

Deliverable I

ADEI

true true

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0.1 Data Description

This data dictionary describes SHL trip data. For dictionaries describing yellow taxi and FHV data, please visit http://www.nyc.gov/html/tlc/html/about/trip_record_data.shtml.

- VendorID A code indicating the LPEP provider that provided the record. 1= Creative Mobile Technologies, LLC; 2= VeriFone Inc.
- lpep_pickup_datetime The date and time when the meter was engaged.
- lpep_dropoff_datetime The date and time when the meter was disengaged.
- Passenger_count The number of passengers in the vehicle. This is a driver-entered value. - Trip_distance The elapsed trip distance in miles reported by the taximeter.
- Pickup_longitude Longitude where the meter was engaged.
- Pickup_latitude Latitude where the meter was engaged.
- RateCodeID The final rate code in effect at the end of the trip. 1= Standard rate 2=JFK 3=Newark 4=Nassau or Westchester 5=Negotiated fare 6=Group ride
- Store_and_fwd_flag This flag indicates whether the trip record was held in vehicle memory before sending to the vendor, aka “store and forward,” because the vehicle did not have a connection to the server: Y= store and forward trip N= not a store and forward trip
- Dropoff_longitude Longitude where the meter was timed off.
- Dropoff_latitude Latitude where the meter was timed off.
- Payment_type A numeric code signifying how the passenger paid for the trip. 1= Credit card 2= Cash 3= No charge 4= Dispute 5= Unknown 6= Voided trip

- Fare_amount The time-and-distance fare calculated by the meter.
- Extra Miscellaneous extras and surcharges. Currently, this only includes the \$0.50 and \$1 rush hour and overnight charges.
- MTA_tax \$0.50 MTA tax that is automatically triggered based on the metered rate in use. - Improvement_surcharge \$0.30 improvement surcharge assessed on hailed trips at the flag drop. The improvement surcharge began being levied in 2015.
- Tip_amount This field is automatically populated for credit card tips. Cash tips are not included.
- Tolls_amount Total amount of all tolls paid in trip.
- Total_amount The total amount charged to passengers. Does not include cash tips.
- Trip_type A code indicating whether the trip was a street-hail or a dispatch that is automatically assigned based on the metered rate in use but can be altered by the driver. 1= Street-hail 2= Dispatch

1 Load Required Packages: to be increased over the course

```
options(contrasts=c("contr.treatment", "contr.treatment"))

requiredPackages <- c("missMDA", "chemometrics", "mvoutlier", "effects", "FactoMineR", "car", "factoextra", "F
missingPackages <- requiredPackages[!(requiredPackages %in% installed.packages()[, "Package"])]

if(length(missingPackages)) install.packages(missingPackages)
lapply(requiredPackages, require, character.only = TRUE)

## Loading required package: missMDA
## Loading required package: chemometrics
## Loading required package: rpart
## Loading required package: mvoutlier
## Loading required package: sgeostat
## Registered S3 method overwritten by 'GGally':
##   method from
##   +.gg      ggplot2
## sROC 0.1-2 loaded
## Loading required package: effects
## Loading required package: carData
## Registered S3 methods overwritten by 'lme4':
##   method                  from
##   cooks.distance.influence.merMod car
##   influence.merMod          car
##   dfbeta.influence.merMod    car
##   dfbetas.influence.merMod   car
## lattice theme set by effectsTheme()
## See ?effectsTheme for details.
## Loading required package: FactoMineR
## Loading required package: car
## Loading required package: factoextra
## Loading required package: ggplot2
## Welcome! Want to learn more? See two factoextra-related books at https://goo.gl/ve3WBa
## Loading required package: RColorBrewer
## Loading required package: dplyr
```

```
##
## Attaching package: 'dplyr'
## The following object is masked from 'package:car':
##
##      recode
## The following objects are masked from 'package:stats':
##
##      filter, lag
## The following objects are masked from 'package:base':
##
##      intersect, setdiff, setequal, union
## Loading required package: ggmap
## Google's Terms of Service: https://cloud.google.com/maps-platform/terms/.
## Please cite ggmap if you use it! See citation("ggmap") for details.
## Loading required package: ggthemes
## Loading required package: knitr
## null device
##      1
## [1] 1445285      21
## [1] "VendorID"          "lpep_pickup_datetime" "lpep_dropoff_datetime"
## [4] "Store_and_fwd_flag" "RateCodeID"          "Pickup_longitude"
## [7] "Pickup_latitude"    "Dropoff_longitude"    "Dropoff_latitude"
## [10] "Passenger_count"    "Trip_distance"        "Fare_amount"
## [13] "Extra"              "MTA_tax"              "Tip_amount"
## [16] "Tolls_amount"       "Ehail_fee"            "improvement_surcharge"
## [19] "Total_amount"       "Payment_type"         "Trip_type"
## VendorID lpep_pickup_datetime lpep_dropoff_datetime Store_and_fwd_flag
## 1      2 2016-01-01 00:29:24 2016-01-01 00:39:36 N
## 2      2 2016-01-01 00:19:39 2016-01-01 00:39:18 N
## 3      2 2016-01-01 00:19:33 2016-01-01 00:39:48 N
## 4      2 2016-01-01 00:22:12 2016-01-01 00:38:32 N
## 5      2 2016-01-01 00:24:01 2016-01-01 00:39:22 N
## 6      2 2016-01-01 00:32:59 2016-01-01 00:39:35 N
## RateCodeID Pickup_longitude Pickup_latitude Dropoff_longitude
## 1      1 -73.92864 40.68061 -73.92428
## 2      1 -73.95267 40.72318 -73.92392
## 3      1 -73.97161 40.67611 -74.01316
## 4      1 -73.98950 40.66958 -74.00065
## 5      1 -73.96473 40.68285 -73.94072
## 6      1 -73.89114 40.74646 -73.86774
## Dropoff_latitude Passenger_count Trip_distance Fare_amount Extra MTA_tax
## 1      40.69804 1 1.46 8.0 0.5 0.5
## 2      40.76138 1 3.56 15.5 0.5 0.5
## 3      40.64607 1 3.79 16.5 0.5 0.5
## 4      40.68903 1 3.01 13.5 0.5 0.5
## 5      40.66301 1 2.55 12.0 0.5 0.5
## 6      40.74211 1 1.37 7.0 0.5 0.5
## Tip_amount Tolls_amount Ehail_fee improvement_surcharge Total_amount
## 1      1.86 0 NA 0.3 11.16
## 2      0.00 0 NA 0.3 16.80
## 3      4.45 0 NA 0.3 22.25
## 4      0.00 0 NA 0.3 14.80
## 5      0.00 0 NA 0.3 13.30
## 6      0.00 0 NA 0.3 8.30
## Payment_type Trip_type
## 1      1 1
## 2      2 1
## 3      1 1
```

```
## 4          2          1
## 5          2          1
## 6          2          1
```

1.1 Select a sample of 5000 records

```
set.seed(02041997)
sam<-as.vector(sort(sample(1:nrow(df2),5000)))
df<-df2[sam,]
summary(df)
```

1.2 Some useful functions

```
calcQ <- function(x) {
  s.x <- summary(x)
  iqr<-s.x[5]-s.x[2]
  list(souti=s.x[2]-3*iqr, mouti=s.x[2]-1.5*iqr, min=s.x[1], q1=s.x[2], q2=s.x[3],
       q3=s.x[5], max=s.x[6], mouts=s.x[5]+1.5*iqr, souts=s.x[5]+3*iqr ) }

countNA <- function(x) {
  mis_x <- NULL
  for (j in 1:ncol(x)) {mis_x[j] <- sum(is.na(x[,j])) }
  mis_x <- as.data.frame(mis_x)
  rownames(mis_x) <- names(x)
  mis_i <- rep(0,nrow(x))
  for (j in 1:ncol(x)) {mis_i <- mis_i + as.numeric(is.na(x[,j])) }
  list(mis_col=mis_x,mis_ind=mis_i) }

countX <- function(x,X) {
  n_x <- NULL
  for (j in 1:ncol(x)) {n_x[j] <- sum(x[,j]==X) }
  n_x <- as.data.frame(n_x)
  rownames(n_x) <- names(x)
  nx_i <- rep(0,nrow(x))
  for (j in 1:ncol(x)) {nx_i <- nx_i + as.numeric(x[,j]==X) }
  list(nx_col=n_x,nx_ind=nx_i) }

EDA_Univariant <- function(x,title){
  if(missing(title)) {
    title<-" "
  }
  x <- data.frame(x)
  print(summary(x))
  par(mfrow=c(NCOL(x),2))
  for (i in 1:NCOL(x)){
    if(NCOL(x)>1){
      title <-names(x)[i]
    }
    if (sapply(x, class)[i] == "numeric" || sapply(x, class)[i] == "integer"){
      print(sd(x[,i]))
      hist(x[,i], main = paste("Histogram", title), freq = TRUE, xlab="")
      boxplot(x[,i], main = paste("Boxplot", title))
      var_out<-calcQ(df$espeed)
      abline(h=var_out$souts,col="red")
      abline(h=var_out$souti,col="blue")
    }else{
      barplot(table(as.factor(x[,i])), main = paste("Barplot", names(x)[i]))
      pie(table(as.factor(x[,i])), main = paste("Pie", names(x)[i]))
    }
  }
  par(mfrow=c(1,1))
}
```

1.3 Factors: Levels coding

Now codify properly factors and remove non-informative variables

```
##      VendorID          lpep_pickup_datetime      Lpep_dropoff_datetime
##  Min.      :1.000    2016-01-10 03:07:32:      2      2016-01-22 00:00:00:      3
##  1st Qu.:2.000    2016-01-20 19:47:26:      2      2016-01-08 20:53:45:      2
##  Median :2.000    2016-01-01 00:02:22:      1      2016-01-09 14:00:49:      2
##  Mean   :1.779    2016-01-01 00:16:59:      1      2016-01-20 00:00:00:      2
##  3rd Qu.:2.000    2016-01-01 00:20:21:      1      2016-01-31 18:59:28:      2
##  Max.   :2.000    2016-01-01 00:20:30:      1      2016-01-01 00:06:59:      1
##      (Other)          :4992      (Other)          :4988
##  Store_and_fwd_flag  RateCodeID  Pickup_longitude Pickup_latitude
##  N:4983              Min.      :1.000  Min.      :-74.16  Min.      : 0.00
##  Y: 17              1st Qu.:1.000  1st Qu.: -73.96  1st Qu.:40.69
##                  Median :1.000  Median : -73.95  Median :40.75
##                  Mean   :1.104  Mean   : -73.83  Mean   :40.69
##                  3rd Qu.:1.000  3rd Qu.: -73.92  3rd Qu.:40.80
##                  Max.   :5.000  Max.    :  0.00  Max.    :40.89
##
##  Dropoff_longitude Dropoff_latitude Passenger_count Trip_distance
##  Min.      :-74.18  Min.      : 0.00  Min.      :0.000  Min.      : 0.000
##  1st Qu.: -73.97  1st Qu.:40.70  1st Qu.:1.000  1st Qu.: 1.020
##  Median : -73.95  Median :40.75  Median :1.000  Median : 1.850
##  Mean   : -73.88  Mean   :40.71  Mean   :1.375  Mean   : 2.807
##  3rd Qu.: -73.91  3rd Qu.:40.79  3rd Qu.:1.000  3rd Qu.: 3.583
##  Max.    :  0.00  Max.    :40.94  Max.    :6.000  Max.    :42.200
##
##  Fare_amount      Extra      MTA_tax      Tip_amount
##  Min.      :-50.00  Min.      :-1.0000  Min.      :-0.5000  Min.      : 0.000
##  1st Qu.:   6.50  1st Qu.: 0.0000  1st Qu.: 0.5000  1st Qu.: 0.000
##  Median :   9.00  Median : 0.5000  Median : 0.5000  Median : 0.000
##  Mean   :  12.09  Mean   : 0.3481  Mean   : 0.4858  Mean   : 1.319
##  3rd Qu.:  14.50  3rd Qu.: 0.5000  3rd Qu.: 0.5000  3rd Qu.: 2.000
##  Max.    :400.00  Max.    : 1.0000  Max.    : 0.5000  Max.    :98.880
##
##  Tolls_amount      Ehail_fee      improvement_surcharge  Total_amount
##  Min.      : 0.00000  Mode:logical  Min.      :-0.3000  Min.      :-50.000
##  1st Qu.: 0.00000  NA's:5000    1st Qu.: 0.3000  1st Qu.:  7.872
##  Median : 0.00000              Median : 0.3000  Median : 11.300
##  Mean   : 0.09719              Mean   : 0.2912  Mean   : 14.633
##  3rd Qu.: 0.00000              3rd Qu.: 0.3000  3rd Qu.: 17.300
##  Max.    :11.08000              Max.    : 0.3000  Max.    :498.880
##
##  Payment_type      Trip_type
##  Min.      :1.000  Min.      :1.000
##  1st Qu.:1.000  1st Qu.:1.000
##  Median :2.000  Median :1.000
##  Mean   :1.515  Mean   :1.025
##  3rd Qu.:2.000  3rd Qu.:1.000
##  Max.    :4.000  Max.    :2.000
##
##  [1] "VendorID"          "lpep_pickup_datetime" "Lpep_dropoff_datetime"
##  [4] "Store_and_fwd_flag" "RateCodeID"          "Pickup_longitude"
##  [7] "Pickup_latitude"    "Dropoff_longitude"    "Dropoff_latitude"
## [10] "Passenger_count"    "Trip_distance"        "Fare_amount"
## [13] "Extra"              "MTA_tax"              "Tip_amount"
## [16] "Tolls_amount"       "Ehail_fee"            "improvement_surcharge"
## [19] "Total_amount"       "Payment_type"         "Trip_type"
##
##  f.Vendor-Mobile f.Vendor-VeriFone
##              1103              3897
##
##  f.TripType-Street-Hail  f.TripType-Dispatch
##              4877              123
```

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

```
## f.PayType-Credit card      f.PayType-Cash  f.PayType-No charge
##                2464                2507                19
##      f.PayType-Dispute
##                10
```

```
## [1] 4
```

```
##      N      Y
## 4983    17
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## -0.3000  0.3000  0.3000  0.2912  0.3000  0.3000
```

Initialization of counts for missings, outliers and errors. All numerical variables have to be checked

```
#####
imis<-rep(0,nrow(df)) # rows - trips
jmis<-rep(0,2*ncol(df)) # columns - variables
#####
jmis <- colSums(is.na(df))
imis <- rowSums(is.na(df))
jmis
```

```
##      VendorID  lpep_pickup_datetime  lpep_dropoff_datetime
##              0                      0                      0
## Store_and_fwd_flag      RateCodeID      Pickup_longitude
##              0                      0                      0
##      Pickup_latitude      Dropoff_longitude      Dropoff_latitude
##              0                      0                      0
##      Passenger_count      Trip_distance      Fare_amount
##              0                      0                      0
##              Extra      MTA_tax      Tip_amount
##              0                      0                      0
##      Tolls_amount  Improvement_surcharge      Total_amount
##              0                      0                      0
##      Payment_type      Trip_type      lpep_pickup_date
##              0                      0                      0
##      lpep_pickup_time      lpep_dropoff_date      lpep_dropoff_time
##              0                      0                      0
```

```
imis
```

```
##      166      407      715      851      1072      1322      1667      1744      1969      2370
##       0       0       0       0       0       0       0       0       0       0
##      2756      3130      3902      4738      5162      5241      5242      5426      5472      5534
##       0       0       0       0       0       0       0       0       0       0
##      6010      6034      6454      7786      7806      7859      8025      8884      9072      9195
##       0       0       0       0       0       0       0       0       0       0
##      9412      9539      9823      9920      10311      10456      10628      10787      10981      11182
##       0       0       0       0       0       0       0       0       0       0
##     11472     11925     12145     12256     12479     13068     13718     14188     14552     14720
##       0       0       0       0       0       0       0       0       0       0
##     14825     15326     16574     16779     16791     18691     19187     19316     19813     19994
##       0       0       0       0       0       0       0       0       0       0
##     20307     21005     21047     21340     21377     21405     21686     21738     22033     22863
##       0       0       0       0       0       0       0       0       0       0
##     22954     23154     23252     23388     23460     23594     24736     24949     25269     25364
##       0       0       0       0       0       0       0       0       0       0
##     25448     25740     25745     25868     26027     26428     26767     26958     28004     28406
##       0       0       0       0       0       0       0       0       0       0
##     28767     29017     29026     29374     30054     30063     30279     30569     31340     31531
##       0       0       0       0       0       0       0       0       0       0
##     32012     32109     32177     32182     32702     33435     33453     33478     33541     33766
##       0       0       0       0       0       0       0       0       0       0
##     33971     34883     35028     35149     36213     37605     37903     37974     38002     38571
```

