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 139330 | 139333 | 139334 | 139335 | 139337 | 139338 | 139343 | 139351 | 139354 | 139362 | 139373 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 139376 | 139379 | 139383 | 139387 | 139391 | 139396 | 139397 | 139404 | 139409 | 139412 | 139418 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 139428 | 139430 | 139435 | 139440 | 139449 | 139451 | 139454 | 139458 | 139459 | 139461 | 139464 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 139473 | 139475 | 139489 | 139499 | 139506 | 139507 | 139516 | 139523 | 139526 | 139538 | 139542 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 139552 | 139556 | 139561 | 139566 | 139568 | 139574 | 139598 | 139602 | 139623 | 139624 | 139627 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 139631 | 139632 | 139633 | 139634 | 139638 | 139640 | 139644 | 139647 | 139648 | 139649 | 139655 |
| ## | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 139659 | 139673 | 139678 | 139688 | 139698 | 139701 | 139708 | 139710 | 139715 | 139717 | 139723 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 139728 | 139732 | 139735 | 139740 | 139743 | 139746 | 139749 | 139750 | 139759 | 139761 | 139776 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      |
| ## | 139782 | 139783 | 139795 | 139797 | 139807 | 139811 | 139813 | 139823 | 139825 | 139837 | 139841 |
| ## | 0      | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 139848 | 139852 | 139857 | 139863 | 139875 | 139879 | 139885 | 139888 | 139889 | 139891 | 139896 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 139921 | 139935 | 139938 | 139939 | 139940 | 139944 | 139954 | 139955 | 139957 | 139959 | 139967 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 139970 | 139975 | 139982 | 139983 | 139984 | 139999 | 140005 | 140008 | 140021 | 140027 | 140029 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140037 | 140038 | 140041 | 140063 | 140064 | 140070 | 140071 | 140076 | 140082 | 140086 | 140088 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140093 | 140099 | 140103 | 140107 | 140111 | 140116 | 140117 | 140135 | 140137 | 140139 | 140152 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140159 | 140161 | 140162 | 140165 | 140166 | 140171 | 140183 | 140185 | 140189 | 140202 | 140203 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140210 | 140212 | 140215 | 140216 | 140222 | 140227 | 140230 | 140235 | 140239 | 140248 | 140253 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140260 | 140266 | 140281 | 140295 | 140296 | 140307 | 140318 | 140320 | 140322 | 140328 | 140332 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140333 | 140336 | 140338 | 140354 | 140356 | 140364 | 140366 | 140369 | 140374 | 140381 | 140384 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140391 | 140394 | 140400 | 140401 | 140403 | 140404 | 140411 | 140415 | 140417 | 140420 | 140423 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140430 | 140434 | 140436 | 140437 | 140446 | 140447 | 140450 | 140463 | 140482 | 140486 | 140490 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140493 | 140496 | 140497 | 140498 | 140500 | 140503 | 140509 | 140515 | 140518 | 140520 | 140521 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140523 | 140524 | 140525 | 140530 | 140533 | 140535 | 140546 | 140552 | 140558 | 140563 | 140565 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140568 | 140569 | 140574 | 140581 | 140583 | 140585 | 140589 | 140593 | 140604 | 140610 | 140612 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140614 | 140618 | 140621 | 140634 | 140641 | 140643 | 140644 | 140645 | 140647 | 140650 | 140652 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140653 | 140654 | 140658 | 140664 | 140665 | 140681 | 140682 | 140690 | 140703 | 140705 | 140707 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 140713 | 140715 | 140720 | 140721 | 140729 | 140745 | 140755 | 140758 | 140761 | 140764 | 140766 |
| ## | 1      | 1      | 1      | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 0      |
| ## | 140774 | 140778 | 140785 | 140790 | 140791 | 140794 | 140797 | 140798 | 140803 | 140804 | 140810 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 140813 | 140815 | 140820 | 140825 | 140827 | 140828 | 140838 | 140839 | 140840 | 140843 | 140844 |
| ## | 0      | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 1      |
| ## | 140853 | 140864 | 140867 | 140868 | 140880 | 140881 | 140888 | 140889 | 140890 | 140898 | 140909 |
| ## | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 140913 | 140917 | 140923 | 140927 | 140928 | 140933 | 140934 | 140938 | 140950 | 140951 | 140952 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 0      |
| ## | 140957 | 140965 | 140970 | 140971 | 140972 | 140979 | 140984 | 140995 | 141002 | 141012 | 141018 |
| ## | 1      | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 0      | 1      | 1      |
| ## | 141019 | 141020 | 141024 | 141038 | 141047 | 141049 | 141055 | 141058 | 141064 | 141070 | 141071 |
| ## | 1      | 1      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 141073 | 141082 | 141083 | 141097 | 141103 | 141110 | 141123 | 141125 | 141126 | 141131 | 141132 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 141141 | 141142 | 141145 | 141148 | 141159 | 141170 | 141171 | 141172 | 141177 | 141178 | 141180 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 141183 | 141191 | 141206 | 141209 | 141216 | 141221 | 141226 | 141230 | 141231 | 141237 | 141238 |
| ## | 1      | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 141247 | 141250 | 141251 | 141252 | 141270 | 141281 | 141292 | 141293 | 141301 | 141302 | 141309 |
| ## | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 141310 | 141324 | 141328 | 141341 | 141345 | 141355 | 141363 | 141374 | 141376 | 141397 | 141399 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 1      |
| ## | 141404 | 141405 | 141409 | 141410 | 141414 | 141429 | 141431 | 141432 | 141440 | 141444 | 141445 |
| ## | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 1      | 0      | 1      | 1      |
| ## | 141447 | 141448 | 141450 | 141453 | 141455 | 141464 | 141467 | 141477 | 141478 | 141487 | 141488 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 0      | 1      |
| ## | 141489 | 141490 | 141493 | 141511 | 141512 | 141513 | 141518 | 141521 | 141527 | 141530 | 141531 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 141539 | 141541 | 141549 | 141560 | 141565 | 141569 | 141574 | 141575 | 141580 | 141583 | 141593 |
| ## | 1      | 1      | 0      | 1      | 1      | 1      | 0      | 1      | 1      | 0      | 1      |
| ## | 141594 | 141597 | 141600 | 141603 | 141606 | 141613 | 141619 | 141627 | 141633 | 141639 | 141645 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 1      |
| ## | 141648 | 141655 | 141656 | 141662 | 141664 | 141665 | 141670 | 141671 | 141682 | 141687 | 141691 |
| ## | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 141697 | 141703 | 141707 | 141709 | 141712 | 141713 | 141717 | 141722 | 141733 | 141734 | 141737 |
| ## | 1      | 1      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 141740 | 141749 | 141752 | 141757 | 141762 | 141764 | 141765 | 141785 | 141795 | 141802 | 141803 |
| ## | 1      | 1      | 1      | 0      | 1      | 0      | 0      | 1      | 1      | 1      | 1      |
| ## | 141817 | 141835 | 141838 | 141844 | 141850 | 141863 | 141867 | 141869 | 141871 | 141872 | 141876 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 141881 | 141885 | 141886 | 141895 | 141898 | 141905 | 141906 | 141908 | 141911 | 141912 | 141914 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 141915 | 141918 | 141923 | 141933 | 141935 | 141946 | 141956 | 141957 | 141958 | 141963 | 141965 |
| ## | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 141967 | 141972 | 141985 | 141997 | 142000 | 142005 | 142006 | 142010 | 142012 | 142025 | 142031 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 142037 | 142041 | 142050 | 142057 | 142079 | 142081 | 142083 | 142098 | 142099 | 142102 | 142109 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 142127 | 142132 | 142134 | 142135 | 142147 | 142148 | 142174 | 142177 | 142179 | 142183 | 142193 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 142203 | 142205 | 142217 | 142219 | 142228 | 142236 | 142254 | 142256 | 142259 | 142273 | 142274 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 142277 | 142283 | 142286 | 142288 | 142295 | 142299 | 142304 | 142306 | 142309 | 142315 | 142319 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 142320 | 142321 | 142322 | 142334 | 142340 | 142343 | 142355 | 142357 | 142358 | 142359 | 142363 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 142367 | 142375 | 142383 | 142386 | 142393 | 142395 | 142396 | 142401 | 142409 | 142419 | 142421 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      |
| ## | 142423 | 142431 | 142435 | 142441 | 142448 | 142454 | 142456 | 142465 | 142466 | 142473 | 142488 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 142491 | 142495 | 142499 | 142503 | 142506 | 142507 | 142512 | 142535 | 142537 | 142538 | 142548 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 142551 | 142552 | 142554 | 142555 | 142556 | 142557 | 142558 | 142565 | 142575 | 142582 | 142584 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 142588 | 142589 | 142593 | 142594 | 142595 | 142596 | 142601 | 142605 | 142606 | 142608 | 142614 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 142622 | 142637 | 142638 | 142640 | 142641 | 142645 | 142648 | 142653 | 142654 | 142662 | 142666 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 142673 | 142675 | 142679 | 142689 | 142691 | 142701 | 142714 | 142716 | 142717 | 142719 | 142727 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 142729 | 142732 | 142736 | 142737 | 142746 | 142756 | 142767 | 142781 | 142782 | 142783 | 142787 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 142788 | 142796 | 142798 | 142799 | 142800 | 142802 | 142812 | 142820 | 142824 | 142831 | 142833 |
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 142837 | 142841 | 142842 | 142852 | 142855 | 142856 | 142863 | 142865 | 142867 | 142871 | 142872 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 142878 | 142889 | 142891 | 142896 | 142900 | 142901 | 142909 | 142917 | 142918 | 142919 | 142929 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 142932 | 142934 | 142940 | 142941 | 142942 | 142945 | 142949 | 142951 | 142954 | 142955 | 142963 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 142964 | 142965 | 142967 | 142968 | 142974 | 142976 | 142981 | 143000 | 143002 | 143008 | 143024 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 143025 | 143030 | 143033 | 143034 | 143040 | 143041 | 143053 | 143054 | 143057 | 143061 | 143073 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 143078 | 143084 | 143088 | 143089 | 143090 | 143091 | 143096 | 143097 | 143098 | 143100 | 143104 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 143105 | 143113 | 143117 | 143125 | 143127 | 143139 | 143140 | 143142 | 143144 | 143146 | 143150 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 0      | 0      |
| ## | 143151 | 143152 | 143153 | 143154 | 143156 | 143162 | 143166 | 143169 | 143170 | 143174 | 143185 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 143186 | 143207 | 143209 | 143210 | 143219 | 143220 | 143225 | 143240 | 143244 | 143245 | 143253 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 143255 | 143256 | 143258 | 143259 | 143260 | 143265 | 143276 | 143292 | 143293 | 143302 | 143303 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 143306 | 143307 | 143308 | 143310 | 143314 | 143317 | 143326 | 143327 | 143330 | 143336 | 143345 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 143347 | 143353 | 143358 | 143371 | 143375 | 143380 | 143387 | 143390 | 143393 | 143394 | 143400 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 143416 | 143425 | 143435 | 143446 | 143447 | 143450 | 143453 | 143461 | 143465 | 143466 | 143478 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 143482 | 143483 | 143489 | 143511 | 143515 | 143520 | 143533 | 143537 | 143544 | 143547 | 143562 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 143564 | 143575 | 143579 | 143581 | 143582 | 143587 | 143592 | 143594 | 143606 | 143612 | 143616 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 143619 | 143620 | 143628 | 143631 | 143634 | 143645 | 143649 | 143650 | 143655 | 143661 | 143662 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 143673 | 143675 | 143685 | 143688 | 143691 | 143694 | 143695 | 143696 | 143699 | 143702 | 143707 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 143714 | 143716 | 143717 | 143725 | 143726 | 143727 | 143734 | 143735 | 143741 | 143746 | 143752 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 143757 | 143759 | 143764 | 143769 | 143773 | 143774 | 143799 | 143805 | 143807 | 143810 | 143811 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 143813 | 143818 | 143819 | 143820 | 143828 | 143831 | 143836 | 143839 | 143843 | 143845 | 143847 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 143868 | 143871 | 143888 | 143889 | 143891 | 143892 | 143896 | 143902 | 143904 | 143925 | 143936 |
| ## | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 143944 | 143952 | 143966 | 143970 | 143984 | 143986 | 143991 | 143994 | 143995 | 143999 | 144002 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 144026 | 144033 | 144037 | 144047 | 144064 | 144066 | 144067 | 144068 | 144070 | 144073 | 144075 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 144080 | 144084 | 144085 | 144087 | 144100 | 144106 | 144120 | 144122 | 144126 | 144141 | 144147 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 144155 | 144157 | 144158 | 144161 | 144164 | 144171 | 144172 | 144173 | 144180 | 144182 | 144184 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 144192 | 144194 | 144196 | 144197 | 144202 | 144203 | 144208 | 144215 | 144217 | 144224 | 144226 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 144229 | 144230 | 144240 | 144242 | 144256 | 144258 | 144267 | 144274 | 144279 | 144282 | 144289 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 144297 | 144308 | 144313 | 144314 | 144324 | 144329 | 144330 | 144336 | 144338 | 144352 | 144356 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 144359 | 144369 | 144370 | 144372 | 144374 | 144378 | 144379 | 144393 | 144400 | 144409 | 144419 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 144427 | 144443 | 144456 | 144458 | 144459 | 144497 | 144505 | 144508 | 144509 | 144510 | 144513 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      |
| ## | 144515 | 144521 | 144525 | 144529 | 144535 | 144540 | 144541 | 144542 | 144550 | 144551 | 144553 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      |
| ## | 144557 | 144567 | 144568 | 144573 | 144577 | 144579 | 144583 | 144586 | 144588 | 144593 | 144604 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 144626 | 144638 | 144659 | 144665 | 144667 | 144669 | 144675 | 144677 | 144682 | 144696 | 144698 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 144700 | 144701 | 144706 | 144709 | 144725 | 144728 | 144730 | 144737 | 144741 | 144743 | 144746 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 144748 | 144750 | 144769 | 144770 | 144779 | 144781 | 144782 | 144783 | 144784 | 144793 | 144794 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 0      |
| ## | 144806 | 144808 | 144810 | 144814 | 144815 | 144819 | 144825 | 144829 | 144831 | 144832 | 144833 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 144836 | 144839 | 144840 | 144842 | 144844 | 144846 | 144848 | 144849 | 144855 | 144862 | 144871 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 144881 | 144885 | 144893 | 144895 | 144896 | 144902 | 144904 | 144909 | 144914 | 144916 | 144919 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 0      |
| ## | 144925 | 144932 | 144937 | 144939 | 144943 | 144946 | 144949 | 144967 | 144970 | 144972 | 144977 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 144984 | 144986 | 144994 | 144997 | 144999 | 145000 | 145003 | 145006 | 145008 | 145024 | 145033 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 145035 | 145046 | 145052 | 145053 | 145054 | 145057 | 145069 | 145073 | 145077 | 145080 | 145087 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 145093 | 145094 | 145095 | 145101 | 145105 | 145116 | 145129 | 145135 | 145137 | 145140 | 145147 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 145148 | 145149 | 145151 | 145162 | 145170 | 145171 | 145172 | 145173 | 145178 | 145180 | 145183 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 145188 | 145191 | 145212 | 145222 | 145223 | 145231 | 145234 | 145236 | 145242 | 145244 | 145258 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 145259 | 145260 | 145262 | 145266 | 145273 | 145274 | 145279 | 145282 | 145285 | 145289 | 145295 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 145306 | 145309 | 145314 | 145315 | 145326 | 145327 | 145340 | 145341 | 145357 | 145366 | 145382 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 145386 | 145391 | 145394 | 145400 | 145402 | 145404 | 145405 | 145409 | 145416 | 145418 | 145450 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 145459 | 145463 | 145465 | 145469 | 145470 | 145473 | 145489 | 145496 | 145501 | 145505 | 145507 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 145508 | 145509 | 145520 | 145522 | 145526 | 145530 | 145533 | 145534 | 145541 | 145546 | 145547 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 145551 | 145564 | 145565 | 145570 | 145574 | 145591 | 145604 | 145606 | 145608 | 145614 | 145617 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 145621 | 145622 | 145626 | 145633 | 145634 | 145641 | 145644 | 145645 | 145664 | 145669 | 145687 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 145688 | 145689 | 145695 | 145696 | 145699 | 145711 | 145715 | 145723 | 145734 | 145736 | 145745 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 145749 | 145756 | 145757 | 145769 | 145773 | 145774 | 145775 | 145776 | 145777 | 145783 | 145785 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 145788 | 145802 | 145809 | 145818 | 145820 | 145827 | 145840 | 145842 | 145845 | 145851 | 145852 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 145853 | 145855 | 145861 | 145863 | 145870 | 145874 | 145877 | 145879 | 145880 | 145886 | 145887 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 145890 | 145896 | 145901 | 145903 | 145909 | 145910 | 145917 | 145919 | 145925 | 145928 | 145933 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 145948 | 145950 | 145957 | 145959 | 145972 | 145974 | 145981 | 145985 | 145988 | 145992 | 146003 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 146004 | 146007 | 146010 | 146020 | 146021 | 146023 | 146026 | 146030 | 146033 | 146042 | 146046 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 146047 | 146052 | 146053 | 146054 | 146058 | 146063 | 146067 | 146069 | 146070 | 146078 | 146087 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 146097 | 146099 | 146111 | 146114 | 146120 | 146122 | 146133 | 146135 | 146153 | 146161 | 146182 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 146186 | 146187 | 146197 | 146207 | 146208 | 146214 | 146217 | 146218 | 146224 | 146239 | 146242 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 146244 | 146251 | 146258 | 146265 | 146266 | 146276 | 146278 | 146284 | 146294 | 146299 | 146300 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 146306 | 146308 | 146312 | 146323 | 146339 | 146344 | 146347 | 146353 | 146358 | 146361 | 146365 |
| ## | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 146367 | 146373 | 146374 | 146382 | 146383 | 146386 | 146395 | 146396 | 146398 | 146402 | 146405 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 146407 | 146410 | 146412 | 146418 | 146424 | 146429 | 146430 | 146433 | 146440 | 146444 | 146447 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 146453 | 146465 | 146471 | 146481 | 146483 | 146487 | 146488 | 146494 | 146495 | 146497 | 146499 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 1      |
| ## | 146501 | 146507 | 146518 | 146519 | 146529 | 146530 | 146532 | 146538 | 146539 | 146557 | 146558 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 146559 | 146561 | 146585 | 146587 | 146588 | 146599 | 146600 | 146601 | 146602 | 146614 | 146615 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 146626 | 146628 | 146630 | 146632 | 146639 | 146641 | 146644 | 146658 | 146674 | 146675 | 146677 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 146678 | 146681 | 146685 | 146692 | 146698 | 146702 | 146705 | 146710 | 146713 | 146718 | 146723 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 146731 | 146734 | 146738 | 146747 | 146763 | 146766 | 146771 | 146780 | 146783 | 146786 | 146789 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 146795 | 146796 | 146797 | 146803 | 146810 | 146812 | 146818 | 146827 | 146830 | 146832 | 146846 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 146858 | 146864 | 146868 | 146887 | 146894 | 146901 | 146902 | 146905 | 146915 | 146916 | 146919 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 146923 | 146926 | 146927 | 146930 | 146935 | 146937 | 146939 | 146940 | 146941 | 146947 | 146952 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 146953 | 146954 | 146964 | 146971 | 146972 | 146982 | 146983 | 146984 | 146988 | 147007 | 147012 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 147017 | 147021 | 147023 | 147025 | 147026 | 147028 | 147029 | 147030 | 147032 | 147033 | 147035 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 147036 | 147046 | 147049 | 147053 | 147055 | 147058 | 147061 | 147068 | 147074 | 147082 | 147086 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 147089 | 147102 | 147103 | 147108 | 147109 | 147110 | 147112 | 147113 | 147118 | 147127 | 147129 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 147133 | 147138 | 147139 | 147142 | 147145 | 147150 | 147154 | 147156 | 147169 | 147170 | 147175 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 147178 | 147189 | 147192 | 147202 | 147203 | 147205 | 147210 | 147215 | 147231 | 147232 | 147244 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 147246 | 147252 | 147253 | 147258 | 147260 | 147261 | 147263 | 147268 | 147269 | 147270 | 147271 |
| ## | 1      | 1      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 1      |
| ## | 147276 | 147279 | 147282 | 147287 | 147291 | 147293 | 147295 | 147300 | 147301 | 147304 | 147308 |
| ## | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 1      |
| ## | 147311 | 147314 | 147328 | 147331 | 147338 | 147351 | 147354 | 147357 | 147360 | 147367 | 147379 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 147385 | 147398 | 147400 | 147402 | 147403 | 147408 | 147413 | 147418 | 147419 | 147423 | 147431 |
| ## | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 0      |
| ## | 147435 | 147439 | 147450 | 147455 | 147461 | 147464 | 147467 | 147470 | 147472 | 147479 | 147482 |
| ## | 1      | 1      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 147483 | 147492 | 147495 | 147499 | 147500 | 147501 | 147502 | 147506 | 147513 | 147517 | 147518 |
| ## | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 147523 | 147529 | 147545 | 147562 | 147565 | 147568 | 147578 | 147579 | 147580 | 147588 | 147592 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 147598 | 147604 | 147605 | 147609 | 147613 | 147616 | 147627 | 147631 | 147650 | 147652 | 147660 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 147663 | 147667 | 147678 | 147680 | 147685 | 147695 | 147701 | 147702 | 147710 | 147721 | 147722 |
| ## | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 147724 | 147727 | 147735 | 147736 | 147745 | 147747 | 147755 | 147765 | 147768 | 147770 | 147771 |
| ## | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 147774 | 147777 | 147783 | 147789 | 147802 | 147807 | 147809 | 147811 | 147813 | 147820 | 147821 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 147822 | 147825 | 147839 | 147841 | 147846 | 147856 | 147858 | 147872 | 147874 | 147884 | 147891 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 147892 | 147895 | 147913 | 147915 | 147923 | 147924 | 147927 | 147937 | 147938 | 147942 | 147943 |
| ## | 0      | 0      | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 0      | 0      |
| ## | 147948 | 147959 | 147962 | 147978 | 147984 | 147987 | 147992 | 147993 | 147998 | 148002 | 148003 |
| ## | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 148008 | 148012 | 148014 | 148016 | 148018 | 148021 | 148029 | 148032 | 148050 | 148051 | 148053 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 148060 | 148063 | 148071 | 148075 | 148076 | 148079 | 148087 | 148095 | 148102 | 148128 | 148130 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 148153 | 148154 | 148161 | 148168 | 148170 | 148173 | 148179 | 148182 | 148184 | 148189 | 148191 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 0      |
| ## | 148193 | 148202 | 148206 | 148207 | 148211 | 148213 | 148218 | 148220 | 148222 | 148230 | 148242 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 148252 | 148261 | 148278 | 148287 | 148294 | 148295 | 148297 | 148303 | 148318 | 148324 | 148330 |
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 1      | 1      | 1      |
| ## | 148331 | 148334 | 148335 | 148338 | 148341 | 148343 | 148348 | 148350 | 148357 | 148363 | 148370 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 148371 | 148382 | 148391 | 148394 | 148400 | 148406 | 148409 | 148411 | 148412 | 148416 | 148419 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 148422 | 148424 | 148428 | 148429 | 148442 | 148455 | 148460 | 148464 | 148470 | 148474 | 148476 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 1      |
| ## | 148482 | 148486 | 148488 | 148497 | 148521 | 148529 | 148534 | 148538 | 148542 | 148545 | 148558 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 148572 | 148592 | 148595 | 148596 | 148601 | 148604 | 148607 | 148610 | 148616 | 148624 | 148625 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 148629 | 148632 | 148633 | 148636 | 148638 | 148642 | 148645 | 148647 | 148649 | 148674 | 148683 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 148684 | 148695 | 148696 | 148697 | 148701 | 148703 | 148706 | 148708 | 148710 | 148711 | 148727 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 148733 | 148744 | 148745 | 148747 | 148748 | 148749 | 148750 | 148756 | 148768 | 148770 | 148775 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 148776 | 148792 | 148808 | 148816 | 148817 | 148821 | 148823 | 148827 | 148828 | 148836 | 148840 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 148845 | 148851 | 148859 | 148862 | 148872 | 148875 | 148889 | 148891 | 148894 | 148899 | 148903 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 148904 | 148907 | 148913 | 148923 | 148924 | 148926 | 148931 | 148937 | 148942 | 148948 | 148953 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 148956 | 148958 | 148965 | 148970 | 148975 | 148978 | 148981 | 148992 | 148993 | 148999 | 149005 |
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149007 | 149011 | 149012 | 149021 | 149022 | 149025 | 149028 | 149030 | 149032 | 149033 | 149038 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149039 | 149065 | 149074 | 149080 | 149085 | 149092 | 149099 | 149102 | 149118 | 149119 | 149130 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149134 | 149135 | 149141 | 149142 | 149145 | 149146 | 149151 | 149157 | 149158 | 149164 | 149174 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149180 | 149184 | 149185 | 149186 | 149193 | 149196 | 149203 | 149205 | 149213 | 149216 | 149221 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149231 | 149261 | 149262 | 149271 | 149273 | 149282 | 149283 | 149297 | 149298 | 149300 | 149303 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149305 | 149306 | 149319 | 149322 | 149324 | 149329 | 149330 | 149335 | 149342 | 149345 | 149347 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149354 | 149358 | 149369 | 149370 | 149371 | 149372 | 149373 | 149376 | 149380 | 149384 | 149385 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149389 | 149394 | 149395 | 149406 | 149407 | 149408 | 149412 | 149421 | 149423 | 149424 | 149432 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149438 | 149445 | 149446 | 149448 | 149451 | 149453 | 149454 | 149456 | 149458 | 149461 | 149462 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 149463 | 149465 | 149468 | 149473 | 149481 | 149496 | 149505 | 149512 | 149523 | 149532 | 149535 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149539 | 149540 | 149553 | 149558 | 149562 | 149564 | 149566 | 149572 | 149584 | 149586 | 149589 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149590 | 149593 | 149595 | 149596 | 149600 | 149608 | 149612 | 149621 | 149625 | 149626 | 149631 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 149636 | 149642 | 149643 | 149646 | 149651 | 149657 | 149658 | 149662 | 149669 | 149681 | 149686 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149687 | 149693 | 149702 | 149705 | 149711 | 149714 | 149716 | 149717 | 149718 | 149720 | 149731 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149733 | 149738 | 149743 | 149747 | 149750 | 149756 | 149758 | 149782 | 149787 | 149793 | 149802 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 149806 | 149810 | 149823 | 149824 | 149825 | 149826 | 149834 | 149837 | 149840 | 149842 | 149844 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149845 | 149848 | 149852 | 149856 | 149871 | 149875 | 149888 | 149892 | 149895 | 149905 | 149906 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149913 | 149923 | 149939 | 149945 | 149946 | 149951 | 149966 | 149968 | 149969 | 149971 | 149982 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 149987 | 149989 | 149991 | 149994 | 149996 | 149997 | 149998 | 150000 | 150010 | 150012 | 150029 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 150037 | 150043 | 150045 | 150052 | 150054 | 150064 | 150066 | 150068 | 150075 | 150077 | 150083 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150088 | 150090 | 150097 | 150100 | 150111 | 150123 | 150129 | 150136 | 150139 | 150141 | 150143 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150147 | 150156 | 150159 | 150163 | 150168 | 150171 | 150179 | 150182 | 150189 | 150192 | 150228 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150230 | 150231 | 150239 | 150245 | 150250 | 150252 | 150261 | 150264 | 150267 | 150268 | 150269 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150272 | 150275 | 150297 | 150302 | 150305 | 150318 | 150326 | 150327 | 150328 | 150337 | 150338 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150340 | 150348 | 150351 | 150357 | 150359 | 150360 | 150363 | 150375 | 150376 | 150381 | 150391 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 150395 | 150396 | 150397 | 150399 | 150404 | 150409 | 150412 | 150415 | 150423 | 150424 | 150425 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150431 | 150437 | 150449 | 150452 | 150457 | 150458 | 150459 | 150461 | 150463 | 150466 | 150470 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150484 | 150486 | 150489 | 150492 | 150495 | 150499 | 150503 | 150504 | 150506 | 150511 | 150515 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150518 | 150536 | 150541 | 150545 | 150546 | 150547 | 150548 | 150550 | 150554 | 150555 | 150559 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 150560 | 150567 | 150574 | 150577 | 150579 | 150588 | 150593 | 150598 | 150599 | 150604 | 150614 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150618 | 150619 | 150621 | 150634 | 150643 | 150647 | 150649 | 150655 | 150657 | 150659 | 150668 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150670 | 150672 | 150677 | 150687 | 150691 | 150693 | 150694 | 150700 | 150702 | 150704 | 150717 |
| ## | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150718 | 150720 | 150723 | 150730 | 150733 | 150741 | 150742 | 150743 | 150758 | 150769 | 150778 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150789 | 150790 | 150791 | 150796 | 150797 | 150800 | 150802 | 150808 | 150815 | 150818 | 150822 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150823 | 150828 | 150845 | 150847 | 150852 | 150855 | 150881 | 150884 | 150893 | 150895 | 150899 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 150901 | 150903 | 150914 | 150916 | 150917 | 150919 | 150921 | 150923 | 150924 | 150936 | 150941 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 150943 | 150950 | 150954 | 150960 | 150963 | 150968 | 150970 | 150975 | 150992 | 150993 | 150995 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 151004 | 151015 | 151019 | 151036 | 151037 | 151042 | 151046 | 151059 | 151063 | 151071 | 151073 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 151074 | 151075 | 151079 | 151085 | 151087 | 151088 | 151089 | 151094 | 151104 | 151112 | 151114 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 151124 | 151132 | 151134 | 151146 | 151147 | 151150 | 151152 | 151153 | 151160 | 151163 | 151165 |



|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 151167 | 151179 | 151180 | 151184 | 151194 | 151197 | 151198 | 151200 | 151215 | 151218 | 151229 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 151236 | 151237 | 151239 | 151246 | 151251 | 151253 | 151255 | 151265 | 151274 | 151281 | 151282 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 151286 | 151290 | 151298 | 151303 | 151307 | 151309 | 151310 | 151312 | 151315 | 151319 | 151326 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 151327 | 151328 | 151329 | 151331 | 151343 | 151345 | 151348 | 151355 | 151357 | 151364 | 151377 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 151379 | 151381 | 151384 | 151389 | 151391 | 151397 | 151401 | 151403 | 151415 | 151425 | 151429 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 151432 | 151449 | 151455 | 151457 | 151459 | 151461 | 151465 | 151469 | 151473 | 151474 | 151475 |
| ## | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 151480 | 151492 | 151495 | 151496 | 151513 | 151514 | 151515 | 151516 | 151528 | 151529 | 151532 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 151533 | 151540 | 151549 | 151550 | 151559 | 151562 | 151567 | 151570 | 151584 | 151588 | 151598 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 151600 | 151602 | 151603 | 151606 | 151610 | 151611 | 151623 | 151629 | 151640 | 151642 | 151643 |
| ## | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 151651 | 151657 | 151673 | 151675 | 151676 | 151678 | 151681 | 151682 | 151683 | 151687 | 151693 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 151696 | 151699 | 151707 | 151709 | 151717 | 151726 | 151744 | 151757 | 151761 | 151768 | 151772 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 151776 | 151777 | 151781 | 151783 | 151787 | 151789 | 151791 | 151794 | 151807 | 151820 | 151824 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 151825 | 151842 | 151847 | 151849 | 151855 | 151869 | 151870 | 151871 | 151874 | 151876 | 151883 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 151886 | 151887 | 151890 | 151898 | 151908 | 151912 | 151918 | 151921 | 151925 | 151928 | 151929 |
| ## | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 151935 | 151942 | 151944 | 151947 | 151950 | 151954 | 151956 | 151957 | 151960 | 151961 | 151974 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      |