##	0	0	0	0	0	0	0	0	0	0
##	38590	38741	38836	39195	39997	40965	41083	41138	41374	42185
##	0	0	0	0	0	0	0	0	0	0
##	43143	43625	43820	43897	44249	44258	44348	44371	44656	44765
##	0	0	0	0	0	0	0	0	0	0
##	45115	45215	45338	45357	45910	46241	46475	47034	47329	48334
##	0	0	0	0	0	0	0	0	0	0
##	48830	48868	49475	49534	49659	49933	49975	50444	50686	50961
##	0	0	0	0	0	0	0	0	0	0
##	51540	51635	51835	51880	52213	52374	52659	53018	53066	53272
##	0	0	0	0	0	0	0	0	0	0
##	54114	54321	55023	55149	56078	56330	56465	57069	57562	57677
##	0	0	0	0	0	0	0	0	0	0
##	57714	57850	58309	58373	58923	59700	59891	61595	61739	61791
##	0	0	0	0	0	0	0	0	0	0
##	61858	62037	62645	62814	63243	63453	64042	64208	64336	64656
##	0	0	0	0	0	0	0	0	0	0
##	64850	64987	65349	65766	66138	67658	68040	68081	68234	68480
##	0	0	0	0	0	0	0	0	0	0
##	68962	69193	69299	69544	69785	69966	70003	70518	70813	71289
##	0	0	0	0	0	0	0	0	0	0
##	71290	71576	71645	71822	72461	73346	73812	73935	74193	74753
##	0	0	0	0	0	0	0	0	0	0
##	75016	75161	75215	75363	75433	75476	75577	75715	75740	75901
##	0	0	0	0	0	0	0	0	0	0
##	76051	76066	76130	76343	76346	76733	76950	77239	77416	77536
##	0	0	0	0	0	0	0	0	0	0
##	77618	78133	78231	78406	78563	78605	78791	79596	80325	80586
##	0	0	0	0	0	0	0	0	0	0
##	80796	81073	81413	81477	81606	81877	82072	82399	82456	82521
##	0	0	0	0	0	0	0	0	0	0
##	82582	82719	83091	83190	83419	83947	83990	83996	84038	84183
##	0	0	0	0	0	0	0	0	0	0
##	84495	84634	85792	86106	86504	86555	86784	87011	87022	87303
##	0	0	0	0	0	0	0	0	0	0
##	87374	87451	88024	88593	88721	88754	89166	89287	89320	89619
##	0	0	0	0	0	0	0	0	0	0
##	89632	89656	89676	89894	90284	90295	90346	91248	91520	91734
##	0	0	0	0	0	0	0	0	0	0
##	91834	92294	92376	92503	93033	93160	93172	94216	94436	94596
##	0	0	0	0	0	0	0	0	0	0
##	94760	94802	94831	94918	95447	95461	95653	95717	95761	96123
##	0	0	0	0	0	0	0	0	0	0
##	96164	96198	96235	96455	97030	97166	97418	97440	97752	97892
##	0	0	0	0	0	0	0	0	0	0
##	98428	98719	99211	99255	99899	100123	100374	100584	100727	100734
##	0	0	0	0	0	0	0	0	0	0
##	100867	101092	101459	101538	102438	102516	102854	102958	103434	103462
##	0	0	0	0	0	0	0	0	0	0
##	103956	104404	105158	105168	105262	105294	105882	105883	105885	106084
##	0	0	0	0	0	0	0	0	0	0
##	106103	106367	107587	107601	108809	109484	109614	109652	109825	110015
##	0	0	0	0	0	0	0	0	0	0
##	110386	110478	110743	110827	111067	111545	111617	111944	112660	112870
##	0	0	0	0	0	0	0	0	0	0
##	113329	113461	113545	113575	113990	114697	114748	115032	115045	115048
##	0	0	0	0	0	0	0	0	0	0
##	115393	116583	116695	116908	118108	118182	118263	118389	118755	119105
##	0	0	0	0	0	0	0	0	0	0
##	119976	120179	120404	120502	120946	121213	121301	121397	121579	121658
##	0	0	0	0	0	0	0	0	0	0
##	121703	122639	122758	123012	123070	123158	123218	123340	123876	123929
##	0	0	0	0	0	0	0	0	0	0
##	123983	124017	124056	124215	124218	124715	124736	124790	125181	125628

##	0	0	0	0	0	0	0	0	0	0
##	125853	125883	126171	126241	126476	126629	126740	126894	126995	127112
##	0	0	0	0	0	0	0	0	0	0
##	127482	127797	128259	129110	129728	130058	130441	131243	131356	131695
##	0	0	0	0	0	0	0	0	0	0
##	131820	132459	132860	133447	133971	134151	134657	134990	135578	135651
##	0	0	0	0	0	0	0	0	0	0
##	135661	136170	136331	136344	136412	136647	137027	137132	137387	137651
##	0	0	0	0	0	0	0	0	0	0
##	137697	137886	138445	139105	140161	140200	140318	140687	142044	142232
##	0	0	0	0	0	0	0	0	0	0
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##	1282581	1282773	1282870	1284664	1285115	1285657	1285830	1286342	1286500	1286712
##	0	0	0	0	0	0	0	0	0	0
##	1286906	1287113	1287274	1287333	1287670	1288019	1288120	1289326	1289633	1289868
##	0	0	0	0	0	0	0	0	0	0
##	1290312	1290589	1290682	1290690	1290805	1290884	1290989	1291514	1291945	1292216
##	0	0	0	0	0	0	0	0	0	0
##	1292384	1292471	1292538	1292611	1293254	1293837	1294417	1294683	1294770	1294975
##	0	0	0	0	0	0	0	0	0	0
##	1295082	1295458	1295901	1296260	1297213	1297472	1297545	1297569	1297836	1297888
##	0	0	0	0	0	0	0	0	0	0
##	1298268	1298467	1298825	1298916	1299338	1299476	1299918	1300968	1301354	1302327
##	0	0	0	0	0	0	0	0	0	0
##	1302641	1303473	1303568	1303619	1304044	1304383	1304659	1305604	1305670	1305705
##	0	0	0	0	0	0	0	0	0	0
##	1306131	1306162	1306735	1306782	1307599	1308144	1308187	1308414	1308909	1309362
##	0	0	0	0	0	0	0	0	0	0
##	1310180	1311056	1311071	1311247	1311303	1311319	1311518	1311801	1311956	1312644
##	0	0	0	0	0	0	0	0	0	0
##	1313547	1314183	1314248	1314321	1314751	1314848	1314968	1314976	1315796	1315998
##	0	0	0	0	0	0	0	0	0	0
##	1316041	1316044	1316306	1316420	1317057	1317139	1318116	1318179	1318650	1318706
##	0	0	0	0	0	0	0	0	0	0
##	1319058	1319081	1319209	1319274	1319640	1320282	1320444	1320524	1320551	1320947
##	0	0	0	0	0	0	0	0	0	0
##	1321145	1321331	1321686	1322261	1322621	1322676	1322803	1322933	1323228	1323352
##	0	0	0	0	0	0	0	0	0	0
##	1323519	1323909	1325676	1325784	1326144	1326265	1326817	1328179	1328257	1328285
##	0	0	0	0	0	0	0	0	0	0
##	1329483	1329552	1329690	1329759	1329881	1330781	1330919	1331676	1331687	1331833

##	0	0	0	0	0	0	0	0	0	0
##	1332402	1332467	1332510	1332763	1334113	1334314	1334397	1334653	1334794	1334825
##	0	0	0	0	0	0	0	0	0	0
##	1334872	1335640	1335858	1335930	1336028	1336207	1336377	1336435	1336637	1336779
##	0	0	0	0	0	0	0	0	0	0
##	1336846	1336958	1336977	1337165	1337211	1337788	1337814	1339657	1339989	1340143
##	0	0	0	0	0	0	0	0	0	0
##	1340221	1340319	1341049	1341380	1342013	1342617	1343208	1343510	1343511	1343692
##	0	0	0	0	0	0	0	0	0	0
##	1343983	1344727	1344769	1344830	1345047	1345475	1345838	1346065	1346237	1346373
##	0	0	0	0	0	0	0	0	0	0
##	1346554	1346751	1347119	1347248	1347566	1347634	1347777	1348133	1348193	1348576
##	0	0	0	0	0	0	0	0	0	0
##	1348724	1349030	1349295	1349437	1349491	1349954	1350337	1352018	1352168	1352347
##	0	0	0	0	0	0	0	0	0	0
##	1352367	1352644	1353411	1353659	1354284	1354291	1354351	1354374	1355173	1355597
##	0	0	0	0	0	0	0	0	0	0
##	1355960	1356712	1357382	1357704	1357750	1357751	1357859	1358622	1358663	1358688
##	0	0	0	0	0	0	0	0	0	0
##	1358834	1358969	1358970	1359012	1359461	1359789	1359819	1360034	1360297	1360468
##	0	0	0	0	0	0	0	0	0	0
##	1360496	1360682	1360816	1361105	1361270	1361758	1361858	1362497	1362576	1362733
##	0	0	0	0	0	0	0	0	0	0
##	1363283	1363593	1364267	1365082	1365211	1366286	1366303	1366696	1367244	1368773
##	0	0	0	0	0	0	0	0	0	0
##	1369141	1369555	1369571	1370232	1370242	1370269	1370573	1370711	1370970	1371394
##	0	0	0	0	0	0	0	0	0	0
##	1371680	1371857	1371895	1372206	1372248	1372904	1373406	1373542	1373850	1374187
##	0	0	0	0	0	0	0	0	0	0
##	1375138	1375776	1376882	1377151	1377205	1377525	1377851	1377909	1378619	1378795
##	0	0	0	0	0	0	0	0	0	0
##	1378802	1379621	1379841	1379979	1380240	1380781	1380850	1381160	1381311	1381361
##	0	0	0	0	0	0	0	0	0	0
##	1381645	1381702	1381746	1381911	1382021	1382034	1382232	1382959	1383090	1383922
##	0	0	0	0	0	0	0	0	0	0
##	1384057	1384434	1384571	1384635	1384934	1385690	1385745	1386143	1386219	1386617
##	0	0	0	0	0	0	0	0	0	0
##	1387226	1387503	1387813	1387887	1388192	1388352	1388404	1388455	1388776	1389215
##	0	0	0	0	0	0	0	0	0	0
##	1389376	1389505	1389609	1389749	1389784	1390059	1390078	1390123	1390234	1390315
##	0	0	0	0	0	0	0	0	0	0
##	1390362	1390567	1390594	1390619	1391235	1391334	1392112	1392580	1392620	1393102
##	0	0	0	0	0	0	0	0	0	0
##	1393509	1393818	1394221	1394481	1394695	1394769	1394935	1394957	1395804	1395936
##	0	0	0	0	0	0	0	0	0	0
##	1396432	1396952	1397061	1397432	1397974	1399368	1399719	1399825	1399830	1399867
##	0	0	0	0	0	0	0	0	0	0
##	1400322	1400327	1400420	1400510	1400583	1400670	1401042	1401245	1401985	1402054
##	0	0	0	0	0	0	0	0	0	0
##	1402096	1402710	1402822	1403499	1404395	1404732	1404899	1404923	1405137	1405231
##	0	0	0	0	0	0	0	0	0	0
##	1405293	1405315	1405340	1406119	1406277	1406296	1406397	1406947	1406992	1407157
##	0	0	0	0	0	0	0	0	0	0
##	1407368	1407456	1407471	1408047	1408077	1408105	1408218	1408265	1408595	1408652
##	0	0	0	0	0	0	0	0	0	0
##	1408818	1409017	1409064	1409601	1409615	1410495	1410951	1411500	1411530	1411694
##	0	0	0	0	0	0	0	0	0	0
##	1411711	1412883	1412949	1412986	1413561	1414164	1414405	1414412	1414450	1414463
##	0	0	0	0	0	0	0	0	0	0
##	1414623	1414963	1415633	1415887	1416026	1416057	1416062	1416067	1416179	1416366
##	0	0	0	0	0	0	0	0	0	0
##	1416433	1416734	1416841	1416970	1416988	1417064	1417513	1418154	1418771	1418801
##	0	0	0	0	0	0	0	0	0	0
##	1419091	1419187	1420218	1420443	1420717	1420943	1420976	1421376	1421586	1421687

```
##      0      0      0      0      0      0      0      0      0      0
## 1421737 1422095 1422301 1422832 1423334 1423547 1423867 1423969 1424211 1424227
##      0      0      0      0      0      0      0      0      0      0
## 1424829 1425132 1425188 1425483 1425826 1425961 1426153 1426351 1426419 1426519
##      0      0      0      0      0      0      0      0      0      0
## 1426957 1427490 1427491 1427582 1428327 1428618 1429180 1429490 1429563 1429565
##      0      0      0      0      0      0      0      0      0      0
## 1429614 1429848 1429872 1430008 1430753 1430856 1431112 1431129 1431712 1431738
##      0      0      0      0      0      0      0      0      0      0
## 1431796 1431809 1432028 1432240 1432607 1432636 1433533 1433993 1434665 1435187
##      0      0      0      0      0      0      0      0      0      0
## 1435197 1436330 1436842 1436893 1437091 1437115 1437246 1437325 1437538 1438486
##      0      0      0      0      0      0      0      0      0      0
## 1438719 1439598 1439876 1440064 1440279 1440573 1440664 1440800 1440884 1441110
##      0      0      0      0      0      0      0      0      0      0
## 1441586 1441643 1441870 1441887 1442423 1442996 1443089 1443925 1444285 1445227
##      0      0      0      0      0      0      0      0      0      0
```

```
#####
iouts<-rep(0,nrow(df)) # rows outliers - trips
jouts<-rep(0,2*ncol(df)) # columns outliers - variables
#####

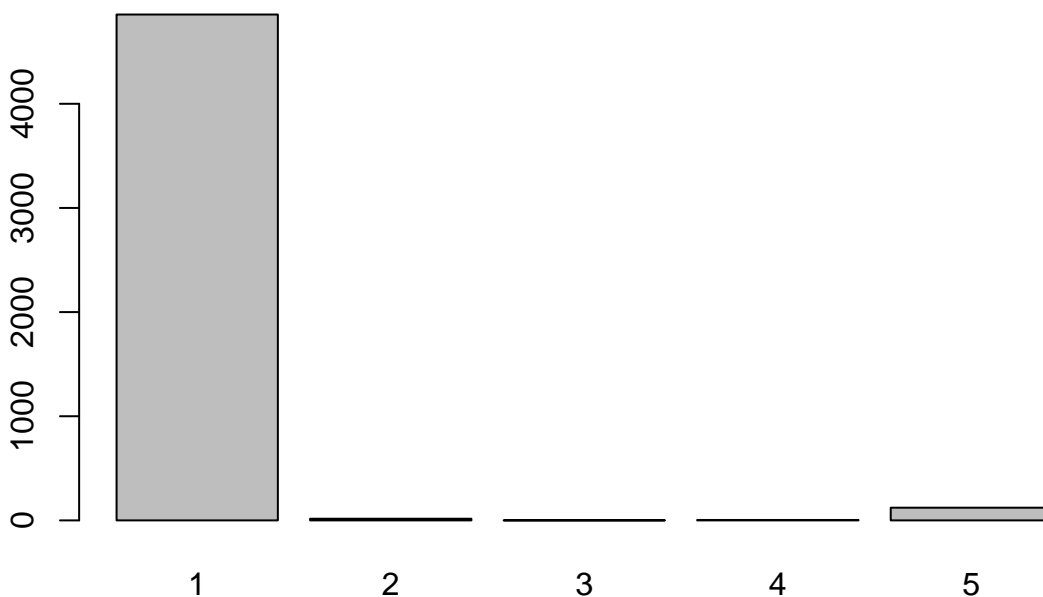
#####
ierrs<-rep(0,nrow(df)) # rows errors - trips
jerrs<-rep(0,2*ncol(df)) # columns errors - variables
#####
```

1.4 Univariant outliers and errors

```
#### Variable RateCodeID. Consider Recoding to fewer levels
summary(df$RateCodeID)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##      1.000    1.000    1.000    1.104    1.000    5.000
```

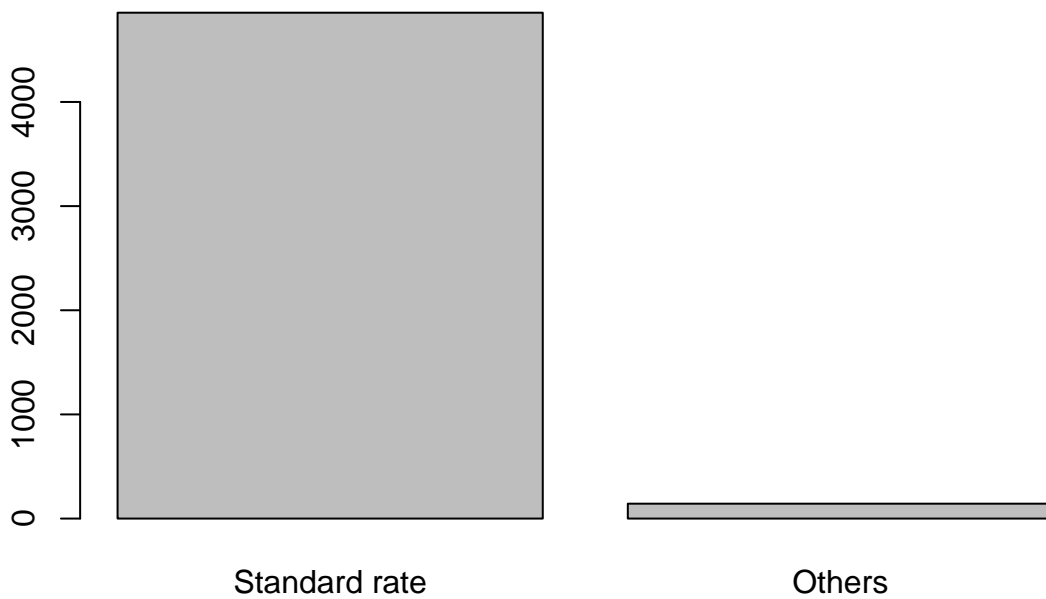
```
df$RateCodeID<-factor(df$RateCodeID)
barplot(table(df$RateCodeID))
```



```
# It is a categorical(=factor) variable NO PROBLEM but not any interest
df$RateCodeID <- df$RateCodeID != 1
df$RateCodeID <- factor(df$RateCodeID, labels=c("Standard rate","Others"))
summary(df$RateCodeID)
```

```
## Standard rate      Others
##           4857           143
```

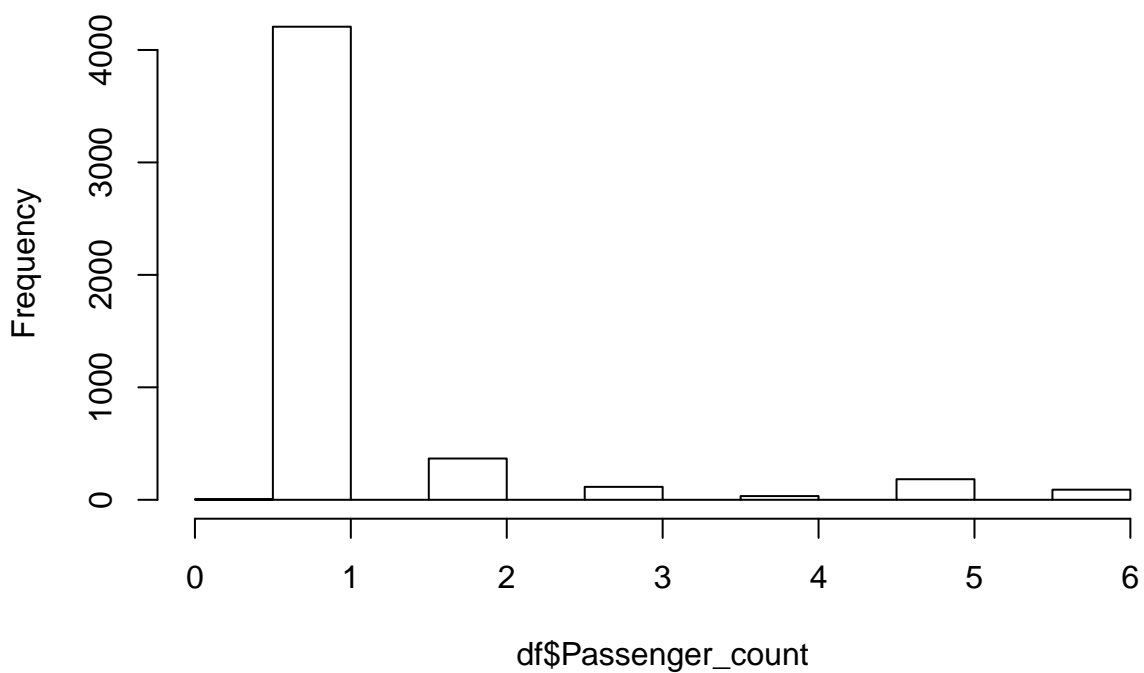
```
barplot(table(df$RateCodeID))
```



```
#Variable Passenger_count
```

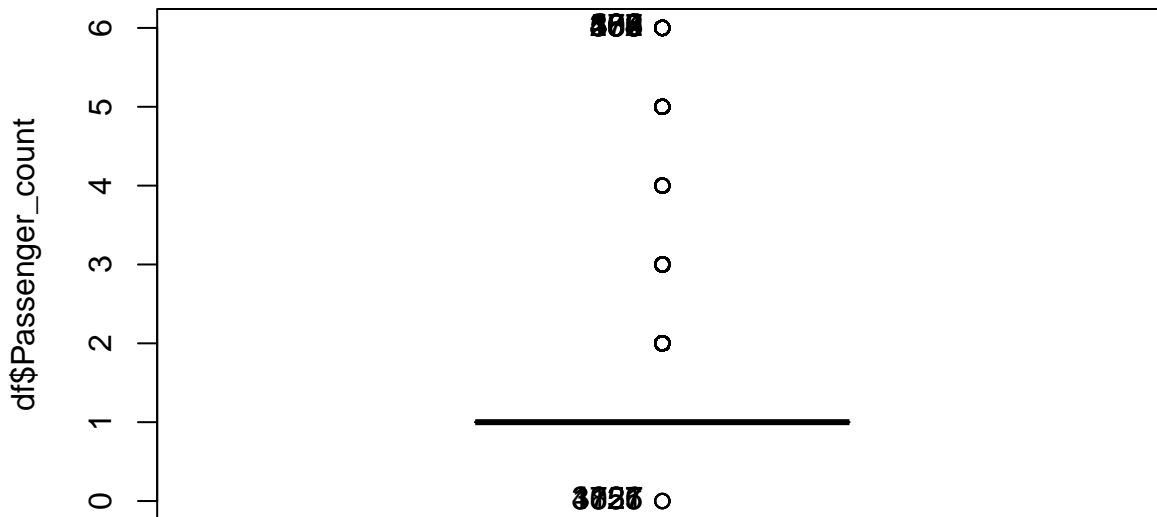
```
hist(df$Passenger_count, main="Histogram of Passenger_count")
```

Histogram of Passenger_count



```
Boxplot(df$Passenger_count, main="Boxplot of Passenger_count")
```

Boxplot of Passenger_count



```
## [1] 57 1026 3155 3821 4727 55 82 106 172 264 307 405 468 509 534
```

```
summary(df$Passenger_count)
```

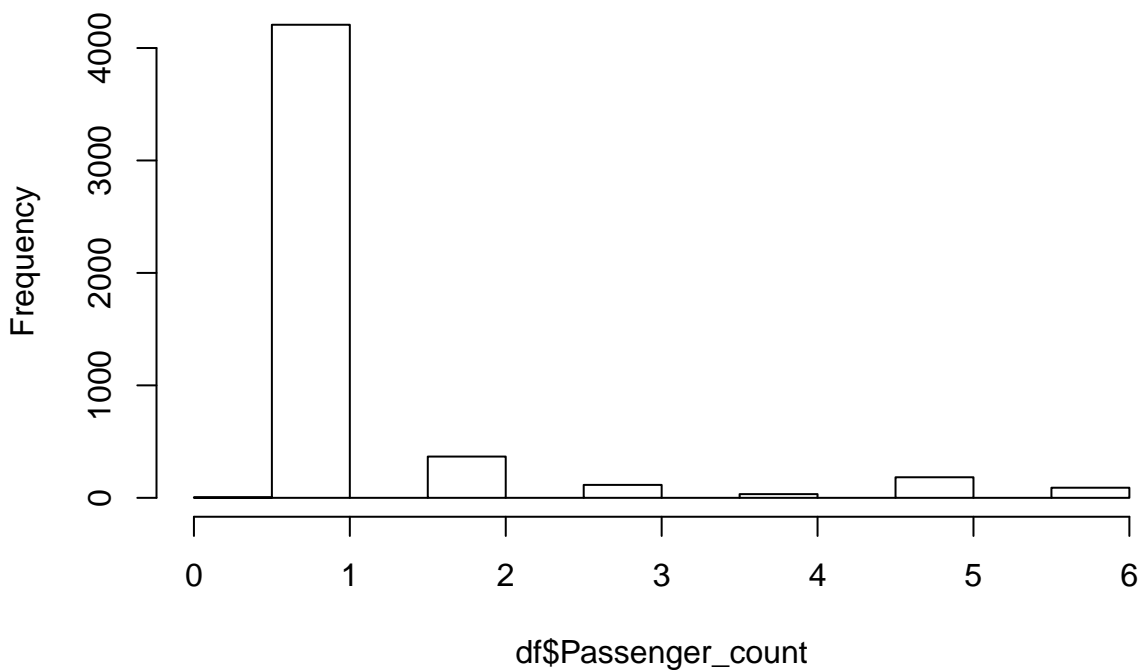
```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##  0.000   1.000   1.000   1.375   1.000   6.000
```

```
# errors
```

```
l <- which(df$Passenger_count<0)
if (length(l)>0) {
  ierrs[l]<-ierrs[l]+1
  jerrs["Passenger_count"]<-length(l)
}
df[l,"Passenger_count"]<-NA
```

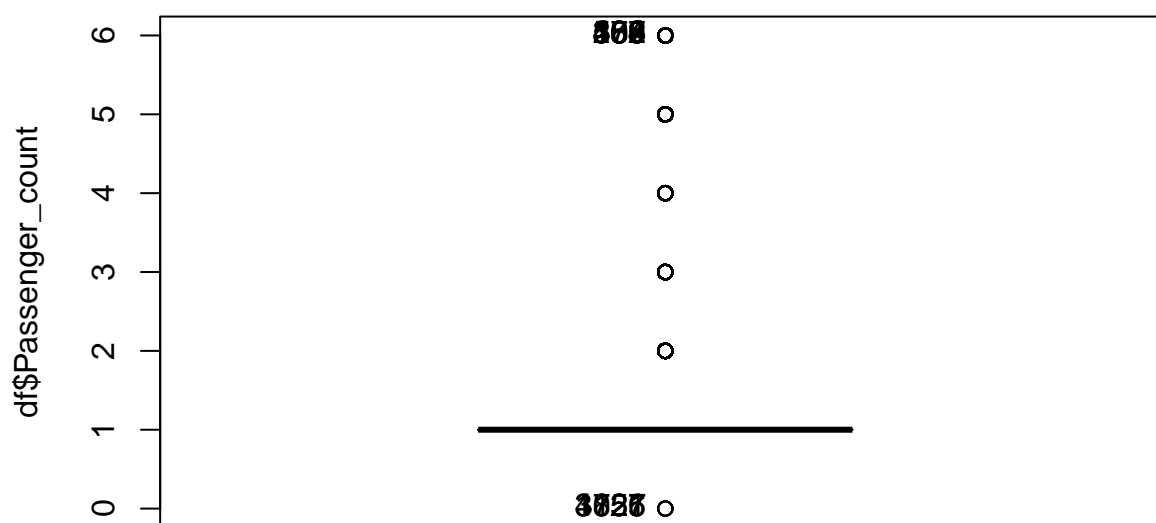
```
hist(df$Passenger_count, main="Histogram of Passenger_count")
```

Histogram of Passenger_count




```
Boxplot(df$Passenger_count, main="Boxplot of Passenger_count")
```

Boxplot of Passenger_count



```
## [1] 57 1026 3155 3821 4727 55 82 106 172 264 307 405 468 509 534
```

```
summary(df$Passenger_count)
```

```
## Min. 1st Qu. Median Mean 3rd Qu. Max.
## 0.000 1.000 1.000 1.375 1.000 6.000
```

```
#Variable Trip_distance
```

```
summary(df$Trip_distance)
```

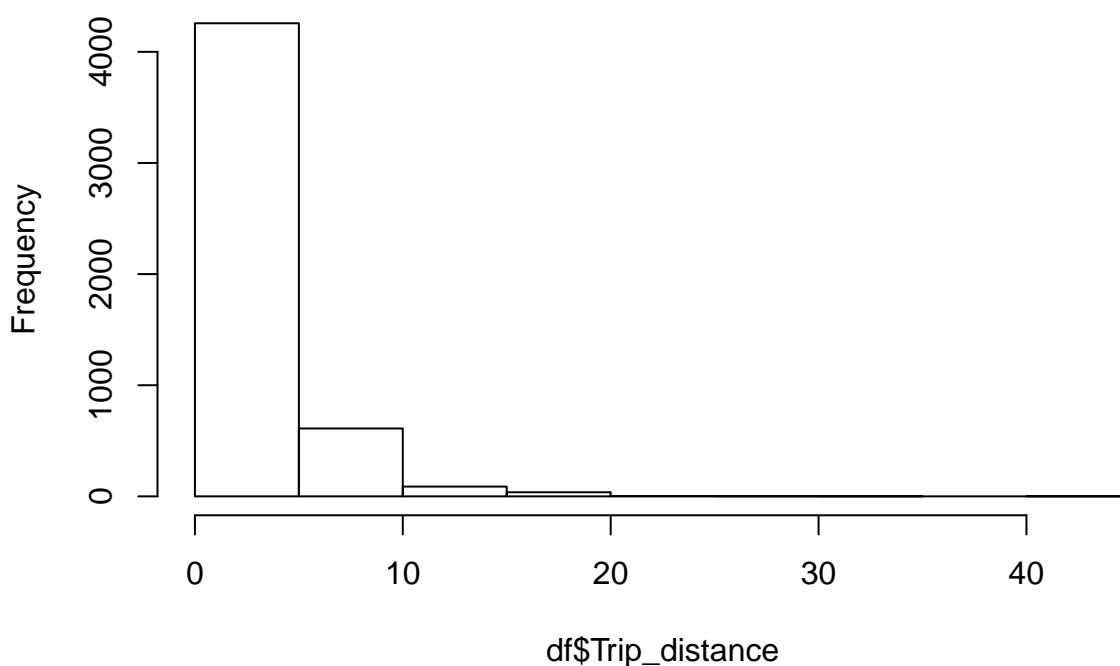
```
## Min. 1st Qu. Median Mean 3rd Qu. Max.
## 0.000 1.020 1.850 2.807 3.583 42.200
```

```
#errors ->correct
```

```
#outliers
```

```
hist(df$Trip_distance, main="Histogram of Trip_distance")
```

Histogram of Trip_distance

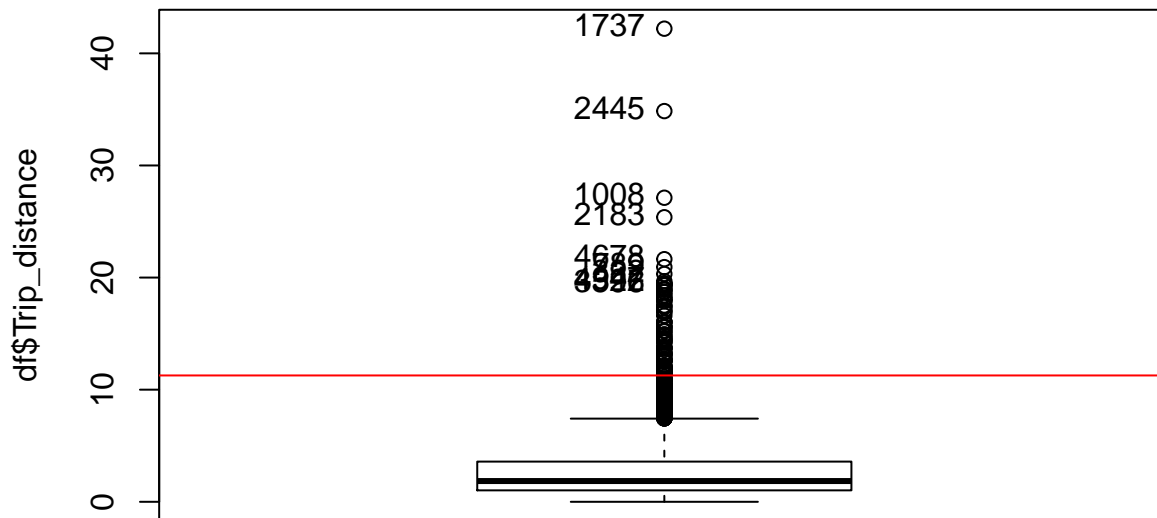


```
Boxplot(df$Trip_distance, main="Boxplot of Trip_distance")
```

```
## [1] 1737 2445 1008 2183 4678 789 322 4947 4322 3596
```

```
var_out<-calcQ(df$Trip_distance)
abline(h=var_out$souts,col="red")
abline(h=var_out$souti,col="blue")
```

Boxplot of Trip_distance



```
l<-which(df$Trip_distance>20)
iouts[l]<-iouts[l]+1
jouts["Trip_distance"]<-length(l)
```

Variable Pickup_latitude

```
summary(df$Pickup_latitude)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##      0.00   40.69   40.75   40.69   40.80   40.89
```

#0.00 looks to be an error

Seeing the individuals with this "0" value:

```
df[which(df[, "Pickup_latitude"]==0),]
```

```
##      VendorID lpep_pickup_datetime lpep_dropoff_datetime
## 406832 f.Vendor-VeriFone 2016-01-09 15:50:34 2016-01-09 15:50:36
## 606968 f.Vendor-VeriFone 2016-01-13 21:39:51 2016-01-13 21:39:51
## 725267 f.Vendor-VeriFone 2016-01-16 05:20:01 2016-01-16 05:20:03
## 875725 f.Vendor-Mobile 2016-01-19 10:49:02 2016-01-19 11:05:19
## 1005681 f.Vendor-VeriFone 2016-01-22 07:00:48 2016-01-22 07:00:50
## 1270969 f.Vendor-VeriFone 2016-01-29 00:59:10 2016-01-29 00:59:24
## 1371680 f.Vendor-Mobile 2016-01-30 18:18:51 2016-01-30 18:28:56
##      Store_and_fwd_flag RateCodeID Pickup_longitude Pickup_latitude
## 406832 FALSE Others 0 0
## 606968 FALSE Others 0 0
## 725267 FALSE Others 0 0
## 875725 FALSE Standard rate 0 0
## 1005681 FALSE Others 0 0
## 1270969 FALSE Standard rate 0 0
## 1371680 FALSE Standard rate 0 0
##      Dropoff_longitude Dropoff_latitude Passenger_count Trip_distance
## 406832 -73.76552 40.69951 2 0.0
## 606968 -73.89523 40.83012 1 0.0
## 725267 -73.81518 40.73966 1 0.0
## 875725 0.00000 0.00000 1 3.4
## 1005681 -73.89156 40.85262 1 0.0
## 1270969 -73.94579 40.67945 1 0.0
```

```
## 1371680      -73.90790      40.74529      2      1.3
##      Fare_amount Extra MTA_tax Tip_amount Tolls_amount Improvement_surcharge
## 406832      400.0    0.0    0.0    98.88      0      0.0
## 606968      11.0    0.0    0.0    0.00      0      0.0
## 725267      11.0    0.0    0.0    0.00      0      0.0
## 875725      13.5    0.0    0.5    0.00      0      0.3
## 1005681     10.0    0.0    0.0    0.00      0      0.0
## 1270969      2.5    0.5    0.5    10.00      0      0.3
## 1371680      8.0    1.0    0.5    0.00      0      0.3
##      Total_amount      Payment_type      Trip_type
## 406832      498.88 f.PayType-Credit card f.TripType-Dispatch
## 606968      11.00 f.PayType-Credit card f.TripType-Dispatch
## 725267      11.00 f.PayType-Credit card f.TripType-Dispatch
## 875725      14.30 f.PayType-Credit card f.TripType-Street-Hail
## 1005681     10.00 f.PayType-Credit card f.TripType-Dispatch
## 1270969     13.80 f.PayType-Credit card f.TripType-Street-Hail
## 1371680      9.80      f.PayType-Cash f.TripType-Street-Hail
##      lpep_pickup_date lpep_pickup_time lpep_dropoff_date lpep_dropoff_time
## 406832     2016-01-09      15:50:34     2016-01-09      15:50:36
## 606968     2016-01-13      21:39:51     2016-01-13      21:39:51
## 725267     2016-01-16      05:20:01     2016-01-16      05:20:03
## 875725     2016-01-19      10:49:02     2016-01-19      11:05:19
## 1005681    2016-01-22      07:00:48     2016-01-22      07:00:50
## 1270969    2016-01-29      00:59:10     2016-01-29      00:59:24
## 1371680    2016-01-30      18:18:51     2016-01-30      18:28:56
```

```
# It is a quantitative variable Non-possible values will be recoded to NA
sel<-which(df$Pickup_latitude ==0)
ierrs[sel]<-ierres[sel]+1
jerrs["Pickup_latitude"]<-length(sel)
sel      #### sel contains the rownames of the individuals with "0"
```