| ## | 151976 | 151978 | 151979 | 151986 | 151991 | 151992 | 151995 | 151996 | 152007 | 152018 | 152021 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 152022 | 152023 | 152030 | 152031 | 152032 | 152038 | 152045 | 152050 | 152053 | 152054 | 152055 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 152057 | 152058 | 152067 | 152068 | 152076 | 152082 | 152091 | 152094 | 152099 | 152100 | 152102 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 152109 | 152114 | 152115 | 152130 | 152145 | 152151 | 152155 | 152157 | 152160 | 152167 | 152170 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 152172 | 152181 | 152182 | 152183 | 152187 | 152189 | 152240 | 152241 | 152244 | 152259 | 152265 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 152269 | 152287 | 152290 | 152299 | 152303 | 152305 | 152308 | 152314 | 152320 | 152326 | 152329 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 152331 | 152338 | 152341 | 152350 | 152351 | 152352 | 152357 | 152359 | 152365 | 152369 | 152374 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 152395 | 152396 | 152401 | 152402 | 152404 | 152408 | 152416 | 152417 | 152418 | 152422 | 152424 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 152428 | 152430 | 152434 | 152436 | 152438 | 152439 | 152446 | 152448 | 152458 | 152459 | 152465 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 152469 | 152470 | 152472 | 152485 | 152495 | 152498 | 152506 | 152515 | 152535 | 152538 | 152554 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 152556 | 152560 | 152561 | 152563 | 152564 | 152574 | 152580 | 152582 | 152584 | 152585 | 152600 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 1      |
| ## | 152612 | 152617 | 152618 | 152623 | 152629 | 152633 | 152634 | 152635 | 152636 | 152638 | 152641 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 152644 | 152646 | 152649 | 152651 | 152656 | 152658 | 152671 | 152681 | 152685 | 152689 | 152696 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 152700 | 152710 | 152711 | 152712 | 152715 | 152730 | 152731 | 152733 | 152737 | 152740 | 152745 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 152748 | 152754 | 152755 | 152770 | 152771 | 152773 | 152775 | 152776 | 152779 | 152780 | 152784 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 152786 | 152788 | 152794 | 152798 | 152800 | 152802 | 152812 | 152816 | 152817 | 152826 | 152830 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 152836 | 152842 | 152845 | 152851 | 152852 | 152854 | 152858 | 152868 | 152872 | 152881 | 152882 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 152891 | 152895 | 152901 | 152906 | 152920 | 152932 | 152946 | 152947 | 152960 | 152968 | 152969 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 152975 | 152978 | 152988 | 152992 | 153000 | 153014 | 153028 | 153031 | 153035 | 153036 | 153038 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 153047 | 153055 | 153058 | 153063 | 153067 | 153069 | 153073 | 153074 | 153077 | 153079 | 153083 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153086 | 153090 | 153095 | 153101 | 153106 | 153110 | 153113 | 153116 | 153118 | 153119 | 153120 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153121 | 153122 | 153125 | 153127 | 153136 | 153144 | 153145 | 153146 | 153153 | 153156 | 153159 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153160 | 153161 | 153166 | 153174 | 153175 | 153181 | 153184 | 153189 | 153190 | 153192 | 153201 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 153202 | 153207 | 153211 | 153214 | 153216 | 153226 | 153235 | 153237 | 153238 | 153241 | 153251 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 153253 | 153255 | 153261 | 153263 | 153268 | 153269 | 153271 | 153279 | 153282 | 153284 | 153292 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153293 | 153294 | 153312 | 153318 | 153319 | 153320 | 153326 | 153329 | 153333 | 153340 | 153344 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153346 | 153355 | 153360 | 153361 | 153365 | 153368 | 153373 | 153378 | 153379 | 153380 | 153385 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153393 | 153395 | 153399 | 153403 | 153408 | 153411 | 153412 | 153419 | 153427 | 153428 | 153430 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153434 | 153439 | 153444 | 153456 | 153463 | 153468 | 153478 | 153487 | 153488 | 153490 | 153509 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153512 | 153513 | 153516 | 153518 | 153534 | 153538 | 153545 | 153549 | 153551 | 153562 | 153564 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153566 | 153567 | 153568 | 153570 | 153571 | 153580 | 153583 | 153589 | 153591 | 153595 | 153596 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153613 | 153619 | 153621 | 153625 | 153629 | 153636 | 153641 | 153644 | 153645 | 153646 | 153651 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153652 | 153659 | 153676 | 153679 | 153688 | 153696 | 153700 | 153702 | 153735 | 153737 | 153739 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153741 | 153743 | 153747 | 153748 | 153749 | 153752 | 153768 | 153771 | 153778 | 153791 | 153792 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153801 | 153806 | 153810 | 153814 | 153821 | 153829 | 153832 | 153838 | 153840 | 153844 | 153858 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 153876 | 153888 | 153891 | 153904 | 153907 | 153908 | 153917 | 153932 | 153946 | 153953 | 153954 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 153961 | 153970 | 153971 | 153972 | 153974 | 153975 | 153979 | 153984 | 153996 | 153998 | 153999 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 154003 | 154007 | 154013 | 154017 | 154021 | 154023 | 154024 | 154025 | 154026 | 154028 | 154036 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      |
| ## | 154043 | 154047 | 154055 | 154081 | 154086 | 154087 | 154107 | 154108 | 154110 | 154120 | 154122 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 1      |
| ## | 154131 | 154139 | 154144 | 154158 | 154161 | 154164 | 154177 | 154184 | 154186 | 154188 | 154189 |
| ## | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 154194 | 154208 | 154213 | 154219 | 154223 | 154226 | 154232 | 154245 | 154259 | 154272 | 154274 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 154279 | 154280 | 154284 | 154293 | 154296 | 154297 | 154307 | 154334 | 154343 | 154346 | 154350 |
| ## | 1      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 154356 | 154363 | 154364 | 154367 | 154370 | 154378 | 154379 | 154397 | 154401 | 154403 | 154405 |
| ## | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 154407 | 154408 | 154413 | 154424 | 154431 | 154434 | 154439 | 154447 | 154448 | 154456 | 154466 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 154472 | 154488 | 154489 | 154496 | 154500 | 154501 | 154504 | 154506 | 154511 | 154514 | 154521 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 154525 | 154527 | 154528 | 154530 | 154536 | 154538 | 154541 | 154548 | 154553 | 154557 | 154558 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 154559 | 154561 | 154564 | 154577 | 154580 | 154582 | 154584 | 154585 | 154591 | 154593 | 154595 |
| ## | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 154598 | 154600 | 154613 | 154621 | 154626 | 154636 | 154637 | 154663 | 154672 | 154673 | 154692 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 1      | 1      | 1      |
| ## | 154693 | 154694 | 154698 | 154699 | 154702 | 154706 | 154709 | 154712 | 154720 | 154726 | 154737 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 1      | 1      | 0      |
| ## | 154750 | 154752 | 154753 | 154756 | 154760 | 154761 | 154763 | 154767 | 154772 | 154775 | 154780 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 154787 | 154797 | 154798 | 154799 | 154801 | 154806 | 154811 | 154814 | 154818 | 154819 | 154821 |
| ## | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      |
| ## | 154824 | 154830 | 154832 | 154849 | 154857 | 154859 | 154863 | 154874 | 154878 | 154880 | 154890 |
| ## | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      |
| ## | 154899 | 154905 | 154907 | 154918 | 154919 | 154931 | 154935 | 154936 | 154938 | 154941 | 154944 |
| ## | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 154950 | 154953 | 154971 | 154974 | 154975 | 154976 | 154981 | 154983 | 154986 | 154989 | 154991 |
| ## | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 0      | 0      | 1      |
| ## | 155010 | 155026 | 155040 | 155045 | 155047 | 155052 | 155054 | 155064 | 155067 | 155072 | 155075 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 155076 | 155078 | 155086 | 155087 | 155088 | 155097 | 155102 | 155103 | 155105 | 155107 | 155109 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 155111 | 155112 | 155122 | 155129 | 155135 | 155141 | 155145 | 155150 | 155153 | 155155 | 155157 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 155163 | 155167 | 155170 | 155171 | 155176 | 155177 | 155189 | 155194 | 155197 | 155205 | 155207 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 155208 | 155212 | 155214 | 155216 | 155218 | 155230 | 155231 | 155233 | 155245 | 155252 | 155259 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 155269 | 155271 | 155278 | 155281 | 155285 | 155290 | 155291 | 155297 | 155304 | 155305 | 155308 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 155312 | 155313 | 155331 | 155332 | 155333 | 155336 | 155354 | 155355 | 155356 | 155365 | 155382 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 155385 | 155386 | 155395 | 155396 | 155399 | 155407 | 155410 | 155415 | 155417 | 155420 | 155441 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 155448 | 155455 | 155465 | 155469 | 155472 | 155476 | 155480 | 155482 | 155485 | 155489 | 155491 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 155507 | 155509 | 155510 | 155513 | 155515 | 155519 | 155520 | 155521 | 155531 | 155532 | 155537 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 155540 | 155546 | 155548 | 155552 | 155568 | 155569 | 155583 | 155593 | 155596 | 155597 | 155599 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 155600 | 155601 | 155602 | 155603 | 155604 | 155606 | 155609 | 155635 | 155638 | 155640 | 155642 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 155645 | 155655 | 155658 | 155666 | 155667 | 155669 | 155676 | 155681 | 155694 | 155695 | 155696 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 155703 | 155704 | 155710 | 155712 | 155716 | 155717 | 155726 | 155734 | 155738 | 155758 | 155760 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 155762 | 155763 | 155766 | 155767 | 155768 | 155775 | 155778 | 155784 | 155786 | 155787 | 155794 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 155795 | 155800 | 155802 | 155804 | 155808 | 155812 | 155813 | 155815 | 155827 | 155828 | 155830 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 155837 | 155846 | 155851 | 155862 | 155863 | 155865 | 155870 | 155879 | 155882 | 155883 | 155885 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 155893 | 155894 | 155896 | 155906 | 155915 | 155919 | 155924 | 155925 | 155932 | 155934 | 155941 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 155951 | 155953 | 155956 | 155959 | 155961 | 155967 | 155968 | 155973 | 155975 | 155978 | 155980 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      |
| ## | 155983 | 155993 | 155995 | 155998 | 156016 | 156019 | 156033 | 156035 | 156036 | 156041 | 156047 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 1      |
| ## | 156049 | 156053 | 156064 | 156077 | 156079 | 156081 | 156087 | 156088 | 156089 | 156090 | 156099 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 156104 | 156109 | 156121 | 156125 | 156130 | 156131 | 156135 | 156145 | 156146 | 156147 | 156150 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 156156 | 156157 | 156162 | 156171 | 156175 | 156188 | 156192 | 156197 | 156202 | 156209 | 156211 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 156241 | 156254 | 156262 | 156263 | 156264 | 156267 | 156268 | 156279 | 156280 | 156282 | 156283 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 156284 | 156287 | 156289 | 156290 | 156294 | 156304 | 156307 | 156310 | 156315 | 156320 | 156326 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 1      |
| ## | 156328 | 156330 | 156338 | 156340 | 156341 | 156343 | 156345 | 156346 | 156351 | 156353 | 156356 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 156358 | 156361 | 156366 | 156371 | 156374 | 156375 | 156377 | 156380 | 156383 | 156395 | 156404 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 156427 | 156428 | 156432 | 156435 | 156441 | 156451 | 156452 | 156455 | 156457 | 156462 | 156465 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 156469 | 156474 | 156486 | 156503 | 156507 | 156511 | 156513 | 156514 | 156534 | 156535 | 156540 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 156544 | 156547 | 156548 | 156553 | 156555 | 156556 | 156560 | 156562 | 156573 | 156574 | 156576 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 156583 | 156586 | 156587 | 156593 | 156594 | 156603 | 156616 | 156618 | 156621 | 156629 | 156633 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 156634 | 156636 | 156642 | 156650 | 156652 | 156658 | 156661 | 156662 | 156664 | 156670 | 156677 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 156678 | 156707 | 156708 | 156713 | 156714 | 156715 | 156720 | 156737 | 156740 | 156747 | 156752 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 156755 | 156762 | 156768 | 156771 | 156778 | 156781 | 156786 | 156789 | 156796 | 156797 | 156807 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 156811 | 156812 | 156816 | 156817 | 156823 | 156826 | 156842 | 156845 | 156846 | 156857 | 156881 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 156882 | 156885 | 156889 | 156891 | 156893 | 156897 | 156901 | 156907 | 156911 | 156914 | 156920 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 156921 | 156923 | 156931 | 156937 | 156946 | 156947 | 156950 | 156951 | 156954 | 156956 | 156958 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 156959 | 156963 | 156970 | 156974 | 156975 | 156979 | 156981 | 156991 | 156993 | 156997 | 157001 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 157004 | 157005 | 157008 | 157011 | 157015 | 157021 | 157023 | 157030 | 157037 | 157043 | 157047 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 157056 | 157059 | 157060 | 157063 | 157067 | 157074 | 157089 | 157091 | 157099 | 157101 | 157102 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 157105 | 157107 | 157110 | 157124 | 157128 | 157131 | 157134 | 157137 | 157139 | 157142 | 157143 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 157144 | 157145 | 157146 | 157154 | 157167 | 157172 | 157183 | 157188 | 157190 | 157191 | 157192 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 157197 | 157200 | 157203 | 157204 | 157224 | 157229 | 157234 | 157242 | 157252 | 157254 | 157256 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 157258 | 157261 | 157265 | 157280 | 157282 | 157286 | 157287 | 157294 | 157296 | 157303 | 157304 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 157316 | 157322 | 157326 | 157330 | 157334 | 157340 | 157357 | 157359 | 157360 | 157363 | 157376 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 157377 | 157385 | 157390 | 157391 | 157394 | 157398 | 157407 | 157416 | 157423 | 157426 | 157427 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 157431 | 157444 | 157448 | 157451 | 157454 | 157457 | 157467 | 157469 | 157470 | 157471 | 157474 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 157477 | 157481 | 157483 | 157489 | 157498 | 157499 | 157500 | 157503 | 157505 | 157511 | 157513 |
| ## | 0      | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 0      | 0      |
| ## | 157529 | 157541 | 157542 | 157560 | 157561 | 157576 | 157578 | 157585 | 157587 | 157589 | 157593 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 157596 | 157600 | 157607 | 157610 | 157614 | 157615 | 157620 | 157624 | 157635 | 157647 | 157654 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 157659 | 157661 | 157662 | 157663 | 157666 | 157671 | 157672 | 157675 | 157676 | 157677 | 157685 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 157690 | 157696 | 157697 | 157701 | 157706 | 157713 | 157715 | 157719 | 157720 | 157725 | 157733 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 157739 | 157742 | 157743 | 157744 | 157756 | 157763 | 157765 | 157769 | 157770 | 157772 | 157773 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 157782 | 157810 | 157813 | 157814 | 157821 | 157826 | 157827 | 157828 | 157830 | 157832 | 157840 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 157850 | 157858 | 157861 | 157863 | 157865 | 157867 | 157874 | 157883 | 157894 | 157901 | 157909 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 157912 | 157913 | 157915 | 157916 | 157928 | 157933 | 157937 | 157939 | 157941 | 157942 | 157946 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 157947 | 157949 | 157971 | 157975 | 157984 | 157987 | 157991 | 157994 | 157995 | 158001 | 158007 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 158014 | 158016 | 158017 | 158018 | 158020 | 158022 | 158025 | 158028 | 158031 | 158047 | 158053 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 158066 | 158070 | 158080 | 158092 | 158098 | 158104 | 158119 | 158123 | 158131 | 158134 | 158147 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 158153 | 158158 | 158165 | 158180 | 158186 | 158191 | 158199 | 158214 | 158215 | 158228 | 158229 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 158230 | 158232 | 158237 | 158239 | 158242 | 158243 | 158246 | 158249 | 158255 | 158262 | 158276 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 158279 | 158285 | 158286 | 158301 | 158304 | 158308 | 158315 | 158317 | 158318 | 158322 | 158325 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 158329 | 158330 | 158335 | 158336 | 158341 | 158348 | 158350 | 158351 | 158359 | 158377 | 158380 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 158382 | 158384 | 158388 | 158391 | 158400 | 158419 | 158422 | 158426 | 158431 | 158440 | 158443 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 158454 | 158458 | 158464 | 158465 | 158469 | 158472 | 158473 | 158474 | 158477 | 158484 | 158485 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 158486 | 158504 | 158505 | 158506 | 158508 | 158515 | 158526 | 158547 | 158550 | 158552 | 158570 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 158572 | 158578 | 158581 | 158585 | 158588 | 158596 | 158597 | 158598 | 158608 | 158610 | 158611 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 158614 | 158622 | 158639 | 158644 | 158657 | 158660 | 158662 | 158666 | 158672 | 158679 | 158685 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 158695 | 158701 | 158708 | 158711 | 158718 | 158722 | 158723 | 158737 | 158738 | 158746 | 158747 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 158752 | 158753 | 158754 | 158756 | 158757 | 158763 | 158769 | 158770 | 158775 | 158782 | 158786 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 158787 | 158788 | 158789 | 158792 | 158802 | 158804 | 158805 | 158808 | 158811 | 158814 | 158815 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 158816 | 158818 | 158824 | 158828 | 158833 | 158836 | 158841 | 158842 | 158843 | 158856 | 158857 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 158860 | 158866 | 158867 | 158875 | 158877 | 158884 | 158891 | 158901 | 158908 | 158910 | 158915 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 158930 | 158933 | 158945 | 158947 | 158948 | 158950 | 158953 | 158954 | 158956 | 158961 | 158965 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 158967 | 158970 | 158974 | 158984 | 158986 | 158987 | 158993 | 158998 | 159011 | 159013 | 159018 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 159035 | 159045 | 159046 | 159050 | 159052 | 159057 | 159063 | 159073 | 159075 | 159077 | 159080 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 159083 | 159093 | 159095 | 159108 | 159112 | 159121 | 159123 | 159133 | 159135 | 159150 | 159155 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 159157 | 159168 | 159174 | 159175 | 159181 | 159183 | 159189 | 159202 | 159213 | 159214 | 159220 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 159233 | 159239 | 159242 | 159244 | 159249 | 159253 | 159258 | 159269 | 159277 | 159285 | 159299 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 159318 | 159320 | 159322 | 159323 | 159335 | 159336 | 159340 | 159354 | 159358 | 159362 | 159372 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 159383 | 159385 | 159386 | 159387 | 159397 | 159405 | 159408 | 159411 | 159435 | 159445 | 159449 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 159450 | 159454 | 159456 | 159465 | 159472 | 159475 | 159476 | 159477 | 159479 | 159480 | 159481 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 159488 | 159501 | 159505 | 159507 | 159508 | 159514 | 159515 | 159531 | 159538 | 159547 | 159549 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 159559 | 159565 | 159570 | 159576 | 159585 | 159586 | 159592 | 159594 | 159596 | 159603 | 159605 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 159614 | 159618 | 159619 | 159624 | 159631 | 159632 | 159638 | 159640 | 159641 | 159648 | 159652 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 159653 | 159654 | 159667 | 159674 | 159678 | 159681 | 159684 | 159703 | 159704 | 159706 | 159707 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 159708 | 159709 | 159715 | 159716 | 159721 | 159729 | 159733 | 159737 | 159742 | 159744 | 159745 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 159754 | 159760 | 159765 | 159766 | 159781 | 159783 | 159790 | 159793 | 159794 | 159795 | 159805 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 159806 | 159809 | 159811 | 159819 | 159825 | 159827 | 159830 | 159843 | 159844 | 159848 | 159849 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 159850 | 159853 | 159858 | 159859 | 159860 | 159864 | 159876 | 159879 | 159890 | 159893 | 159896 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 159899 | 159908 | 159915 | 159919 | 159924 | 159929 | 159932 | 159938 | 159942 | 159943 | 159949 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 159951 | 159965 | 159966 | 159974 | 159975 | 159978 | 159993 | 160002 | 160003 | 160011 | 160012 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 160020 | 160023 | 160039 | 160041 | 160045 | 160049 | 160052 | 160053 | 160059 | 160066 | 160072 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 160074 | 160080 | 160084 | 160085 | 160088 | 160090 | 160102 | 160103 | 160109 | 160115 | 160118 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 1      |
| ## | 160122 | 160131 | 160135 | 160139 | 160146 | 160147 | 160149 | 160157 | 160161 | 160162 | 160164 |
| ## | 0      | 1      | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 1      |
| ## | 160166 | 160173 | 160175 | 160177 | 160182 | 160185 | 160191 | 160210 | 160211 | 160214 | 160225 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 160226 | 160227 | 160229 | 160231 | 160234 | 160235 | 160239 | 160246 | 160255 | 160257 | 160263 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 0      |
| ## | 160264 | 160272 | 160277 | 160282 | 160288 | 160293 | 160294 | 160299 | 160301 | 160302 | 160303 |
| ## | 0      | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 160305 | 160306 | 160307 | 160309 | 160314 | 160315 | 160328 | 160332 | 160333 | 160336 | 160338 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 160340 | 160368 | 160370 | 160374 | 160379 | 160381 | 160382 | 160385 | 160401 | 160406 | 160412 |
| ## | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 160426 | 160438 | 160455 | 160460 | 160461 | 160467 | 160468 | 160469 | 160471 | 160475 | 160476 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 0      |
| ## | 160478 | 160481 | 160489 | 160490 | 160494 | 160497 | 160501 | 160503 | 160507 | 160519 | 160528 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 1      | 0      |
| ## | 160529 | 160536 | 160544 | 160545 | 160548 | 160559 | 160564 | 160570 | 160577 | 160580 | 160583 |
| ## | 0      | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 160591 | 160610 | 160618 | 160623 | 160627 | 160629 | 160639 | 160641 | 160656 | 160663 | 160681 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 160683 | 160706 | 160712 | 160716 | 160723 | 160744 | 160750 | 160757 | 160759 | 160765 | 160768 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 0      |
| ## | 160769 | 160771 | 160775 | 160776 | 160784 | 160790 | 160796 | 160800 | 160804 | 160805 | 160809 |
| ## | 0      | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 0      | 0      |
| ## | 160813 | 160818 | 160820 | 160829 | 160830 | 160832 | 160834 | 160838 | 160840 | 160858 | 160860 |
| ## | 0      | 1      | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 0      |
| ## | 160867 | 160869 | 160873 | 160880 | 160893 | 160895 | 160902 | 160904 | 160905 | 160921 | 160925 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      |
| ## | 160926 | 160929 | 160935 | 160944 | 160948 | 160949 | 160950 | 160951 | 160957 | 160959 | 160961 |
| ## | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      |
| ## | 160962 | 160964 | 160967 | 160968 | 160977 | 160982 | 160985 | 160987 | 160992 | 160998 | 161000 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 161001 | 161002 | 161014 | 161022 | 161023 | 161030 | 161034 | 161037 | 161038 | 161039 | 161042 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      |
| ## | 161044 | 161054 | 161065 | 161066 | 161072 | 161074 | 161085 | 161087 | 161090 | 161091 | 161093 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 1      |
| ## | 161096 | 161101 | 161115 | 161144 | 161145 | 161149 | 161165 | 161175 | 161176 | 161181 | 161187 |
| ## | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 0      |
| ## | 161188 | 161189 | 161204 | 161210 | 161215 | 161216 | 161218 | 161222 | 161224 | 161229 | 161234 |
| ## | 1      | 0      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 161235 | 161240 | 161241 | 161250 | 161253 | 161255 | 161259 | 161268 | 161273 | 161283 | 161300 |
| ## | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 0      |
| ## | 161301 | 161306 | 161315 | 161317 | 161332 | 161333 | 161335 | 161336 | 161346 | 161350 | 161353 |
| ## | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 161354 | 161355 | 161361 | 161364 | 161370 | 161372 | 161373 | 161374 | 161375 | 161378 | 161384 |
| ## | 1      | 1      | 1      | 1      | 0      | 0      | 1      | 0      | 1      | 1      | 1      |
| ## | 161387 | 161390 | 161392 | 161399 | 161400 | 161403 | 161410 | 161411 | 161413 | 161422 | 161431 |
| ## | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 161436 | 161443 | 161444 | 161455 | 161458 | 161460 | 161461 | 161465 | 161469 | 161475 | 161482 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 161483 | 161491 | 161495 | 161501 | 161503 | 161513 | 161520 | 161529 | 161530 | 161537 | 161548 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 161559 | 161567 | 161579 | 161582 | 161588 | 161589 | 161599 | 161602 | 161607 | 161609 | 161623 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 161633 | 161638 | 161641 | 161642 | 161643 | 161648 | 161657 | 161660 | 161662 | 161687 | 161688 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 161690 | 161693 | 161694 | 161698 | 161703 | 161707 | 161708 | 161711 | 161722 | 161725 | 161727 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      |
| ## | 161736 | 161740 | 161742 | 161744 | 161746 | 161751 | 161768 | 161770 | 161774 | 161782 | 161791 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 161797 | 161812 | 161820 | 161829 | 161831 | 161832 | 161836 | 161839 | 161840 | 161841 | 161845 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 161849 | 161863 | 161869 | 161871 | 161875 | 161876 | 161877 | 161879 | 161885 | 161886 | 161891 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 161896 | 161902 | 161906 | 161907 | 161913 | 161921 | 161922 | 161926 | 161937 | 161940 | 161949 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 161953 | 161957 | 161960 | 161961 | 161975 | 161977 | 162001 | 162002 | 162009 | 162012 | 162013 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 162016 | 162023 | 162032 | 162035 | 162036 | 162042 | 162043 | 162052 | 162061 | 162064 | 162067 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 162077 | 162083 | 162087 | 162095 | 162102 | 162104 | 162107 | 162109 | 162120 | 162127 | 162129 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 162137 | 162141 | 162153 | 162157 | 162164 | 162166 | 162171 | 162172 | 162179 | 162182 | 162191 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 162196 | 162206 | 162207 | 162217 | 162218 | 162219 | 162230 | 162237 | 162238 | 162243 | 162248 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 162250 | 162252 | 162253 | 162257 | 162260 | 162261 | 162263 | 162264 | 162268 | 162270 | 162276 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 162280 | 162287 | 162289 | 162293 | 162305 | 162316 | 162322 | 162330 | 162335 | 162338 | 162339 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 162341 | 162348 | 162350 | 162351 | 162355 | 162356 | 162363 | 162372 | 162373 | 162376 | 162383 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 162389 | 162393 | 162397 | 162403 | 162409 | 162411 | 162414 | 162427 | 162431 | 162432 | 162446 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 162451 | 162453 | 162458 | 162463 | 162469 | 162482 | 162487 | 162494 | 162499 | 162500 | 162503 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 162519 | 162523 | 162524 | 162529 | 162531 | 162534 | 162539 | 162541 | 162545 | 162548 | 162551 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 162556 | 162561 | 162587 | 162590 | 162596 | 162600 | 162604 | 162608 | 162610 | 162611 | 162613 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 162618 | 162623 | 162631 | 162633 | 162644 | 162649 | 162651 | 162655 | 162657 | 162661 | 162662 |
| ## | 1      | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 1      | 1      | 0      |
| ## | 162663 | 162666 | 162670 | 162672 | 162686 | 162688 | 162690 | 162691 | 162694 | 162696 | 162700 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 162704 | 162705 | 162717 | 162723 | 162724 | 162729 | 162730 | 162736 | 162740 | 162746 | 162747 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 162761 | 162762 | 162764 | 162765 | 162771 | 162776 | 162777 | 162780 | 162783 | 162784 | 162785 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 162787 | 162793 | 162794 | 162799 | 162801 | 162804 | 162807 | 162810 | 162816 | 162817 | 162828 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 162830 | 162832 | 162836 | 162840 | 162861 | 162872 | 162878 | 162879 | 162880 | 162881 | 162892 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 162893 | 162909 | 162915 | 162916 | 162919 | 162929 | 162932 | 162939 | 162941 | 162942 | 162945 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 162948 | 162949 | 162954 | 162962 | 162969 | 162970 | 162974 | 162978 | 162984 | 162988 | 163000 |



|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 163024 | 163030 | 163040 | 163044 | 163050 | 163053 | 163054 | 163060 | 163064 | 163066 | 163067 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 163068 | 163069 | 163086 | 163087 | 163089 | 163095 | 163097 | 163100 | 163115 | 163121 | 163128 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 163131 | 163132 | 163133 | 163134 | 163141 | 163152 | 163158 | 163161 | 163171 | 163175 | 163178 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 163179 | 163185 | 163188 | 163193 | 163194 | 163199 | 163202 | 163208 | 163209 | 163225 | 163228 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 163231 | 163237 | 163238 | 163240 | 163242 | 163244 | 163249 | 163255 | 163256 | 163259 | 163261 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 163262 | 163263 | 163265 | 163269 | 163275 | 163278 | 163279 | 163281 | 163282 | 163283 | 163284 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 163294 | 163301 | 163303 | 163313 | 163315 | 163329 | 163333 | 163338 | 163340 | 163349 | 163351 |
| ## | 0      | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 163359 | 163364 | 163373 | 163377 | 163379 | 163380 | 163382 | 163388 | 163391 | 163392 | 163396 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 163399 | 163400 | 163401 | 163416 | 163418 | 163430 | 163432 | 163438 | 163445 | 163449 | 163456 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 163460 | 163461 | 163463 | 163466 | 163477 | 163488 | 163500 | 163504 | 163507 | 163511 | 163515 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 163523 | 163524 | 163533 | 163543 | 163546 | 163549 | 163555 | 163563 | 163564 | 163576 | 163580 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 163591 | 163596 | 163598 | 163601 | 163603 | 163604 | 163606 | 163610 | 163622 | 163625 | 163630 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 1      |
| ## | 163637 | 163639 | 163641 | 163650 | 163653 | 163656 | 163658 | 163663 | 163665 | 163673 | 163681 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 163692 | 163695 | 163696 | 163702 | 163706 | 163707 | 163708 | 163716 | 163718 | 163724 | 163751 |
| ## | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 163752 | 163753 | 163756 | 163777 | 163781 | 163782 | 163785 | 163789 | 163790 | 163796 | 163798 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 163809 | 163810 | 163812 | 163814 | 163821 | 163825 | 163827 | 163835 | 163836 | 163837 | 163838 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 163844 | 163850 | 163851 | 163852 | 163859 | 163871 | 163874 | 163878 | 163879 | 163883 | 163884 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 163885 | 163886 | 163889 | 163893 | 163903 | 163917 | 163927 | 163929 | 163935 | 163936 | 163937 |
| ## | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 163946 | 163949 | 163951 | 163954 | 163957 | 163962 | 163967 | 163968 | 163975 | 163978 | 163988 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 163989 | 163990 | 163993 | 163999 | 164002 | 164011 | 164013 | 164015 | 164017 | 164028 | 164040 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164053 | 164054 | 164055 | 164064 | 164071 | 164072 | 164078 | 164081 | 164084 | 164085 | 164086 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 164087 | 164098 | 164100 | 164104 | 164106 | 164109 | 164112 | 164113 | 164122 | 164123 | 164124 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 164125 | 164128 | 164138 | 164139 | 164140 | 164150 | 164153 | 164155 | 164158 | 164160 | 164162 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 164163 | 164171 | 164182 | 164183 | 164186 | 164196 | 164208 | 164212 | 164220 | 164222 | 164223 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 164224 | 164230 | 164240 | 164244 | 164245 | 164257 | 164262 | 164263 | 164269 | 164270 | 164282 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164283 | 164291 | 164294 | 164296 | 164297 | 164299 | 164300 | 164315 | 164318 | 164328 | 164333 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164338 | 164339 | 164340 | 164342 | 164345 | 164349 | 164359 | 164363 | 164365 | 164376 | 164386 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 164388 | 164394 | 164395 | 164404 | 164418 | 164431 | 164434 | 164445 | 164452 | 164453 | 164459 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164470 | 164479 | 164489 | 164491 | 164498 | 164504 | 164515 | 164533 | 164539 | 164546 | 164560 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164561 | 164577 | 164585 | 164589 | 164601 | 164602 | 164604 | 164606 | 164608 | 164613 | 164614 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164617 | 164618 | 164619 | 164621 | 164637 | 164638 | 164644 | 164650 | 164652 | 164656 | 164658 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164660 | 164664 | 164665 | 164671 | 164672 | 164673 | 164676 | 164678 | 164679 | 164682 | 164691 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164695 | 164696 | 164697 | 164702 | 164705 | 164709 | 164712 | 164716 | 164717 | 164719 | 164721 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164728 | 164729 | 164731 | 164737 | 164739 | 164744 | 164748 | 164752 | 164753 | 164761 | 164767 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164770 | 164775 | 164783 | 164791 | 164794 | 164804 | 164812 | 164820 | 164825 | 164826 | 164831 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164832 | 164836 | 164837 | 164842 | 164846 | 164848 | 164850 | 164851 | 164856 | 164862 | 164864 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164866 | 164871 | 164876 | 164877 | 164880 | 164882 | 164883 | 164886 | 164887 | 164891 | 164907 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164911 | 164912 | 164914 | 164915 | 164916 | 164922 | 164930 | 164937 | 164938 | 164939 | 164940 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 164944 | 164960 | 164963 | 164965 | 164970 | 164973 | 164977 | 164982 | 164985 | 164986 | 164989 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 165010 | 165015 | 165037 | 165041 | 165045 | 165056 | 165057 | 165079 | 165081 | 165082 | 165089 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 165094 | 165097 | 165105 | 165107 | 165110 | 165117 | 165120 | 165129 | 165144 | 165155 | 165160 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 165165 | 165176 | 165179 | 165182 | 165187 | 165191 | 165203 | 165209 | 165214 | 165229 | 165238 |
| ## | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 165239 | 165244 | 165255 | 165256 | 165267 | 165268 | 165270 | 165273 | 165276 | 165280 | 165281 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 1      |
| ## | 165282 | 165287 | 165289 | 165292 | 165294 | 165298 | 165300 | 165302 | 165304 | 165311 | 165312 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 165319 | 165327 | 165332 | 165341 | 165349 | 165350 | 165353 | 165357 | 165365 | 165367 | 165372 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 165373 | 165380 | 165382 | 165383 | 165401 | 165413 | 165418 | 165427 | 165430 | 165432 | 165442 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 165445 | 165452 | 165453 | 165457 | 165463 | 165464 | 165465 | 165474 | 165475 | 165476 | 165477 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 165479 | 165480 | 165483 | 165487 | 165492 | 165498 | 165499 | 165500 | 165507 | 165510 | 165517 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 165518 | 165522 | 165528 | 165529 | 165531 | 165535 | 165542 | 165545 | 165546 | 165553 | 165556 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 165557 | 165566 | 165567 | 165569 | 165572 | 165573 | 165577 | 165579 | 165593 | 165594 | 165595 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 165600 | 165601 | 165607 | 165608 | 165611 | 165612 | 165615 | 165616 | 165627 | 165632 | 165639 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 165642 | 165648 | 165649 | 165664 | 165665 | 165669 | 165676 | 165683 | 165695 | 165697 | 165713 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 165714 | 165717 | 165729 | 165731 | 165734 | 165741 | 165746 | 165760 | 165762 | 165763 | 165767 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 165769 | 165771 | 165783 | 165786 | 165793 | 165799 | 165800 | 165802 | 165804 | 165811 | 165812 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 165819 | 165822 | 165830 | 165833 | 165838 | 165851 | 165864 | 165876 | 165880 | 165889 | 165890 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 165893 | 165906 | 165915 | 165921 | 165922 | 165938 | 165941 | 165942 | 165945 | 165949 | 165952 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 165956 | 165962 | 165964 | 165976 | 165978 | 165985 | 165987 | 165992 | 165994 | 165998 | 166001 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 166003 | 166004 | 166007 | 166008 | 166020 | 166023 | 166028 | 166031 | 166033 | 166035 | 166041 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 166046 | 166049 | 166058 | 166071 | 166075 | 166080 | 166086 | 166088 | 166093 | 166098 | 166117 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 166121 | 166126 | 166127 | 166131 | 166136 | 166139 | 166143 | 166147 | 166150 | 166152 | 166169 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 166179 | 166186 | 166187 | 166189 | 166190 | 166194 | 166198 | 166200 | 166204 | 166209 | 166216 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 166217 | 166225 | 166231 | 166234 | 166238 | 166241 | 166250 | 166251 | 166271 | 166277 | 166280 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 166282 | 166283 | 166285 | 166287 | 166292 | 166294 | 166295 | 166298 | 166303 | 166304 | 166305 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 166311 | 166313 | 166315 | 166320 | 166321 | 166326 | 166332 | 166335 | 166342 | 166343 | 166349 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 166354 | 166358 | 166360 | 166365 | 166366 | 166370 | 166374 | 166375 | 166384 | 166386 | 166391 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 166393 | 166421 | 166426 | 166428 | 166430 | 166431 | 166442 | 166445 | 166459 | 166462 | 166464 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 166469 | 166472 | 166473 | 166483 | 166491 | 166501 | 166507 | 166518 | 166520 | 166521 | 166522 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 1      |
| ## | 166523 | 166525 | 166527 | 166529 | 166530 | 166531 | 166533 | 166535 | 166537 | 166543 | 166558 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 166564 | 166570 | 166574 | 166575 | 166576 | 166579 | 166599 | 166609 | 166610 | 166619 | 166621 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 166622 | 166630 | 166632 | 166637 | 166639 | 166645 | 166647 | 166648 | 166649 | 166656 | 166658 |
| ## | 0      | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 166660 | 166664 | 166668 | 166671 | 166674 | 166682 | 166683 | 166686 | 166691 | 166693 | 166699 |
| ## | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 166701 | 166705 | 166709 | 166726 | 166727 | 166729 | 166731 | 166732 | 166739 | 166748 | 166749 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 166752 | 166755 | 166759 | 166768 | 166770 | 166771 | 166772 | 166781 | 166782 | 166785 | 166787 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 1      |
| ## | 166795 | 166797 | 166803 | 166812 | 166814 | 166820 | 166822 | 166825 | 166838 | 166842 | 166845 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 166846 | 166851 | 166857 | 166859 | 166861 | 166866 | 166867 | 166868 | 166885 | 166895 | 166901 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 166902 | 166906 | 166916 | 166919 | 166920 | 166928 | 166932 | 166935 | 166937 | 166940 | 166942 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 166949 | 166950 | 166952 | 166954 | 166956 | 166957 | 166961 | 166975 | 166982 | 166989 | 166990 |
| ## | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 1      |
| ## | 166994 | 167000 | 167001 | 167006 | 167022 | 167024 | 167026 | 167028 | 167035 | 167039 | 167042 |
| ## | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 0      |
| ## | 167047 | 167048 | 167055 | 167057 | 167065 | 167067 | 167068 | 167070 | 167072 | 167076 | 167077 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 167082 | 167083 | 167090 | 167091 | 167092 | 167094 | 167101 | 167112 | 167116 | 167119 | 167131 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 167134 | 167138 | 167143 | 167149 | 167155 | 167156 | 167158 | 167160 | 167167 | 167168 | 167171 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 1      | 0      |
| ## | 167175 | 167178 | 167181 | 167182 | 167187 | 167190 | 167191 | 167192 | 167199 | 167200 | 167206 |
| ## | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      |
| ## | 167207 | 167224 | 167234 | 167239 | 167240 | 167241 | 167253 | 167257 | 167260 | 167262 | 167264 |
| ## | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 1      | 0      |
| ## | 167265 | 167267 | 167268 | 167269 | 167271 | 167284 | 167288 | 167299 | 167309 | 167321 | 167323 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 0      | 1      |
| ## | 167324 | 167334 | 167342 | 167344 | 167354 | 167355 | 167373 | 167375 | 167379 | 167403 | 167420 |
| ## | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 1      | 1      |
| ## | 167421 | 167424 | 167428 | 167429 | 167445 | 167447 | 167452 | 167453 | 167458 | 167466 | 167467 |
| ## | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 0      | 1      |
| ## | 167469 | 167478 | 167480 | 167482 | 167487 | 167488 | 167489 | 167494 | 167499 | 167505 | 167506 |
| ## | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 167510 | 167516 | 167523 | 167524 | 167526 | 167528 | 167534 | 167536 | 167538 | 167540 | 167551 |
| ## | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 167557 | 167568 | 167572 | 167574 | 167575 | 167583 | 167586 | 167595 | 167596 | 167599 | 167601 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 167606 | 167610 | 167614 | 167616 | 167620 | 167623 | 167624 | 167633 | 167659 | 167665 | 167666 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 167682 | 167685 | 167688 | 167693 | 167694 | 167706 | 167708 | 167713 | 167717 | 167725 | 167739 |
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 167743 | 167746 | 167750 | 167757 | 167758 | 167760 | 167776 | 167778 | 167781 | 167783 | 167798 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 167800 | 167803 | 167807 | 167815 | 167818 | 167822 | 167832 | 167835 | 167842 | 167843 | 167848 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 167852 | 167855 | 167858 | 167859 | 167866 | 167868 | 167879 | 167882 | 167883 | 167890 | 167921 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 167923 | 167928 | 167934 | 167938 | 167946 | 167949 | 167957 | 167958 | 167964 | 167971 | 167972 |
| ## | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 167974 | 167982 | 167988 | 167989 | 167990 | 167991 | 167996 | 168003 | 168004 | 168005 | 168008 |
| ## | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 168016 | 168020 | 168029 | 168041 | 168052 | 168055 | 168064 | 168070 | 168071 | 168077 | 168099 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 168100 | 168102 | 168117 | 168119 | 168123 | 168124 | 168135 | 168143 | 168144 | 168146 | 168154 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 168158 | 168164 | 168175 | 168183 | 168186 | 168189 | 168192 | 168193 | 168199 | 168201 | 168205 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 168208 | 168210 | 168214 | 168215 | 168219 | 168229 | 168238 | 168245 | 168248 | 168255 | 168256 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 168257 | 168258 | 168259 | 168266 | 168272 | 168279 | 168282 | 168284 | 168291 | 168294 | 168302 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 168319 | 168321 | 168331 | 168332 | 168339 | 168340 | 168346 | 168362 | 168370 | 168372 | 168373 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 168385 | 168386 | 168387 | 168388 | 168393 | 168398 | 168404 | 168406 | 168417 | 168436 | 168439 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 168441 | 168442 | 168443 | 168446 | 168458 | 168459 | 168460 | 168464 | 168476 | 168486 | 168488 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 168504 | 168510 | 168513 | 168517 | 168519 | 168520 | 168532 | 168533 | 168536 | 168539 | 168545 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 168554 | 168559 | 168571 | 168573 | 168581 | 168582 | 168587 | 168599 | 168602 | 168603 | 168604 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 1      |
| ## | 168605 | 168606 | 168607 | 168613 | 168615 | 168617 | 168618 | 168627 | 168637 | 168643 | 168647 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 168649 | 168659 | 168661 | 168667 | 168679 | 168682 | 168689 | 168691 | 168699 | 168701 | 168704 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 168708 | 168709 | 168712 | 168716 | 168721 | 168723 | 168731 | 168740 | 168754 | 168758 | 168764 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 168768 | 168770 | 168772 | 168784 | 168785 | 168787 | 168795 | 168801 | 168805 | 168812 | 168816 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 168819 | 168821 | 168825 | 168826 | 168828 | 168833 | 168834 | 168835 | 168836 | 168845 | 168846 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 168852 | 168857 | 168859 | 168872 | 168876 | 168882 | 168886 | 168890 | 168891 | 168896 | 168898 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 168901 | 168906 | 168910 | 168911 | 168913 | 168914 | 168916 | 168920 | 168930 | 168934 | 168938 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 168940 | 168944 | 168946 | 168968 | 168971 | 168978 | 168979 | 168982 | 168983 | 168986 | 169015 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      |
| ## | 169016 | 169023 | 169040 | 169051 | 169052 | 169055 | 169059 | 169069 | 169076 | 169078 | 169082 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 169085 | 169096 | 169099 | 169100 | 169109 | 169112 | 169114 | 169117 | 169124 | 169127 | 169130 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 169134 | 169144 | 169150 | 169156 | 169159 | 169160 | 169163 | 169164 | 169168 | 169179 | 169180 |
| ## | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 169181 | 169184 | 169186 | 169187 | 169188 | 169190 | 169193 | 169196 | 169197 | 169203 | 169210 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 169219 | 169224 | 169228 | 169229 | 169233 | 169234 | 169240 | 169241 | 169245 | 169247 | 169251 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 169255 | 169260 | 169265 | 169269 | 169278 | 169287 | 169291 | 169294 | 169296 | 169299 | 169300 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 169309 | 169312 | 169320 | 169322 | 169342 | 169344 | 169345 | 169352 | 169353 | 169382 | 169386 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 169392 | 169404 | 169413 | 169418 | 169419 | 169422 | 169426 | 169428 | 169430 | 169432 | 169434 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 169445 | 169450 | 169451 | 169454 | 169455 | 169456 | 169459 | 169461 | 169465 | 169475 | 169482 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 169484 | 169486 | 169487 | 169494 | 169500 | 169502 | 169510 | 169519 | 169520 | 169528 | 169530 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 169541 | 169542 | 169548 | 169549 | 169550 | 169553 | 169559 | 169561 | 169563 | 169567 | 169569 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 169576 | 169580 | 169585 | 169591 | 169611 | 169614 | 169616 | 169618 | 169624 | 169627 | 169628 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 169647 | 169654 | 169663 | 169677 | 169683 | 169685 | 169694 | 169698 | 169699 | 169700 | 169701 |
| ## | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 169702 | 169715 | 169717 | 169721 | 169725 | 169730 | 169743 | 169745 | 169758 | 169759 | 169761 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 169767 | 169773 | 169778 | 169788 | 169789 | 169790 | 169806 | 169810 | 169818 | 169820 | 169831 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 169833 | 169846 | 169851 | 169857 | 169869 | 169889 | 169894 | 169895 | 169899 | 169902 | 169904 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 169907 | 169912 | 169916 | 169917 | 169940 | 169942 | 169946 | 169956 | 169960 | 169962 | 169969 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 169973 | 169976 | 169979 | 169990 | 169992 | 169996 | 170000 | 170004 | 170007 | 170009 | 170016 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 170022 | 170032 | 170040 | 170042 | 170047 | 170049 | 170050 | 170077 | 170082 | 170087 | 170092 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 170094 | 170095 | 170097 | 170100 | 170106 | 170108 | 170113 | 170128 | 170130 | 170151 | 170154 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 170156 | 170177 | 170184 | 170186 | 170192 | 170193 | 170196 | 170204 | 170206 | 170208 | 170213 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 170222 | 170223 | 170233 | 170247 | 170249 | 170251 | 170261 | 170265 | 170268 | 170270 | 170278 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 170280 | 170282 | 170284 | 170285 | 170292 | 170296 | 170299 | 170301 | 170302 | 170306 | 170308 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 170314 | 170320 | 170323 | 170327 | 170329 | 170335 | 170342 | 170345 | 170346 | 170348 | 170349 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 170356 | 170361 | 170364 | 170365 | 170367 | 170379 | 170380 | 170381 | 170387 | 170396 | 170406 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 170407 | 170408 | 170412 | 170417 | 170418 | 170424 | 170438 | 170439 | 170440 | 170442 | 170444 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 170448 | 170451 | 170460 | 170465 | 170474 | 170477 | 170484 | 170494 | 170498 | 170499 | 170501 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 170502 | 170507 | 170511 | 170519 | 170523 | 170527 | 170534 | 170540 | 170545 | 170553 | 170558 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 170569 | 170578 | 170579 | 170583 | 170590 | 170595 | 170597 | 170598 | 170601 | 170613 | 170616 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 170620 | 170622 | 170623 | 170634 | 170637 | 170649 | 170661 | 170667 | 170668 | 170669 | 170671 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 170674 | 170678 | 170692 | 170701 | 170702 | 170703 | 170707 | 170720 | 170722 | 170729 | 170732 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 170733 | 170735 | 170740 | 170743 | 170745 | 170747 | 170748 | 170749 | 170750 | 170755 | 170760 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 170762 | 170766 | 170774 | 170785 | 170786 | 170790 | 170791 | 170796 | 170800 | 170805 | 170807 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 170812 | 170818 | 170826 | 170827 | 170828 | 170831 | 170837 | 170838 | 170840 | 170842 | 170844 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 170845 | 170849 | 170852 | 170854 | 170856 | 170858 | 170860 | 170862 | 170865 | 170876 | 170877 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 170885 | 170887 | 170890 | 170899 | 170901 | 170904 | 170908 | 170911 | 170917 | 170919 | 170924 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 170933 | 170935 | 170939 | 170941 | 170942 | 170944 | 170946 | 170948 | 170951 | 170964 | 170965 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 170968 | 170971 | 170980 | 170986 | 171000 | 171009 | 171024 | 171026 | 171028 | 171029 | 171030 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 171032 | 171038 | 171039 | 171049 | 171051 | 171055 | 171056 | 171057 | 171060 | 171067 | 171074 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 171081 | 171083 | 171084 | 171087 | 171094 | 171101 | 171107 | 171120 | 171123 | 171126 | 171131 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      |
| ## | 171132 | 171138 | 171139 | 171141 | 171145 | 171153 | 171154 | 171157 | 171161 | 171169 | 171181 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 171194 | 171196 | 171197 | 171198 | 171210 | 171213 | 171214 | 171218 | 171219 | 171226 | 171235 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 171237 | 171238 | 171245 | 171250 | 171251 | 171253 | 171261 | 171267 | 171274 | 171279 | 171282 |
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171295 | 171300 | 171302 | 171308 | 171311 | 171312 | 171313 | 171317 | 171320 | 171333 | 171337 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171342 | 171346 | 171347 | 171350 | 171363 | 171373 | 171376 | 171378 | 171382 | 171390 | 171396 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171397 | 171398 | 171399 | 171407 | 171411 | 171414 | 171416 | 171418 | 171421 | 171425 | 171430 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171439 | 171441 | 171442 | 171448 | 171453 | 171456 | 171464 | 171471 | 171472 | 171476 | 171477 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171481 | 171482 | 171486 | 171490 | 171492 | 171497 | 171511 | 171514 | 171515 | 171516 | 171520 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171522 | 171524 | 171526 | 171537 | 171539 | 171540 | 171543 | 171544 | 171546 | 171560 | 171564 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171565 | 171569 | 171570 | 171572 | 171574 | 171579 | 171599 | 171605 | 171607 | 171609 | 171615 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171616 | 171619 | 171622 | 171624 | 171634 | 171645 | 171668 | 171670 | 171684 | 171700 | 171702 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171705 | 171707 | 171715 | 171719 | 171725 | 171729 | 171739 | 171745 | 171751 | 171754 | 171755 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171757 | 171761 | 171767 | 171773 | 171774 | 171776 | 171779 | 171784 | 171785 | 171796 | 171798 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171809 | 171815 | 171819 | 171822 | 171827 | 171844 | 171851 | 171856 | 171862 | 171865 | 171869 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171876 | 171878 | 171889 | 171891 | 171893 | 171895 | 171897 | 171898 | 171902 | 171903 | 171912 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171928 | 171929 | 171937 | 171939 | 171943 | 171955 | 171958 | 171965 | 171971 | 171973 | 171975 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 171986 | 171995 | 172011 | 172019 | 172022 | 172026 | 172040 | 172046 | 172054 | 172056 | 172066 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 172069 | 172072 | 172075 | 172084 | 172089 | 172093 | 172100 | 172115 | 172116 | 172127 | 172128 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 172129 | 172137 | 172139 | 172142 | 172146 | 172151 | 172157 | 172171 | 172175 | 172176 | 172179 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 172187 | 172198 | 172201 | 172213 | 172215 | 172217 | 172221 | 172226 | 172227 | 172230 | 172243 |
| ## | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 0      |
| ## | 172245 | 172246 | 172247 | 172253 | 172259 | 172261 | 172264 | 172271 | 172278 | 172283 | 172292 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      |
| ## | 172295 | 172297 | 172299 | 172311 | 172317 | 172318 | 172331 | 172332 | 172338 | 172340 | 172343 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 1      |
| ## | 172348 | 172357 | 172360 | 172362 | 172364 | 172367 | 172370 | 172371 | 172372 | 172376 | 172386 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      |
| ## | 172389 | 172398 | 172401 | 172402 | 172404 | 172407 | 172408 | 172411 | 172414 | 172416 | 172423 |
| ## | 0      | 1      | 1      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 172433 | 172437 | 172438 | 172444 | 172445 | 172448 | 172458 | 172460 | 172461 | 172463 | 172467 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 172471 | 172490 | 172499 | 172531 | 172539 | 172552 | 172557 | 172559 | 172562 | 172568 | 172571 |
| ## | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 172578 | 172589 | 172597 | 172598 | 172601 | 172604 | 172606 | 172607 | 172614 | 172615 | 172625 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 172629 | 172632 | 172634 | 172636 | 172637 | 172638 | 172641 | 172646 | 172655 | 172665 | 172675 |
| ## | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 172680 | 172681 | 172682 | 172684 | 172694 | 172695 | 172696 | 172699 | 172700 | 172709 | 172715 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 172718 | 172728 | 172732 | 172736 | 172740 | 172741 | 172751 | 172754 | 172759 | 172763 | 172764 |
| ## | 1      | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 172765 | 172773 | 172777 | 172781 | 172785 | 172787 | 172796 | 172801 | 172803 | 172805 | 172807 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 172816 | 172817 | 172818 | 172824 | 172827 | 172829 | 172834 | 172840 | 172841 | 172844 | 172849 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 0      |
| ## | 172856 | 172858 | 172862 | 172873 | 172881 | 172890 | 172895 | 172907 | 172911 | 172914 | 172921 |
| ## | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 1      |
| ## | 172928 | 172943 | 172944 | 172945 | 172949 | 172952 | 172955 | 172957 | 172964 | 172970 | 172979 |
| ## | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 172985 | 172990 | 172991 | 173010 | 173017 | 173021 | 173025 | 173028 | 173031 | 173033 | 173042 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 1      | 1      | 0      |
| ## | 173043 | 173045 | 173064 | 173072 | 173078 | 173079 | 173086 | 173094 | 173099 | 173100 | 173106 |
| ## | 1      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      |
| ## | 173112 | 173119 | 173128 | 173132 | 173133 | 173146 | 173147 | 173148 | 173155 | 173157 | 173159 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 173162 | 173164 | 173173 | 173175 | 173183 | 173186 | 173193 | 173202 | 173221 | 173226 | 173232 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 173240 | 173242 | 173246 | 173255 | 173261 | 173262 | 173274 | 173276 | 173287 | 173297 | 173300 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 173302 | 173306 | 173316 | 173321 | 173322 | 173327 | 173330 | 173332 | 173334 | 173344 | 173347 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 173350 | 173354 | 173355 | 173356 | 173360 | 173365 | 173366 | 173368 | 173373 | 173378 | 173381 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 173385 | 173395 | 173398 | 173401 | 173404 | 173408 | 173409 | 173410 | 173414 | 173416 | 173422 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 173427 | 173433 | 173442 | 173443 | 173449 | 173450 | 173456 | 173459 | 173462 | 173475 | 173478 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 173479 | 173481 | 173486 | 173491 | 173500 | 173501 | 173503 | 173508 | 173510 | 173517 | 173522 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 173527 | 173535 | 173536 | 173540 | 173554 | 173558 | 173566 | 173607 | 173623 | 173624 | 173630 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 173633 | 173634 | 173636 | 173652 | 173660 | 173670 | 173675 | 173682 | 173685 | 173691 | 173696 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 173697 | 173700 | 173705 | 173706 | 173709 | 173711 | 173713 | 173717 | 173718 | 173721 | 173727 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 173728 | 173729 | 173730 | 173735 | 173746 | 173751 | 173753 | 173767 | 173773 | 173776 | 173798 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 173801 | 173802 | 173804 | 173813 | 173818 | 173819 | 173826 | 173828 | 173833 | 173834 | 173835 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 173838 | 173861 | 173870 | 173872 | 173883 | 173897 | 173899 | 173902 | 173903 | 173906 | 173925 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 173930 | 173934 | 173935 | 173938 | 173941 | 173948 | 173950 | 173957 | 173961 | 173968 | 173972 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 173974 | 173979 | 173983 | 173985 | 173993 | 174007 | 174011 | 174016 | 174019 | 174021 | 174026 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 174029 | 174038 | 174063 | 174066 | 174069 | 174075 | 174081 | 174093 | 174095 | 174100 | 174101 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 174104 | 174105 | 174112 | 174119 | 174130 | 174140 | 174145 | 174146 | 174150 | 174151 | 174154 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 174166 | 174173 | 174180 | 174182 | 174189 | 174204 | 174212 | 174217 | 174228 | 174242 | 174244 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 174245 | 174249 | 174252 | 174259 | 174267 | 174270 | 174280 | 174282 | 174290 | 174291 | 174292 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 174298 | 174299 | 174309 | 174311 | 174323 | 174328 | 174331 | 174335 | 174339 | 174340 | 174341 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 174343 | 174351 | 174359 | 174362 | 174363 | 174366 | 174374 | 174377 | 174378 | 174381 | 174384 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 174387 | 174391 | 174398 | 174403 | 174410 | 174418 | 174419 | 174435 | 174444 | 174452 | 174458 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 174477 | 174482 | 174485 | 174487 | 174489 | 174492 | 174497 | 174500 | 174506 | 174509 | 174511 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 174512 | 174516 | 174521 | 174533 | 174540 | 174541 | 174547 | 174550 | 174555 | 174572 | 174573 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 174574 | 174589 | 174604 | 174616 | 174621 | 174627 | 174629 | 174633 | 174636 | 174643 | 174645 |



|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 174647 | 174653 | 174655 | 174656 | 174658 | 174663 | 174666 | 174669 | 174674 | 174676 | 174684 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 174691 | 174695 | 174701 | 174704 | 174712 | 174713 | 174721 | 174737 | 174738 | 174742 | 174751 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 174755 | 174756 | 174758 | 174771 | 174773 | 174777 | 174787 | 174790 | 174794 | 174799 | 174801 |
| ## | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 174802 | 174804 | 174814 | 174819 | 174821 | 174835 | 174837 | 174838 | 174843 | 174857 | 174863 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 174865 | 174884 | 174886 | 174900 | 174902 | 174905 | 174906 | 174908 | 174909 | 174913 | 174916 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 174921 | 174924 | 174926 | 174928 | 174932 | 174935 | 174939 | 174943 | 174945 | 174946 | 174948 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 174962 | 174964 | 174974 | 174976 | 174979 | 174980 | 174981 | 174990 | 174993 | 175001 | 175002 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 175011 | 175018 | 175019 | 175027 | 175033 | 175040 | 175046 | 175052 | 175053 | 175054 | 175060 |
| ## | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 175068 | 175069 | 175081 | 175084 | 175090 | 175092 | 175096 | 175097 | 175101 | 175105 | 175112 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 175115 | 175121 | 175122 | 175125 | 175129 | 175135 | 175144 | 175146 | 175150 | 175156 | 175163 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 175165 | 175167 | 175169 | 175182 | 175185 | 175189 | 175193 | 175194 | 175195 | 175203 | 175204 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 175210 | 175232 | 175239 | 175244 | 175251 | 175253 | 175260 | 175269 | 175275 | 175276 | 175277 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 175280 | 175289 | 175290 | 175292 | 175297 | 175299 | 175302 | 175311 | 175319 | 175320 | 175335 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 175340 | 175341 | 175343 | 175344 | 175345 | 175349 | 175354 | 175355 | 175356 | 175357 | 175361 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 175368 | 175376 | 175398 | 175401 | 175411 | 175417 | 175424 | 175434 | 175440 | 175445 | 175449 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 175453 | 175454 | 175456 | 175460 | 175472 | 175475 | 175482 | 175488 | 175497 | 175500 | 175503 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 175509 | 175510 | 175514 | 175521 | 175523 | 175534 | 175541 | 175544 | 175547 | 175549 | 175554 |
| ## | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      |
| ## | 175555 | 175556 | 175564 | 175569 | 175571 | 175572 | 175576 | 175577 | 175582 | 175588 | 175598 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 175603 | 175605 | 175608 | 175609 | 175628 | 175632 | 175638 | 175646 | 175656 | 175658 | 175661 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 175666 | 175670 | 175675 | 175676 | 175678 | 175679 | 175687 | 175699 | 175708 | 175711 | 175713 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 175719 | 175720 | 175721 | 175722 | 175724 | 175726 | 175728 | 175734 | 175741 | 175742 | 175745 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 175758 | 175761 | 175766 | 175774 | 175775 | 175778 | 175780 | 175782 | 175791 | 175795 | 175798 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 175801 | 175802 | 175806 | 175808 | 175812 | 175818 | 175819 | 175822 | 175825 | 175826 | 175829 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      |
| ## | 175831 | 175842 | 175854 | 175862 | 175867 | 175872 | 175876 | 175901 | 175908 | 175910 | 175913 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 175922 | 175928 | 175932 | 175936 | 175938 | 175945 | 175950 | 175967 | 175968 | 175970 | 175974 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 175983 | 175987 | 175991 | 175992 | 175997 | 176000 | 176005 | 176007 | 176008 | 176009 | 176013 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 176021 | 176027 | 176035 | 176036 | 176040 | 176046 | 176048 | 176053 | 176054 | 176057 | 176059 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 176073 | 176074 | 176078 | 176079 | 176081 | 176083 | 176089 | 176091 | 176093 | 176101 | 176102 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 176110 | 176111 | 176113 | 176114 | 176122 | 176125 | 176147 | 176149 | 176161 | 176162 | 176168 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 176174 | 176176 | 176178 | 176181 | 176183 | 176188 | 176197 | 176202 | 176214 | 176217 | 176224 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 176261 | 176266 | 176273 | 176275 | 176277 | 176279 | 176280 | 176281 | 176297 | 176299 | 176303 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 176304 | 176310 | 176319 | 176321 | 176334 | 176336 | 176337 | 176345 | 176348 | 176349 | 176352 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 176358 | 176361 | 176366 | 176375 | 176380 | 176382 | 176385 | 176393 | 176399 | 176407 | 176408 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 176412 | 176419 | 176421 | 176422 | 176435 | 176446 | 176447 | 176453 | 176462 | 176468 | 176476 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 176479 | 176483 | 176484 | 176491 | 176498 | 176499 | 176512 | 176513 | 176515 | 176517 | 176518 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 176522 | 176523 | 176525 | 176528 | 176536 | 176541 | 176558 | 176561 | 176572 | 176573 | 176574 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 176577 | 176586 | 176593 | 176613 | 176614 | 176616 | 176620 | 176626 | 176637 | 176639 | 176646 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 176652 | 176654 | 176655 | 176661 | 176666 | 176668 | 176671 | 176678 | 176688 | 176694 | 176696 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 176698 | 176715 | 176716 | 176722 | 176724 | 176732 | 176740 | 176741 | 176748 | 176749 | 176756 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 176764 | 176768 | 176773 | 176776 | 176777 | 176781 | 176784 | 176792 | 176796 | 176812 | 176813 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      |
| ## | 176827 | 176828 | 176832 | 176833 | 176841 | 176842 | 176843 | 176859 | 176863 | 176865 | 176869 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 176875 | 176877 | 176880 | 176884 | 176891 | 176892 | 176893 | 176896 | 176911 | 176926 | 176931 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 176936 | 176937 | 176955 | 176965 | 176975 | 176976 | 176981 | 176985 | 176990 | 177008 | 177011 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 177022 | 177026 | 177034 | 177035 | 177036 | 177038 | 177045 | 177048 | 177059 | 177063 | 177069 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 177070 | 177071 | 177073 | 177079 | 177083 | 177084 | 177086 | 177097 | 177101 | 177125 | 177126 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 177134 | 177136 | 177137 | 177146 | 177151 | 177155 | 177157 | 177158 | 177166 | 177174 | 177177 |
| ## | 1      | 1      | 1      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 177182 | 177204 | 177205 | 177216 | 177219 | 177221 | 177228 | 177232 | 177238 | 177240 | 177241 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 177242 | 177257 | 177260 | 177266 | 177268 | 177271 | 177275 | 177283 | 177290 | 177291 | 177294 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 177300 | 177306 | 177308 | 177316 | 177323 | 177326 | 177327 | 177334 | 177337 | 177340 | 177361 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 177363 | 177364 | 177365 | 177367 | 177370 | 177389 | 177393 | 177395 | 177402 | 177407 | 177410 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 177415 | 177418 | 177421 | 177435 | 177441 | 177443 | 177444 | 177451 | 177459 | 177462 | 177467 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 177483 | 177485 | 177486 | 177488 | 177497 | 177498 | 177501 | 177506 | 177509 | 177525 | 177526 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 177531 | 177536 | 177544 | 177546 | 177553 | 177562 | 177564 | 177565 | 177570 | 177571 | 177573 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 177579 | 177581 | 177582 | 177590 | 177592 | 177594 | 177599 | 177602 | 177612 | 177613 | 177622 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 177623 | 177643 | 177644 | 177647 | 177657 | 177662 | 177663 | 177665 | 177672 | 177675 | 177677 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 177678 | 177689 | 177706 | 177707 | 177710 | 177711 | 177712 | 177717 | 177722 | 177724 | 177726 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 177727 | 177728 | 177733 | 177734 | 177750 | 177751 | 177752 | 177756 | 177757 | 177758 | 177760 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 177764 | 177768 | 177775 | 177777 | 177786 | 177787 | 177791 | 177803 | 177806 | 177808 | 177809 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 177810 | 177814 | 177818 | 177830 | 177831 | 177832 | 177837 | 177841 | 177855 | 177862 | 177867 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 177875 | 177877 | 177880 | 177881 | 177892 | 177898 | 177901 | 177903 | 177905 | 177910 | 177919 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 177949 | 177955 | 177959 | 177960 | 177966 | 177971 | 177979 | 177982 | 177986 | 177989 | 177991 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 177994 | 177996 | 177998 | 178003 | 178007 | 178016 | 178025 | 178026 | 178031 | 178040 | 178046 |