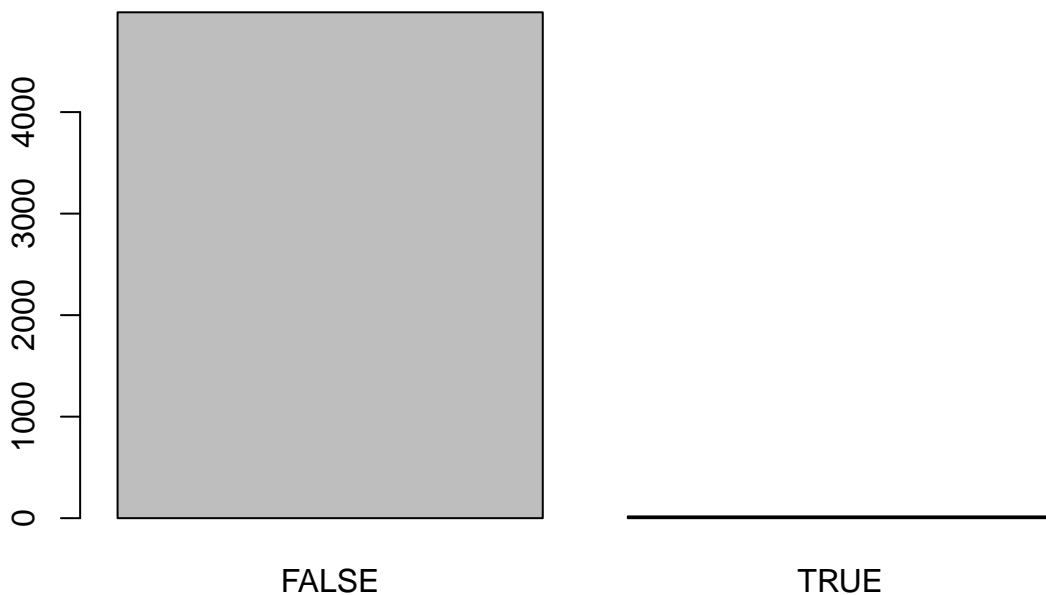
```
## [1] 1393 2111 2527 3038 3513 4415 4731
```

```
# as value for longitude
df[sel,"Pickup_latitude"]<-NA # non-possible values are replaced by NA, missing value symbol in R
```

```
#### Variable Store_and_fwd_flag
summary(df$Store_and_fwd_flag)
```

```
##      Mode      FALSE      TRUE
## logical    4983      17
```

```
df$Store_and_fwd_flag<-factor(df$Store_and_fwd_flag)
barplot(table(df$Store_and_fwd_flag))
```



It is a categorical(=factor) variable NO PROBLEM but not any interest

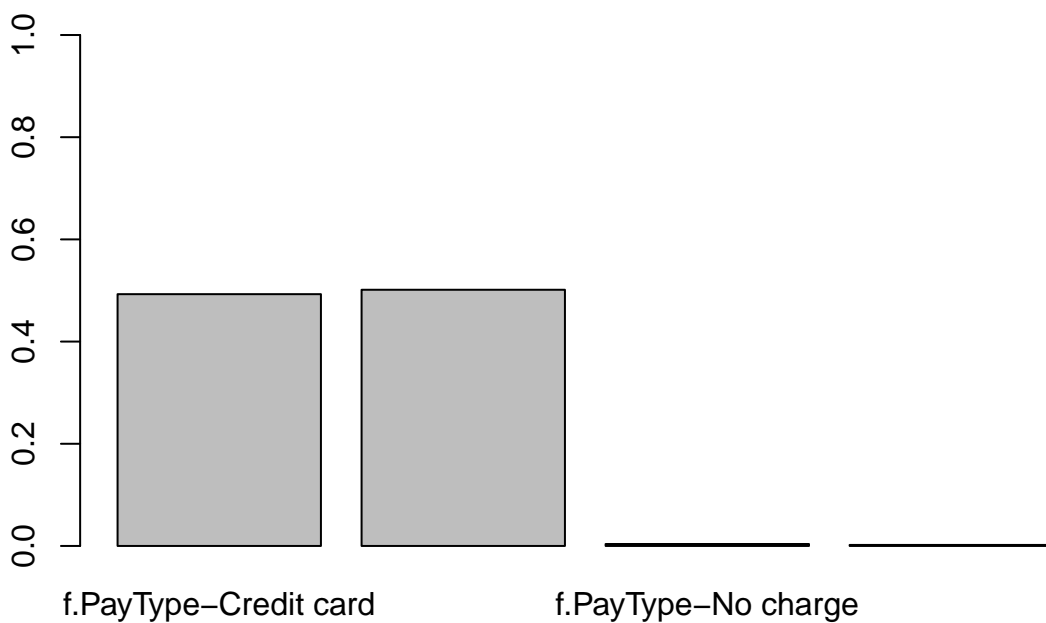
```
### Variable Payment_type
summary(df$Payment_type)
```

```
## f.PayType-Credit card      f.PayType-Cash    f.PayType-No charge
##                2464                2507                19
##    f.PayType-Dispute
##                10
```

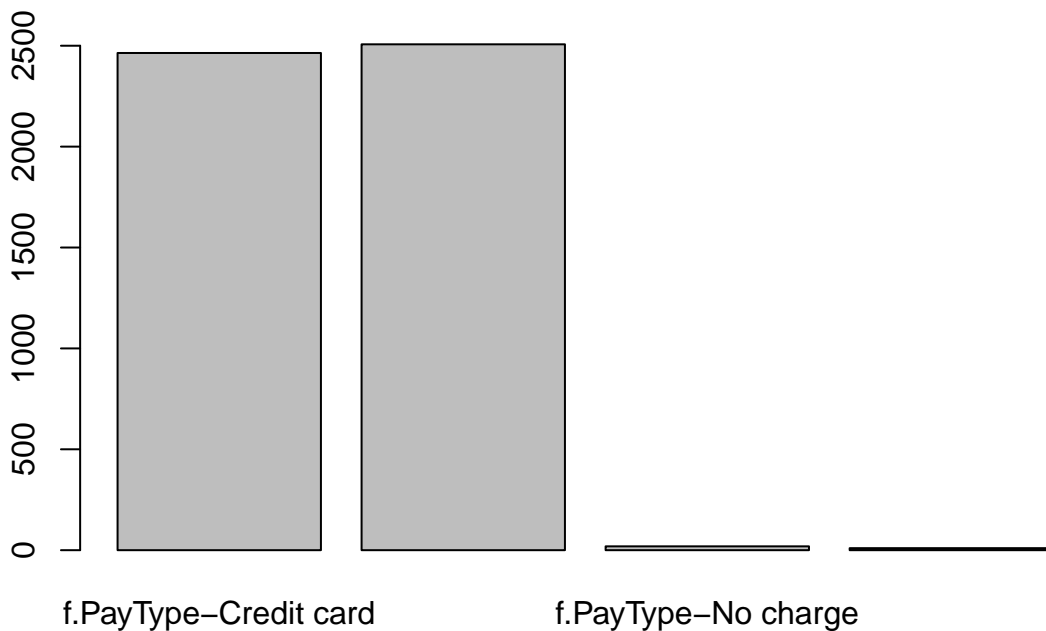
```
frequency <- summary(df$Payment_type)
frequency <- frequency/sum(frequency)
frequency
```

```
## f.PayType-Credit card      f.PayType-Cash    f.PayType-No charge
##                0.4928                0.5014                0.0038
##    f.PayType-Dispute
##                0.0020
```

```
barplot(frequency,ylim=c(0,1))
```



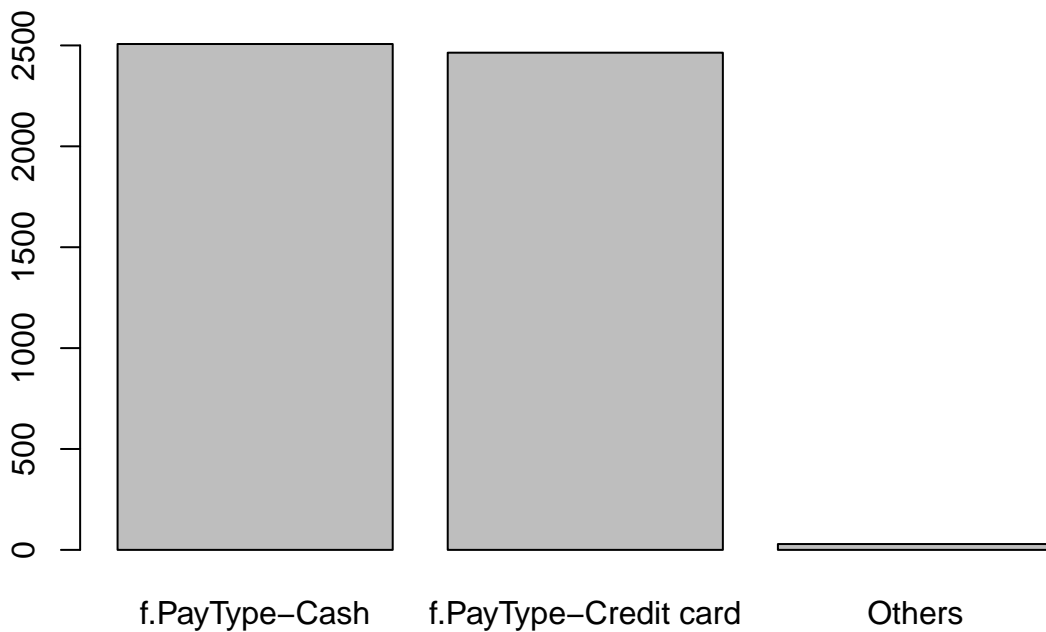
```
barplot(table(df$Payment_type))
```



```
l <- which(df$Payment_type != "f.PayType-Credit card" & df$Payment_type != "f.PayType-Cash" )
df$Payment_type <- as.character(df$Payment_type)
df[l,"Payment_type"] <- "Others"
df$Payment_type <- as.factor(df$Payment_type )
summary(df$Payment_type)
```

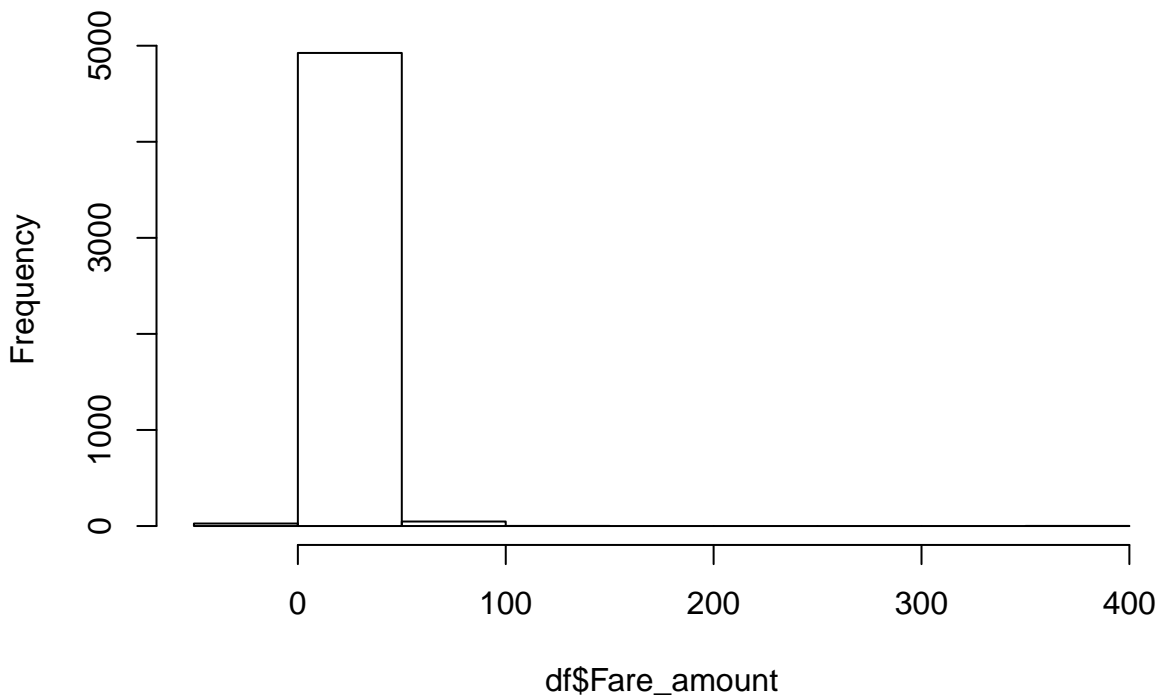
```
##          f.PayType-Cash f.PayType-Credit card          Others
##                2507                2464                29
```

```
barplot(table(df$Payment_type))
```



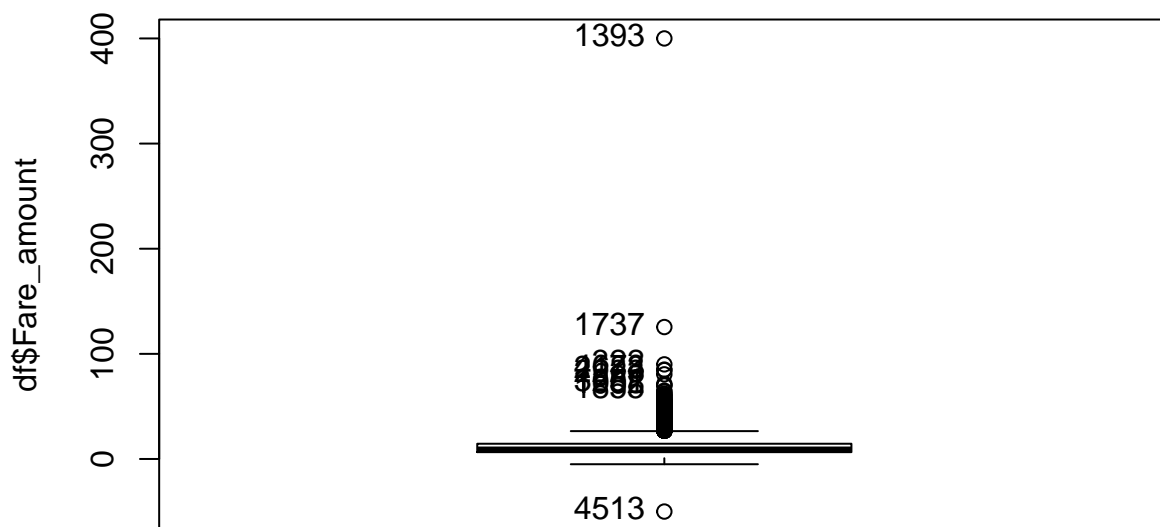
```
## Variable Fare_amount
hist(df$Fare_amount, main="Histogram of Fare_amount")
```

Histogram of Fare_amount



```
Boxplot(df$Fare_amount, main="Boxplot of Fare_amount")
```

Boxplot of Fare_amount



```
## [1] 4513 1393 1737 322 4678 2183 2223 3251 1008 1982 1855
```

```
summary(df$Fare_amount)
```

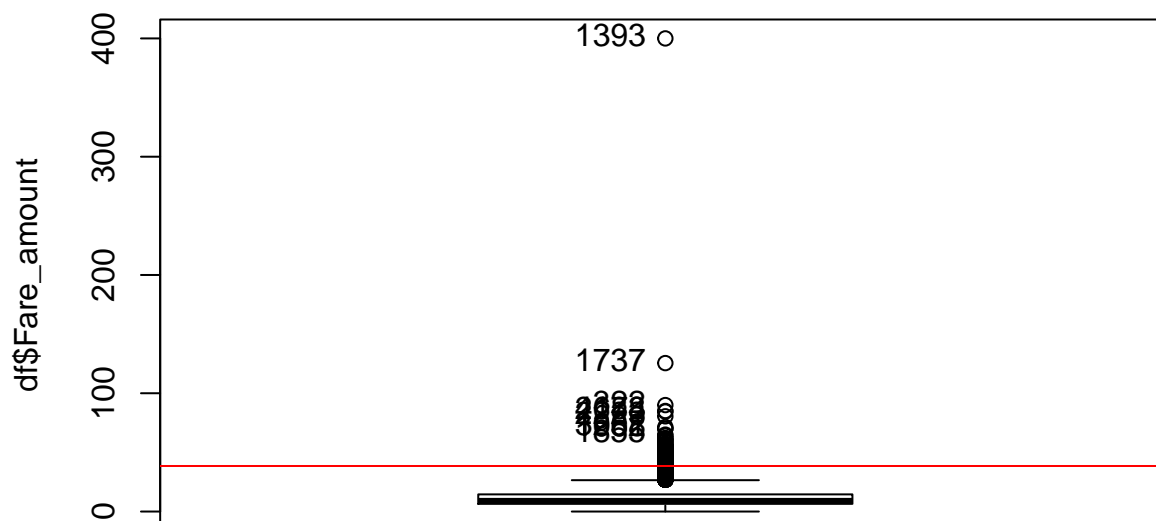
```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## -50.00   6.50    9.00   12.09  14.50   400.00
```

```
# errors
l <- which(df$Fare_amount<0)
if (length(l)>0) {
  ierrs[l]<-ierres[l]+1
  jerrs["Fare_amount"]<-length(l)
}
df[l, "Fare_amount"]<-NA
```

```
# Outlier detection
Boxplot(df$Fare_amount)
```

```
## [1] 1393 1737 322 4678 2183 2223 3251 1008 1982 1855
```

```
var_out<-calcQ(df$Fare_amount)
abline(h=var_out$souts,col="red")
abline(h=var_out$souti,col="blue")
```



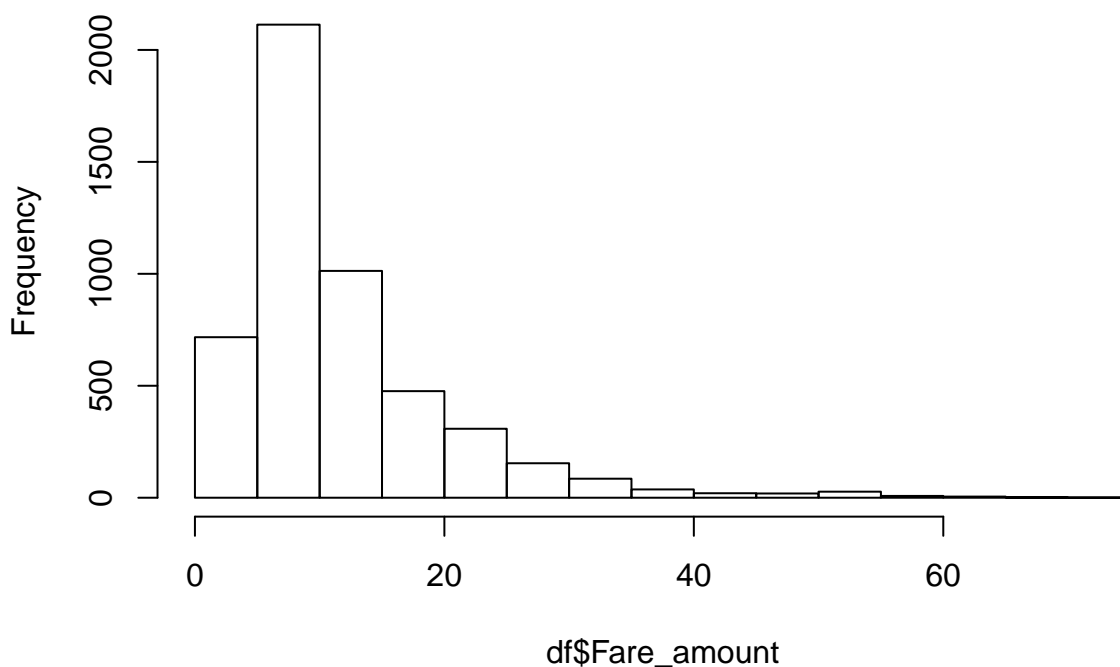
```
var_out$souts
```

```
## 3rd Qu.
## 38.5
```

```
l <-which(df$Fare_amount>80)
iouts[l ]<-iouts[l]+1
jouts["Fare_amount"]<-length(l)
df[l,"Fare_amount"]<-NA
```

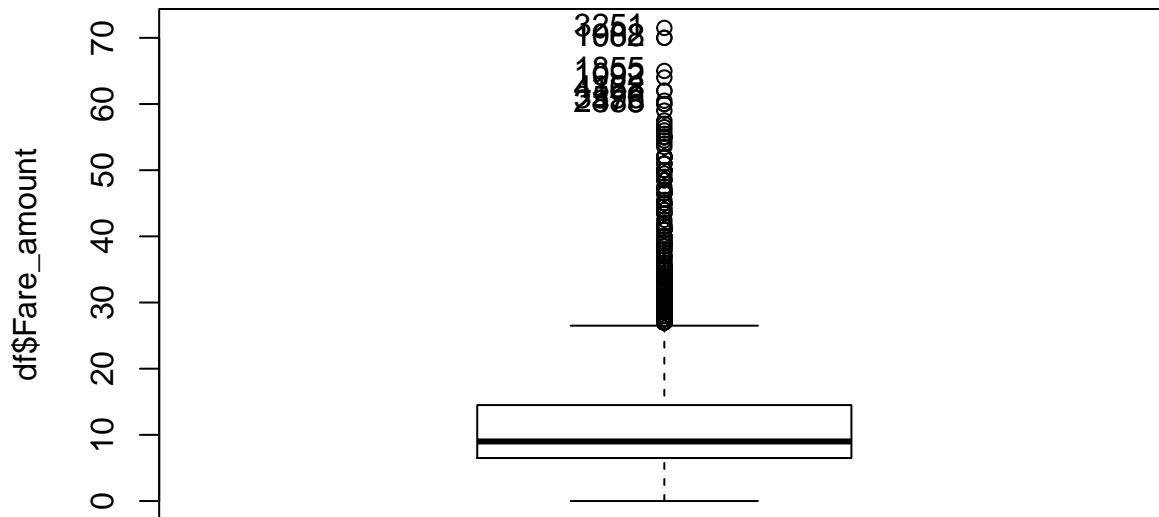
```
hist(df$Fare_amount, main="Histogram of Fare_amount")
```

Histogram of Fare_amount



```
Boxplot(df$Fare_amount, main="Boxplot of Fare_amount")
```

Boxplot of Fare_amount



```
## [1] 3251 1008 1982 1855 1092 4168 4322 3596 2473 2888
```

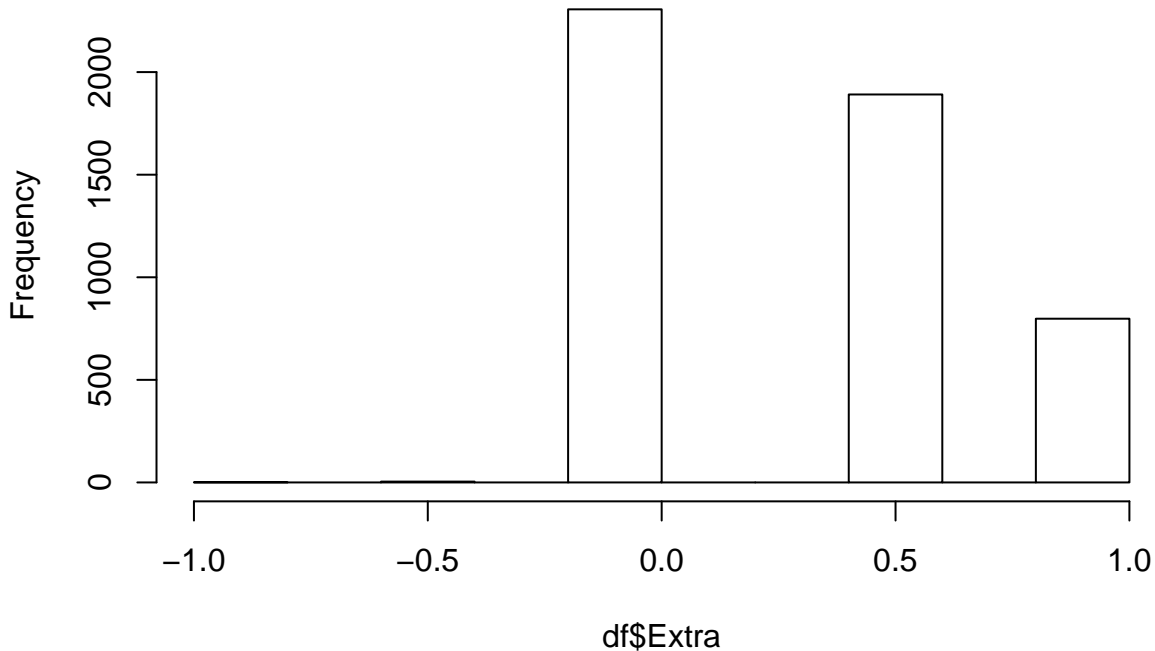
```
summary(df$Fare_amount)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.   NA's
##      0.00   6.50    9.00   11.97  14.50   71.50    15
```

```
## Variable Extra
```

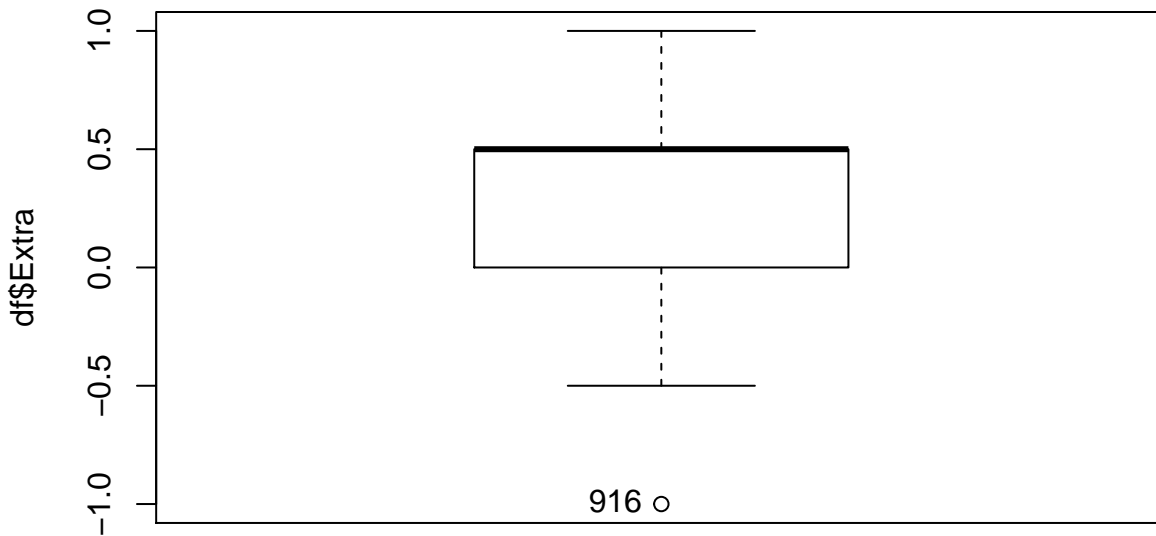
```
hist(df$Extra, main="Histogram of Extra")
```

Histogram of Extra



```
Boxplot(df$Extra, main="Boxplot of Extra")
```


Boxplot of Extra



```
## [1] 916
```

```
summary(df$Extra)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## -1.0000  0.0000  0.5000  0.3481  0.5000  1.0000
```

```
# errors
```

```
l <- which(df$Extra<0)
```

```
if (length(l)>0) {
```

```
  ierrs[l]<-ierrs[l]+1
```

```
  jerrs["Extra"]<-length(l)
```

```
}
```

```
df[l,"Extra"]<-NA
```

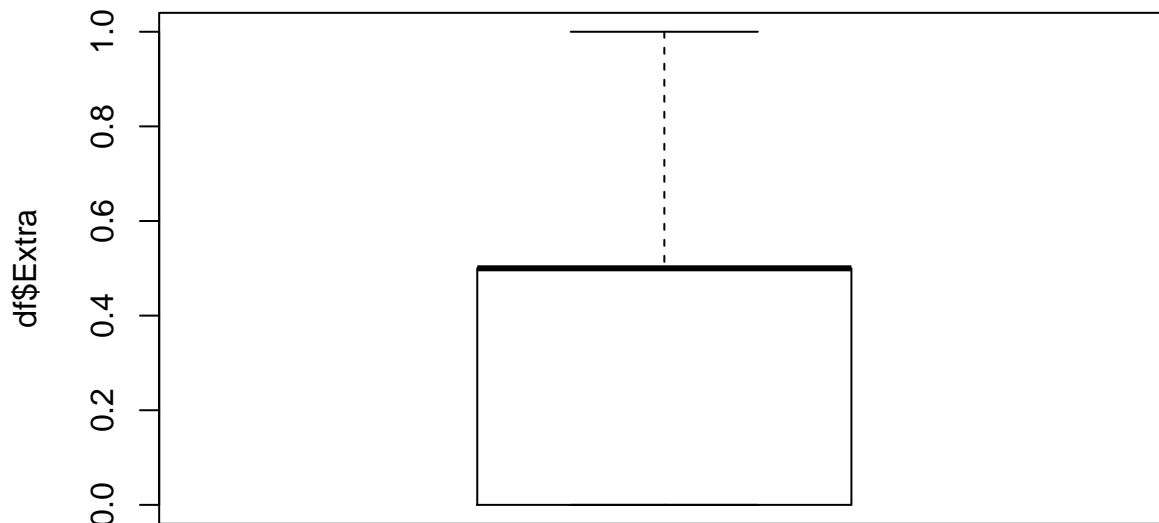
```
# Outlier detection
```

```
Boxplot(df$Extra)
```

```
var_out<-calcQ(df$Extra)
```

```
abline(h=var_out$souts,col="red")
```

```
abline(h=var_out$souti,col="blue")
```



```
var_out$souts
```

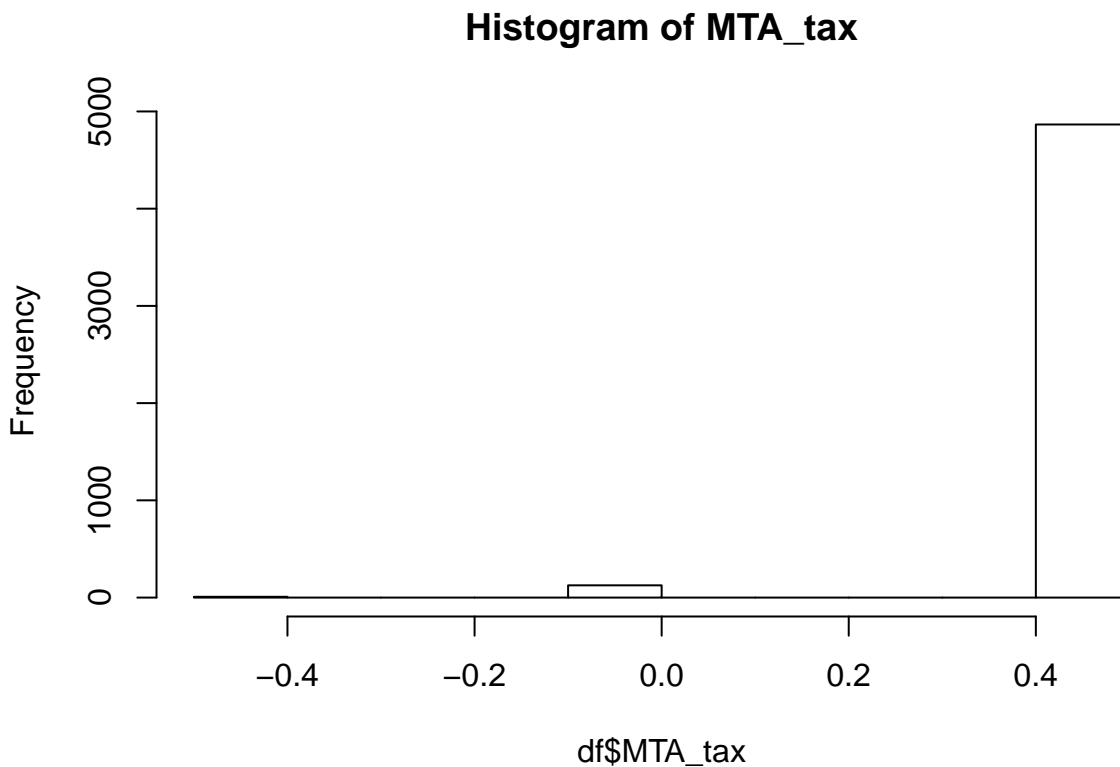
```
## 3rd Qu.
```

```
##      2
```

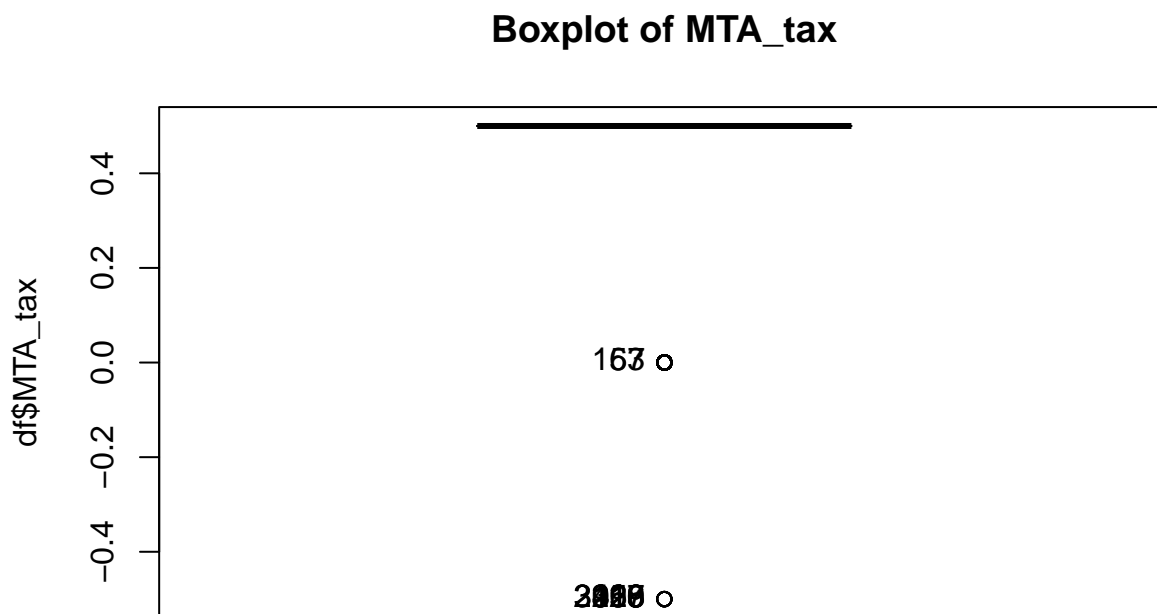
```
#No outliers
```

```
### Variable MTA_tax
```

```
hist(df$MTA_tax, main="Histogram of MTA_tax")
```



```
Boxplot(df$MTA_tax, main="Boxplot of MTA_tax")
```



```
## [1] 150 229 313 916 2097 2466 3128 3319 57 163
```