| ## | 1      | 1      | 1      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 178050 | 178054 | 178055 | 178075 | 178082 | 178087 | 178088 | 178089 | 178092 | 178095 | 178099 |
| ## | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 178103 | 178113 | 178139 | 178144 | 178146 | 178149 | 178152 | 178154 | 178157 | 178158 | 178168 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 178170 | 178171 | 178176 | 178178 | 178186 | 178199 | 178201 | 178203 | 178206 | 178208 | 178215 |
| ## | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 178226 | 178228 | 178229 | 178233 | 178238 | 178240 | 178251 | 178257 | 178259 | 178262 | 178270 |
| ## | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 0      | 1      |
| ## | 178286 | 178291 | 178292 | 178297 | 178306 | 178307 | 178310 | 178318 | 178330 | 178331 | 178335 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 178339 | 178340 | 178347 | 178349 | 178360 | 178375 | 178376 | 178382 | 178383 | 178411 | 178414 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 178417 | 178422 | 178429 | 178432 | 178438 | 178440 | 178448 | 178450 | 178451 | 178453 | 178455 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 0      |
| ## | 178457 | 178462 | 178473 | 178475 | 178477 | 178481 | 178495 | 178498 | 178502 | 178503 | 178507 |
| ## | 1      | 1      | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 0      | 0      |
| ## | 178509 | 178510 | 178511 | 178517 | 178523 | 178526 | 178543 | 178552 | 178559 | 178564 | 178569 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 178570 | 178574 | 178577 | 178585 | 178588 | 178598 | 178601 | 178608 | 178616 | 178618 | 178624 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 1      | 0      | 1      | 0      |
| ## | 178626 | 178628 | 178637 | 178649 | 178650 | 178653 | 178659 | 178660 | 178666 | 178678 | 178679 |
| ## | 1      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 1      | 1      | 1      |
| ## | 178681 | 178685 | 178700 | 178707 | 178713 | 178714 | 178728 | 178740 | 178746 | 178755 | 178756 |
| ## | 1      | 1      | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 1      |
| ## | 178765 | 178768 | 178773 | 178777 | 178791 | 178793 | 178802 | 178805 | 178826 | 178833 | 178835 |
| ## | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 1      | 0      |
| ## | 178844 | 178846 | 178848 | 178850 | 178853 | 178856 | 178857 | 178859 | 178860 | 178862 | 178863 |
| ## | 0      | 0      | 1      | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 178865 | 178866 | 178868 | 178899 | 178909 | 178912 | 178913 | 178915 | 178918 | 178922 | 178925 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 178934 | 178949 | 178954 | 178955 | 178960 | 178964 | 178967 | 178972 | 178975 | 178977 | 178987 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 178988 | 178990 | 179003 | 179011 | 179018 | 179021 | 179023 | 179027 | 179032 | 179036 | 179039 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 179044 | 179047 | 179053 | 179054 | 179056 | 179058 | 179060 | 179063 | 179066 | 179069 | 179072 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 179076 | 179083 | 179088 | 179091 | 179093 | 179094 | 179101 | 179102 | 179110 | 179113 | 179120 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 179124 | 179128 | 179140 | 179148 | 179161 | 179162 | 179180 | 179189 | 179192 | 179196 | 179202 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 179203 | 179213 | 179214 | 179217 | 179223 | 179225 | 179230 | 179232 | 179233 | 179238 | 179241 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 179250 | 179252 | 179260 | 179261 | 179270 | 179275 | 179287 | 179291 | 179297 | 179303 | 179308 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 179309 | 179310 | 179319 | 179320 | 179326 | 179327 | 179334 | 179335 | 179338 | 179343 | 179351 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 179359 | 179369 | 179378 | 179379 | 179382 | 179384 | 179388 | 179390 | 179394 | 179398 | 179400 |
| ## | 1      | 0      | 1      | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 0      |
| ## | 179402 | 179407 | 179413 | 179415 | 179418 | 179424 | 179430 | 179433 | 179435 | 179440 | 179450 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 179453 | 179466 | 179468 | 179484 | 179493 | 179496 | 179506 | 179509 | 179513 | 179534 | 179535 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 179540 | 179541 | 179547 | 179551 | 179557 | 179560 | 179585 | 179590 | 179603 | 179607 | 179637 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 179639 | 179640 | 179642 | 179646 | 179647 | 179654 | 179659 | 179660 | 179665 | 179668 | 179677 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 179691 | 179697 | 179702 | 179704 | 179705 | 179707 | 179711 | 179720 | 179722 | 179727 | 179728 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 179744 | 179748 | 179755 | 179757 | 179762 | 179764 | 179771 | 179776 | 179793 | 179799 | 179802 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 179804 | 179811 | 179819 | 179820 | 179826 | 179835 | 179846 | 179857 | 179867 | 179875 | 179880 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 179882 | 179887 | 179889 | 179906 | 179907 | 179908 | 179911 | 179913 | 179918 | 179924 | 179927 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 179933 | 179934 | 179938 | 179942 | 179949 | 179950 | 179957 | 179960 | 179964 | 179967 | 179968 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 179970 | 179971 | 179974 | 179975 | 179978 | 179982 | 179986 | 179991 | 180006 | 180011 | 180019 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 180022 | 180030 | 180031 | 180036 | 180040 | 180046 | 180049 | 180054 | 180057 | 180063 | 180068 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      |
| ## | 180071 | 180077 | 180083 | 180091 | 180093 | 180094 | 180103 | 180111 | 180118 | 180119 | 180120 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 180123 | 180124 | 180127 | 180132 | 180133 | 180134 | 180135 | 180144 | 180151 | 180153 | 180164 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 180167 | 180172 | 180177 | 180185 | 180198 | 180203 | 180209 | 180210 | 180213 | 180233 | 180238 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 180245 | 180252 | 180255 | 180259 | 180265 | 180266 | 180269 | 180270 | 180272 | 180273 | 180278 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 180284 | 180294 | 180295 | 180305 | 180307 | 180311 | 180320 | 180324 | 180327 | 180339 | 180340 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 180342 | 180344 | 180352 | 180366 | 180367 | 180375 | 180376 | 180384 | 180388 | 180397 | 180399 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 180405 | 180408 | 180411 | 180413 | 180417 | 180418 | 180429 | 180434 | 180449 | 180450 | 180458 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 180459 | 180462 | 180470 | 180472 | 180473 | 180476 | 180479 | 180483 | 180484 | 180490 | 180495 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 180497 | 180502 | 180503 | 180509 | 180512 | 180518 | 180520 | 180523 | 180529 | 180533 | 180534 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 180535 | 180538 | 180541 | 180543 | 180544 | 180546 | 180548 | 180550 | 180553 | 180554 | 180559 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 180562 | 180563 | 180566 | 180567 | 180569 | 180572 | 180585 | 180586 | 180591 | 180592 | 180597 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 180602 | 180603 | 180611 | 180613 | 180614 | 180641 | 180649 | 180653 | 180654 | 180658 | 180661 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 180664 | 180667 | 180673 | 180674 | 180680 | 180684 | 180686 | 180689 | 180692 | 180694 | 180700 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 180701 | 180702 | 180710 | 180711 | 180714 | 180717 | 180720 | 180721 | 180741 | 180753 | 180755 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 180759 | 180760 | 180765 | 180766 | 180772 | 180776 | 180781 | 180783 | 180788 | 180791 | 180795 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 1      |
| ## | 180798 | 180799 | 180801 | 180802 | 180804 | 180806 | 180809 | 180810 | 180820 | 180821 | 180829 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 180830 | 180838 | 180843 | 180845 | 180854 | 180856 | 180862 | 180863 | 180866 | 180871 | 180876 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 180877 | 180888 | 180889 | 180890 | 180895 | 180897 | 180902 | 180904 | 180912 | 180913 | 180924 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 180925 | 180931 | 180934 | 180936 | 180943 | 180952 | 180954 | 180957 | 180963 | 180965 | 180966 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 180967 | 180975 | 180978 | 180979 | 180984 | 180986 | 181002 | 181005 | 181018 | 181022 | 181032 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 181039 | 181054 | 181057 | 181059 | 181067 | 181081 | 181087 | 181100 | 181103 | 181107 | 181111 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 181113 | 181117 | 181121 | 181123 | 181128 | 181130 | 181138 | 181141 | 181143 | 181152 | 181155 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 181166 | 181172 | 181175 | 181176 | 181178 | 181183 | 181184 | 181201 | 181207 | 181211 | 181217 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 181221 | 181225 | 181230 | 181231 | 181235 | 181236 | 181237 | 181241 | 181243 | 181251 | 181266 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 181273 | 181276 | 181281 | 181295 | 181296 | 181298 | 181306 | 181309 | 181315 | 181328 | 181331 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 0      | 1      |
| ## | 181344 | 181366 | 181369 | 181381 | 181384 | 181388 | 181393 | 181414 | 181415 | 181419 | 181421 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 181424 | 181426 | 181440 | 181442 | 181444 | 181448 | 181459 | 181463 | 181464 | 181466 | 181468 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 181475 | 181476 | 181481 | 181484 | 181498 | 181512 | 181514 | 181516 | 181518 | 181520 | 181535 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 181539 | 181547 | 181548 | 181556 | 181559 | 181566 | 181571 | 181573 | 181574 | 181576 | 181580 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 181583 | 181584 | 181590 | 181595 | 181598 | 181603 | 181614 | 181615 | 181617 | 181621 | 181629 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 1      |
| ## | 181643 | 181646 | 181647 | 181649 | 181656 | 181663 | 181672 | 181681 | 181694 | 181701 | 181702 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 181713 | 181724 | 181747 | 181749 | 181752 | 181756 | 181758 | 181762 | 181777 | 181780 | 181787 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 0      |
| ## | 181798 | 181799 | 181800 | 181801 | 181807 | 181809 | 181812 | 181814 | 181829 | 181831 | 181833 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 181850 | 181856 | 181859 | 181860 | 181865 | 181869 | 181876 | 181881 | 181889 | 181891 | 181896 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 181897 | 181905 | 181908 | 181909 | 181914 | 181918 | 181919 | 181926 | 181938 | 181942 | 181948 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 181952 | 181953 | 181954 | 181973 | 181978 | 181984 | 181999 | 182036 | 182042 | 182046 | 182051 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 182055 | 182059 | 182073 | 182074 | 182076 | 182081 | 182087 | 182108 | 182112 | 182115 | 182118 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 182122 | 182126 | 182130 | 182131 | 182133 | 182150 | 182155 | 182157 | 182160 | 182175 | 182181 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 182182 | 182190 | 182195 | 182198 | 182204 | 182214 | 182215 | 182217 | 182226 | 182234 | 182237 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 182238 | 182244 | 182250 | 182257 | 182262 | 182266 | 182272 | 182273 | 182281 | 182283 | 182286 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 182287 | 182298 | 182300 | 182303 | 182306 | 182310 | 182315 | 182316 | 182322 | 182323 | 182334 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 182340 | 182342 | 182345 | 182346 | 182351 | 182357 | 182360 | 182368 | 182370 | 182378 | 182379 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 182383 | 182384 | 182390 | 182400 | 182408 | 182410 | 182414 | 182420 | 182421 | 182430 | 182439 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 182440 | 182446 | 182448 | 182450 | 182451 | 182464 | 182467 | 182475 | 182479 | 182491 | 182492 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 182495 | 182502 | 182503 | 182504 | 182512 | 182513 | 182517 | 182523 | 182524 | 182525 | 182531 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 182536 | 182537 | 182541 | 182547 | 182548 | 182557 | 182559 | 182561 | 182562 | 182564 | 182572 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 182574 | 182580 | 182582 | 182592 | 182593 | 182594 | 182595 | 182606 | 182610 | 182611 | 182612 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 182615 | 182617 | 182620 | 182634 | 182635 | 182636 | 182638 | 182641 | 182644 | 182655 | 182665 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 182666 | 182679 | 182683 | 182684 | 182686 | 182700 | 182701 | 182702 | 182707 | 182708 | 182711 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 182723 | 182731 | 182732 | 182739 | 182741 | 182745 | 182752 | 182753 | 182755 | 182758 | 182761 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 182763 | 182767 | 182768 | 182771 | 182772 | 182778 | 182796 | 182799 | 182807 | 182816 | 182820 |
| ## | 1      | 1      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 1      |
| ## | 182826 | 182840 | 182844 | 182845 | 182855 | 182858 | 182864 | 182866 | 182876 | 182885 | 182888 |
| ## | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 182891 | 182905 | 182910 | 182914 | 182917 | 182921 | 182923 | 182924 | 182929 | 182930 | 182934 |
| ## | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 182935 | 182942 | 182943 | 182947 | 182948 | 182949 | 182956 | 182957 | 182958 | 182962 | 182966 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      |
| ## | 182971 | 182980 | 182985 | 182994 | 182996 | 182998 | 183001 | 183002 | 183009 | 183026 | 183029 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 183032 | 183037 | 183038 | 183044 | 183046 | 183052 | 183054 | 183058 | 183077 | 183078 | 183079 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 183090 | 183098 | 183103 | 183105 | 183107 | 183113 | 183114 | 183118 | 183122 | 183124 | 183133 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 183144 | 183147 | 183150 | 183156 | 183158 | 183159 | 183182 | 183185 | 183188 | 183190 | 183198 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 183200 | 183201 | 183206 | 183207 | 183209 | 183216 | 183222 | 183230 | 183232 | 183233 | 183237 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 183242 | 183244 | 183245 | 183246 | 183248 | 183251 | 183252 | 183257 | 183259 | 183260 | 183261 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 183266 | 183267 | 183269 | 183283 | 183292 | 183296 | 183301 | 183313 | 183314 | 183316 | 183317 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 183320 | 183324 | 183343 | 183346 | 183347 | 183354 | 183357 | 183359 | 183366 | 183367 | 183369 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 183370 | 183373 | 183374 | 183394 | 183402 | 183403 | 183407 | 183408 | 183413 | 183443 | 183446 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 183447 | 183463 | 183467 | 183468 | 183475 | 183483 | 183487 | 183491 | 183496 | 183505 | 183506 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 183521 | 183527 | 183529 | 183534 | 183539 | 183543 | 183544 | 183545 | 183555 | 183557 | 183561 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 183563 | 183565 | 183572 | 183579 | 183592 | 183610 | 183611 | 183612 | 183616 | 183619 | 183620 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 183622 | 183625 | 183627 | 183630 | 183633 | 183639 | 183643 | 183646 | 183651 | 183654 | 183657 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 183663 | 183665 | 183667 | 183675 | 183677 | 183680 | 183685 | 183688 | 183690 | 183697 | 183708 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 183713 | 183714 | 183724 | 183726 | 183727 | 183747 | 183752 | 183753 | 183757 | 183758 | 183762 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 183772 | 183777 | 183779 | 183785 | 183792 | 183793 | 183805 | 183809 | 183813 | 183816 | 183818 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 183831 | 183832 | 183837 | 183838 | 183840 | 183841 | 183854 | 183855 | 183861 | 183862 | 183865 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 183866 | 183869 | 183871 | 183873 | 183874 | 183884 | 183888 | 183907 | 183914 | 183921 | 183926 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 183938 | 183945 | 183948 | 183949 | 183952 | 183961 | 183970 | 183971 | 183972 | 183993 | 183994 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 184017 | 184020 | 184031 | 184032 | 184040 | 184042 | 184054 | 184058 | 184069 | 184071 | 184074 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 184081 | 184082 | 184083 | 184085 | 184087 | 184090 | 184099 | 184100 | 184107 | 184111 | 184118 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 184124 | 184125 | 184129 | 184131 | 184142 | 184143 | 184168 | 184176 | 184177 | 184184 | 184186 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 184196 | 184199 | 184203 | 184211 | 184212 | 184216 | 184241 | 184243 | 184248 | 184249 | 184250 |
| ## | 0      | 1      | 1      | 0      | 1      | 1      | 0      | 0      | 1      | 1      | 0      |
| ## | 184253 | 184255 | 184258 | 184268 | 184273 | 184275 | 184283 | 184288 | 184291 | 184300 | 184303 |
| ## | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 184304 | 184306 | 184311 | 184325 | 184333 | 184336 | 184337 | 184341 | 184347 | 184349 | 184352 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 1      |
| ## | 184376 | 184382 | 184384 | 184391 | 184394 | 184395 | 184398 | 184406 | 184409 | 184412 | 184414 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 184430 | 184442 | 184449 | 184451 | 184460 | 184467 | 184477 | 184478 | 184484 | 184487 | 184490 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 184501 | 184502 | 184504 | 184505 | 184511 | 184514 | 184534 | 184542 | 184547 | 184548 | 184556 |
| ## | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 0      |
| ## | 184557 | 184563 | 184572 | 184573 | 184578 | 184580 | 184585 | 184592 | 184593 | 184596 | 184597 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 184602 | 184612 | 184615 | 184623 | 184632 | 184645 | 184650 | 184657 | 184667 | 184668 | 184675 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      | 0      | 1      |
| ## | 184687 | 184692 | 184700 | 184704 | 184709 | 184711 | 184714 | 184716 | 184719 | 184724 | 184726 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 1      |
| ## | 184732 | 184734 | 184738 | 184744 | 184748 | 184751 | 184758 | 184761 | 184767 | 184772 | 184774 |
| ## | 0      | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 0      | 0      |
| ## | 184777 | 184779 | 184801 | 184807 | 184813 | 184817 | 184818 | 184826 | 184827 | 184830 | 184839 |
| ## | 1      | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 1      | 1      | 0      |
| ## | 184842 | 184843 | 184848 | 184849 | 184850 | 184851 | 184856 | 184858 | 184863 | 184865 | 184866 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 1      |
| ## | 184873 | 184877 | 184882 | 184885 | 184900 | 184902 | 184913 | 184917 | 184920 | 184926 | 184930 |
| ## | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 1      |
| ## | 184937 | 184946 | 184954 | 184955 | 184957 | 184959 | 184965 | 184966 | 184972 | 184979 | 184982 |
| ## | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 0      | 1      | 1      |
| ## | 184986 | 184989 | 184992 | 184998 | 185006 | 185013 | 185019 | 185020 | 185022 | 185023 | 185029 |
| ## | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 185031 | 185032 | 185033 | 185035 | 185036 | 185042 | 185043 | 185046 | 185047 | 185050 | 185063 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 185065 | 185070 | 185084 | 185085 | 185089 | 185094 | 185109 | 185110 | 185113 | 185117 | 185118 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 185123 | 185129 | 185131 | 185135 | 185137 | 185143 | 185162 | 185163 | 185178 | 185183 | 185192 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 185194 | 185201 | 185202 | 185205 | 185217 | 185239 | 185257 | 185261 | 185262 | 185274 | 185280 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 185283 | 185284 | 185288 | 185290 | 185312 | 185314 | 185317 | 185318 | 185329 | 185331 | 185339 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 185347 | 185350 | 185352 | 185353 | 185355 | 185357 | 185363 | 185386 | 185389 | 185390 | 185391 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 185395 | 185399 | 185401 | 185416 | 185424 | 185435 | 185444 | 185447 | 185452 | 185474 | 185476 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 185479 | 185480 | 185483 | 185492 | 185495 | 185501 | 185502 | 185505 | 185519 | 185522 | 185524 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 185529 | 185531 | 185540 | 185541 | 185543 | 185544 | 185550 | 185553 | 185558 | 185565 | 185571 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 185574 | 185575 | 185583 | 185589 | 185597 | 185598 | 185599 | 185606 | 185620 | 185635 | 185637 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 185638 | 185649 | 185653 | 185667 | 185668 | 185687 | 185691 | 185693 | 185694 | 185695 | 185697 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 185700 | 185714 | 185718 | 185722 | 185723 | 185729 | 185731 | 185736 | 185738 | 185741 | 185747 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 185748 | 185754 | 185759 | 185765 | 185778 | 185779 | 185783 | 185795 | 185801 | 185816 | 185819 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 185820 | 185826 | 185828 | 185830 | 185854 | 185856 | 185865 | 185866 | 185870 | 185878 | 185894 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 185899 | 185901 | 185908 | 185912 | 185921 | 185934 | 185936 | 185937 | 185938 | 185940 | 185941 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 185942 | 185946 | 185953 | 185956 | 185963 | 185966 | 185969 | 185971 | 185981 | 185990 | 185993 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 185999 | 186001 | 186002 | 186006 | 186013 | 186015 | 186021 | 186026 | 186037 | 186041 | 186044 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 186047 | 186049 | 186056 | 186059 | 186060 | 186062 | 186065 | 186066 | 186067 | 186081 | 186088 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 186090 | 186093 | 186097 | 186102 | 186103 | 186105 | 186113 | 186124 | 186143 | 186155 | 186156 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 186159 | 186161 | 186179 | 186195 | 186203 | 186210 | 186211 | 186215 | 186230 | 186231 | 186235 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 186251 | 186252 | 186255 | 186257 | 186258 | 186263 | 186271 | 186275 | 186277 | 186282 | 186284 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 186307 | 186311 | 186314 | 186323 | 186327 | 186329 | 186332 | 186348 | 186349 | 186352 | 186353 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 186354 | 186359 | 186368 | 186372 | 186374 | 186377 | 186382 | 186387 | 186394 | 186414 | 186415 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 186421 | 186422 | 186429 | 186434 | 186441 | 186445 | 186451 | 186455 | 186461 | 186463 | 186466 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 186467 | 186470 | 186478 | 186479 | 186483 | 186484 | 186485 | 186497 | 186517 | 186527 | 186537 |
| ## | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 186541 | 186542 | 186543 | 186550 | 186552 | 186559 | 186563 | 186572 | 186582 | 186587 | 186590 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 186594 | 186596 | 186598 | 186599 | 186602 | 186605 | 186608 | 186614 | 186615 | 186626 | 186642 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 186665 | 186674 | 186682 | 186683 | 186684 | 186689 | 186695 | 186698 | 186701 | 186704 | 186712 |



|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 186717 | 186725 | 186729 | 186732 | 186734 | 186739 | 186745 | 186753 | 186758 | 186763 | 186766 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 186773 | 186783 | 186784 | 186785 | 186791 | 186793 | 186794 | 186795 | 186800 | 186803 | 186817 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 186821 | 186826 | 186841 | 186843 | 186852 | 186869 | 186873 | 186877 | 186879 | 186880 | 186882 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 186887 | 186888 | 186889 | 186892 | 186896 | 186901 | 186909 | 186910 | 186912 | 186920 | 186924 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 186926 | 186928 | 186935 | 186942 | 186950 | 186952 | 186956 | 186964 | 186969 | 186974 | 186978 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 186983 | 186989 | 187008 | 187009 | 187010 | 187021 | 187023 | 187028 | 187034 | 187037 | 187043 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 187051 | 187056 | 187061 | 187070 | 187081 | 187082 | 187085 | 187087 | 187099 | 187104 | 187107 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 187115 | 187117 | 187123 | 187126 | 187132 | 187133 | 187135 | 187140 | 187143 | 187147 | 187150 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 187168 | 187175 | 187178 | 187181 | 187184 | 187189 | 187191 | 187192 | 187193 | 187194 | 187201 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 187206 | 187220 | 187224 | 187225 | 187226 | 187230 | 187231 | 187239 | 187244 | 187253 | 187255 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 187261 | 187273 | 187279 | 187287 | 187288 | 187301 | 187305 | 187306 | 187307 | 187309 | 187310 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 187316 | 187330 | 187331 | 187343 | 187344 | 187346 | 187351 | 187357 | 187361 | 187370 | 187371 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      |
| ## | 187372 | 187413 | 187421 | 187422 | 187432 | 187435 | 187446 | 187447 | 187452 | 187457 | 187467 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 187469 | 187470 | 187471 | 187472 | 187476 | 187477 | 187485 | 187488 | 187494 | 187499 | 187507 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 187511 | 187528 | 187533 | 187536 | 187539 | 187550 | 187561 | 187563 | 187570 | 187572 | 187575 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 187576 | 187581 | 187584 | 187589 | 187590 | 187597 | 187599 | 187607 | 187611 | 187613 | 187615 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 187617 | 187622 | 187623 | 187629 | 187632 | 187637 | 187645 | 187646 | 187650 | 187653 | 187654 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 187662 | 187666 | 187667 | 187674 | 187677 | 187678 | 187679 | 187686 | 187691 | 187693 | 187704 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 187714 | 187715 | 187717 | 187720 | 187722 | 187723 | 187724 | 187732 | 187734 | 187751 | 187752 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 187757 | 187768 | 187770 | 187771 | 187773 | 187805 | 187806 | 187808 | 187813 | 187827 | 187836 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 187838 | 187858 | 187861 | 187868 | 187869 | 187881 | 187885 | 187891 | 187897 | 187898 | 187915 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 187916 | 187918 | 187926 | 187930 | 187939 | 187943 | 187948 | 187949 | 187959 | 187963 | 187972 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 187973 | 187984 | 187986 | 187987 | 187996 | 188002 | 188009 | 188015 | 188024 | 188027 | 188028 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 188033 | 188034 | 188036 | 188041 | 188046 | 188051 | 188057 | 188060 | 188061 | 188062 | 188064 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 1      |
| ## | 188066 | 188067 | 188068 | 188070 | 188075 | 188081 | 188090 | 188096 | 188099 | 188107 | 188113 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 188122 | 188124 | 188131 | 188142 | 188145 | 188156 | 188162 | 188167 | 188169 | 188170 | 188182 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      | 1      |
| ## | 188185 | 188190 | 188192 | 188206 | 188211 | 188215 | 188216 | 188217 | 188219 | 188222 | 188223 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 188224 | 188229 | 188232 | 188233 | 188235 | 188237 | 188238 | 188239 | 188243 | 188244 | 188248 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 188254 | 188255 | 188257 | 188260 | 188269 | 188270 | 188271 | 188272 | 188277 | 188279 | 188280 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 188281 | 188282 | 188283 | 188285 | 188286 | 188291 | 188294 | 188297 | 188313 | 188331 | 188332 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 188346 | 188357 | 188358 | 188366 | 188369 | 188372 | 188380 | 188383 | 188390 | 188391 | 188398 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 188400 | 188402 | 188405 | 188407 | 188411 | 188413 | 188416 | 188418 | 188420 | 188422 | 188441 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 188443 | 188446 | 188447 | 188449 | 188454 | 188457 | 188458 | 188461 | 188462 | 188464 | 188465 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      |
| ## | 188470 | 188473 | 188481 | 188482 | 188492 | 188497 | 188506 | 188513 | 188514 | 188532 | 188533 |
| ## | 1      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 1      | 0      |
| ## | 188538 | 188541 | 188548 | 188557 | 188558 | 188568 | 188577 | 188587 | 188588 | 188592 | 188594 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 188597 | 188601 | 188614 | 188625 | 188632 | 188634 | 188635 | 188646 | 188648 | 188663 | 188678 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 188679 | 188685 | 188686 | 188689 | 188690 | 188695 | 188715 | 188719 | 188731 | 188735 | 188736 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 188737 | 188739 | 188744 | 188752 | 188755 | 188757 | 188758 | 188767 | 188780 | 188785 | 188788 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 188789 | 188790 | 188791 | 188793 | 188822 | 188831 | 188836 | 188840 | 188841 | 188851 | 188853 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 188857 | 188862 | 188864 | 188870 | 188895 | 188907 | 188908 | 188914 | 188917 | 188920 | 188921 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 188925 | 188933 | 188935 | 188939 | 188940 | 188944 | 188946 | 188947 | 188952 | 188966 | 188967 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 188975 | 188976 | 188977 | 188981 | 188983 | 188986 | 188997 | 189007 | 189008 | 189009 | 189012 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189025 | 189038 | 189051 | 189062 | 189063 | 189075 | 189076 | 189082 | 189087 | 189093 | 189095 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189103 | 189116 | 189117 | 189120 | 189121 | 189125 | 189146 | 189151 | 189153 | 189156 | 189165 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 189172 | 189182 | 189186 | 189193 | 189196 | 189200 | 189207 | 189209 | 189212 | 189214 | 189215 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189218 | 189219 | 189224 | 189226 | 189231 | 189239 | 189242 | 189253 | 189255 | 189256 | 189260 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189265 | 189269 | 189271 | 189273 | 189280 | 189283 | 189285 | 189286 | 189287 | 189290 | 189292 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 189293 | 189294 | 189295 | 189297 | 189299 | 189306 | 189312 | 189313 | 189324 | 189331 | 189335 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189346 | 189347 | 189350 | 189352 | 189372 | 189379 | 189380 | 189385 | 189388 | 189410 | 189411 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189414 | 189436 | 189438 | 189444 | 189449 | 189456 | 189466 | 189467 | 189468 | 189470 | 189475 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189494 | 189498 | 189517 | 189518 | 189525 | 189529 | 189535 | 189543 | 189545 | 189547 | 189549 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189559 | 189560 | 189564 | 189570 | 189575 | 189576 | 189577 | 189579 | 189581 | 189583 | 189585 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189601 | 189606 | 189616 | 189626 | 189627 | 189633 | 189634 | 189644 | 189647 | 189652 | 189661 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189675 | 189686 | 189687 | 189689 | 189691 | 189705 | 189708 | 189709 | 189714 | 189739 | 189744 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189745 | 189751 | 189753 | 189754 | 189756 | 189758 | 189769 | 189774 | 189775 | 189776 | 189785 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189786 | 189796 | 189802 | 189806 | 189811 | 189816 | 189820 | 189821 | 189826 | 189834 | 189839 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189841 | 189853 | 189855 | 189858 | 189864 | 189866 | 189881 | 189888 | 189897 | 189900 | 189910 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 189918 | 189927 | 189934 | 189938 | 189948 | 189951 | 189953 | 189959 | 189967 | 189975 | 189988 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      |
| ## | 189997 | 189998 | 190002 | 190005 | 190008 | 190010 | 190014 | 190015 | 190020 | 190025 | 190035 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 190042 | 190052 | 190053 | 190058 | 190064 | 190065 | 190066 | 190069 | 190074 | 190080 | 190096 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190098 | 190106 | 190113 | 190115 | 190117 | 190122 | 190124 | 190130 | 190131 | 190140 | 190144 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 190146 | 190149 | 190151 | 190156 | 190165 | 190166 | 190172 | 190179 | 190182 | 190184 | 190192 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190197 | 190201 | 190203 | 190211 | 190213 | 190223 | 190230 | 190235 | 190236 | 190237 | 190240 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190245 | 190247 | 190250 | 190258 | 190259 | 190263 | 190269 | 190275 | 190280 | 190281 | 190282 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190293 | 190297 | 190299 | 190304 | 190315 | 190320 | 190330 | 190337 | 190342 | 190345 | 190347 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190353 | 190362 | 190365 | 190367 | 190373 | 190375 | 190376 | 190381 | 190384 | 190394 | 190398 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190402 | 190407 | 190420 | 190426 | 190429 | 190430 | 190440 | 190441 | 190444 | 190445 | 190446 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190447 | 190452 | 190461 | 190463 | 190471 | 190473 | 190475 | 190476 | 190482 | 190487 | 190490 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190495 | 190500 | 190501 | 190502 | 190506 | 190516 | 190525 | 190530 | 190531 | 190533 | 190535 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190537 | 190544 | 190545 | 190553 | 190556 | 190558 | 190559 | 190560 | 190574 | 190576 | 190579 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190584 | 190596 | 190602 | 190604 | 190615 | 190623 | 190624 | 190637 | 190638 | 190641 | 190644 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190645 | 190647 | 190650 | 190651 | 190654 | 190656 | 190660 | 190661 | 190663 | 190665 | 190673 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190675 | 190685 | 190688 | 190690 | 190691 | 190694 | 190699 | 190712 | 190713 | 190715 | 190716 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190718 | 190723 | 190729 | 190730 | 190733 | 190734 | 190737 | 190747 | 190755 | 190761 | 190764 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190765 | 190774 | 190782 | 190785 | 190788 | 190797 | 190799 | 190801 | 190803 | 190807 | 190813 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190815 | 190817 | 190820 | 190830 | 190844 | 190860 | 190864 | 190866 | 190868 | 190874 | 190879 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190881 | 190883 | 190884 | 190885 | 190886 | 190894 | 190902 | 190912 | 190915 | 190917 | 190918 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190919 | 190930 | 190931 | 190939 | 190953 | 190955 | 190966 | 190967 | 190974 | 190978 | 190979 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 190981 | 190983 | 190990 | 190991 | 190992 | 190993 | 191003 | 191008 | 191011 | 191019 | 191025 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 191028 | 191035 | 191037 | 191051 | 191053 | 191059 | 191074 | 191075 | 191092 | 191094 | 191096 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 191097 | 191101 | 191115 | 191116 | 191119 | 191121 | 191130 | 191131 | 191133 | 191154 | 191155 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 191161 | 191164 | 191172 | 191174 | 191181 | 191184 | 191196 | 191199 | 191200 | 191202 | 191204 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 191222 | 191224 | 191230 | 191241 | 191242 | 191246 | 191251 | 191258 | 191267 | 191269 | 191282 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 191286 | 191292 | 191294 | 191299 | 191326 | 191337 | 191347 | 191362 | 191365 | 191366 | 191378 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 191380 | 191383 | 191397 | 191399 | 191402 | 191409 | 191413 | 191428 | 191432 | 191443 | 191448 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 1      |