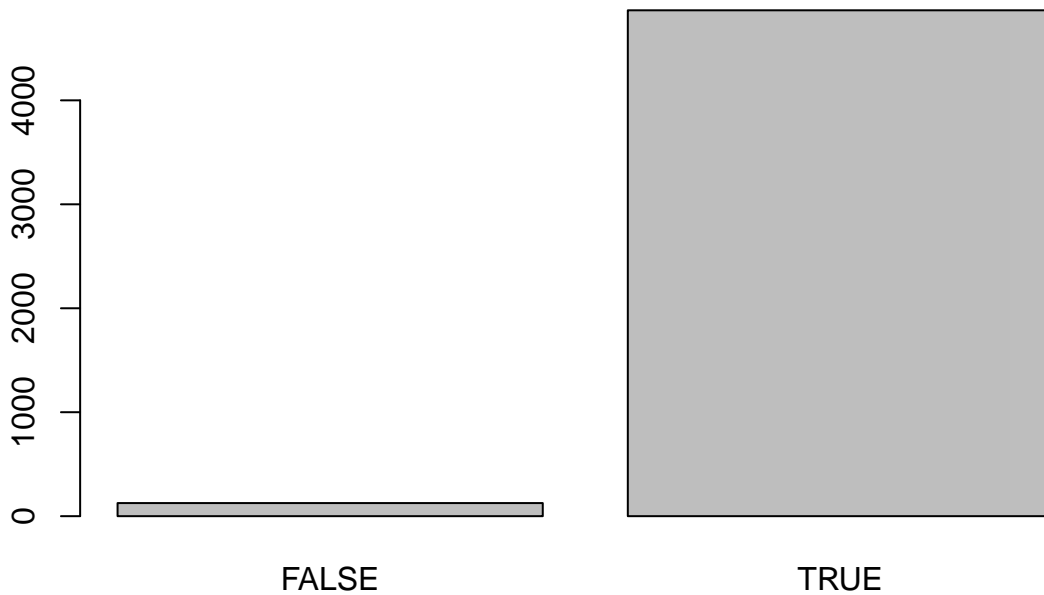
```
summary(df$MTA_tax)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## -0.5000  0.5000  0.5000  0.4858  0.5000  0.5000
```

```
# errors
```

```
l <- which(df$MTA_tax<0)
if (length(l)>0) {
  ierrs[l]<-ierrs[l]+1
  jerrs["MTA_tax"]<-length(l)
}
df[l,"MTA_tax"]<-NA
```

```
df[, "MTA_tax"] <- df[, "MTA_tax"] == 0.5
barplot(table(df[, "MTA_tax"]))
```



```
summary(df[, "MTA_tax"] )
```

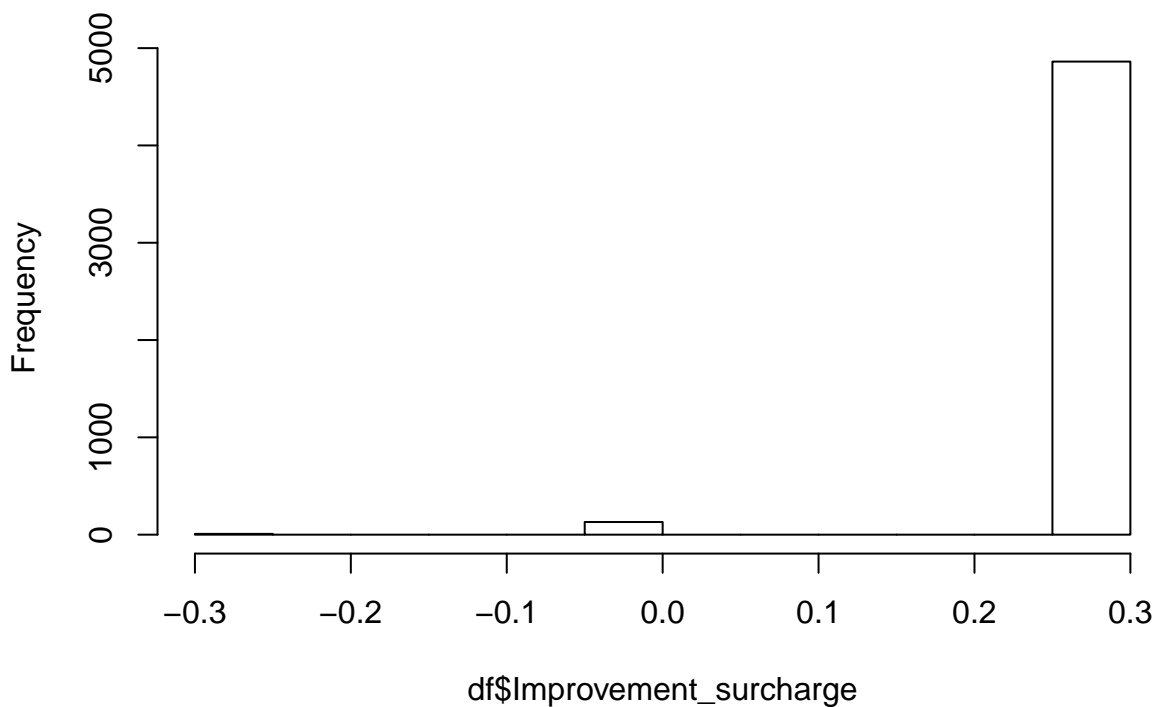
```
##      Mode   FALSE    TRUE   NA's
## logical    126    4866     8
```

#it is not a useful information because in theory it is always 0.5\$.

Variable Improvement_surcharge

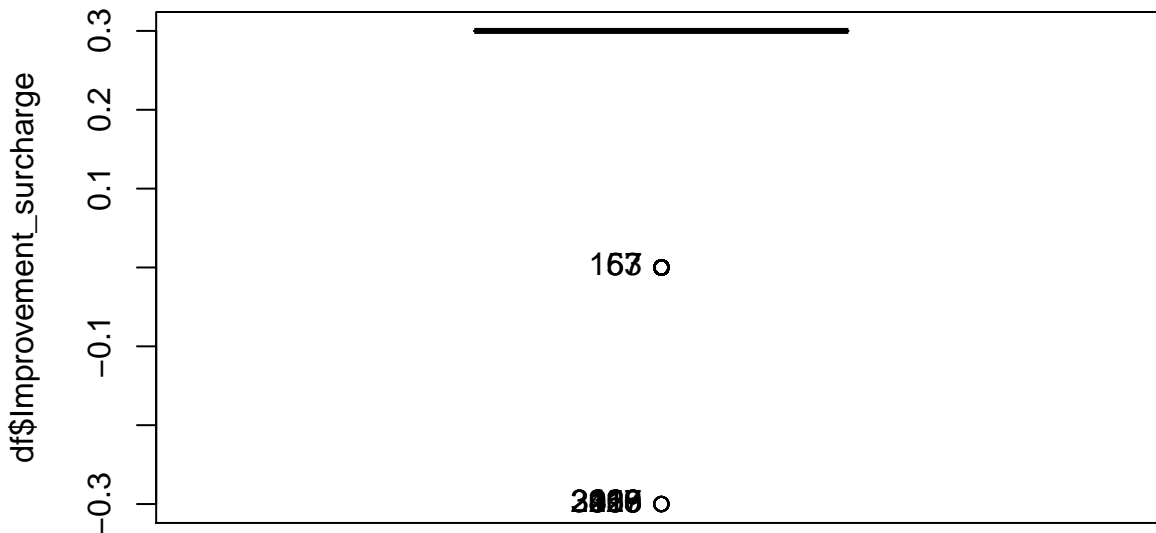
```
hist(df$Improvement_surcharge, main="Histogram of Improvement_surcharge")
```

Histogram of Improvement_surcharge



```
Boxplot(df$Improvement_surcharge, main="Boxplot of Improvement_surcharge")
```

Boxplot of Improvement_surcharge



```
## [1] 150 229 313 916 2097 2466 3128 3319 57 163
```

```
summary(df$Improvement_surcharge)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## -0.3000  0.3000  0.3000  0.2912  0.3000  0.3000
```

```
# errors
```

```
l <- which(df$Improvement_surcharge<0)
```

```
if (length(l)>0) {
```

```
  ierrs[l]<-ierrs[l]+1
```

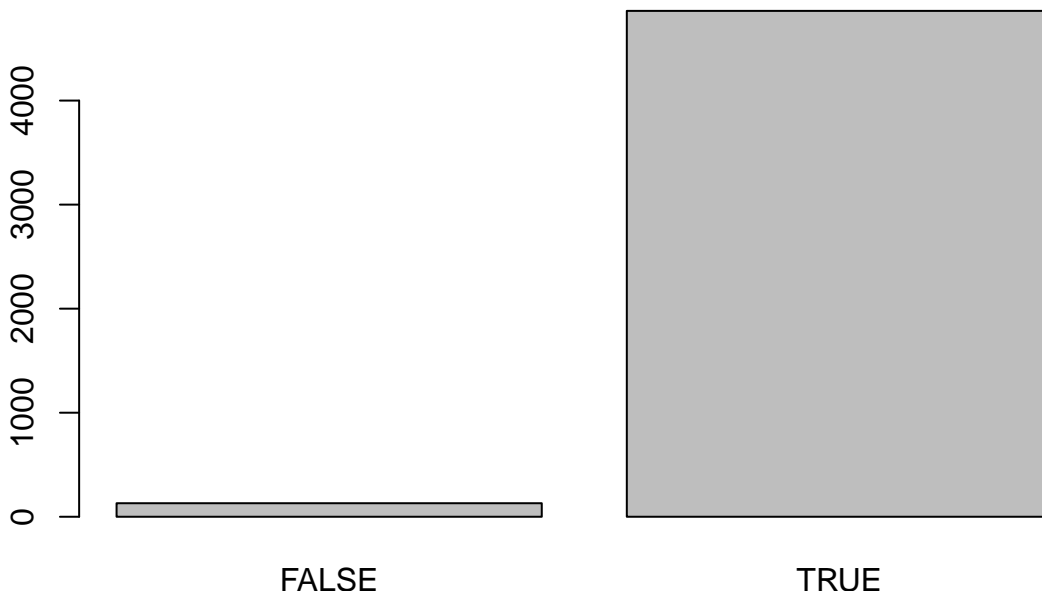
```
  jerrs["Improvement_surcharge"]<-length(l)
```

```
}
```

```
df[l,"Improvement_surcharge"]<-NA
```

```
df[, "Improvement_surcharge"] <- df[, "Improvement_surcharge"] == 0.3
```

```
barplot(table(df[, "Improvement_surcharge"]))
```



```
summary(df[, "Improvement_surcharge"] )
```

```
##      Mode  FALSE    TRUE   NA's
```

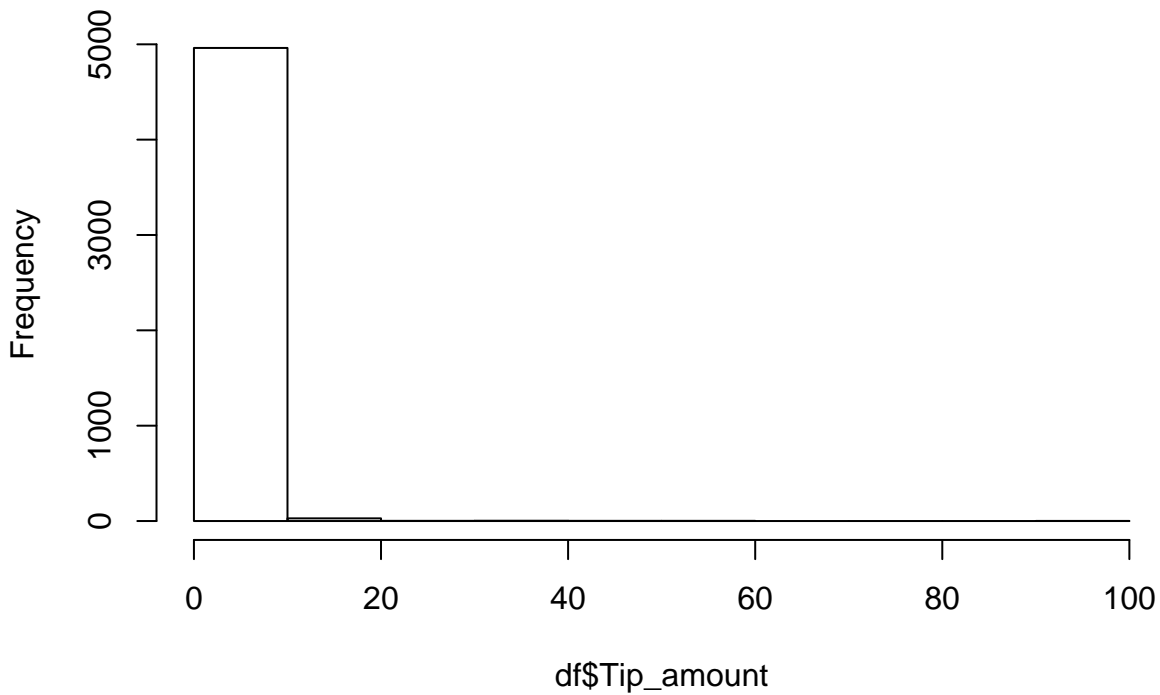
```
## logical    130   4862     8
```

```
#it is not a useful information because in theory it is always 0.3$.
```

```
# Variable Tip_amount
```

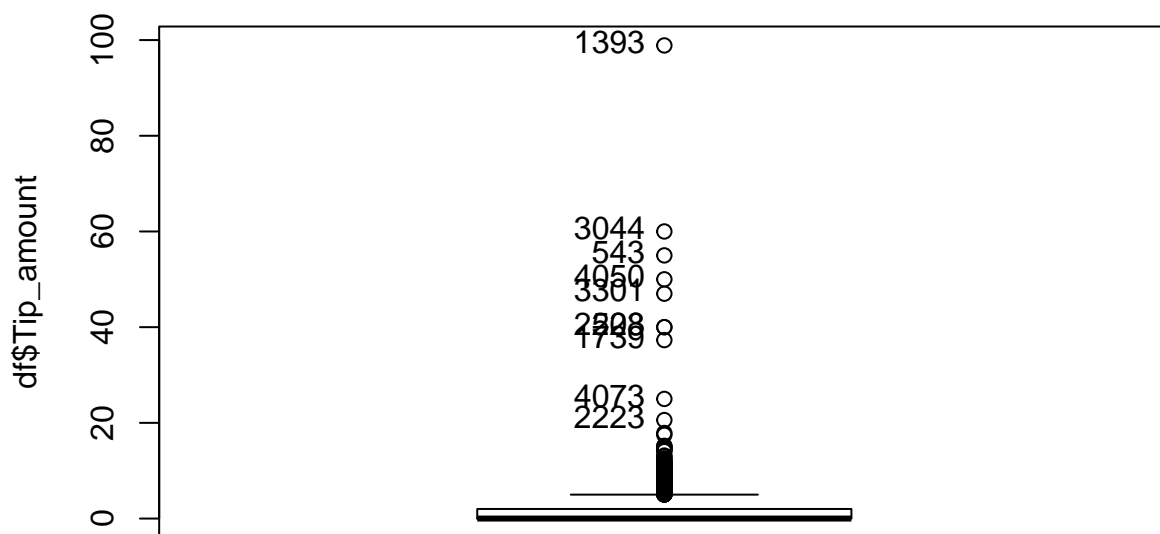
```
hist(df$Tip_amount, main="Histogram of Tip_amount")
```

Histogram of Tip_amount



```
Boxplot(df$Tip_amount, main="Boxplot of Tip_amount")
```

Boxplot of Tip_amount



```
## [1] 1393 3044 543 4050 3301 503 2228 1739 4073 2223
```

```
summary(df$Tip_amount)
```

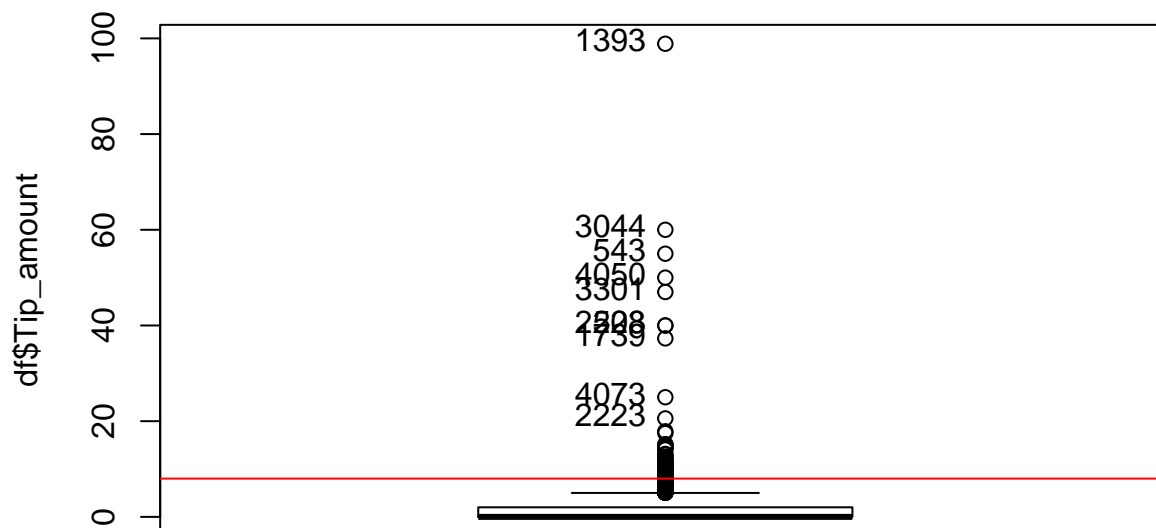
```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##      0.000  0.000   0.000   1.319   2.000  98.880
```

```
# errors
l <- which(df$Tip_amount<0)
if (length(l)>0) {
  ierrs[l]<-ierres[l]+1
  jerrs["Tip_amount"]<-length(l)
}
df[l,"Tip_amount"]<-NA
```

```
# Outlier detection
Boxplot(df$Tip_amount)
```

```
## [1] 1393 3044 543 4050 3301 503 2228 1739 4073 2223
```

```
var_out<-calcQ(df$Tip_amount)
abline(h=var_out$souts,col="red")
abline(h=var_out$souti,col="blue")
```



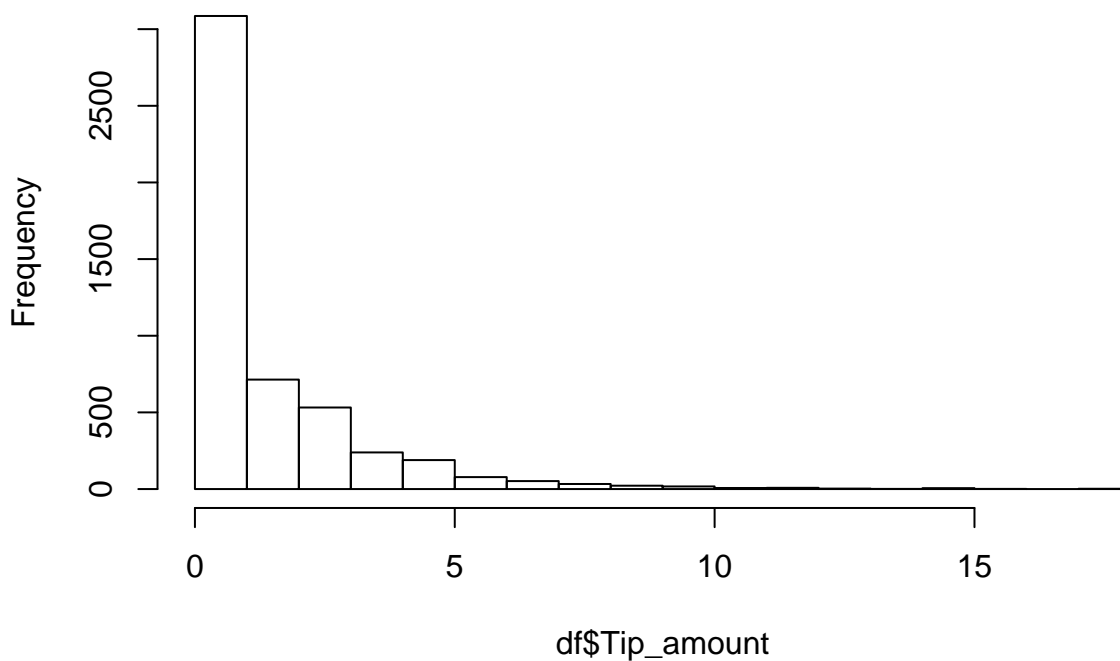
```
var_out$souts
```

```
## 3rd Qu.
##      8
```

```
l <-which(df$Tip_amount>20)
iouts[l ]<-iouts[l]+1
jouts["Tip_amount"]<-length(l)
df[l,"Tip_amount"]<-NA
```

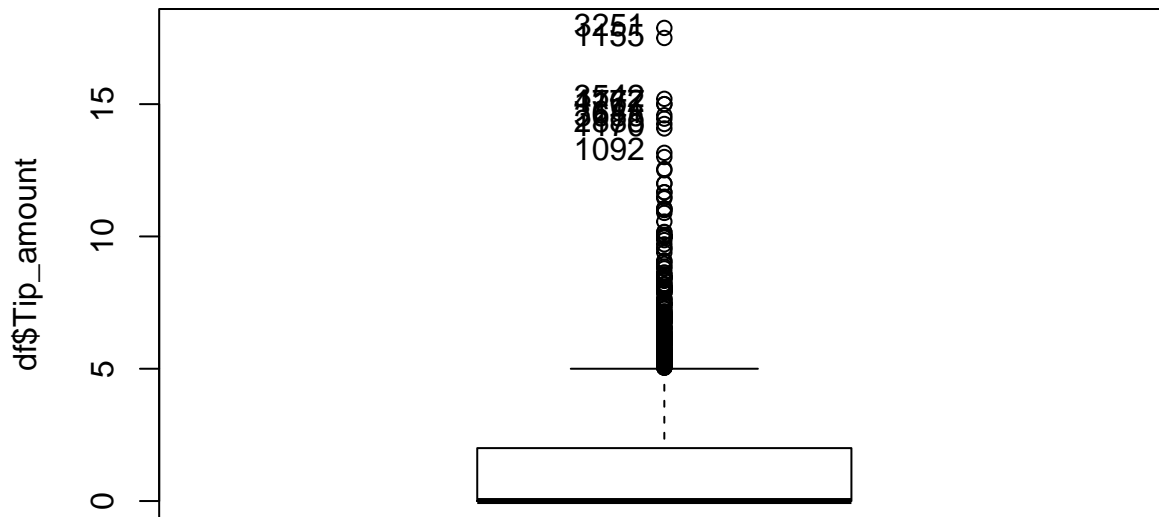
```
hist(df$Tip_amount, main="Histogram of Tip_amount")
```

Histogram of Tip_amount



```
Boxplot(df$Tip_amount, main="Boxplot of Tip_amount")
```

Boxplot of Tip_amount



```
## [1] 3251 1155 3542 1777 4162 611 3688 2888 1170 1092
```

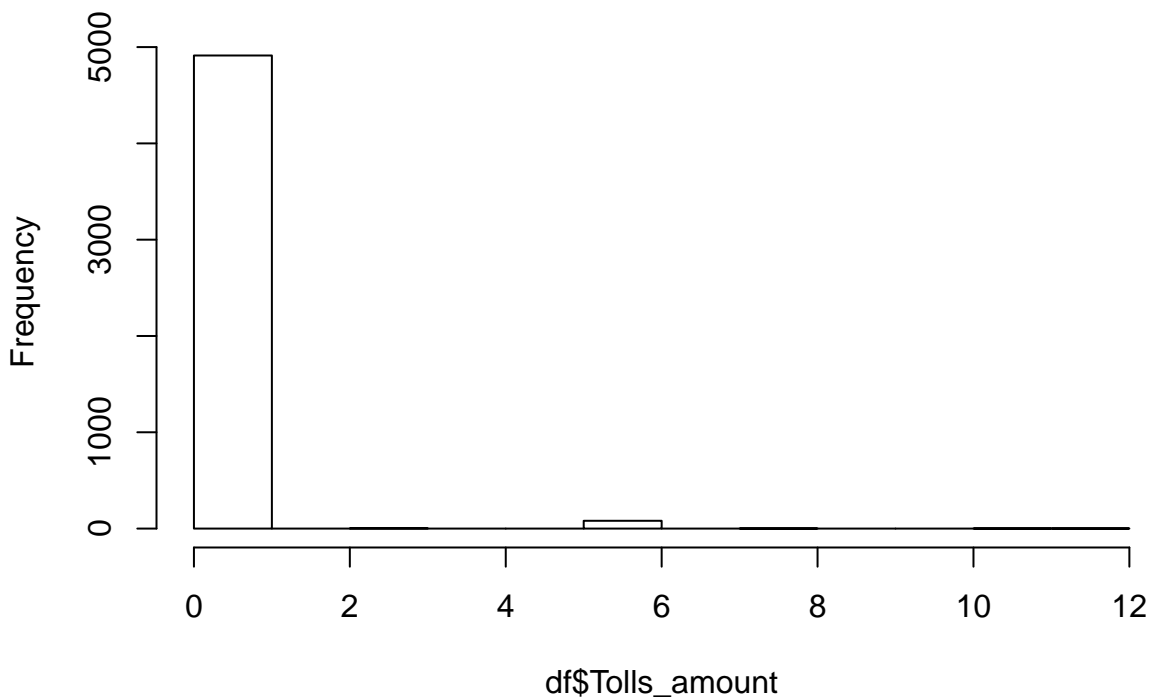
```
summary(df$Tip_amount)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.   NA's
##      0.000  0.000   0.000   1.227  2.000  17.880     10
```

```
### Variable Tolls_amount
```

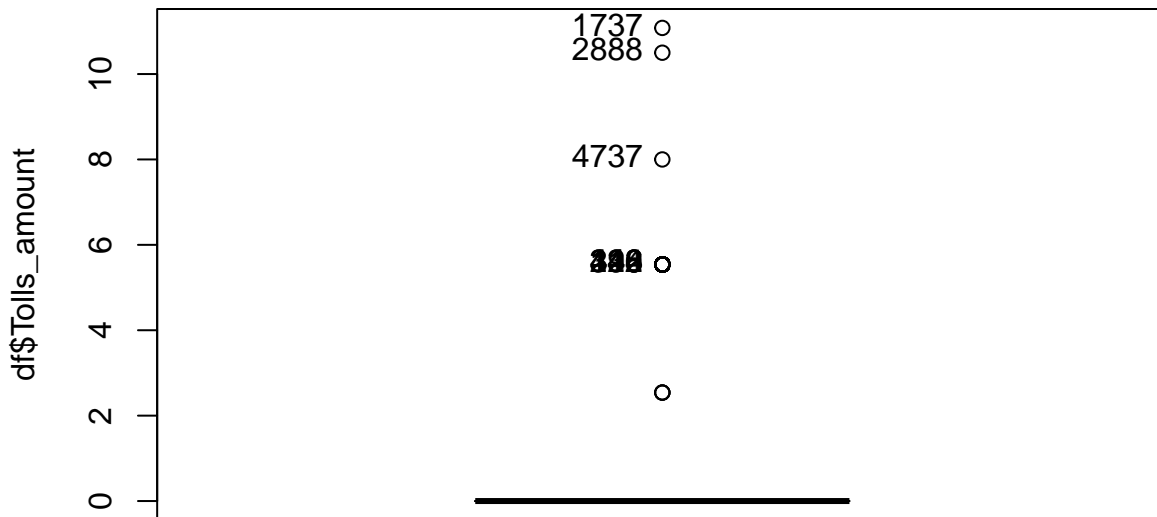
```
hist(df$Tolls_amount, main="Histogram of Tolls_amount")
```

Histogram of Tolls_amount



```
Boxplot(df$Tolls_amount, main="Boxplot of Tolls_amount")
```

Boxplot of Tolls_amount



```
## [1] 1737 2888 4737 132 140 296 322 346 414 448
```

```
summary(df$Tolls_amount)
```

```
##      Min. 1st Qu.  Median     Mean 3rd Qu.    Max.
## 0.00000 0.00000 0.00000 0.09719 0.00000 11.08000
```

```
# errors
```

```
l <- which(df$Tolls_amount<0)
```

```
if (length(l)>0) {
```

```
  ierrs[l]<-ierrs[l]+1
```

```
  jerrs["Tolls_amount"]<-length(l)
```

```
}
```

```
df[l,"Tolls_amount"]<-NA
```

```
# Outlier detection
```

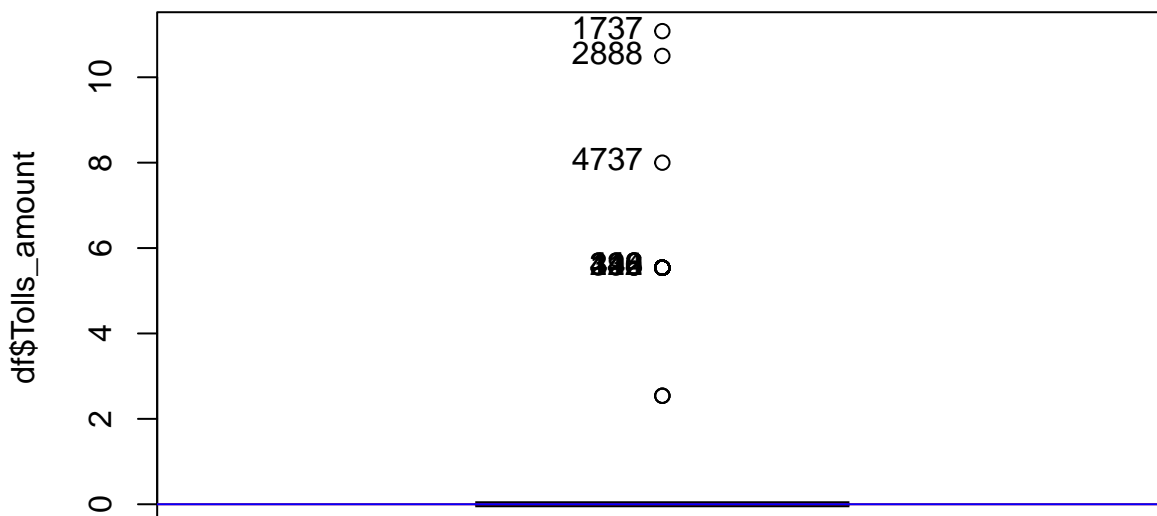
```
Boxplot(df$Tolls_amount)
```

```
## [1] 1737 2888 4737 132 140 296 322 346 414 448
```

```
var_out<-calcQ(df$Tolls_amount)
```

```
abline(h=var_out$souts,col="red")
```

```
abline(h=var_out$souti,col="blue")
```



```
var_out$souts
```

```
## 3rd Qu.
```

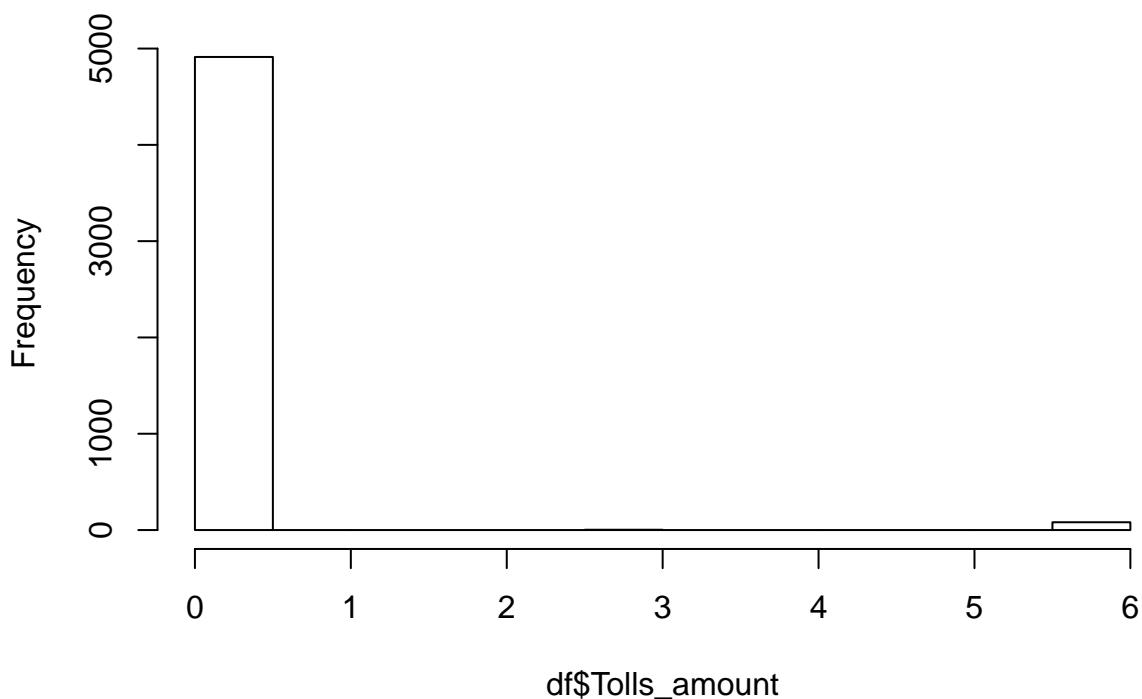
```
##      0
```



```
l <-which(df$Tolls_amount>7)
iouts[l ]<-iouts[l]+1
jouts["Tolls_amount"]<-length(l)
df[l,"Tolls_amount"]<-NA

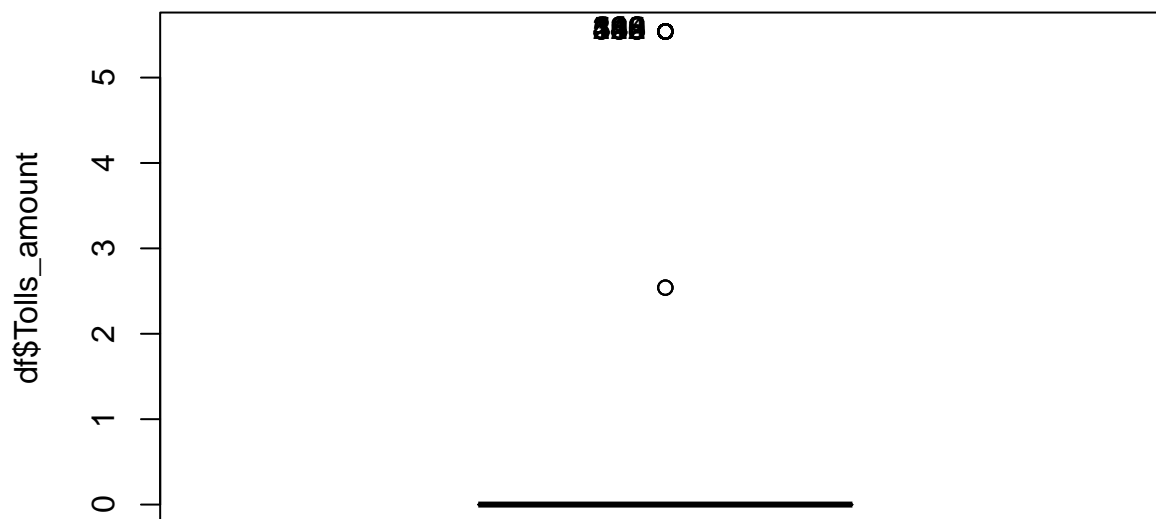
hist(df$Tolls_amount, main="Histogram of Tolls_amount")
```