| ## | 191449 | 191451 | 191452 | 191462 | 191478 | 191481 | 191486 | 191488 | 191489 | 191494 | 191500 |
| ## | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 1      |
| ## | 191502 | 191504 | 191518 | 191520 | 191521 | 191533 | 191537 | 191547 | 191552 | 191554 | 191559 |
| ## | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 191564 | 191570 | 191571 | 191574 | 191576 | 191582 | 191587 | 191588 | 191590 | 191599 | 191600 |
| ## | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 0      |
| ## | 191601 | 191602 | 191603 | 191613 | 191614 | 191615 | 191616 | 191619 | 191624 | 191636 | 191640 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 191641 | 191647 | 191649 | 191650 | 191651 | 191677 | 191682 | 191683 | 191687 | 191691 | 191692 |
| ## | 0      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 1      |
| ## | 191694 | 191711 | 191723 | 191724 | 191725 | 191729 | 191740 | 191751 | 191756 | 191758 | 191760 |
| ## | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 1      |
| ## | 191761 | 191762 | 191765 | 191766 | 191768 | 191769 | 191772 | 191773 | 191781 | 191782 | 191786 |
| ## | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      |
| ## | 191793 | 191798 | 191800 | 191802 | 191803 | 191806 | 191807 | 191810 | 191813 | 191814 | 191822 |
| ## | 1      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 1      | 1      | 0      |
| ## | 191825 | 191834 | 191836 | 191841 | 191846 | 191849 | 191850 | 191851 | 191860 | 191862 | 191864 |
| ## | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 1      | 1      | 0      |
| ## | 191865 | 191868 | 191871 | 191874 | 191876 | 191883 | 191886 | 191888 | 191890 | 191905 | 191907 |
| ## | 1      | 1      | 1      | 1      | 0      | 0      | 1      | 1      | 1      | 0      | 0      |
| ## | 191910 | 191915 | 191926 | 191929 | 191930 | 191932 | 191935 | 191936 | 191940 | 191945 | 191947 |
| ## | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 0      |
| ## | 191953 | 191955 | 191962 | 191965 | 191972 | 191973 | 191974 | 191981 | 191986 | 191987 | 191991 |
| ## | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 1      |
| ## | 191994 | 191995 | 191997 | 192005 | 192006 | 192007 | 192010 | 192011 | 192021 | 192026 | 192027 |
| ## | 1      | 0      | 1      | 1      | 0      | 1      | 1      | 0      | 1      | 0      | 0      |
| ## | 192029 | 192031 | 192033 | 192039 | 192043 | 192059 | 192063 | 192065 | 192066 | 192068 | 192069 |
| ## | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 1      | 1      | 1      |
| ## | 192074 | 192077 | 192080 | 192083 | 192086 | 192092 | 192094 | 192097 | 192101 | 192110 | 192114 |
| ## | 1      | 1      | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 0      |
| ## | 192115 | 192122 | 192129 | 192130 | 192133 | 192138 | 192146 | 192150 | 192152 | 192153 | 192156 |
| ## | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      | 0      | 0      |
| ## | 192165 | 192169 | 192171 | 192175 | 192177 | 192180 | 192191 | 192198 | 192210 | 192220 | 192222 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 192231 | 192241 | 192255 | 192256 | 192262 | 192265 | 192266 | 192268 | 192277 | 192288 | 192302 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 192303 | 192307 | 192311 | 192321 | 192323 | 192327 | 192329 | 192332 | 192335 | 192339 | 192350 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 192351 | 192352 | 192359 | 192363 | 192366 | 192372 | 192378 | 192386 | 192387 | 192398 | 192399 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 192404 | 192405 | 192409 | 192410 | 192417 | 192426 | 192428 | 192431 | 192432 | 192435 | 192445 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 192456 | 192466 | 192482 | 192487 | 192499 | 192502 | 192503 | 192508 | 192516 | 192518 | 192520 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 192525 | 192530 | 192532 | 192533 | 192534 | 192536 | 192541 | 192546 | 192550 | 192551 | 192569 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 192570 | 192589 | 192601 | 192605 | 192607 | 192610 | 192619 | 192634 | 192645 | 192647 | 192651 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 192654 | 192668 | 192674 | 192682 | 192693 | 192694 | 192698 | 192700 | 192706 | 192712 | 192725 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 192736 | 192739 | 192740 | 192741 | 192751 | 192756 | 192759 | 192765 | 192771 | 192778 | 192784 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 192786 | 192793 | 192798 | 192808 | 192812 | 192819 | 192826 | 192831 | 192840 | 192845 | 192852 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 192857 | 192861 | 192864 | 192869 | 192871 | 192873 | 192874 | 192897 | 192905 | 192906 | 192909 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 192910 | 192911 | 192917 | 192939 | 192943 | 192950 | 192952 | 192955 | 192961 | 192962 | 192964 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 192967 | 192972 | 192974 | 192976 | 192989 | 192996 | 192998 | 192999 | 193000 | 193002 | 193010 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 193011 | 193015 | 193024 | 193025 | 193026 | 193032 | 193035 | 193049 | 193051 | 193054 | 193061 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 193065 | 193067 | 193075 | 193081 | 193084 | 193108 | 193111 | 193112 | 193115 | 193116 | 193117 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 193136 | 193139 | 193146 | 193163 | 193173 | 193179 | 193181 | 193188 | 193192 | 193195 | 193199 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 193203 | 193206 | 193211 | 193213 | 193214 | 193216 | 193219 | 193226 | 193227 | 193239 | 193242 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 193251 | 193261 | 193270 | 193274 | 193286 | 193291 | 193296 | 193298 | 193301 | 193302 | 193305 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 193309 | 193316 | 193326 | 193334 | 193348 | 193350 | 193357 | 193360 | 193364 | 193367 | 193372 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 193378 | 193380 | 193381 | 193390 | 193399 | 193402 | 193406 | 193410 | 193412 | 193413 | 193416 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 193419 | 193427 | 193441 | 193444 | 193445 | 193446 | 193451 | 193459 | 193461 | 193463 | 193464 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 193465 | 193475 | 193477 | 193478 | 193488 | 193489 | 193496 | 193499 | 193501 | 193504 | 193509 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 193513 | 193523 | 193524 | 193528 | 193533 | 193544 | 193548 | 193551 | 193553 | 193555 | 193565 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 193577 | 193579 | 193581 | 193584 | 193585 | 193589 | 193590 | 193595 | 193596 | 193598 | 193601 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 193622 | 193623 | 193624 | 193629 | 193633 | 193638 | 193640 | 193654 | 193656 | 193661 | 193668 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 193671 | 193677 | 193678 | 193682 | 193686 | 193687 | 193690 | 193693 | 193697 | 193701 | 193704 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 193705 | 193707 | 193724 | 193730 | 193735 | 193737 | 193740 | 193742 | 193761 | 193762 | 193772 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      |
| ## | 193774 | 193780 | 193788 | 193798 | 193801 | 193802 | 193806 | 193818 | 193825 | 193829 | 193832 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 193833 | 193834 | 193847 | 193849 | 193858 | 193860 | 193866 | 193868 | 193877 | 193879 | 193883 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      |
| ## | 193888 | 193890 | 193891 | 193892 | 193895 | 193908 | 193930 | 193939 | 193940 | 193942 | 193945 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 193947 | 193954 | 193955 | 193956 | 193965 | 193966 | 193989 | 193991 | 193996 | 194006 | 194013 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 194024 | 194025 | 194026 | 194030 | 194032 | 194034 | 194038 | 194039 | 194043 | 194044 | 194048 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 194060 | 194061 | 194066 | 194067 | 194068 | 194071 | 194073 | 194075 | 194079 | 194084 | 194095 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 194099 | 194100 | 194102 | 194104 | 194108 | 194116 | 194124 | 194128 | 194134 | 194139 | 194143 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 194145 | 194146 | 194148 | 194150 | 194163 | 194174 | 194178 | 194183 | 194192 | 194195 | 194199 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 194201 | 194202 | 194203 | 194210 | 194211 | 194212 | 194220 | 194226 | 194244 | 194248 | 194249 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 194265 | 194268 | 194291 | 194292 | 194296 | 194301 | 194302 | 194308 | 194310 | 194316 | 194322 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 194327 | 194331 | 194338 | 194346 | 194349 | 194350 | 194358 | 194364 | 194367 | 194368 | 194372 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 194377 | 194391 | 194394 | 194396 | 194401 | 194406 | 194412 | 194424 | 194426 | 194438 | 194440 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 194442 | 194446 | 194455 | 194459 | 194460 | 194461 | 194462 | 194464 | 194475 | 194479 | 194481 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      |
| ## | 194485 | 194489 | 194491 | 194498 | 194513 | 194514 | 194524 | 194527 | 194531 | 194533 | 194535 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 194541 | 194542 | 194543 | 194546 | 194551 | 194554 | 194555 | 194556 | 194558 | 194560 | 194561 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 194564 | 194572 | 194582 | 194584 | 194586 | 194590 | 194610 | 194616 | 194618 | 194623 | 194625 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 194629 | 194636 | 194637 | 194640 | 194641 | 194648 | 194650 | 194652 | 194653 | 194655 | 194664 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 194677 | 194679 | 194682 | 194683 | 194691 | 194695 | 194702 | 194717 | 194721 | 194725 | 194734 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 194737 | 194742 | 194744 | 194749 | 194751 | 194756 | 194759 | 194763 | 194764 | 194765 | 194770 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 194789 | 194790 | 194791 | 194795 | 194801 | 194809 | 194810 | 194820 | 194826 | 194829 | 194835 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 194842 | 194843 | 194844 | 194846 | 194850 | 194852 | 194854 | 194857 | 194859 | 194860 | 194862 |
| ## | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 194868 | 194869 | 194876 | 194889 | 194890 | 194895 | 194908 | 194909 | 194910 | 194913 | 194916 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 194917 | 194926 | 194933 | 194936 | 194941 | 194943 | 194944 | 194950 | 194954 | 194955 | 194957 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 194959 | 194960 | 194961 | 194962 | 194975 | 194990 | 195004 | 195005 | 195007 | 195018 | 195020 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 195029 | 195043 | 195046 | 195047 | 195050 | 195063 | 195068 | 195073 | 195078 | 195081 | 195092 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 195107 | 195110 | 195111 | 195113 | 195117 | 195125 | 195133 | 195134 | 195159 | 195166 | 195167 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 1      |
| ## | 195169 | 195186 | 195191 | 195192 | 195194 | 195199 | 195207 | 195215 | 195216 | 195231 | 195236 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 0      |
| ## | 195238 | 195243 | 195248 | 195249 | 195251 | 195253 | 195257 | 195260 | 195265 | 195266 | 195271 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 195273 | 195274 | 195281 | 195282 | 195283 | 195287 | 195288 | 195304 | 195307 | 195310 | 195314 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 195322 | 195323 | 195326 | 195329 | 195339 | 195349 | 195357 | 195361 | 195364 | 195371 | 195372 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 195376 | 195383 | 195384 | 195390 | 195391 | 195399 | 195412 | 195414 | 195417 | 195423 | 195430 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 195434 | 195454 | 195455 | 195457 | 195463 | 195465 | 195468 | 195477 | 195479 | 195481 | 195482 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 195483 | 195484 | 195487 | 195489 | 195492 | 195493 | 195498 | 195504 | 195514 | 195515 | 195520 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 195530 | 195532 | 195539 | 195548 | 195551 | 195552 | 195556 | 195557 | 195558 | 195565 | 195569 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 195573 | 195594 | 195611 | 195623 | 195628 | 195629 | 195630 | 195632 | 195637 | 195644 | 195645 |
| ## | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 195659 | 195670 | 195676 | 195678 | 195683 | 195707 | 195708 | 195731 | 195732 | 195734 | 195737 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 195751 | 195757 | 195760 | 195765 | 195774 | 195778 | 195782 | 195784 | 195786 | 195790 | 195794 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 195796 | 195803 | 195811 | 195815 | 195816 | 195831 | 195845 | 195848 | 195850 | 195866 | 195867 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 195871 | 195873 | 195876 | 195878 | 195880 | 195881 | 195887 | 195889 | 195890 | 195898 | 195903 |
| ## | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 195907 | 195920 | 195941 | 195950 | 195961 | 195967 | 195970 | 195971 | 195973 | 195978 | 195992 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196000 | 196004 | 196005 | 196007 | 196019 | 196025 | 196027 | 196030 | 196031 | 196034 | 196035 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196048 | 196052 | 196056 | 196063 | 196068 | 196070 | 196081 | 196083 | 196085 | 196092 | 196096 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196099 | 196107 | 196117 | 196121 | 196125 | 196127 | 196129 | 196133 | 196134 | 196141 | 196143 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196144 | 196148 | 196156 | 196160 | 196164 | 196169 | 196173 | 196180 | 196183 | 196185 | 196187 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196192 | 196194 | 196195 | 196196 | 196197 | 196198 | 196202 | 196203 | 196205 | 196206 | 196209 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 196211 | 196216 | 196222 | 196226 | 196229 | 196232 | 196233 | 196246 | 196251 | 196266 | 196272 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196273 | 196274 | 196276 | 196284 | 196286 | 196294 | 196307 | 196312 | 196317 | 196335 | 196344 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 196352 | 196354 | 196368 | 196374 | 196376 | 196377 | 196392 | 196398 | 196399 | 196406 | 196413 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196425 | 196432 | 196434 | 196445 | 196452 | 196461 | 196483 | 196494 | 196496 | 196513 | 196516 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196519 | 196521 | 196525 | 196529 | 196532 | 196544 | 196548 | 196563 | 196564 | 196568 | 196572 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196578 | 196581 | 196584 | 196611 | 196613 | 196618 | 196629 | 196638 | 196640 | 196642 | 196645 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196651 | 196653 | 196654 | 196655 | 196657 | 196658 | 196661 | 196671 | 196674 | 196676 | 196679 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196682 | 196684 | 196690 | 196692 | 196697 | 196704 | 196705 | 196709 | 196724 | 196726 | 196733 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196736 | 196737 | 196739 | 196741 | 196742 | 196746 | 196747 | 196749 | 196750 | 196753 | 196755 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196763 | 196765 | 196771 | 196773 | 196782 | 196793 | 196798 | 196802 | 196803 | 196808 | 196812 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196817 | 196825 | 196827 | 196832 | 196841 | 196853 | 196854 | 196862 | 196865 | 196869 | 196876 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 196880 | 196883 | 196884 | 196888 | 196914 | 196918 | 196929 | 196930 | 196932 | 196933 | 196934 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 196942 | 196963 | 196965 | 196980 | 196982 | 196988 | 196991 | 196992 | 196993 | 196996 | 197000 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 197004 | 197006 | 197012 | 197015 | 197021 | 197022 | 197027 | 197033 | 197036 | 197037 | 197038 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 197051 | 197054 | 197058 | 197071 | 197078 | 197080 | 197082 | 197087 | 197089 | 197091 | 197101 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 197103 | 197123 | 197137 | 197147 | 197155 | 197159 | 197160 | 197166 | 197167 | 197168 | 197172 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 197179 | 197180 | 197187 | 197193 | 197194 | 197198 | 197199 | 197201 | 197202 | 197214 | 197218 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 197222 | 197223 | 197227 | 197230 | 197232 | 197236 | 197245 | 197249 | 197251 | 197252 | 197257 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 197266 | 197272 | 197273 | 197277 | 197280 | 197281 | 197283 | 197284 | 197285 | 197286 | 197292 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 197295 | 197297 | 197303 | 197309 | 197310 | 197316 | 197326 | 197332 | 197336 | 197339 | 197350 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 197372 | 197378 | 197379 | 197400 | 197403 | 197414 | 197426 | 197435 | 197438 | 197440 | 197451 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 197454 | 197457 | 197460 | 197465 | 197467 | 197469 | 197474 | 197477 | 197480 | 197481 | 197485 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 197486 | 197493 | 197497 | 197504 | 197506 | 197509 | 197510 | 197519 | 197524 | 197532 | 197534 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 197543 | 197545 | 197552 | 197554 | 197568 | 197571 | 197575 | 197581 | 197591 | 197593 | 197594 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 197596 | 197598 | 197601 | 197604 | 197606 | 197618 | 197626 | 197628 | 197629 | 197632 | 197643 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 197654 | 197657 | 197660 | 197661 | 197673 | 197678 | 197684 | 197689 | 197694 | 197695 | 197702 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 197703 | 197704 | 197705 | 197709 | 197715 | 197723 | 197726 | 197728 | 197736 | 197742 | 197744 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 197747 | 197758 | 197760 | 197777 | 197783 | 197788 | 197799 | 197800 | 197802 | 197804 | 197815 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 197819 | 197821 | 197825 | 197828 | 197833 | 197834 | 197841 | 197845 | 197850 | 197860 | 197861 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 197864 | 197868 | 197874 | 197875 | 197878 | 197888 | 197899 | 197902 | 197912 | 197918 | 197925 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 197928 | 197933 | 197953 | 197961 | 197962 | 197967 | 197978 | 197979 | 197983 | 197992 | 198002 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 198003 | 198012 | 198020 | 198021 | 198029 | 198046 | 198056 | 198058 | 198067 | 198068 | 198079 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 198080 | 198086 | 198088 | 198090 | 198111 | 198115 | 198119 | 198124 | 198135 | 198137 | 198139 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 198144 | 198161 | 198162 | 198172 | 198185 | 198189 | 198191 | 198197 | 198199 | 198200 | 198202 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 198215 | 198226 | 198230 | 198241 | 198243 | 198249 | 198250 | 198255 | 198257 | 198258 | 198259 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 198261 | 198276 | 198278 | 198283 | 198284 | 198287 | 198293 | 198298 | 198303 | 198308 | 198309 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 1      |
| ## | 198311 | 198312 | 198313 | 198315 | 198322 | 198324 | 198329 | 198331 | 198333 | 198338 | 198340 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 198363 | 198365 | 198368 | 198369 | 198370 | 198375 | 198380 | 198382 | 198384 | 198390 | 198399 |
| ## | 1      | 1      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 198400 | 198406 | 198418 | 198419 | 198423 | 198424 | 198432 | 198433 | 198438 | 198439 | 198440 |
| ## | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 198441 | 198452 | 198458 | 198463 | 198465 | 198466 | 198467 | 198471 | 198475 | 198476 | 198481 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 198483 | 198484 | 198485 | 198486 | 198488 | 198490 | 198500 | 198501 | 198510 | 198512 | 198513 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 198519 | 198523 | 198535 | 198547 | 198555 | 198568 | 198569 | 198576 | 198582 | 198585 | 198607 |



|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 198612 | 198613 | 198614 | 198624 | 198627 | 198630 | 198635 | 198637 | 198645 | 198650 | 198655 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 198660 | 198661 | 198668 | 198670 | 198683 | 198685 | 198689 | 198692 | 198694 | 198702 | 198715 |
| ## | 1      | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 198716 | 198717 | 198724 | 198725 | 198731 | 198732 | 198750 | 198752 | 198758 | 198759 | 198760 |
| ## | 1      | 1      | 1      | 0      | 1      | 0      | 1      | 1      | 1      | 1      | 0      |
| ## | 198761 | 198773 | 198776 | 198792 | 198795 | 198801 | 198802 | 198806 | 198826 | 198827 | 198842 |
| ## | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 1      | 0      |
| ## | 198847 | 198848 | 198852 | 198853 | 198858 | 198862 | 198867 | 198869 | 198871 | 198873 | 198877 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 0      |
| ## | 198880 | 198884 | 198896 | 198902 | 198903 | 198908 | 198909 | 198911 | 198918 | 198921 | 198922 |
| ## | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 198925 | 198927 | 198932 | 198933 | 198934 | 198941 | 198959 | 198967 | 198974 | 198977 | 198984 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 0      |
| ## | 198987 | 199017 | 199018 | 199024 | 199026 | 199027 | 199028 | 199035 | 199041 | 199043 | 199044 |
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 199050 | 199054 | 199056 | 199060 | 199061 | 199063 | 199065 | 199066 | 199069 | 199080 | 199083 |
| ## | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 0      | 1      | 1      | 1      |
| ## | 199085 | 199089 | 199095 | 199098 | 199099 | 199100 | 199112 | 199115 | 199118 | 199120 | 199123 |
| ## | 1      | 1      | 0      | 1      | 1      | 0      | 1      | 1      | 0      | 1      | 1      |
| ## | 199129 | 199130 | 199137 | 199141 | 199148 | 199152 | 199158 | 199164 | 199166 | 199172 | 199176 |
| ## | 1      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 199179 | 199180 | 199182 | 199189 | 199195 | 199200 | 199203 | 199208 | 199214 | 199218 | 199220 |
| ## | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 199225 | 199227 | 199233 | 199245 | 199248 | 199250 | 199252 | 199257 | 199258 | 199260 | 199266 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 199268 | 199277 | 199281 | 199282 | 199293 | 199297 | 199312 | 199314 | 199325 | 199327 | 199333 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 199336 | 199341 | 199345 | 199348 | 199349 | 199360 | 199372 | 199378 | 199380 | 199381 | 199386 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 199390 | 199410 | 199415 | 199418 | 199430 | 199436 | 199444 | 199446 | 199455 | 199460 | 199461 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 199463 | 199464 | 199481 | 199483 | 199484 | 199485 | 199496 | 199499 | 199502 | 199503 | 199507 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 199512 | 199513 | 199524 | 199531 | 199538 | 199539 | 199558 | 199560 | 199565 | 199567 | 199571 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 199573 | 199575 | 199582 | 199593 | 199602 | 199606 | 199611 | 199616 | 199622 | 199628 | 199634 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 199639 | 199641 | 199654 | 199656 | 199661 | 199665 | 199671 | 199680 | 199701 | 199708 | 199711 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 199713 | 199715 | 199734 | 199737 | 199744 | 199756 | 199760 | 199761 | 199762 | 199764 | 199766 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 0      |
| ## | 199772 | 199774 | 199787 | 199791 | 199793 | 199795 | 199797 | 199807 | 199813 | 199814 | 199815 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 199818 | 199845 | 199850 | 199856 | 199858 | 199861 | 199872 | 199878 | 199884 | 199889 | 199893 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 199896 | 199899 | 199900 | 199905 | 199913 | 199918 | 199922 | 199925 | 199932 | 199953 | 199961 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 199970 | 199973 | 199985 | 199993 | 199996 | 199997 | 199999 | 200009 | 200017 | 200021 | 200022 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 200025 | 200030 | 200047 | 200051 | 200052 | 200053 | 200059 | 200062 | 200069 | 200073 | 200087 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 200098 | 200101 | 200119 | 200122 | 200130 | 200131 | 200137 | 200144 | 200145 | 200147 | 200150 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 200151 | 200152 | 200156 | 200158 | 200161 | 200162 | 200165 | 200166 | 200172 | 200181 | 200183 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 200185 | 200189 | 200190 | 200191 | 200200 | 200203 | 200207 | 200216 | 200221 | 200224 | 200230 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 200236 | 200238 | 200241 | 200242 | 200245 | 200257 | 200262 | 200269 | 200272 | 200274 | 200275 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 200277 | 200290 | 200293 | 200297 | 200301 | 200302 | 200305 | 200309 | 200325 | 200331 | 200334 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 200335 | 200345 | 200346 | 200347 | 200348 | 200355 | 200356 | 200360 | 200374 | 200376 | 200382 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 200383 | 200390 | 200392 | 200396 | 200397 | 200399 | 200401 | 200406 | 200409 | 200411 | 200413 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 200418 | 200421 | 200424 | 200429 | 200449 | 200456 | 200460 | 200461 | 200462 | 200463 | 200470 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 200473 | 200479 | 200486 | 200491 | 200492 | 200494 | 200499 | 200501 | 200502 | 200504 | 200510 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 200515 | 200518 | 200520 | 200523 | 200528 | 200535 | 200538 | 200544 | 200550 | 200551 | 200552 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 200561 | 200562 | 200566 | 200571 | 200577 | 200578 | 200580 | 200582 | 200588 | 200597 | 200606 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 200609 | 200611 | 200633 | 200634 | 200635 | 200645 | 200648 | 200651 | 200654 | 200655 | 200656 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 200658 | 200662 | 200664 | 200668 | 200674 | 200675 | 200679 | 200680 | 200689 | 200691 | 200701 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 200703 | 200715 | 200717 | 200725 | 200727 | 200728 | 200734 | 200736 | 200739 | 200741 | 200742 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 200749 | 200757 | 200762 | 200776 | 200780 | 200789 | 200795 | 200798 | 200801 | 200804 | 200811 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 200817 | 200827 | 200833 | 200842 | 200843 | 200844 | 200848 | 200862 | 200866 | 200870 | 200872 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 200877 | 200881 | 200884 | 200894 | 200897 | 200898 | 200899 | 200908 | 200914 | 200915 | 200919 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 200926 | 200928 | 200939 | 200940 | 200943 | 200949 | 200964 | 200966 | 200969 | 200971 | 200972 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 200976 | 200981 | 200984 | 200985 | 200987 | 200990 | 200995 | 200999 | 201010 | 201017 | 201022 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201032 | 201034 | 201036 | 201038 | 201043 | 201044 | 201046 | 201051 | 201052 | 201063 | 201065 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201066 | 201069 | 201071 | 201072 | 201078 | 201081 | 201082 | 201100 | 201105 | 201107 | 201113 |
| ## | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 201126 | 201127 | 201135 | 201136 | 201138 | 201143 | 201144 | 201145 | 201148 | 201157 | 201169 |
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| ## | 201171 | 201181 | 201183 | 201189 | 201191 | 201204 | 201206 | 201213 | 201215 | 201217 | 201218 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201221 | 201222 | 201223 | 201229 | 201230 | 201232 | 201234 | 201236 | 201242 | 201244 | 201245 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201248 | 201251 | 201252 | 201260 | 201261 | 201262 | 201268 | 201269 | 201273 | 201282 | 201283 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201291 | 201293 | 201294 | 201299 | 201300 | 201306 | 201308 | 201316 | 201318 | 201321 | 201344 |
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| ## | 201350 | 201360 | 201365 | 201367 | 201378 | 201381 | 201384 | 201389 | 201392 | 201396 | 201398 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201404 | 201413 | 201415 | 201418 | 201423 | 201429 | 201434 | 201437 | 201440 | 201444 | 201446 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201447 | 201457 | 201459 | 201464 | 201469 | 201472 | 201476 | 201481 | 201484 | 201490 | 201496 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201497 | 201500 | 201502 | 201505 | 201517 | 201518 | 201526 | 201532 | 201535 | 201538 | 201539 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201540 | 201543 | 201547 | 201550 | 201554 | 201557 | 201559 | 201567 | 201569 | 201573 | 201574 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201582 | 201583 | 201589 | 201594 | 201596 | 201605 | 201608 | 201613 | 201619 | 201626 | 201631 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 201641 | 201644 | 201656 | 201678 | 201686 | 201692 | 201700 | 201702 | 201710 | 201715 | 201719 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201720 | 201721 | 201727 | 201736 | 201738 | 201747 | 201748 | 201753 | 201754 | 201758 | 201765 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201777 | 201788 | 201789 | 201790 | 201794 | 201802 | 201808 | 201812 | 201813 | 201817 | 201823 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201833 | 201839 | 201840 | 201845 | 201855 | 201860 | 201868 | 201871 | 201880 | 201893 | 201901 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 201910 | 201915 | 201916 | 201932 | 201933 | 201940 | 201941 | 201953 | 201962 | 201972 | 201980 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 201982 | 201987 | 201988 | 201997 | 202006 | 202007 | 202020 | 202024 | 202027 | 202041 | 202052 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 202053 | 202057 | 202059 | 202060 | 202062 | 202064 | 202068 | 202081 | 202085 | 202090 | 202096 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 202101 | 202104 | 202109 | 202112 | 202118 | 202122 | 202125 | 202127 | 202131 | 202132 | 202146 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 202149 | 202150 | 202154 | 202157 | 202159 | 202168 | 202174 | 202179 | 202197 | 202210 | 202213 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 202214 | 202215 | 202222 | 202235 | 202237 | 202248 | 202253 | 202260 | 202277 | 202281 | 202289 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 202292 | 202300 | 202309 | 202314 | 202315 | 202324 | 202338 | 202341 | 202344 | 202346 | 202349 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 202356 | 202366 | 202381 | 202383 | 202392 | 202396 | 202398 | 202400 | 202401 | 202403 | 202405 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 202416 | 202417 | 202421 | 202427 | 202432 | 202433 | 202441 | 202442 | 202462 | 202463 | 202464 |
| ## | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 202477 | 202481 | 202483 | 202485 | 202488 | 202493 | 202498 | 202502 | 202507 | 202509 | 202514 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 202515 | 202522 | 202527 | 202530 | 202541 | 202545 | 202546 | 202549 | 202556 | 202564 | 202568 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 202574 | 202579 | 202582 | 202584 | 202586 | 202589 | 202592 | 202600 | 202602 | 202603 | 202610 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 202612 | 202615 | 202621 | 202623 | 202626 | 202630 | 202646 | 202651 | 202656 | 202657 | 202659 |
| ## | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 202664 | 202666 | 202674 | 202676 | 202680 | 202684 | 202687 | 202694 | 202696 | 202699 | 202703 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 202706 | 202712 | 202713 | 202714 | 202730 | 202733 | 202734 | 202739 | 202742 | 202749 | 202750 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 202754 | 202757 | 202758 | 202776 | 202777 | 202778 | 202780 | 202787 | 202816 | 202818 | 202820 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 202824 | 202838 | 202839 | 202842 | 202845 | 202850 | 202852 | 202856 | 202858 | 202859 | 202860 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 202871 | 202875 | 202877 | 202895 | 202896 | 202900 | 202903 | 202906 | 202917 | 202919 | 202926 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      |
| ## | 202931 | 202932 | 202943 | 202947 | 202952 | 202953 | 202959 | 202963 | 202965 | 202968 | 202981 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 202988 | 203004 | 203006 | 203019 | 203021 | 203025 | 203029 | 203032 | 203035 | 203045 | 203052 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 203061 | 203064 | 203068 | 203069 | 203071 | 203073 | 203080 | 203094 | 203108 | 203110 | 203120 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203122 | 203124 | 203126 | 203128 | 203129 | 203135 | 203141 | 203144 | 203146 | 203147 | 203157 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 203162 | 203163 | 203164 | 203166 | 203167 | 203170 | 203173 | 203178 | 203181 | 203182 | 203183 |
| ## | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 203184 | 203186 | 203191 | 203195 | 203201 | 203204 | 203205 | 203206 | 203208 | 203222 | 203229 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 203233 | 203263 | 203266 | 203268 | 203269 | 203278 | 203280 | 203288 | 203293 | 203295 | 203300 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203303 | 203307 | 203329 | 203343 | 203347 | 203348 | 203349 | 203350 | 203351 | 203364 | 203390 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203391 | 203392 | 203393 | 203398 | 203404 | 203409 | 203412 | 203416 | 203433 | 203437 | 203443 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203447 | 203449 | 203460 | 203465 | 203469 | 203474 | 203475 | 203478 | 203481 | 203492 | 203494 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203498 | 203499 | 203502 | 203504 | 203508 | 203517 | 203523 | 203529 | 203535 | 203538 | 203544 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203545 | 203549 | 203552 | 203554 | 203564 | 203565 | 203566 | 203573 | 203583 | 203585 | 203586 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203589 | 203597 | 203602 | 203607 | 203613 | 203636 | 203641 | 203643 | 203645 | 203646 | 203652 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203666 | 203668 | 203681 | 203688 | 203689 | 203702 | 203711 | 203715 | 203719 | 203720 | 203721 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203723 | 203724 | 203726 | 203727 | 203732 | 203748 | 203752 | 203753 | 203757 | 203763 | 203764 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203767 | 203788 | 203794 | 203795 | 203799 | 203821 | 203828 | 203833 | 203836 | 203837 | 203840 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203847 | 203849 | 203850 | 203851 | 203872 | 203880 | 203882 | 203883 | 203885 | 203893 | 203898 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203904 | 203905 | 203909 | 203912 | 203919 | 203922 | 203925 | 203929 | 203930 | 203933 | 203936 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203942 | 203951 | 203952 | 203954 | 203960 | 203965 | 203968 | 203972 | 203975 | 203979 | 203988 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 203995 | 204019 | 204022 | 204035 | 204036 | 204041 | 204044 | 204045 | 204047 | 204061 | 204069 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204070 | 204081 | 204084 | 204085 | 204086 | 204101 | 204106 | 204107 | 204108 | 204109 | 204119 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204127 | 204134 | 204144 | 204155 | 204175 | 204176 | 204177 | 204179 | 204184 | 204186 | 204190 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 204201 | 204203 | 204212 | 204215 | 204219 | 204224 | 204237 | 204238 | 204244 | 204246 | 204248 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 204250 | 204251 | 204252 | 204253 | 204266 | 204267 | 204280 | 204282 | 204286 | 204288 | 204291 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204296 | 204299 | 204302 | 204308 | 204310 | 204313 | 204315 | 204316 | 204323 | 204324 | 204325 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204330 | 204332 | 204338 | 204343 | 204356 | 204362 | 204365 | 204369 | 204370 | 204380 | 204387 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 204395 | 204400 | 204402 | 204408 | 204410 | 204411 | 204412 | 204417 | 204425 | 204430 | 204437 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204441 | 204449 | 204464 | 204475 | 204492 | 204499 | 204513 | 204515 | 204516 | 204518 | 204519 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204528 | 204530 | 204533 | 204534 | 204547 | 204558 | 204565 | 204568 | 204574 | 204583 | 204585 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204590 | 204591 | 204592 | 204593 | 204595 | 204603 | 204604 | 204605 | 204608 | 204614 | 204618 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204619 | 204621 | 204623 | 204625 | 204626 | 204637 | 204638 | 204641 | 204647 | 204655 | 204656 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204659 | 204661 | 204664 | 204665 | 204668 | 204669 | 204678 | 204680 | 204682 | 204685 | 204686 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204687 | 204690 | 204693 | 204699 | 204706 | 204713 | 204715 | 204733 | 204739 | 204750 | 204754 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204761 | 204773 | 204775 | 204795 | 204800 | 204801 | 204803 | 204807 | 204823 | 204826 | 204828 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204832 | 204841 | 204845 | 204848 | 204850 | 204858 | 204859 | 204863 | 204864 | 204866 | 204872 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 204873 | 204875 | 204876 | 204877 | 204881 | 204885 | 204897 | 204912 | 204915 | 204918 | 204923 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204928 | 204930 | 204931 | 204933 | 204934 | 204939 | 204945 | 204949 | 204952 | 204955 | 204960 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 204965 | 204966 | 204972 | 204975 | 204979 | 204980 | 204990 | 204993 | 204994 | 205010 | 205014 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 205017 | 205019 | 205027 | 205031 | 205034 | 205036 | 205044 | 205048 | 205057 | 205071 | 205077 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 205083 | 205087 | 205108 | 205112 | 205117 | 205123 | 205125 | 205127 | 205128 | 205130 | 205132 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 205133 | 205136 | 205142 | 205145 | 205156 | 205162 | 205173 | 205177 | 205185 | 205186 | 205187 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 205193 | 205195 | 205205 | 205214 | 205215 | 205218 | 205227 | 205230 | 205233 | 205237 | 205238 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 205241 | 205242 | 205243 | 205255 | 205264 | 205271 | 205273 | 205284 | 205286 | 205292 | 205299 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 205309 | 205310 | 205331 | 205335 | 205338 | 205347 | 205349 | 205350 | 205351 | 205357 | 205359 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 205365 | 205366 | 205367 | 205371 | 205373 | 205374 | 205381 | 205385 | 205389 | 205396 | 205400 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 205407 | 205427 | 205429 | 205432 | 205433 | 205437 | 205442 | 205448 | 205449 | 205451 | 205453 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 205457 | 205466 | 205467 | 205469 | 205470 | 205473 | 205477 | 205481 | 205512 | 205523 | 205525 |
| ## | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 205526 | 205528 | 205532 | 205534 | 205543 | 205544 | 205545 | 205546 | 205556 | 205560 | 205562 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 1      | 0      |
| ## | 205570 | 205571 | 205576 | 205578 | 205579 | 205582 | 205584 | 205585 | 205587 | 205595 | 205601 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 205602 | 205604 | 205607 | 205610 | 205611 | 205613 | 205615 | 205616 | 205627 | 205630 | 205635 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 0      |
| ## | 205636 | 205637 | 205645 | 205648 | 205649 | 205659 | 205661 | 205664 | 205667 | 205673 | 205683 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 205684 | 205692 | 205702 | 205707 | 205714 | 205716 | 205717 | 205718 | 205720 | 205724 | 205725 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 205727 | 205730 | 205735 | 205738 | 205741 | 205742 | 205747 | 205748 | 205754 | 205761 | 205763 |
| ## | 1      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 205765 | 205767 | 205776 | 205788 | 205799 | 205805 | 205810 | 205815 | 205818 | 205819 | 205827 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 205833 | 205834 | 205836 | 205837 | 205840 | 205842 | 205843 | 205857 | 205862 | 205868 | 205869 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 205876 | 205881 | 205884 | 205885 | 205893 | 205897 | 205908 | 205916 | 205917 | 205918 | 205925 |
| ## | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 205930 | 205937 | 205946 | 205951 | 205952 | 205954 | 205955 | 205956 | 205960 | 205967 | 205969 |
| ## | 1      | 1      | 1      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 1      |
| ## | 205970 | 205972 | 205976 | 205982 | 205985 | 205987 | 205993 | 206004 | 206006 | 206016 | 206017 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 206018 | 206020 | 206028 | 206039 | 206042 | 206044 | 206053 | 206057 | 206058 | 206064 | 206065 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 206074 | 206087 | 206090 | 206096 | 206097 | 206098 | 206112 | 206122 | 206124 | 206128 | 206129 |
| ## | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 206130 | 206131 | 206132 | 206137 | 206139 | 206143 | 206144 | 206157 | 206158 | 206161 | 206166 |
| ## | 0      | 0      | 1      | 1      | 1      | 0      | 1      | 0      | 1      | 1      | 0      |
| ## | 206169 | 206176 | 206177 | 206191 | 206208 | 206213 | 206215 | 206216 | 206217 | 206218 | 206220 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 206222 | 206227 | 206234 | 206237 | 206248 | 206249 | 206251 | 206252 | 206261 | 206266 | 206273 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 206282 | 206286 | 206288 | 206293 | 206301 | 206305 | 206312 | 206320 | 206324 | 206328 | 206338 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 206339 | 206340 | 206343 | 206347 | 206354 | 206355 | 206356 | 206357 | 206361 | 206362 | 206366 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 206371 | 206387 | 206388 | 206391 | 206392 | 206394 | 206397 | 206400 | 206403 | 206404 | 206415 |
| ## | 1      | 1      | 1      | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 1      |
| ## | 206416 | 206431 | 206432 | 206435 | 206436 | 206438 | 206442 | 206449 | 206452 | 206457 | 206463 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 206469 | 206471 | 206476 | 206477 | 206478 | 206480 | 206482 | 206483 | 206499 | 206500 | 206502 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 206506 | 206512 | 206513 | 206516 | 206532 | 206546 | 206547 | 206550 | 206552 | 206559 | 206563 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 1      | 0      |
| ## | 206564 | 206565 | 206566 | 206567 | 206570 | 206572 | 206573 | 206580 | 206589 | 206597 | 206609 |
| ## | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 1      | 1      | 0      | 1      |
| ## | 206619 | 206624 | 206625 | 206627 | 206636 | 206640 | 206646 | 206647 | 206650 | 206651 | 206653 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      |
| ## | 206656 | 206659 | 206660 | 206665 | 206669 | 206671 | 206674 | 206677 | 206678 | 206680 | 206683 |
| ## | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 1      | 0      | 1      | 1      |
| ## | 206684 | 206708 | 206713 | 206725 | 206730 | 206735 | 206759 | 206762 | 206763 | 206766 | 206767 |
| ## | 1      | 1      | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 1      |
| ## | 206768 | 206769 | 206775 | 206779 | 206795 | 206796 | 206803 | 206805 | 206811 | 206813 | 206819 |
| ## | 1      | 0      | 1      | 0      | 1      | 1      | 1      | 1      | 0      | 1      | 1      |
| ## | 206820 | 206823 | 206827 | 206831 | 206840 | 206843 | 206844 | 206850 | 206853 | 206869 | 206871 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 1      |
| ## | 206872 | 206879 | 206884 | 206896 | 206898 | 206904 | 206908 | 206913 | 206926 | 206937 | 206939 |
| ## | 1      | 0      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 206944 | 206946 | 206947 | 206950 | 206959 | 206973 | 206978 | 206981 | 206983 | 206990 | 206993 |
| ## | 1      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 1      |
| ## | 206994 | 207011 | 207018 | 207022 | 207032 | 207033 | 207043 | 207045 | 207046 | 207048 | 207052 |
| ## | 0      | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 1      | 1      |
| ## | 207055 | 207059 | 207060 | 207061 | 207091 | 207095 | 207096 | 207101 | 207106 | 207111 | 207117 |
| ## | 1      | 0      | 1      | 1      | 0      | 0      | 1      | 0      | 1      | 1      | 0      |
| ## | 207120 | 207124 | 207125 | 207132 | 207133 | 207135 | 207141 | 207142 | 207143 | 207159 | 207162 |
| ## | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 207166 | 207168 | 207177 | 207185 | 207186 | 207192 | 207193 | 207197 | 207200 | 207202 | 207206 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 207212 | 207213 | 207217 | 207233 | 207237 | 207241 | 207244 | 207245 | 207253 | 207271 | 207278 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 207290 | 207294 | 207304 | 207306 | 207307 | 207319 | 207320 | 207324 | 207328 | 207331 | 207336 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 207344 | 207352 | 207354 | 207367 | 207376 | 207385 | 207387 | 207388 | 207389 | 207390 | 207398 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 207399 | 207408 | 207410 | 207416 | 207422 | 207429 | 207436 | 207440 | 207449 | 207457 | 207463 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 207467 | 207470 | 207473 | 207476 | 207487 | 207490 | 207491 | 207501 | 207506 | 207508 | 207523 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 207524 | 207526 | 207533 | 207536 | 207537 | 207539 | 207543 | 207546 | 207547 | 207551 | 207560 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 207565 | 207567 | 207569 | 207570 | 207576 | 207577 | 207579 | 207584 | 207586 | 207588 | 207590 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 207593 | 207597 | 207598 | 207612 | 207622 | 207624 | 207626 | 207630 | 207633 | 207636 | 207642 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 207644 | 207645 | 207658 | 207659 | 207663 | 207666 | 207674 | 207684 | 207691 | 207694 | 207704 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 207720 | 207721 | 207723 | 207726 | 207728 | 207738 | 207743 | 207751 | 207758 | 207763 | 207770 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 207775 | 207779 | 207782 | 207785 | 207787 | 207789 | 207794 | 207800 | 207802 | 207814 | 207816 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 207817 | 207818 | 207820 | 207822 | 207827 | 207828 | 207831 | 207834 | 207835 | 207837 | 207841 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 207844 | 207848 | 207850 | 207853 | 207855 | 207867 | 207874 | 207880 | 207888 | 207903 | 207913 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 207916 | 207920 | 207922 | 207923 | 207927 | 207929 | 207932 | 207935 | 207942 | 207950 | 207952 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 207955 | 207956 | 207957 | 207958 | 207970 | 207973 | 207982 | 207984 | 207986 | 207987 | 207992 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 207996 | 208007 | 208008 | 208011 | 208012 | 208013 | 208030 | 208031 | 208043 | 208050 | 208051 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 208057 | 208060 | 208065 | 208068 | 208075 | 208083 | 208084 | 208093 | 208100 | 208108 | 208109 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 208111 | 208126 | 208128 | 208139 | 208149 | 208155 | 208158 | 208160 | 208161 | 208163 | 208164 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 208167 | 208173 | 208178 | 208186 | 208189 | 208192 | 208193 | 208195 | 208200 | 208203 | 208207 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 208209 | 208214 | 208216 | 208217 | 208223 | 208227 | 208228 | 208231 | 208232 | 208234 | 208235 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 208241 | 208244 | 208247 | 208249 | 208258 | 208271 | 208274 | 208275 | 208278 | 208287 | 208288 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 208312 | 208315 | 208319 | 208335 | 208338 | 208340 | 208346 | 208356 | 208362 | 208363 | 208376 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 208382 | 208392 | 208394 | 208395 | 208397 | 208401 | 208402 | 208404 | 208418 | 208425 | 208431 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 208432 | 208434 | 208435 | 208444 | 208445 | 208453 | 208455 | 208456 | 208457 | 208460 | 208474 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 208480 | 208481 | 208485 | 208487 | 208492 | 208493 | 208499 | 208501 | 208522 | 208528 | 208529 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 208544 | 208552 | 208556 | 208559 | 208561 | 208574 | 208580 | 208587 | 208588 | 208589 | 208594 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 208598 | 208601 | 208603 | 208609 | 208612 | 208619 | 208621 | 208624 | 208627 | 208635 | 208640 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 208651 | 208671 | 208680 | 208681 | 208688 | 208696 | 208697 | 208706 | 208708 | 208709 | 208713 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 208716 | 208721 | 208733 | 208736 | 208740 | 208742 | 208753 | 208757 | 208761 | 208766 | 208768 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 208775 | 208780 | 208789 | 208793 | 208795 | 208798 | 208802 | 208807 | 208811 | 208815 | 208816 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 208818 | 208820 | 208822 | 208838 | 208843 | 208846 | 208848 | 208850 | 208852 | 208858 | 208866 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 208884 | 208885 | 208890 | 208891 | 208894 | 208895 | 208902 | 208923 | 208942 | 208945 | 208946 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 208956 | 208966 | 208977 | 208979 | 208990 | 208991 | 208993 | 208999 | 209003 | 209005 | 209013 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 209014 | 209025 | 209042 | 209048 | 209050 | 209059 | 209060 | 209064 | 209067 | 209081 | 209087 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 209088 | 209095 | 209096 | 209101 | 209103 | 209107 | 209109 | 209115 | 209116 | 209118 | 209121 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 209123 | 209126 | 209127 | 209138 | 209148 | 209151 | 209156 | 209162 | 209165 | 209171 | 209177 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 209178 | 209186 | 209188 | 209210 | 209234 | 209241 | 209248 | 209249 | 209250 | 209253 | 209265 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 209285 | 209287 | 209291 | 209295 | 209304 | 209310 | 209312 | 209314 | 209328 | 209330 | 209340 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 209342 | 209343 | 209352 | 209355 | 209360 | 209363 | 209380 | 209385 | 209389 | 209390 | 209402 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 209416 | 209425 | 209430 | 209431 | 209436 | 209437 | 209443 | 209456 | 209459 | 209460 | 209464 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 209473 | 209474 | 209504 | 209513 | 209515 | 209547 | 209549 | 209551 | 209552 | 209561 | 209575 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 1      |
| ## | 209577 | 209578 | 209581 | 209585 | 209589 | 209590 | 209593 | 209602 | 209603 | 209610 | 209612 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 209618 | 209619 | 209622 | 209625 | 209626 | 209627 | 209636 | 209645 | 209646 | 209654 | 209655 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 209656 | 209657 | 209659 | 209665 | 209672 | 209677 | 209681 | 209683 | 209699 | 209702 | 209707 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 209711 | 209714 | 209719 | 209731 | 209732 | 209741 | 209744 | 209749 | 209753 | 209760 | 209771 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 209780 | 209800 | 209811 | 209813 | 209814 | 209816 | 209818 | 209820 | 209822 | 209824 | 209827 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 209837 | 209841 | 209842 | 209850 | 209852 | 209870 | 209884 | 209885 | 209886 | 209887 | 209893 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 209902 | 209911 | 209914 | 209923 | 209932 | 209934 | 209935 | 209936 | 209937 | 209947 | 209953 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      |
| ## | 209956 | 209964 | 209971 | 209980 | 209984 | 209985 | 209990 | 209992 | 209994 | 210003 | 210007 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 210013 | 210014 | 210019 | 210020 | 210042 | 210044 | 210048 | 210056 | 210062 | 210068 | 210069 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 210078 | 210090 | 210100 | 210113 | 210116 | 210119 | 210121 | 210129 | 210131 | 210136 | 210144 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      |
| ## | 210145 | 210152 | 210158 | 210160 | 210164 | 210171 | 210181 | 210182 | 210183 | 210184 | 210185 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 210199 | 210204 | 210208 | 210212 | 210230 | 210236 | 210240 | 210241 | 210242 | 210243 | 210248 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 210253 | 210255 | 210259 | 210260 | 210262 | 210263 | 210269 | 210273 | 210274 | 210276 | 210294 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 210296 | 210306 | 210318 | 210325 | 210330 | 210332 | 210340 | 210345 | 210346 | 210350 | 210353 |



|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 210354 | 210358 | 210361 | 210366 | 210371 | 210373 | 210374 | 210387 | 210394 | 210406 | 210416 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 210419 | 210421 | 210426 | 210430 | 210435 | 210436 | 210437 | 210441 | 210442 | 210444 | 210447 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 210450 | 210451 | 210458 | 210461 | 210466 | 210476 | 210477 | 210482 | 210483 | 210494 | 210496 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 210503 | 210508 | 210509 | 210513 | 210521 | 210529 | 210530 | 210542 | 210543 | 210545 | 210546 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 210552 | 210554 | 210557 | 210559 | 210560 | 210566 | 210568 | 210571 | 210577 | 210580 | 210589 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 210594 | 210601 | 210604 | 210605 | 210611 | 210618 | 210620 | 210622 | 210623 | 210625 | 210633 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 210642 | 210646 | 210651 | 210667 | 210669 | 210675 | 210683 | 210688 | 210692 | 210695 | 210702 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 210704 | 210709 | 210711 | 210714 | 210715 | 210723 | 210732 | 210737 | 210741 | 210751 | 210758 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 210761 | 210763 | 210777 | 210786 | 210793 | 210794 | 210796 | 210800 | 210809 | 210813 | 210821 |
| ## | 1      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 210834 | 210838 | 210840 | 210843 | 210846 | 210850 | 210851 | 210852 | 210853 | 210855 | 210859 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 210863 | 210874 | 210875 | 210877 | 210881 | 210893 | 210894 | 210899 | 210918 | 210920 | 210922 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 210924 | 210926 | 210927 | 210930 | 210935 | 210942 | 210949 | 210950 | 210951 | 210959 | 210963 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 210964 | 210972 | 210973 | 210974 | 210987 | 210988 | 210990 | 210992 | 211000 | 211003 | 211007 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211011 | 211012 | 211013 | 211014 | 211017 | 211018 | 211035 | 211044 | 211059 | 211074 | 211077 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211080 | 211081 | 211084 | 211085 | 211089 | 211091 | 211104 | 211105 | 211109 | 211110 | 211113 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211114 | 211121 | 211122 | 211130 | 211134 | 211136 | 211137 | 211147 | 211148 | 211151 | 211157 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211175 | 211188 | 211190 | 211194 | 211195 | 211200 | 211207 | 211210 | 211211 | 211212 | 211226 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211227 | 211230 | 211233 | 211243 | 211252 | 211253 | 211268 | 211273 | 211279 | 211282 | 211293 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 211312 | 211318 | 211320 | 211325 | 211326 | 211343 | 211344 | 211349 | 211356 | 211358 | 211359 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 211360 | 211367 | 211373 | 211375 | 211376 | 211377 | 211381 | 211383 | 211386 | 211394 | 211395 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211406 | 211416 | 211419 | 211426 | 211432 | 211436 | 211442 | 211446 | 211447 | 211453 | 211457 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211461 | 211464 | 211468 | 211470 | 211475 | 211483 | 211497 | 211500 | 211507 | 211509 | 211512 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211515 | 211517 | 211520 | 211529 | 211534 | 211545 | 211556 | 211562 | 211564 | 211567 | 211569 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211570 | 211575 | 211579 | 211581 | 211582 | 211594 | 211607 | 211625 | 211629 | 211632 | 211634 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211635 | 211639 | 211640 | 211643 | 211646 | 211659 | 211660 | 211661 | 211665 | 211675 | 211679 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211681 | 211690 | 211691 | 211701 | 211702 | 211708 | 211712 | 211719 | 211720 | 211725 | 211729 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211754 | 211758 | 211763 | 211768 | 211776 | 211777 | 211781 | 211783 | 211787 | 211791 | 211792 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211802 | 211804 | 211807 | 211810 | 211813 | 211825 | 211830 | 211856 | 211857 | 211858 | 211861 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211863 | 211866 | 211872 | 211888 | 211894 | 211895 | 211900 | 211902 | 211908 | 211910 | 211932 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211935 | 211939 | 211940 | 211943 | 211945 | 211952 | 211953 | 211961 | 211966 | 211969 | 211972 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 211973 | 211978 | 211991 | 211992 | 212002 | 212006 | 212009 | 212015 | 212021 | 212023 | 212025 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212026 | 212027 | 212030 | 212038 | 212050 | 212062 | 212064 | 212070 | 212079 | 212082 | 212090 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212102 | 212105 | 212114 | 212120 | 212121 | 212127 | 212128 | 212133 | 212148 | 212149 | 212152 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212155 | 212159 | 212160 | 212170 | 212171 | 212173 | 212183 | 212186 | 212189 | 212194 | 212197 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 212198 | 212200 | 212201 | 212202 | 212203 | 212209 | 212214 | 212219 | 212235 | 212237 | 212254 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212257 | 212264 | 212269 | 212274 | 212278 | 212287 | 212292 | 212310 | 212313 | 212314 | 212315 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212316 | 212324 | 212325 | 212326 | 212329 | 212341 | 212354 | 212357 | 212359 | 212374 | 212382 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212389 | 212391 | 212394 | 212398 | 212402 | 212407 | 212417 | 212425 | 212426 | 212433 | 212434 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212438 | 212439 | 212447 | 212455 | 212462 | 212481 | 212484 | 212486 | 212491 | 212496 | 212499 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212500 | 212507 | 212510 | 212518 | 212522 | 212524 | 212525 | 212529 | 212531 | 212534 | 212535 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212537 | 212538 | 212545 | 212563 | 212564 | 212569 | 212570 | 212576 | 212578 | 212580 | 212588 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212596 | 212610 | 212612 | 212621 | 212623 | 212630 | 212633 | 212638 | 212639 | 212654 | 212656 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212658 | 212667 | 212672 | 212681 | 212683 | 212688 | 212693 | 212700 | 212706 | 212707 | 212708 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 212716 | 212717 | 212718 | 212728 | 212739 | 212746 | 212749 | 212750 | 212761 | 212762 | 212764 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 212769 | 212770 | 212776 | 212782 | 212784 | 212797 | 212802 | 212811 | 212817 | 212818 | 212829 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212832 | 212838 | 212847 | 212855 | 212861 | 212868 | 212869 | 212871 | 212878 | 212886 | 212894 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212903 | 212908 | 212909 | 212916 | 212923 | 212934 | 212936 | 212937 | 212939 | 212940 | 212943 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212944 | 212952 | 212955 | 212967 | 212971 | 212974 | 212975 | 212978 | 212980 | 212984 | 212987 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 212988 | 212989 | 212991 | 213001 | 213004 | 213008 | 213019 | 213023 | 213024 | 213035 | 213049 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 213050 | 213053 | 213054 | 213060 | 213070 | 213071 | 213085 | 213089 | 213098 | 213099 | 213102 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213107 | 213119 | 213123 | 213125 | 213131 | 213134 | 213141 | 213152 | 213161 | 213164 | 213165 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213167 | 213168 | 213169 | 213172 | 213180 | 213181 | 213182 | 213188 | 213192 | 213198 | 213199 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213206 | 213208 | 213212 | 213214 | 213216 | 213217 | 213224 | 213227 | 213230 | 213231 | 213234 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213235 | 213238 | 213248 | 213252 | 213253 | 213254 | 213258 | 213267 | 213270 | 213278 | 213282 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213284 | 213285 | 213295 | 213299 | 213304 | 213315 | 213316 | 213323 | 213328 | 213330 | 213338 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213339 | 213344 | 213347 | 213354 | 213355 | 213359 | 213362 | 213369 | 213373 | 213375 | 213385 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213387 | 213405 | 213411 | 213417 | 213420 | 213425 | 213431 | 213432 | 213435 | 213438 | 213440 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213441 | 213442 | 213446 | 213448 | 213450 | 213451 | 213464 | 213470 | 213471 | 213473 | 213474 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213480 | 213482 | 213483 | 213488 | 213498 | 213501 | 213510 | 213511 | 213516 | 213518 | 213519 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213532 | 213534 | 213535 | 213545 | 213561 | 213566 | 213568 | 213572 | 213582 | 213583 | 213584 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213585 | 213586 | 213591 | 213593 | 213595 | 213596 | 213597 | 213599 | 213606 | 213615 | 213619 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213624 | 213627 | 213633 | 213641 | 213649 | 213659 | 213673 | 213677 | 213678 | 213680 | 213690 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213691 | 213695 | 213700 | 213701 | 213702 | 213710 | 213718 | 213730 | 213731 | 213737 | 213740 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213743 | 213749 | 213750 | 213753 | 213761 | 213763 | 213769 | 213770 | 213775 | 213780 | 213784 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213788 | 213791 | 213792 | 213797 | 213800 | 213810 | 213818 | 213821 | 213823 | 213830 | 213840 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213843 | 213853 | 213857 | 213858 | 213863 | 213865 | 213867 | 213869 | 213891 | 213896 | 213899 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213909 | 213910 | 213913 | 213924 | 213928 | 213930 | 213933 | 213943 | 213945 | 213948 | 213949 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213952 | 213958 | 213959 | 213961 | 213973 | 213976 | 213978 | 213979 | 213981 | 213983 | 213989 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 213998 | 214003 | 214014 | 214016 | 214017 | 214020 | 214022 | 214026 | 214028 | 214030 | 214031 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 214032 | 214034 | 214037 | 214040 | 214057 | 214065 | 214073 | 214079 | 214084 | 214090 | 214095 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 214102 | 214108 | 214114 | 214117 | 214120 | 214122 | 214138 | 214146 | 214154 | 214158 | 214159 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 214160 | 214162 | 214167 | 214168 | 214169 | 214173 | 214176 | 214183 | 214185 | 214194 | 214195 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 214213 | 214217 | 214220 | 214225 | 214226 | 214227 | 214228 | 214242 | 214244 | 214248 | 214250 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 214255 | 214256 | 214258 | 214265 | 214267 | 214268 | 214273 | 214275 | 214289 | 214296 | 214298 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 214303 | 214308 | 214316 | 214317 | 214319 | 214322 | 214323 | 214324 | 214330 | 214340 | 214342 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 214356 | 214359 | 214364 | 214365 | 214376 | 214377 | 214382 | 214383 | 214387 | 214409 | 214412 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 214431 | 214435 | 214455 | 214457 | 214467 | 214469 | 214476 | 214485 | 214494 | 214496 | 214498 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 214500 | 214511 | 214514 | 214523 | 214524 | 214530 | 214534 | 214537 | 214562 | 214563 | 214566 |
| ## | 0      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 214568 | 214572 | 214574 | 214578 | 214579 | 214581 | 214588 | 214589 | 214594 | 214601 | 214603 |
| ## | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 1      | 0      | 1      |
| ## | 214606 | 214607 | 214627 | 214633 | 214634 | 214639 | 214641 | 214647 | 214649 | 214670 | 214672 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 214673 | 214681 | 214685 | 214696 | 214701 | 214702 | 214715 | 214716 | 214720 | 214723 | 214734 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 1      | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 214738 | 214739 | 214745 | 214751 | 214761 | 214766 | 214769 | 214778 | 214802 | 214804 | 214811 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 214812 | 214816 | 214818 | 214819 | 214820 | 214823 | 214837 | 214838 | 214858 | 214860 | 214863 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 214864 | 214873 | 214878 | 214881 | 214885 | 214888 | 214891 | 214892 | 214893 | 214899 | 214902 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 214906 | 214920 | 214928 | 214935 | 214939 | 214940 | 214951 | 214961 | 214962 | 214968 | 214970 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 214972 | 214986 | 214987 | 214997 | 214998 | 215007 | 215010 | 215012 | 215014 | 215015 | 215018 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 215022 | 215049 | 215050 | 215051 | 215063 | 215068 | 215071 | 215073 | 215077 | 215083 | 215086 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 215094 | 215099 | 215125 | 215126 | 215127 | 215147 | 215148 | 215155 | 215160 | 215172 | 215182 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 215202 | 215203 | 215218 | 215222 | 215230 | 215236 | 215241 | 215246 | 215247 | 215258 | 215264 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 215265 | 215270 | 215275 | 215277 | 215280 | 215283 | 215285 | 215292 | 215293 | 215298 | 215304 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 215308 | 215310 | 215320 | 215321 | 215325 | 215326 | 215335 | 215337 | 215348 | 215357 | 215371 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 215381 | 215383 | 215405 | 215409 | 215413 | 215417 | 215421 | 215422 | 215424 | 215425 | 215432 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 215446 | 215450 | 215455 | 215462 | 215468 | 215471 | 215475 | 215485 | 215496 | 215505 | 215508 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 215511 | 215513 | 215514 | 215515 | 215519 | 215533 | 215537 | 215539 | 215549 | 215556 | 215559 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 215570 | 215573 | 215577 | 215579 | 215583 | 215588 | 215589 | 215591 | 215598 | 215599 | 215612 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 1      |
| ## | 215614 | 215628 | 215632 | 215633 | 215634 | 215640 | 215642 | 215644 | 215647 | 215650 | 215657 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 215661 | 215663 | 215667 | 215673 | 215680 | 215681 | 215691 | 215694 | 215698 | 215706 | 215722 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 215726 | 215732 | 215744 | 215747 | 215748 | 215755 | 215763 | 215765 | 215766 | 215767 | 215770 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 215775 | 215788 | 215790 | 215799 | 215802 | 215812 | 215815 | 215817 | 215823 | 215827 | 215841 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 215845 | 215848 | 215854 | 215856 | 215861 | 215865 | 215867 | 215873 | 215876 | 215880 | 215881 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 215882 | 215883 | 215894 | 215895 | 215904 | 215912 | 215914 | 215924 | 215927 | 215929 | 215930 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 215941 | 215947 | 215949 | 215954 | 215958 | 215963 | 215971 | 215976 | 215980 | 215995 | 216000 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 216006 | 216011 | 216012 | 216017 | 216020 | 216021 | 216025 | 216029 | 216036 | 216038 | 216042 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 216051 | 216059 | 216061 | 216063 | 216072 | 216074 | 216075 | 216079 | 216082 | 216084 | 216087 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 216089 | 216091 | 216102 | 216114 | 216119 | 216124 | 216130 | 216134 | 216136 | 216150 | 216151 |
| ## | 0      | 1      | 0      | 1      | 1      | 1      | 0      | 0      | 1      | 0      | 1      |
| ## | 216160 | 216175 | 216178 | 216179 | 216191 | 216210 | 216221 | 216224 | 216247 | 216250 | 216252 |
| ## | 1      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 0      |
| ## | 216257 | 216261 | 216263 | 216272 | 216273 | 216289 | 216290 | 216311 | 216316 | 216318 | 216322 |
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 216323 | 216324 | 216327 | 216330 | 216336 | 216346 | 216348 | 216357 | 216359 | 216360 | 216361 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 216365 | 216367 | 216374 | 216377 | 216378 | 216382 | 216393 | 216396 | 216411 | 216413 | 216414 |
| ## | 1      | 0      | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 0      | 0      |
| ## | 216415 | 216419 | 216421 | 216431 | 216439 | 216442 | 216448 | 216450 | 216451 | 216452 | 216453 |
| ## | 0      | 1      | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 216457 | 216459 | 216471 | 216474 | 216475 | 216477 | 216479 | 216481 | 216497 | 216499 | 216500 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      |
| ## | 216508 | 216511 | 216515 | 216522 | 216523 | 216527 | 216541 | 216542 | 216549 | 216552 | 216561 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 216568 | 216572 | 216573 | 216587 | 216590 | 216592 | 216594 | 216599 | 216616 | 216617 | 216627 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 216631 | 216634 | 216639 | 216640 | 216642 | 216643 | 216648 | 216651 | 216653 | 216665 | 216668 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 216670 | 216673 | 216677 | 216691 | 216694 | 216696 | 216704 | 216715 | 216717 | 216732 | 216738 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 216739 | 216740 | 216741 | 216742 | 216743 | 216745 | 216759 | 216760 | 216764 | 216767 | 216770 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 216771 | 216777 | 216793 | 216796 | 216798 | 216801 | 216803 | 216806 | 216813 | 216822 | 216824 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 216825 | 216826 | 216830 | 216834 | 216843 | 216849 | 216850 | 216851 | 216855 | 216864 | 216865 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 216867 | 216870 | 216880 | 216889 | 216891 | 216902 | 216906 | 216908 | 216917 | 216923 | 216924 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 216933 | 216938 | 216940 | 216941 | 216943 | 216951 | 216959 | 216968 | 216970 | 216974 | 216990 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 216993 | 216995 | 216997 | 217004 | 217008 | 217013 | 217017 | 217020 | 217023 | 217024 | 217026 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 217030 | 217035 | 217041 | 217050 | 217054 | 217055 | 217059 | 217062 | 217065 | 217066 | 217067 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 217072 | 217078 | 217080 | 217084 | 217088 | 217092 | 217095 | 217099 | 217104 | 217110 | 217111 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 217112 | 217117 | 217119 | 217120 | 217123 | 217130 | 217131 | 217135 | 217143 | 217147 | 217152 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 217157 | 217162 | 217163 | 217166 | 217168 | 217179 | 217180 | 217185 | 217187 | 217193 | 217196 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 217200 | 217223 | 217242 | 217243 | 217248 | 217250 | 217253 | 217255 | 217259 | 217261 | 217266 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 217270 | 217271 | 217283 | 217287 | 217292 | 217300 | 217311 | 217320 | 217322 | 217323 | 217324 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 217325 | 217329 | 217332 | 217334 | 217343 | 217357 | 217361 | 217371 | 217372 | 217373 | 217380 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 217381 | 217388 | 217389 | 217392 | 217393 | 217399 | 217401 | 217402 | 217405 | 217410 | 217412 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 217417 | 217419 | 217420 | 217423 | 217424 | 217433 | 217436 | 217443 | 217453 | 217454 | 217455 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 217457 | 217460 | 217461 | 217465 | 217468 | 217473 | 217478 | 217491 | 217493 | 217510 | 217514 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 217521 | 217530 | 217534 | 217538 | 217544 | 217545 | 217546 | 217558 | 217561 | 217563 | 217565 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 217576 | 217577 | 217578 | 217579 | 217580 | 217584 | 217591 | 217607 | 217611 | 217612 | 217615 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 217621 | 217625 | 217629 | 217651 | 217653 | 217654 | 217656 | 217657 | 217659 | 217662 | 217674 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 217696 | 217713 | 217724 | 217726 | 217727 | 217731 | 217736 | 217739 | 217740 | 217743 | 217745 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 217754 | 217764 | 217773 | 217774 | 217775 | 217778 | 217779 | 217795 | 217797 | 217802 | 217812 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 217814 | 217817 | 217823 | 217824 | 217828 | 217847 | 217849 | 217862 | 217868 | 217869 | 217876 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 217878 | 217882 | 217883 | 217890 | 217903 | 217905 | 217907 | 217912 | 217913 | 217920 | 217930 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 217942 | 217947 | 217955 | 217956 | 217958 | 217968 | 217973 | 217981 | 217985 | 217986 | 218001 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218004 | 218019 | 218020 | 218021 | 218029 | 218034 | 218035 | 218036 | 218040 | 218043 | 218044 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218045 | 218046 | 218049 | 218057 | 218058 | 218059 | 218060 | 218062 | 218063 | 218069 | 218071 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218074 | 218080 | 218087 | 218092 | 218095 | 218097 | 218104 | 218109 | 218110 | 218113 | 218114 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218117 | 218121 | 218122 | 218130 | 218146 | 218152 | 218160 | 218162 | 218172 | 218178 | 218179 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218181 | 218189 | 218191 | 218196 | 218198 | 218203 | 218207 | 218216 | 218219 | 218222 | 218224 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218230 | 218244 | 218257 | 218261 | 218265 | 218270 | 218272 | 218277 | 218280 | 218281 | 218292 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218295 | 218307 | 218313 | 218315 | 218316 | 218317 | 218320 | 218322 | 218333 | 218334 | 218342 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218346 | 218350 | 218354 | 218359 | 218360 | 218364 | 218368 | 218371 | 218374 | 218377 | 218385 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218389 | 218393 | 218398 | 218404 | 218409 | 218419 | 218424 | 218430 | 218432 | 218436 | 218442 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218448 | 218457 | 218459 | 218461 | 218463 | 218467 | 218468 | 218469 | 218473 | 218479 | 218485 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218489 | 218493 | 218497 | 218498 | 218517 | 218518 | 218519 | 218520 | 218528 | 218531 | 218532 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 218541 | 218544 | 218548 | 218555 | 218556 | 218558 | 218564 | 218565 | 218568 | 218570 | 218573 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 218582 | 218588 | 218593 | 218594 | 218597 | 218606 | 218612 | 218615 | 218616 | 218617 | 218628 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218629 | 218630 | 218631 | 218634 | 218638 | 218645 | 218646 | 218654 | 218658 | 218659 | 218667 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218679 | 218685 | 218687 | 218690 | 218695 | 218707 | 218711 | 218716 | 218719 | 218736 | 218738 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218741 | 218744 | 218747 | 218748 | 218749 | 218752 | 218755 | 218757 | 218759 | 218763 | 218766 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218772 | 218777 | 218781 | 218795 | 218803 | 218813 | 218821 | 218827 | 218829 | 218833 | 218840 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218843 | 218867 | 218869 | 218878 | 218881 | 218891 | 218892 | 218899 | 218900 | 218904 | 218906 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218907 | 218908 | 218918 | 218920 | 218937 | 218939 | 218945 | 218964 | 218971 | 218973 | 218975 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 218977 | 218983 | 218998 | 219006 | 219009 | 219020 | 219028 | 219029 | 219030 | 219032 | 219037 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 219038 | 219041 | 219042 | 219043 | 219044 | 219045 | 219046 | 219047 | 219050 | 219051 | 219055 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 219056 | 219057 | 219059 | 219061 | 219063 | 219065 | 219069 | 219070 | 219076 | 219078 | 219080 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 219097 | 219099 | 219101 | 219105 | 219109 | 219114 | 219124 | 219127 | 219136 | 219138 | 219140 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 219141 | 219149 | 219155 | 219156 | 219181 | 219185 | 219192 | 219200 | 219206 | 219208 | 219211 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 219212 | 219219 | 219233 | 219234 | 219236 | 219253 | 219273 | 219276 | 219291 | 219295 | 219296 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 219299 | 219300 | 219301 | 219302 | 219303 | 219306 | 219312 | 219320 | 219321 | 219322 | 219325 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 219331 | 219337 | 219338 | 219339 | 219340 | 219348 | 219353 | 219354 | 219356 | 219357 | 219360 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 219363 | 219376 | 219379 | 219384 | 219386 | 219397 | 219399 | 219400 | 219401 | 219407 | 219408 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 219415 | 219428 | 219430 | 219431 | 219434 | 219439 | 219443 | 219452 | 219464 | 219470 | 219471 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 219473 | 219481 | 219490 | 219501 | 219516 | 219517 | 219520 | 219523 | 219524 | 219527 | 219531 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 219532 | 219534 | 219539 | 219542 | 219544 | 219545 | 219546 | 219547 | 219552 | 219553 | 219563 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 219567 | 219576 | 219586 | 219587 | 219589 | 219595 | 219604 | 219606 | 219607 | 219610 | 219615 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 219618 | 219629 | 219634 | 219637 | 219642 | 219643 | 219667 | 219678 | 219685 | 219693 | 219694 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      |
| ## | 219699 | 219701 | 219707 | 219708 | 219710 | 219714 | 219718 | 219719 | 219727 | 219730 | 219732 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 219740 | 219741 | 219744 | 219746 | 219749 | 219758 | 219760 | 219773 | 219776 | 219779 | 219780 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 219791 | 219795 | 219808 | 219814 | 219824 | 219827 | 219838 | 219850 | 219862 | 219866 | 219869 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 1      |
| ## | 219872 | 219876 | 219885 | 219891 | 219896 | 219901 | 219927 | 219930 | 219935 | 219938 | 219948 |
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 219952 | 219963 | 219965 | 219970 | 219978 | 219981 | 219982 | 220002 | 220003 | 220007 | 220020 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 220021 | 220026 | 220027 | 220032 | 220037 | 220041 | 220044 | 220045 | 220056 | 220060 | 220061 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 220063 | 220067 | 220068 | 220083 | 220084 | 220099 | 220103 | 220105 | 220108 | 220111 | 220113 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 220119 | 220123 | 220126 | 220146 | 220149 | 220150 | 220156 | 220184 | 220186 | 220208 | 220225 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 220229 | 220233 | 220242 | 220243 | 220249 | 220275 | 220278 | 220283 | 220286 | 220287 | 220291 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 220293 | 220296 | 220308 | 220309 | 220310 | 220315 | 220326 | 220327 | 220328 | 220329 | 220330 |
| ## | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 220332 | 220338 | 220340 | 220350 | 220353 | 220360 | 220361 | 220364 | 220367 | 220368 | 220380 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 220383 | 220388 | 220389 | 220390 | 220394 | 220395 | 220397 | 220407 | 220416 | 220419 | 220423 |
| ## | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 220424 | 220426 | 220429 | 220433 | 220446 | 220447 | 220456 | 220468 | 220470 | 220473 | 220474 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 220477 | 220480 | 220485 | 220486 | 220487 | 220498 | 220501 | 220504 | 220515 | 220517 | 220527 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 220530 | 220536 | 220538 | 220546 | 220557 | 220561 | 220562 | 220566 | 220567 | 220569 | 220575 |
| ## | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 220576 | 220583 | 220587 | 220594 | 220599 | 220601 | 220616 | 220633 | 220635 | 220638 | 220640 |
| ## | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 220641 | 220642 | 220645 | 220651 | 220655 | 220656 | 220662 | 220669 | 220670 | 220673 | 220684 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 220713 | 220720 | 220721 | 220724 | 220731 | 220736 | 220758 | 220778 | 220779 | 220780 | 220783 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      |
| ## | 220784 | 220789 | 220791 | 220808 | 220810 | 220813 | 220822 | 220826 | 220827 | 220835 | 220837 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 220845 | 220847 | 220848 | 220855 | 220859 | 220862 | 220863 | 220865 | 220870 | 220876 | 220880 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 220884 | 220885 | 220886 | 220887 | 220892 | 220893 | 220898 | 220904 | 220905 | 220908 | 220914 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 1      | 0      |
| ## | 220916 | 220920 | 220936 | 220938 | 220939 | 220945 | 220949 | 220952 | 220957 | 220964 | 220972 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 220978 | 220979 | 220995 | 221003 | 221010 | 221013 | 221014 | 221027 | 221029 | 221034 | 221035 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 221037 | 221039 | 221046 | 221048 | 221053 | 221054 | 221055 | 221061 | 221066 | 221067 | 221069 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 221077 | 221079 | 221081 | 221084 | 221090 | 221091 | 221098 | 221100 | 221104 | 221105 | 221113 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 221120 | 221123 | 221132 | 221133 | 221150 | 221151 | 221152 | 221153 | 221156 | 221159 | 221164 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 221171 | 221184 | 221187 | 221190 | 221193 | 221198 | 221201 | 221204 | 221221 | 221242 | 221243 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 221246 | 221247 | 221248 | 221249 | 221251 | 221252 | 221254 | 221259 | 221264 | 221268 | 221270 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 1      |
| ## | 221271 | 221274 | 221278 | 221280 | 221289 | 221291 | 221304 | 221305 | 221307 | 221312 | 221313 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 221315 | 221318 | 221319 | 221321 | 221322 | 221331 | 221333 | 221339 | 221347 | 221361 | 221374 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 221376 | 221377 | 221381 | 221392 | 221403 | 221405 | 221413 | 221415 | 221422 | 221427 | 221431 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 221437 | 221438 | 221458 | 221468 | 221478 | 221487 | 221495 | 221497 | 221504 | 221516 | 221519 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 221521 | 221523 | 221526 | 221530 | 221536 | 221541 | 221545 | 221547 | 221551 | 221562 | 221564 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 221566 | 221567 | 221584 | 221586 | 221590 | 221597 | 221602 | 221609 | 221611 | 221618 | 221621 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 221640 | 221642 | 221653 | 221656 | 221666 | 221670 | 221683 | 221687 | 221698 | 221700 | 221704 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 221714 | 221720 | 221730 | 221743 | 221746 | 221755 | 221759 | 221762 | 221774 | 221776 | 221784 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 221787 | 221789 | 221791 | 221805 | 221811 | 221812 | 221821 | 221824 | 221832 | 221836 | 221837 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 221838 | 221841 | 221844 | 221849 | 221850 | 221855 | 221866 | 221871 | 221875 | 221891 | 221893 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 221901 | 221906 | 221910 | 221921 | 221923 | 221924 | 221926 | 221938 | 221939 | 221951 | 221959 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 221963 | 221967 | 221974 | 221991 | 222003 | 222007 | 222008 | 222010 | 222014 | 222017 | 222018 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222021 | 222022 | 222030 | 222035 | 222067 | 222068 | 222084 | 222089 | 222097 | 222101 | 222108 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222121 | 222122 | 222125 | 222129 | 222130 | 222132 | 222133 | 222136 | 222141 | 222143 | 222149 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222150 | 222161 | 222163 | 222167 | 222173 | 222174 | 222175 | 222177 | 222186 | 222194 | 222203 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222206 | 222209 | 222215 | 222219 | 222222 | 222223 | 222235 | 222238 | 222240 | 222242 | 222250 |



|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222251 | 222252 | 222258 | 222263 | 222266 | 222267 | 222270 | 222277 | 222284 | 222291 | 222292 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222297 | 222299 | 222302 | 222306 | 222312 | 222316 | 222329 | 222330 | 222333 | 222338 | 222344 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222346 | 222353 | 222361 | 222372 | 222374 | 222375 | 222377 | 222379 | 222384 | 222395 | 222396 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222398 | 222401 | 222402 | 222404 | 222409 | 222410 | 222417 | 222426 | 222434 | 222435 | 222437 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222443 | 222447 | 222457 | 222465 | 222467 | 222489 | 222507 | 222508 | 222513 | 222516 | 222524 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222529 | 222530 | 222538 | 222542 | 222548 | 222556 | 222561 | 222571 | 222577 | 222588 | 222591 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222595 | 222605 | 222610 | 222612 | 222618 | 222624 | 222626 | 222633 | 222639 | 222648 | 222651 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 222655 | 222664 | 222666 | 222671 | 222672 | 222683 | 222684 | 222687 | 222700 | 222701 | 222706 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222719 | 222721 | 222726 | 222728 | 222731 | 222753 | 222757 | 222758 | 222764 | 222766 | 222776 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222778 | 222780 | 222785 | 222787 | 222791 | 222797 | 222802 | 222804 | 222808 | 222827 | 222848 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222864 | 222878 | 222881 | 222885 | 222887 | 222890 | 222895 | 222904 | 222908 | 222925 | 222929 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222931 | 222933 | 222934 | 222941 | 222952 | 222954 | 222958 | 222959 | 222961 | 222962 | 222967 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 222980 | 222981 | 222985 | 222993 | 223001 | 223005 | 223007 | 223017 | 223019 | 223025 | 223028 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223034 | 223036 | 223037 | 223040 | 223044 | 223055 | 223058 | 223060 | 223064 | 223068 | 223071 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223072 | 223073 | 223079 | 223083 | 223094 | 223102 | 223107 | 223108 | 223116 | 223121 | 223124 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223125 | 223126 | 223132 | 223152 | 223153 | 223158 | 223160 | 223162 | 223166 | 223171 | 223180 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223181 | 223185 | 223191 | 223192 | 223193 | 223194 | 223208 | 223213 | 223214 | 223234 | 223240 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223250 | 223270 | 223272 | 223274 | 223278 | 223285 | 223286 | 223289 | 223298 | 223321 | 223327 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223343 | 223345 | 223348 | 223354 | 223356 | 223367 | 223369 | 223376 | 223389 | 223395 | 223397 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223400 | 223405 | 223406 | 223411 | 223425 | 223426 | 223433 | 223440 | 223451 | 223456 | 223462 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223464 | 223467 | 223471 | 223472 | 223476 | 223492 | 223495 | 223503 | 223505 | 223513 | 223521 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223523 | 223524 | 223526 | 223527 | 223531 | 223535 | 223537 | 223538 | 223540 | 223548 | 223566 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223581 | 223584 | 223586 | 223593 | 223600 | 223602 | 223603 | 223604 | 223607 | 223618 | 223621 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 223633 | 223634 | 223635 | 223642 | 223648 | 223654 | 223658 | 223660 | 223663 | 223666 | 223680 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223682 | 223683 | 223692 | 223704 | 223708 | 223709 | 223710 | 223711 | 223713 | 223716 | 223717 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223745 | 223752 | 223753 | 223762 | 223765 | 223767 | 223771 | 223776 | 223781 | 223793 | 223796 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223798 | 223803 | 223807 | 223811 | 223814 | 223822 | 223827 | 223828 | 223829 | 223837 | 223841 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223844 | 223846 | 223854 | 223863 | 223873 | 223876 | 223890 | 223902 | 223903 | 223911 | 223914 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223916 | 223921 | 223937 | 223940 | 223941 | 223957 | 223963 | 223967 | 223980 | 223995 | 223996 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 223997 | 224001 | 224006 | 224009 | 224011 | 224013 | 224016 | 224019 | 224032 | 224047 | 224054 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224057 | 224058 | 224069 | 224074 | 224079 | 224080 | 224090 | 224092 | 224100 | 224104 | 224110 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224118 | 224123 | 224124 | 224126 | 224147 | 224153 | 224154 | 224155 | 224158 | 224159 | 224160 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 224163 | 224164 | 224171 | 224185 | 224188 | 224196 | 224209 | 224211 | 224216 | 224221 | 224230 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224247 | 224254 | 224255 | 224260 | 224264 | 224265 | 224277 | 224278 | 224280 | 224287 | 224288 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224292 | 224295 | 224297 | 224300 | 224314 | 224321 | 224326 | 224333 | 224335 | 224336 | 224342 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224350 | 224351 | 224355 | 224357 | 224358 | 224363 | 224367 | 224374 | 224379 | 224383 | 224385 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224387 | 224388 | 224396 | 224399 | 224420 | 224421 | 224425 | 224428 | 224429 | 224449 | 224454 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224458 | 224464 | 224470 | 224472 | 224476 | 224484 | 224486 | 224493 | 224497 | 224502 | 224503 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224515 | 224518 | 224522 | 224533 | 224537 | 224556 | 224566 | 224572 | 224580 | 224581 | 224583 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224601 | 224606 | 224612 | 224618 | 224620 | 224624 | 224628 | 224631 | 224632 | 224639 | 224641 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224651 | 224658 | 224659 | 224662 | 224668 | 224671 | 224672 | 224680 | 224681 | 224689 | 224691 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224695 | 224697 | 224699 | 224701 | 224715 | 224720 | 224723 | 224750 | 224754 | 224758 | 224761 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224763 | 224765 | 224766 | 224777 | 224779 | 224785 | 224796 | 224801 | 224803 | 224804 | 224807 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224810 | 224821 | 224822 | 224831 | 224850 | 224854 | 224860 | 224864 | 224868 | 224885 | 224891 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 224897 | 224903 | 224919 | 224922 | 224924 | 224926 | 224928 | 224936 | 224937 | 224955 | 224958 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 224962 | 224971 | 224974 | 224983 | 224993 | 225000 | 225002 | 225006 | 225008 | 225011 | 225020 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 225033 | 225049 | 225052 | 225072 | 225077 | 225079 | 225088 | 225092 | 225095 | 225096 | 225097 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 225100 | 225115 | 225123 | 225130 | 225131 | 225132 | 225133 | 225134 | 225136 | 225137 | 225140 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 225143 | 225146 | 225157 | 225161 | 225164 | 225170 | 225176 | 225188 | 225190 | 225192 | 225196 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 225202 | 225210 | 225212 | 225214 | 225217 | 225218 | 225220 | 225228 | 225232 | 225240 | 225244 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 225245 | 225247 | 225249 | 225250 | 225259 | 225273 | 225276 | 225289 | 225299 | 225308 | 225311 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 225325 | 225343 | 225359 | 225360 | 225363 | 225365 | 225372 | 225377 | 225384 | 225386 | 225388 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 225389 | 225395 | 225396 | 225405 | 225410 | 225418 | 225422 | 225423 | 225429 | 225437 | 225439 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 225444 | 225447 | 225448 | 225451 | 225452 | 225456 | 225459 | 225464 | 225465 | 225467 | 225469 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 225470 | 225476 | 225478 | 225479 | 225480 | 225481 | 225482 | 225484 | 225486 | 225499 | 225504 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 225506 | 225512 | 225513 | 225515 | 225518 | 225533 | 225534 | 225536 | 225539 | 225544 | 225546 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 225549 | 225553 | 225555 | 225565 | 225567 | 225568 | 225574 | 225578 | 225595 | 225596 | 225602 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 225604 | 225607 | 225616 | 225617 | 225620 | 225628 | 225631 | 225636 | 225642 | 225645 | 225646 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 225654 | 225663 | 225664 | 225668 | 225671 | 225677 | 225686 | 225689 | 225693 | 225698 | 225702 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 225718 | 225719 | 225723 | 225727 | 225738 | 225740 | 225746 | 225749 | 225750 | 225769 | 225773 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 225779 | 225783 | 225784 | 225790 | 225793 | 225794 | 225801 | 225805 | 225806 | 225808 | 225812 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 225814 | 225818 | 225833 | 225834 | 225837 | 225839 | 225848 | 225851 | 225858 | 225862 | 225863 |
| ## | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      |
| ## | 225871 | 225872 | 225885 | 225889 | 225890 | 225892 | 225896 | 225901 | 225905 | 225917 | 225918 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 225919 | 225925 | 225929 | 225934 | 225936 | 225940 | 225950 | 225951 | 225952 | 225954 | 225961 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 225965 | 225972 | 225976 | 225977 | 225986 | 225987 | 225991 | 225999 | 226000 | 226008 | 226014 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 226021 | 226022 | 226023 | 226024 | 226043 | 226048 | 226052 | 226059 | 226061 | 226062 | 226063 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 226080 | 226084 | 226093 | 226094 | 226099 | 226105 | 226108 | 226112 | 226114 | 226117 | 226121 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 226125 | 226129 | 226131 | 226132 | 226150 | 226152 | 226156 | 226166 | 226169 | 226175 | 226182 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 226183 | 226184 | 226189 | 226190 | 226191 | 226198 | 226201 | 226205 | 226207 | 226211 | 226212 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 226215 | 226217 | 226219 | 226223 | 226227 | 226233 | 226246 | 226252 | 226256 | 226268 | 226269 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      |
| ## | 226281 | 226283 | 226286 | 226293 | 226294 | 226297 | 226298 | 226303 | 226307 | 226313 | 226314 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 226316 | 226331 | 226337 | 226344 | 226357 | 226361 | 226370 | 226371 | 226374 | 226375 | 226377 |
| ## | 0      | 1      | 1      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 0      |
| ## | 226389 | 226398 | 226411 | 226416 | 226418 | 226421 | 226428 | 226431 | 226433 | 226443 | 226473 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 226476 | 226480 | 226481 | 226485 | 226493 | 226494 | 226505 | 226509 | 226517 | 226522 | 226531 |
| ## | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 226533 | 226538 | 226543 | 226545 | 226547 | 226548 | 226556 | 226563 | 226565 | 226568 | 226574 |
| ## | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 1      | 0      |
| ## | 226577 | 226578 | 226580 | 226582 | 226585 | 226588 | 226590 | 226592 | 226593 | 226595 | 226600 |
| ## | 1      | 1      | 1      | 0      | 1      | 0      | 1      | 1      | 0      | 1      | 0      |
| ## | 226604 | 226608 | 226616 | 226620 | 226623 | 226624 | 226630 | 226632 | 226634 | 226636 | 226642 |
| ## | 1      | 1      | 1      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 1      |
| ## | 226644 | 226646 | 226657 | 226659 | 226661 | 226671 | 226676 | 226682 | 226685 | 226689 | 226698 |
| ## | 0      | 1      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      |
| ## | 226717 | 226718 | 226724 | 226736 | 226741 | 226745 | 226749 | 226750 | 226755 | 226757 | 226763 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 226770 | 226774 | 226778 | 226786 | 226788 | 226791 | 226793 | 226794 | 226799 | 226803 | 226805 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 1      |
| ## | 226819 | 226821 | 226828 | 226829 | 226856 | 226858 | 226862 | 226869 | 226870 | 226872 | 226873 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      |
| ## | 226884 | 226896 | 226910 | 226911 | 226922 | 226936 | 226939 | 226948 | 226955 | 226957 | 226965 |
| ## | 0      | 1      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 226967 | 226986 | 226989 | 226991 | 226997 | 227002 | 227005 | 227017 | 227022 | 227023 | 227026 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 227027 | 227039 | 227042 | 227043 | 227056 | 227057 | 227059 | 227062 | 227069 | 227070 | 227074 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227079 | 227083 | 227090 | 227096 | 227100 | 227101 | 227103 | 227110 | 227112 | 227116 | 227135 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227142 | 227145 | 227149 | 227150 | 227159 | 227180 | 227181 | 227184 | 227187 | 227189 | 227197 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 227218 | 227229 | 227230 | 227234 | 227235 | 227240 | 227246 | 227250 | 227256 | 227259 | 227263 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227279 | 227283 | 227285 | 227293 | 227294 | 227295 | 227297 | 227299 | 227300 | 227304 | 227320 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227321 | 227327 | 227332 | 227333 | 227334 | 227335 | 227336 | 227337 | 227357 | 227369 | 227375 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227383 | 227386 | 227390 | 227401 | 227402 | 227403 | 227404 | 227418 | 227421 | 227429 | 227438 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227447 | 227458 | 227463 | 227473 | 227474 | 227486 | 227490 | 227497 | 227500 | 227510 | 227516 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227528 | 227545 | 227547 | 227550 | 227557 | 227560 | 227563 | 227565 | 227566 | 227567 | 227572 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227576 | 227582 | 227583 | 227584 | 227595 | 227605 | 227628 | 227629 | 227634 | 227635 | 227644 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227648 | 227651 | 227652 | 227653 | 227654 | 227662 | 227673 | 227675 | 227678 | 227679 | 227680 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227681 | 227691 | 227695 | 227706 | 227714 | 227720 | 227726 | 227727 | 227728 | 227734 | 227736 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227743 | 227748 | 227750 | 227756 | 227759 | 227766 | 227772 | 227777 | 227780 | 227782 | 227783 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227804 | 227810 | 227811 | 227822 | 227831 | 227837 | 227841 | 227847 | 227850 | 227856 | 227872 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      |
| ## | 227873 | 227874 | 227876 | 227877 | 227884 | 227889 | 227890 | 227891 | 227900 | 227903 | 227904 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227905 | 227918 | 227924 | 227929 | 227937 | 227944 | 227945 | 227959 | 227966 | 227969 | 227970 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 227978 | 227980 | 227981 | 227987 | 227993 | 228000 | 228006 | 228009 | 228016 | 228020 | 228022 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228028 | 228036 | 228046 | 228047 | 228056 | 228059 | 228063 | 228065 | 228071 | 228077 | 228091 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228095 | 228096 | 228103 | 228104 | 228112 | 228116 | 228137 | 228139 | 228141 | 228142 | 228144 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 228146 | 228147 | 228150 | 228151 | 228152 | 228159 | 228161 | 228162 | 228171 | 228173 | 228176 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228178 | 228180 | 228184 | 228189 | 228191 | 228202 | 228203 | 228216 | 228217 | 228221 | 228222 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228232 | 228241 | 228262 | 228264 | 228266 | 228272 | 228275 | 228278 | 228279 | 228281 | 228290 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228293 | 228307 | 228315 | 228321 | 228326 | 228329 | 228333 | 228335 | 228339 | 228350 | 228352 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228353 | 228362 | 228367 | 228369 | 228370 | 228373 | 228383 | 228386 | 228388 | 228391 | 228393 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228406 | 228410 | 228418 | 228424 | 228429 | 228432 | 228443 | 228449 | 228450 | 228455 | 228462 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228464 | 228469 | 228472 | 228477 | 228483 | 228486 | 228491 | 228493 | 228495 | 228496 | 228512 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228528 | 228529 | 228535 | 228545 | 228572 | 228579 | 228581 | 228584 | 228593 | 228599 | 228605 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228606 | 228611 | 228613 | 228618 | 228620 | 228627 | 228634 | 228635 | 228640 | 228648 | 228653 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228678 | 228679 | 228682 | 228690 | 228695 | 228703 | 228708 | 228709 | 228710 | 228716 | 228722 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228737 | 228739 | 228745 | 228748 | 228755 | 228759 | 228760 | 228766 | 228777 | 228778 | 228792 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228794 | 228797 | 228799 | 228800 | 228805 | 228811 | 228812 | 228816 | 228834 | 228843 | 228847 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228850 | 228857 | 228862 | 228865 | 228866 | 228870 | 228877 | 228879 | 228882 | 228890 | 228891 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 228899 | 228900 | 228908 | 228911 | 228913 | 228919 | 228920 | 228922 | 228923 | 228929 | 228937 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 228956 | 228959 | 228962 | 228963 | 228965 | 228981 | 228982 | 228989 | 228995 | 228998 | 229001 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229005 | 229008 | 229009 | 229011 | 229020 | 229021 | 229022 | 229034 | 229041 | 229043 | 229045 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 229051 | 229058 | 229061 | 229064 | 229067 | 229071 | 229078 | 229081 | 229085 | 229091 | 229100 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229113 | 229122 | 229137 | 229142 | 229143 | 229148 | 229151 | 229162 | 229172 | 229175 | 229180 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229185 | 229186 | 229187 | 229197 | 229204 | 229205 | 229218 | 229225 | 229227 | 229234 | 229235 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 229237 | 229245 | 229248 | 229249 | 229253 | 229268 | 229272 | 229274 | 229276 | 229278 | 229280 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 229289 | 229293 | 229295 | 229297 | 229298 | 229308 | 229313 | 229315 | 229321 | 229325 | 229331 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229337 | 229340 | 229345 | 229346 | 229353 | 229354 | 229356 | 229357 | 229360 | 229362 | 229375 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229387 | 229390 | 229398 | 229401 | 229403 | 229409 | 229412 | 229413 | 229426 | 229438 | 229439 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229444 | 229455 | 229457 | 229459 | 229467 | 229473 | 229479 | 229483 | 229484 | 229485 | 229486 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229491 | 229499 | 229503 | 229508 | 229512 | 229514 | 229516 | 229518 | 229519 | 229527 | 229530 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229531 | 229532 | 229535 | 229536 | 229537 | 229547 | 229555 | 229557 | 229573 | 229575 | 229576 |
| ## | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229591 | 229602 | 229603 | 229614 | 229617 | 229622 | 229629 | 229632 | 229638 | 229641 | 229643 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229645 | 229664 | 229667 | 229668 | 229670 | 229675 | 229684 | 229696 | 229711 | 229712 | 229720 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229721 | 229724 | 229725 | 229733 | 229738 | 229748 | 229749 | 229753 | 229755 | 229756 | 229762 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229772 | 229773 | 229774 | 229779 | 229781 | 229783 | 229785 | 229786 | 229791 | 229795 | 229802 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 229804 | 229807 | 229809 | 229813 | 229815 | 229817 | 229825 | 229826 | 229827 | 229828 | 229842 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229849 | 229852 | 229856 | 229857 | 229858 | 229861 | 229875 | 229877 | 229908 | 229926 | 229928 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229929 | 229932 | 229939 | 229941 | 229954 | 229960 | 229961 | 229962 | 229965 | 229970 | 229971 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 229978 | 229988 | 229989 | 229991 | 229993 | 229994 | 229998 | 230003 | 230006 | 230007 | 230024 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 230026 | 230031 | 230040 | 230042 | 230043 | 230044 | 230045 | 230048 | 230054 | 230063 | 230064 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230075 | 230083 | 230085 | 230091 | 230094 | 230097 | 230106 | 230111 | 230112 | 230126 | 230127 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230128 | 230138 | 230141 | 230146 | 230150 | 230156 | 230159 | 230164 | 230168 | 230181 | 230185 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230210 | 230214 | 230215 | 230219 | 230226 | 230227 | 230231 | 230236 | 230243 | 230256 | 230257 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230263 | 230267 | 230276 | 230286 | 230298 | 230303 | 230305 | 230311 | 230313 | 230314 | 230320 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230333 | 230334 | 230340 | 230346 | 230348 | 230349 | 230355 | 230356 | 230366 | 230372 | 230381 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230382 | 230387 | 230390 | 230396 | 230402 | 230411 | 230422 | 230430 | 230446 | 230452 | 230454 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230458 | 230462 | 230466 | 230468 | 230470 | 230473 | 230475 | 230482 | 230490 | 230491 | 230501 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 230502 | 230506 | 230507 | 230518 | 230520 | 230529 | 230530 | 230533 | 230534 | 230536 | 230540 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230545 | 230547 | 230549 | 230550 | 230553 | 230560 | 230569 | 230573 | 230576 | 230581 | 230583 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230592 | 230596 | 230601 | 230618 | 230621 | 230623 | 230624 | 230625 | 230631 | 230633 | 230637 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230648 | 230662 | 230667 | 230672 | 230674 | 230676 | 230679 | 230681 | 230687 | 230693 | 230701 |
| ## | 1      | 1      | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 230703 | 230711 | 230713 | 230721 | 230722 | 230725 | 230726 | 230741 | 230743 | 230750 | 230754 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 230758 | 230763 | 230765 | 230766 | 230774 | 230785 | 230788 | 230797 | 230808 | 230811 | 230821 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230825 | 230832 | 230835 | 230842 | 230848 | 230850 | 230854 | 230857 | 230861 | 230864 | 230866 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 230867 | 230868 | 230869 | 230870 | 230873 | 230874 | 230877 | 230883 | 230887 | 230889 | 230890 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230891 | 230893 | 230899 | 230903 | 230907 | 230915 | 230921 | 230927 | 230928 | 230930 | 230935 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230937 | 230948 | 230950 | 230954 | 230955 | 230962 | 230964 | 230974 | 230977 | 230984 | 230986 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 230991 | 230999 | 231000 | 231002 | 231010 | 231012 | 231016 | 231018 | 231025 | 231028 | 231041 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      |
| ## | 231043 | 231051 | 231054 | 231062 | 231065 | 231077 | 231111 | 231115 | 231123 | 231128 | 231131 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 231133 | 231140 | 231141 | 231143 | 231155 | 231157 | 231167 | 231168 | 231170 | 231174 | 231177 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 231180 | 231183 | 231186 | 231187 | 231191 | 231192 | 231195 | 231198 | 231199 | 231203 | 231212 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 231215 | 231218 | 231219 | 231234 | 231244 | 231246 | 231248 | 231256 | 231258 | 231263 | 231270 |
| ## | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 231287 | 231291 | 231292 | 231305 | 231306 | 231328 | 231329 | 231332 | 231333 | 231343 | 231346 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 231349 | 231357 | 231358 | 231359 | 231360 | 231367 | 231368 | 231375 | 231382 | 231388 | 231393 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 231402 | 231411 | 231418 | 231431 | 231435 | 231446 | 231468 | 231471 | 231472 | 231476 | 231482 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 231488 | 231490 | 231498 | 231505 | 231509 | 231516 | 231525 | 231526 | 231542 | 231543 | 231564 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 231570 | 231571 | 231575 | 231579 | 231589 | 231598 | 231600 | 231604 | 231605 | 231609 | 231613 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 231622 | 231624 | 231630 | 231632 | 231633 | 231650 | 231653 | 231661 | 231665 | 231666 | 231671 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 231683 | 231684 | 231694 | 231695 | 231696 | 231700 | 231710 | 231725 | 231729 | 231735 | 231755 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 231759 | 231773 | 231774 | 231780 | 231781 | 231783 | 231788 | 231790 | 231805 | 231807 | 231811 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 231815 | 231838 | 231846 | 231850 | 231853 | 231866 | 231875 | 231883 | 231885 | 231888 | 231891 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 231895 | 231898 | 231899 | 231903 | 231904 | 231908 | 231909 | 231911 | 231913 | 231921 | 231923 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 231930 | 231932 | 231940 | 231945 | 231947 | 231948 | 231951 | 231955 | 231965 | 231969 | 231971 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 231984 | 231985 | 231989 | 231991 | 232002 | 232006 | 232009 | 232021 | 232022 | 232025 | 232027 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232028 | 232030 | 232032 | 232040 | 232042 | 232045 | 232046 | 232050 | 232056 | 232061 | 232078 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 232079 | 232090 | 232091 | 232095 | 232097 | 232098 | 232099 | 232109 | 232120 | 232122 | 232124 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 232127 | 232141 | 232143 | 232147 | 232148 | 232150 | 232153 | 232155 | 232166 | 232174 | 232183 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 0      |
| ## | 232187 | 232193 | 232207 | 232209 | 232217 | 232218 | 232219 | 232225 | 232226 | 232236 | 232238 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232240 | 232242 | 232248 | 232254 | 232266 | 232268 | 232269 | 232273 | 232275 | 232277 | 232280 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232282 | 232284 | 232296 | 232304 | 232312 | 232318 | 232328 | 232329 | 232332 | 232338 | 232341 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232344 | 232348 | 232349 | 232361 | 232363 | 232364 | 232367 | 232378 | 232383 | 232398 | 232400 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232407 | 232414 | 232420 | 232423 | 232428 | 232432 | 232433 | 232434 | 232440 | 232444 | 232445 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 232447 | 232448 | 232452 | 232454 | 232455 | 232464 | 232466 | 232468 | 232473 | 232474 | 232480 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232488 | 232489 | 232490 | 232491 | 232495 | 232498 | 232505 | 232517 | 232521 | 232523 | 232526 |
| ## | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232527 | 232532 | 232533 | 232535 | 232536 | 232542 | 232545 | 232546 | 232550 | 232555 | 232557 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 232560 | 232565 | 232567 | 232568 | 232577 | 232578 | 232580 | 232584 | 232590 | 232594 | 232605 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232612 | 232613 | 232620 | 232629 | 232634 | 232635 | 232637 | 232640 | 232644 | 232663 | 232667 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 232668 | 232669 | 232673 | 232678 | 232693 | 232694 | 232696 | 232698 | 232699 | 232701 | 232703 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232711 | 232712 | 232716 | 232717 | 232719 | 232721 | 232734 | 232742 | 232744 | 232745 | 232748 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232750 | 232752 | 232754 | 232757 | 232759 | 232763 | 232767 | 232769 | 232774 | 232777 | 232785 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 232791 | 232795 | 232796 | 232797 | 232799 | 232804 | 232812 | 232813 | 232816 | 232819 | 232827 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232835 | 232842 | 232844 | 232845 | 232848 | 232850 | 232859 | 232861 | 232870 | 232878 | 232888 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232891 | 232894 | 232901 | 232902 | 232903 | 232905 | 232906 | 232927 | 232933 | 232935 | 232942 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232951 | 232954 | 232956 | 232957 | 232958 | 232963 | 232967 | 232968 | 232969 | 232981 | 232983 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 232990 | 232996 | 233004 | 233006 | 233014 | 233019 | 233031 | 233035 | 233039 | 233041 | 233044 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233045 | 233046 | 233063 | 233065 | 233066 | 233067 | 233072 | 233077 | 233079 | 233080 | 233081 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233083 | 233092 | 233094 | 233097 | 233120 | 233126 | 233127 | 233128 | 233135 | 233137 | 233139 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233149 | 233151 | 233157 | 233158 | 233164 | 233165 | 233166 | 233175 | 233178 | 233180 | 233183 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233185 | 233192 | 233198 | 233201 | 233202 | 233207 | 233214 | 233216 | 233218 | 233221 | 233222 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233230 | 233232 | 233242 | 233245 | 233246 | 233254 | 233256 | 233262 | 233268 | 233269 | 233287 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233293 | 233308 | 233313 | 233316 | 233320 | 233326 | 233330 | 233345 | 233356 | 233358 | 233361 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233362 | 233367 | 233368 | 233369 | 233371 | 233376 | 233377 | 233380 | 233383 | 233385 | 233390 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233393 | 233399 | 233402 | 233403 | 233410 | 233411 | 233416 | 233426 | 233432 | 233434 | 233435 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233441 | 233443 | 233454 | 233463 | 233464 | 233468 | 233478 | 233481 | 233492 | 233493 | 233494 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233495 | 233498 | 233502 | 233509 | 233510 | 233511 | 233517 | 233523 | 233532 | 233533 | 233537 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233540 | 233541 | 233543 | 233563 | 233564 | 233572 | 233573 | 233576 | 233579 | 233580 | 233587 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233592 | 233600 | 233601 | 233605 | 233606 | 233611 | 233612 | 233613 | 233615 | 233618 | 233624 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233627 | 233628 | 233629 | 233630 | 233635 | 233637 | 233645 | 233649 | 233652 | 233658 | 233659 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233663 | 233667 | 233670 | 233671 | 233672 | 233673 | 233675 | 233677 | 233678 | 233680 | 233684 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233685 | 233690 | 233691 | 233694 | 233703 | 233706 | 233709 | 233710 | 233711 | 233712 | 233717 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233719 | 233726 | 233744 | 233756 | 233759 | 233760 | 233763 | 233764 | 233774 | 233776 | 233784 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233785 | 233787 | 233788 | 233790 | 233795 | 233796 | 233806 | 233816 | 233818 | 233819 | 233827 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233834 | 233837 | 233842 | 233851 | 233852 | 233854 | 233871 | 233884 | 233885 | 233887 | 233888 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233889 | 233891 | 233896 | 233898 | 233915 | 233925 | 233931 | 233941 | 233945 | 233959 | 233971 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 233973 | 233980 | 233987 | 234000 | 234001 | 234005 | 234009 | 234010 | 234016 | 234018 | 234029 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234031 | 234037 | 234039 | 234041 | 234043 | 234044 | 234050 | 234052 | 234069 | 234071 | 234074 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234076 | 234080 | 234094 | 234097 | 234098 | 234103 | 234112 | 234113 | 234117 | 234119 | 234122 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234128 | 234136 | 234137 | 234139 | 234143 | 234153 | 234156 | 234159 | 234163 | 234164 | 234165 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234174 | 234206 | 234207 | 234208 | 234216 | 234217 | 234225 | 234232 | 234238 | 234262 | 234265 |



|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234273 | 234274 | 234282 | 234283 | 234294 | 234297 | 234306 | 234307 | 234309 | 234310 | 234312 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234316 | 234320 | 234324 | 234328 | 234333 | 234338 | 234345 | 234347 | 234354 | 234358 | 234360 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234361 | 234372 | 234380 | 234386 | 234387 | 234388 | 234389 | 234393 | 234400 | 234403 | 234416 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234427 | 234430 | 234432 | 234440 | 234441 | 234459 | 234463 | 234468 | 234470 | 234471 | 234477 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234490 | 234493 | 234498 | 234502 | 234505 | 234506 | 234508 | 234513 | 234520 | 234521 | 234527 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234529 | 234548 | 234552 | 234573 | 234574 | 234576 | 234579 | 234585 | 234586 | 234595 | 234597 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234601 | 234608 | 234613 | 234614 | 234618 | 234632 | 234642 | 234644 | 234645 | 234646 | 234662 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234668 | 234670 | 234672 | 234673 | 234677 | 234680 | 234687 | 234689 | 234697 | 234698 | 234707 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234715 | 234716 | 234724 | 234725 | 234731 | 234736 | 234750 | 234752 | 234765 | 234782 | 234786 |
| ## | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234797 | 234802 | 234803 | 234805 | 234807 | 234815 | 234819 | 234821 | 234825 | 234844 | 234846 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234852 | 234860 | 234912 | 234930 | 234935 | 234939 | 234942 | 234945 | 234947 | 234949 | 234954 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 234955 | 234956 | 234965 | 234969 | 234972 | 234974 | 234982 | 234992 | 235007 | 235011 | 235017 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 235023 | 235028 | 235029 | 235048 | 235057 | 235069 | 235091 | 235092 | 235094 | 235099 | 235107 |
| ## | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235108 | 235111 | 235116 | 235117 | 235119 | 235120 | 235131 | 235132 | 235134 | 235135 | 235137 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235138 | 235139 | 235144 | 235170 | 235172 | 235177 | 235181 | 235182 | 235185 | 235187 | 235195 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235202 | 235205 | 235206 | 235214 | 235216 | 235217 | 235218 | 235224 | 235229 | 235231 | 235232 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235242 | 235248 | 235252 | 235260 | 235261 | 235265 | 235279 | 235280 | 235287 | 235290 | 235295 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235299 | 235304 | 235307 | 235320 | 235332 | 235335 | 235347 | 235349 | 235355 | 235359 | 235360 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 235362 | 235367 | 235372 | 235386 | 235392 | 235393 | 235396 | 235406 | 235411 | 235413 | 235415 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235417 | 235430 | 235432 | 235455 | 235461 | 235469 | 235471 | 235485 | 235491 | 235494 | 235496 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235497 | 235502 | 235506 | 235510 | 235521 | 235522 | 235527 | 235528 | 235529 | 235532 | 235534 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235540 | 235541 | 235549 | 235553 | 235559 | 235565 | 235570 | 235577 | 235583 | 235588 | 235593 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235596 | 235601 | 235602 | 235605 | 235606 | 235610 | 235611 | 235612 | 235616 | 235619 | 235632 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235642 | 235643 | 235648 | 235660 | 235661 | 235665 | 235668 | 235669 | 235672 | 235673 | 235675 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235677 | 235679 | 235682 | 235695 | 235699 | 235709 | 235712 | 235727 | 235735 | 235736 | 235738 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235740 | 235745 | 235751 | 235773 | 235778 | 235780 | 235784 | 235786 | 235792 | 235795 | 235798 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235802 | 235815 | 235825 | 235827 | 235830 | 235833 | 235835 | 235853 | 235862 | 235865 | 235866 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235867 | 235870 | 235872 | 235875 | 235878 | 235881 | 235883 | 235888 | 235892 | 235896 | 235899 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235902 | 235904 | 235905 | 235909 | 235910 | 235911 | 235918 | 235919 | 235923 | 235926 | 235941 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 235945 | 235960 | 235963 | 235964 | 235972 | 235973 | 235984 | 235986 | 235991 | 235995 | 236015 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236017 | 236019 | 236020 | 236024 | 236025 | 236027 | 236029 | 236033 | 236035 | 236042 | 236048 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236050 | 236054 | 236055 | 236059 | 236070 | 236076 | 236093 | 236096 | 236099 | 236100 | 236107 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236109 | 236127 | 236134 | 236136 | 236140 | 236146 | 236149 | 236150 | 236152 | 236167 | 236169 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236191 | 236194 | 236197 | 236203 | 236206 | 236208 | 236211 | 236217 | 236222 | 236223 | 236224 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236225 | 236266 | 236272 | 236283 | 236293 | 236294 | 236307 | 236309 | 236312 | 236313 | 236314 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236316 | 236326 | 236329 | 236340 | 236346 | 236347 | 236353 | 236354 | 236356 | 236363 | 236365 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236367 | 236376 | 236380 | 236386 | 236387 | 236389 | 236393 | 236396 | 236399 | 236409 | 236413 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236415 | 236418 | 236425 | 236429 | 236432 | 236435 | 236441 | 236442 | 236445 | 236450 | 236451 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236458 | 236466 | 236470 | 236472 | 236475 | 236478 | 236491 | 236502 | 236510 | 236511 | 236517 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236521 | 236526 | 236528 | 236529 | 236535 | 236537 | 236544 | 236547 | 236555 | 236557 | 236559 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236563 | 236565 | 236571 | 236578 | 236581 | 236584 | 236587 | 236607 | 236612 | 236614 | 236616 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236617 | 236621 | 236622 | 236624 | 236625 | 236629 | 236631 | 236632 | 236633 | 236634 | 236635 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236637 | 236645 | 236655 | 236658 | 236668 | 236678 | 236689 | 236701 | 236706 | 236710 | 236714 |
| ## | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236716 | 236720 | 236723 | 236726 | 236727 | 236730 | 236731 | 236733 | 236736 | 236749 | 236757 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236761 | 236764 | 236770 | 236772 | 236773 | 236774 | 236777 | 236795 | 236796 | 236808 | 236813 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236817 | 236818 | 236820 | 236821 | 236822 | 236831 | 236832 | 236837 | 236843 | 236845 | 236847 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 236856 | 236863 | 236869 | 236872 | 236882 | 236885 | 236887 | 236889 | 236893 | 236907 | 236910 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      |
| ## | 236913 | 236934 | 236937 | 236941 | 236947 | 236949 | 236956 | 236958 | 236963 | 236966 | 236975 |
| ## | 0      | 0      | 0      | 0      | 1      | 1      | 1      | 0      | 0      | 0      | 0      |
| ## | 236976 | 236990 | 236991 | 236995 | 237003 | 237007 | 237012 | 237015 | 237023 | 237026 | 237033 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 237040 | 237042 | 237046 | 237049 | 237056 | 237061 | 237066 | 237068 | 237074 | 237085 | 237094 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 237102 | 237104 | 237106 | 237111 | 237120 | 237127 | 237132 | 237140 | 237153 | 237154 | 237157 |
| ## | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 237159 | 237166 | 237169 | 237175 | 237183 | 237187 | 237206 | 237214 | 237215 | 237218 | 237221 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 1      | 0      | 0      |
| ## | 237222 | 237224 | 237231 | 237233 | 237242 | 237247 | 237253 | 237255 | 237256 | 237268 | 237270 |
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 237287 | 237289 | 237295 | 237301 | 237304 | 237309 | 237313 | 237320 | 237323 | 237324 | 237325 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 1      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 1      |
| ## | 237331 | 237333 | 237339 | 237340 | 237341 | 237347 | 237358 | 237359 | 237367 | 237368 | 237370 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 237374 | 237375 | 237379 | 237389 | 237391 | 237393 | 237397 | 237403 | 237406 | 237408 | 237414 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 237420 | 237423 | 237439 | 237445 | 237447 | 237450 | 237452 | 237456 | 237463 | 237466 | 237469 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 237471 | 237479 | 237487 | 237493 | 237495 | 237497 | 237505 | 237514 | 237527 | 237541 | 237548 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 237549 | 237550 | 237553 | 237557 | 237561 | 237566 | 237567 | 237570 | 237577 | 237578 | 237579 |
| ## | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 237583 | 237586 | 237588 | 237590 | 237594 | 237595 | 237597 | 237602 | 237605 | 237606 | 237607 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 237608 | 237610 | 237615 | 237618 | 237625 | 237629 | 237632 | 237643 | 237645 | 237646 | 237665 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 237675 | 237685 | 237688 | 237700 | 237705 | 237719 | 237720 | 237721 | 237728 | 237737 | 237738 |
| ## | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 237750 | 237756 | 237762 | 237763 | 237767 | 237770 | 237776 | 237785 | 237790 | 237796 | 237800 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 0      | 0      |
| ## | 237805 | 237807 | 237808 | 237810 | 237811 | 237813 | 237817 | 237820 | 237825 | 237834 | 237843 |
| ## | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 1      |
| ## | 237844 | 237845 | 237847 | 237853 | 237855 | 237856 | 237857 | 237859 | 237870 | 237877 | 237880 |
| ## | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 237884 | 237889 | 237890 | 237892 | 237905 | 237915 | 237924 | 237926 | 237927 | 237954 | 237958 |
| ## | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 0      |
| ## | 237963 | 237971 | 237972 | 237985 | 237992 | 237995 | 238003 | 238015 | 238021 | 238025 | 238041 |
| ## | 0      | 1      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 1      |
| ## | 238043 | 238045 | 238047 | 238053 | 238057 | 238059 | 238060 | 238069 | 238070 | 238077 | 238079 |
| ## | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 0      | 1      | 1      |
| ## | 238083 | 238086 | 238091 | 238101 | 238102 | 238113 | 238114 | 238115 | 238118 | 238119 | 238120 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      |
| ## | 238132 | 238136 | 238140 | 238150 | 238152 | 238158 | 238167 | 238181 | 238183 | 238190 | 238191 |
| ## | 1      | 0      | 1      | 1      | 0      | 1      | 1      | 1      | 1      | 0      | 0      |
| ## | 238192 | 238195 | 238199 | 238200 | 238202 | 238216 | 238218 | 238222 | 238226 | 238228 | 238232 |
| ## | 1      | 1      | 0      | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 1      |
| ## | 238239 | 238240 | 238243 | 238246 | 238248 | 238251 | 238257 | 238260 | 238266 | 238268 | 238279 |
| ## | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 1      | 1      | 0      |
| ## | 238288 | 238293 | 238296 | 238297 | 238308 | 238309 | 238325 | 238332 | 238336 | 238337 | 238338 |
| ## | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 1      | 0      | 1      |
| ## | 238342 | 238346 | 238351 | 238363 | 238364 | 238370 | 238373 | 238377 | 238378 | 238394 | 238395 |
| ## | 1      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 1      | 1      | 0      |
| ## | 238397 | 238402 | 238405 | 238414 | 238420 | 238424 | 238426 | 238432 | 238435 | 238444 | 238445 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 238449 | 238450 | 238453 | 238460 | 238499 | 238501 | 238505 | 238519 | 238520 | 238523 | 238527 |
| ## | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 238528 | 238530 | 238532 | 238538 | 238542 | 238548 | 238551 | 238552 | 238554 | 238559 | 238565 |
| ## | 0      | 1      | 1      | 1      | 1      | 1      | 0      | 0      | 0      | 0      | 0      |
| ## | 238566 | 238568 | 238573 | 238575 | 238582 | 238585 | 238586 | 238588 | 238589 | 238591 | 238594 |
| ## | 0      | 1      | 0      | 0      | 1      | 1      | 0      | 1      | 0      | 0      | 1      |
| ## | 238595 | 238596 | 238599 | 238607 | 238613 | 238616 | 238618 | 238636 | 238637 | 238638 | 238652 |
| ## | 1      | 0      | 1      | 1      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 238653 | 238657 | 238658 | 238670 | 238671 | 238683 | 238686 | 238699 | 238701 | 238705 | 238709 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 238712 | 238717 | 238722 | 238726 | 238742 | 238747 | 238749 | 238750 | 238754 | 238758 | 238770 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      |
| ## | 238783 | 238785 | 238796 | 238799 | 238806 | 238807 | 238813 | 238818 | 238830 | 238831 | 238841 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 238848 | 238850 | 238860 | 238861 | 238864 | 238869 | 238878 | 238888 | 238894 | 238895 | 238907 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 238915 | 238926 | 238933 | 238936 | 238938 | 238941 | 238969 | 238978 | 238983 | 238991 | 238996 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 239005 | 239007 | 239013 | 239025 | 239026 | 239030 | 239031 | 239034 | 239036 | 239039 | 239040 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 239044 | 239045 | 239046 | 239048 | 239059 | 239061 | 239071 | 239073 | 239085 | 239088 | 239092 |
| ## | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 239098 | 239099 | 239107 | 239122 | 239128 | 239131 | 239133 | 239138 | 239141 | 239148 | 239149 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 239159 | 239160 | 239161 | 239164 | 239165 | 239168 | 239179 | 239181 | 239185 | 239188 | 239198 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 239199 | 239205 | 239209 | 239210 | 239211 | 239217 | 239226 | 239231 | 239234 | 239252 | 239253 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      |
| ## | 239258 | 239260 | 239289 | 239291 | 239302 | 239306 | 239308 | 239310 | 239327 | 239328 | 239329 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 239331 | 239342 | 239345 | 239348 | 239356 | 239385 | 239392 | 239409 | 239411 | 239420 | 239427 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 1      | 1      | 0      | 0      | 0      |
| ## | 239442 | 239447 | 239449 | 239457 | 239467 | 239470 | 239479 | 239480 | 239483 | 239487 | 239521 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      |
| ## | 239526 | 239532 | 239533 | 239536 | 239544 | 239545 | 239554 | 239567 | 239575 | 239578 | 239579 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      |
| ## | 239587 | 239593 | 239599 | 239601 | 239606 | 239613 | 239614 | 239619 | 239637 | 239638 | 239641 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 239645 | 239646 | 239651 | 239653 | 239663 | 239681 | 239702 | 239710 | 239713 | 239725 | 239727 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 239729 | 239732 | 239741 | 239748 | 239767 | 239790 | 239793 | 239794 | 239802 | 239810 | 239819 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 239821 | 239833 | 239838 | 239847 | 239848 | 239857 | 239864 | 239870 | 239876 | 239884 | 239887 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 239890 | 239892 | 239896 | 239897 | 239902 | 239903 | 239907 | 239913 | 239917 | 239919 | 239920 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 239921 | 239923 | 239925 | 239926 | 239930 | 239935 | 239936 | 239942 | 239943 | 239954 | 239956 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 239959 | 239963 | 239966 | 239969 | 239970 | 239972 | 239977 | 239985 | 239986 | 239990 | 239991 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 239995 | 240006 | 240007 | 240008 | 240014 | 240017 | 240030 | 240036 | 240045 | 240054 | 240055 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 240068 | 240072 | 240074 | 240078 | 240081 | 240082 | 240083 | 240091 | 240093 | 240096 | 240106 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 240110 | 240116 | 240117 | 240121 | 240125 | 240126 | 240129 | 240131 | 240135 | 240138 | 240139 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 240140 | 240146 | 240147 | 240163 | 240164 | 240166 | 240168 | 240176 | 240178 | 240180 | 240184 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 240185 | 240187 | 240189 | 240193 | 240197 | 240201 | 240217 | 240232 | 240234 | 240236 | 240241 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 240257 | 240267 | 240268 | 240272 | 240282 | 240292 | 240323 | 240325 | 240344 | 240346 | 240353 |
| ## | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 240360 | 240365 | 240369 | 240379 | 240383 | 240384 | 240390 | 240394 | 240396 | 240397 | 240406 |
| ## | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ## | 240412 | 240414 | 240421 | 240424 | 240425 | 240427 | 240429 | 240434 | 240435 | 240438 | 240444 |

```
##      0      0      0      0      0      0      0      0      0      0      1      0
## 240447 240450 240453 240456 240459 240462 240464 240466 240486 240487 240490
##      0      0      0      0      0      0      0      0      0      0      0      0
## 240493 240498 240502 240503 240512 240514 240520 240524 240530 240532 240533
##      0      0      0      0      0      0      0      0      0      0      0      0
## 240546 240547 240551 240561 240571 240576 240578 240579 240580 240582 240583
##      0      0      0      0      0      0      0      0      0      0      0      0
## 240585 240590 240592 240594 240598 240602 240604 240606 240609 240610 240611
##      0      0      0      0      0      0      0      0      0      0      0      0
## 240612 240613 240619 240628 240633 240634 240635 240640 240642 240647 240648
##      0      0      0      0      0      0      0      0      0      0      0      0
## 240653 240667 240672 240677 240685 240697 240701 240702 240703 240705 240712
##      0      0      0      0      0      0      0      0      0      0      0      0
## 240719 240724 240736 240739 240758 240766 240771 240774 240777 240779 240785
##      0      0      0      0      0      0      0      0      0      0      0      0
## 240789 240800 240802 240805 240813 240823 240824 240834 240841 240849 240850
##      0      0      0      1      1      0      0      0      0      0      0      0
## 240852 240856 240859 240860 240863 240867 240870 240877 240887 240891 240893
##      1      0      0      0      0      0      0      0      0      0      0      0
## 240916 240931 240947 240952 240954 240955 240958 240963 240968 240972 240987
##      0      0      0      0      0      0      0      0      0      0      0      0
## 240992 240994 240996 240997 241000 241006 241009 241028 241030 241032 241035
##      0      0      0      0      0      0      0      0      0      0      0      0
## 241039 241042 241045 241048 241061 241065 241067 241072 241079 241082 241085
##      0      0      0      0      1      0      0      0      0      0      0      0
## 241087 241088 241096 241112 241119 241123 241130 241133 241136 241139 241145
##      0      0      0      0      0      0      0      0      0      0      0      0
## 241147 241154 241161 241163 241167 241176 241178 241179 241185 241186 241189
##      0      0      0      0      0      0      0      0      0      0      0      1
## 241190 241197 241205 241220 241223 241224 241226 241238 241256 241257 241259
##      0      0      0      0      0      0      0      0      0      0      0      0
## 241270 241279 241294 241302 241303 241308 241312 241316 241318 241327 241329
##      0      0      0      0      0      0      0      0      0      0      0      0
## 241330 241333 241336 241342 241344 241346 241349 241350 241353 241356 241358
##      0      0      0      0      0      0      0      0      0      0      0      0
## 241365 241368 241373 241379 241383 241384 241386 241394 241401 241407 241421
##      0      0      0      0      0      0      1      0      1      0      0      0
## 241423 241424 241425 241426 241427 241428 241434 241436 241438 241441 241452
##      0      0      0      0      0      0      0      0      0      0      0      0
## 241457 241458 241461 241467 241468 241469 241475 241478 241480 241493 241500
##      0      0      0      0      0      0      0      0      0      0      0      0
## 241501 241509 241512 241514 241517 241520 241522 241531 241536 241544 241545
##      0      0      0      0      0      0      0      0      0      0      0      0
## 241549 241561 241564 241570 241573 241586 241588 241597 241609 241612 241613
##      0      0      0      0      0      0      0      0      0      0      0      0
## 241614 241615 241616 241631 241633 241639 241643 241645 241646 241651
##      0      0      0      0      0      0      0      0      0      0      0
```

```
df_test_model <- cbind(df_test_model, as.data.frame(probability_predictions), as.data.frame(binary_predictions))
```

```
ls_class <- relevel(factor(df_test_model$Antisemitic_crimes), ref = "1") ## changes it from the default
ls_scr_class <- relevel(factor(df_test_model$binary_predictions), ref = "1")
confusionMatrix(data=ls_scr_class, reference = ls_class)
```

```

## Confusion Matrix and Statistics
##
##           Reference
## Prediction    1    0
##           1  2842  4311
##           0  3343  37837
##
##           Accuracy : 0.8416
##           95% CI : (0.8384, 0.8449)
##       No Information Rate : 0.872
##       P-Value [Acc > NIR] : 1
##
##           Kappa : 0.3349
##
## Mcnemar's Test P-Value : <2e-16
##
##           Sensitivity : 0.4595
##           Specificity : 0.8977
##       Pos Pred Value : 0.3973
##       Neg Pred Value : 0.9188
##           Prevalence : 0.1280
##       Detection Rate : 0.0588
##       Detection Prevalence : 0.1480
##       Balanced Accuracy : 0.6786
##
##       'Positive' Class : 1
##

```

## ROC Curve & AUC

```

roc(as.numeric(ls_class), as.numeric(ls_scr_class), plot = TRUE, print.auc = TRUE)

```

```

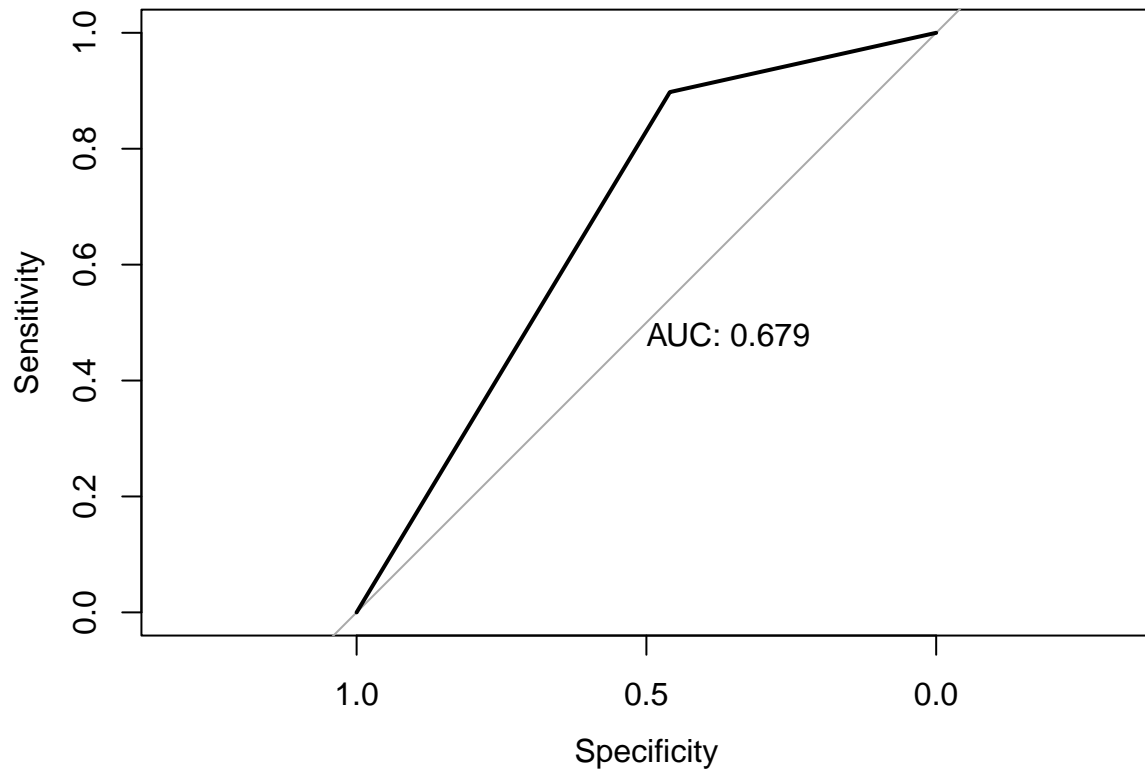
## Setting levels: control = 1, case = 2

```

```

## Setting direction: controls < cases

```



```
##
## Call:
## roc.default(response = as.numeric(ls_class), predictor = as.numeric(ls_scr_class), plot = TRUE, p
##
## Data: as.numeric(ls_scr_class) in 6185 controls (as.numeric(ls_class) 1) < 42148 cases (as.numeric(l
## Area under the curve: 0.6786
```