Histogram of Tolls_amount



```
Boxplot(df$Tolls_amount, main="Boxplot of Tolls_amount")
```

Boxplot of Tolls_amount



```
## [1] 132 140 296 322 346 414 448 569 585 588
```

```
summary(df$Tolls_amount)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.     NA's
## 0.00000 0.00000 0.00000 0.09133 0.00000 5.54000         3
```

```
### Variable Total_amount
```

```
#errors
```

```
summary(df$Total_amount)
```

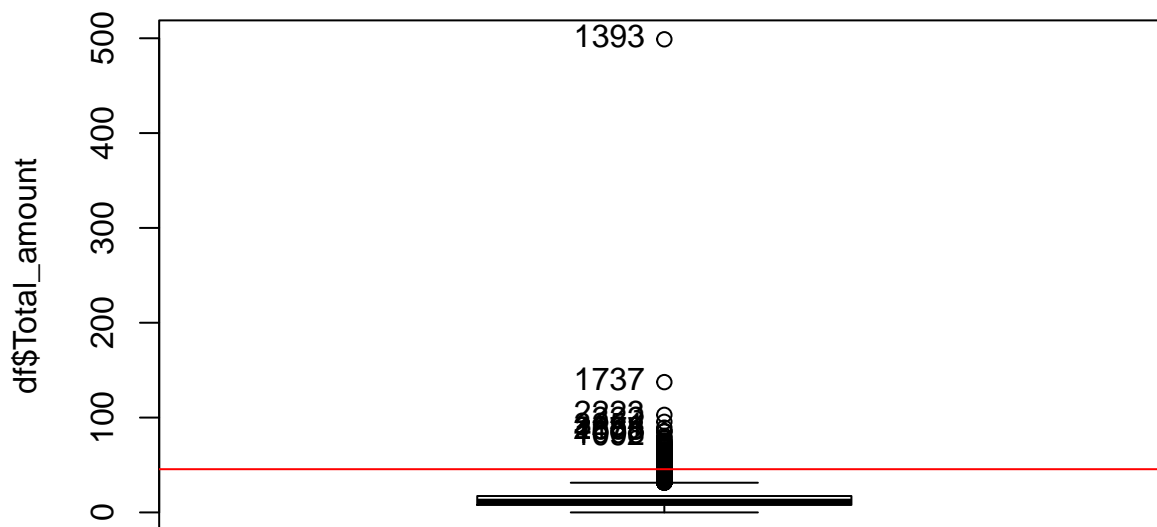
```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## -50.000   7.872  11.300   14.633   17.300  498.880
```

```
l<-which(df$Total_amount<0)
if (length(l)>0) {
  ierrs[l]<-ierres[l]+1
  jerrs["Total_amount"]<-length(l)
}
df[l,"Total_amount"]<-NA
```

```
# Outlier detection
Boxplot(df$Total_amount)
```

```
## [1] 1393 1737 2223 322 3251 4678 2888 2183 1008 1092
```

```
var_out<-calcQ(df$Total_amount)
abline(h=var_out$souts,col="red")
abline(h=var_out$souti,col="blue")
```



```
l<-which((df$Total_amount<0)|(df$Total_amount>100))
iouts[l]<-iouts[l]+1
jouts["Total_amount"]<-length(l)
df[l,"Total_amount"]<-NA
```

1.5 Imputation of qualitative variables

```
#MCA no es necesario ya que no hay variables categoricas con nulos.
```

```
#vars_dis <- c("VendorID", "lpep_pickup_datetime", "lpep_dropoff_datetime", "RateCodeID", "Payment_type",
```

```
#summary(df[,vars_dis])
#res.immca<-imputeMCA(df[,vars_dis],ncp=10)
#summary(res.immca$completeObs)
```

```
# Check one by one
#df[, vars_dis]<-res.immca$completeObs
```

1.6 Imputation of numeric variables

```
library(missMDA)
```

```
names(df)
```

```
## [1] "VendorID" "lpep_pickup_datetime" "lpep_dropoff_datetime"
## [4] "Store_and_fwd_flag" "RateCodeID" "Pickup_longitude"
## [7] "Pickup_latitude" "Dropoff_longitude" "Dropoff_latitude"
## [10] "Passenger_count" "Trip_distance" "Fare_amount"
```

```

## [13] "Extra"                "MTA_tax"                "Tip_amount"
## [16] "Tolls_amount"         "Improvement_surcharge" "Total_amount"
## [19] "Payment_type"         "Trip_type"              "lpep_pickup_date"
## [22] "lpep_pickup_time"     "lpep_dropoff_date"     "lpep_dropoff_time"
summary(df)

##           VendorID          lpep_pickup_datetime
## f.Vendor-Mobile :1103  2016-01-10 03:07:32: 2
## f.Vendor-VeriFone:3897 2016-01-20 19:47:26: 2
##                      2016-01-01 00:02:22: 1
##                      2016-01-01 00:16:59: 1
##                      2016-01-01 00:20:21: 1
##                      2016-01-01 00:20:30: 1
##                      (Other)          :4992
##           lpep_dropoff_datetime Store_and_fwd_flag      RateCodeID
## 2016-01-22 00:00:00: 3      FALSE:4983      Standard rate:4857
## 2016-01-08 20:53:45: 2      TRUE : 17      Others          : 143
## 2016-01-09 14:00:49: 2
## 2016-01-20 00:00:00: 2
## 2016-01-31 18:59:28: 2
## 2016-01-01 00:06:59: 1
## (Other)          :4988
## Pickup_longitude Pickup_latitude Dropoff_longitude Dropoff_latitude
## Min.      :-74.16   Min.      :40.57   Min.      :-74.18   Min.      : 0.00
## 1st Qu.: -73.96   1st Qu.:40.70   1st Qu.: -73.97   1st Qu.:40.70
## Median : -73.95   Median :40.75   Median : -73.95   Median :40.75
## Mean    : -73.83   Mean    :40.75   Mean    : -73.88   Mean    :40.71
## 3rd Qu.: -73.92   3rd Qu.:40.80   3rd Qu.: -73.91   3rd Qu.:40.79
## Max.     :  0.00   Max.     :40.89   Max.     :  0.00   Max.     :40.94
##                      NA's      :7
## Passenger_count Trip_distance      Fare_amount      Extra
## Min.      :0.000   Min.      : 0.000   Min.      : 0.00   Min.      :0.000
## 1st Qu.:1.000   1st Qu.: 1.020   1st Qu.: 6.50   1st Qu.:0.000
## Median :1.000   Median : 1.850   Median : 9.00   Median :0.500
## Mean    :1.375   Mean    : 2.807   Mean    :11.97   Mean    :0.349
## 3rd Qu.:1.000   3rd Qu.: 3.583   3rd Qu.:14.50   3rd Qu.:0.500
## Max.     :6.000   Max.     :42.200   Max.     :71.50   Max.     :1.000
##                      NA's      :15   NA's      :5
## MTA_tax      Tip_amount      Tolls_amount      Improvement_surcharge
## Mode :logical Min.      : 0.000   Min.      :0.00000   Mode :logical
## FALSE:126     1st Qu.: 0.000   1st Qu.:0.00000   FALSE:130
## TRUE :4866     Median : 0.000   Median :0.00000   TRUE :4862
## NA's :8        Mean    : 1.227   Mean    :0.09133   NA's :8
##                      3rd Qu.: 2.000   3rd Qu.:0.00000
##                      Max.     :17.880   Max.     :5.54000
##                      NA's     :10   NA's     :3
## Total_amount      Payment_type      Trip_type
## Min.      : 0.00   f.PayType-Cash      :2507   f.TripType-Street-Hail:4877
## 1st Qu.: 7.88     f.PayType-Credit card:2464   f.TripType-Dispatch  : 123
## Median :11.30     Others              : 29
## Mean    :14.54
## 3rd Qu.:17.30
## Max.     :95.54
## NA's     :12
## lpep_pickup_date lpep_pickup_time lpep_dropoff_date lpep_dropoff_time
## 2016-01-30: 222  18:35:18: 3  2016-01-30: 222  00:00:00: 14
## 2016-01-16: 221  18:40:25: 3  2016-01-16: 217  01:43:05: 3
## 2016-01-22: 201  22:58:31: 3  2016-01-22: 200  08:27:56: 3
## 2016-01-01: 199  00:33:05: 2  2016-01-01: 196  18:59:28: 3
## 2016-01-31: 191  00:46:43: 2  2016-01-31: 191  19:25:35: 3
## 2016-01-15: 187  00:48:28: 2  2016-01-09: 189  00:00:22: 2
## (Other)      :3779 (Other) :4985 (Other) :3785 (Other) :4972

```

```
#vars_con
vars_con <- c( "Passenger_count", "Trip_distance", "Pickup_longitude", "Pickup_latitude", "Dropoff_longitude", "Dropoff_latitude", "Fare_amount", "MTA_tax", "Improvement_surcharge", "Tip_amount", "Tolls_amount", "Total_amount")

summary(df[,vars_con])
```

```
## Passenger_count Trip_distance Pickup_longitude Pickup_latitude
## Min. :0.000 Min. : 0.000 Min. : -74.16 Min. :40.57
## 1st Qu.:1.000 1st Qu.: 1.020 1st Qu.: -73.96 1st Qu.:40.70
## Median :1.000 Median : 1.850 Median : -73.95 Median :40.75
## Mean :1.375 Mean : 2.807 Mean : -73.83 Mean :40.75
## 3rd Qu.:1.000 3rd Qu.: 3.583 3rd Qu.: -73.92 3rd Qu.:40.80
## Max. :6.000 Max. :42.200 Max. : 0.00 Max. :40.89
## NA's :7
## Dropoff_longitude Dropoff_latitude Fare_amount Extra
## Min. : -74.18 Min. : 0.00 Min. : 0.00 Min. :0.000
## 1st Qu.: -73.97 1st Qu.:40.70 1st Qu.: 6.50 1st Qu.:0.000
## Median : -73.95 Median :40.75 Median : 9.00 Median :0.500
## Mean : -73.88 Mean :40.71 Mean :11.97 Mean :0.349
## 3rd Qu.: -73.91 3rd Qu.:40.79 3rd Qu.:14.50 3rd Qu.:0.500
## Max. : 0.00 Max. :40.94 Max. :71.50 Max. :1.000
## NA's :15 NA's :5
## MTA_tax Improvement_surcharge Tip_amount Tolls_amount
## Mode :logical Mode :logical Min. : 0.000 Min. :0.00000
## FALSE:126 FALSE:130 1st Qu.: 0.000 1st Qu.:0.00000
## TRUE :4866 TRUE :4862 Median : 0.000 Median :0.00000
## NA's :8 NA's :8 Mean : 1.227 Mean :0.09133
## 3rd Qu.: 2.000 3rd Qu.:0.00000
## Max. :17.880 Max. :5.54000
## NA's :10 NA's :3
## Total_amount
## Min. : 0.00
## 1st Qu.: 7.88
## Median :11.30
## Mean :14.54
## 3rd Qu.:17.30
## Max. :95.54
## NA's :12
```

```
res.impca<-imputePCA(df[,vars_con],ncp=10)
summary(res.impca$completeObs)
```

```
## Passenger_count Trip_distance Pickup_longitude Pickup_latitude
## Min. :0.000 Min. : 0.000 Min. : -74.16 Min. :40.57
## 1st Qu.:1.000 1st Qu.: 1.020 1st Qu.: -73.96 1st Qu.:40.70
## Median :1.000 Median : 1.850 Median : -73.95 Median :40.75
## Mean :1.375 Mean : 2.807 Mean : -73.83 Mean :40.75
## 3rd Qu.:1.000 3rd Qu.: 3.583 3rd Qu.: -73.92 3rd Qu.:40.80
## Max. :6.000 Max. :42.200 Max. : 0.00 Max. :40.89
## Dropoff_longitude Dropoff_latitude Fare_amount Extra
## Min. : -74.18 Min. : 0.00 Min. : 0.00 Min. :0.000
## 1st Qu.: -73.97 1st Qu.:40.70 1st Qu.: 6.50 1st Qu.:0.000
## Median : -73.95 Median :40.75 Median : 9.00 Median :0.500
## Mean : -73.88 Mean :40.71 Mean :12.03 Mean :0.349
## 3rd Qu.: -73.91 3rd Qu.:40.79 3rd Qu.:14.50 3rd Qu.:0.500
## Max. : 0.00 Max. :40.94 Max. :113.47 Max. :1.000
## MTA_tax Improvement_surcharge Tip_amount Tolls_amount
## Min. :0.0000 Min. :0.0000 Min. : 0.00 Min. :0.00000
## 1st Qu.:1.0000 1st Qu.:1.0000 1st Qu.: 0.00 1st Qu.:0.00000
## Median :1.0000 Median :1.0000 Median : 0.00 Median :0.00000
## Mean :0.9747 Mean :0.9739 Mean : 1.27 Mean :0.09258
## 3rd Qu.:1.0000 3rd Qu.:1.0000 3rd Qu.: 2.00 3rd Qu.:0.00000
## Max. :1.0000 Max. :1.0000 Max. :37.40 Max. :5.54000
## Total_amount
## Min. : 0.00
```

```
## 1st Qu.: 7.88
## Median : 11.30
## Mean   : 14.55
## 3rd Qu.: 17.30
## Max.    :114.72
```

```
df[,vars_con]<-res.impca$completeObs
```

```
df[,vars_con]
```

##	Passenger_count	Trip_distance	Pickup_longitude	Pickup_latitude
## 166	1	2.83	-73.91896	40.74300
## 407	5	4.83	-73.89345	40.74881
## 715	1	1.36	-73.91747	40.76511
## 851	1	4.13	-73.91057	40.69966
## 1072	1	3.36	-73.95162	40.71510
## 1322	1	3.82	-73.99313	40.68283
## 1667	1	3.95	-73.94777	40.66885
## 1744	1	0.79	-73.96483	40.68323
## 1969	1	1.40	-73.92473	40.83374
## 2370	1	4.40	-73.96275	40.66072
## 2756	1	3.57	-73.96071	40.64882
## 3130	1	0.84	-73.91939	40.75844
## 3902	1	1.49	-73.94297	40.81101
## 4738	2	2.80	-73.95753	40.80028
## 5162	1	1.40	-73.95129	40.71157
## 5241	1	2.70	-73.97908	40.69246
## 5242	1	0.60	-73.91805	40.77024
## 5426	1	0.90	-73.92215	40.77105
## 5472	1	1.50	-73.93573	40.82196
## 5534	2	0.40	-73.94032	40.71735
## 6010	1	3.90	-73.99441	40.69038
## 6034	1	2.30	-73.96249	40.71972
## 6454	1	0.53	-73.93613	40.84986
## 7786	1	2.55	-73.96301	40.67393
## 7806	1	0.00	-73.94022	40.82530
## 7859	1	3.17	-73.90614	40.82350
## 8025	1	0.93	-73.89076	40.74631
## 8884	1	2.26	-73.90189	40.81934
## 9072	1	3.55	-73.95837	40.68077
## 9195	3	1.40	-73.95143	40.74337
## 9412	1	0.91	-73.86734	40.74941
## 9539	1	1.43	-73.94378	40.83535
## 9823	1	5.00	-73.94860	40.80155
## 9920	1	8.32	-73.80708	40.69951
## 10311	1	1.08	-73.97782	40.68474
## 10456	1	1.51	-73.90217	40.74578
## 10628	1	1.24	-73.86243	40.72985
## 10787	1	1.43	-73.92223	40.77711
## 10981	1	5.68	-73.93666	40.69791
## 11182	1	9.74	-73.94865	40.68029
## 11472	2	2.98	-73.99424	40.69014
## 11925	3	1.20	-73.98470	40.66322
## 12145	1	14.50	-73.90283	40.67599
## 12256	1	7.50	-73.91150	40.77550
## 12479	1	2.60	-73.94883	40.65420
## 13068	1	0.90	-73.91212	40.77497
## 13718	1	1.93	-73.93993	40.70842
## 14188	1	7.41	-73.95654	40.81237
## 14552	5	5.24	-73.95284	40.67780
## 14720	1	2.70	-73.96517	40.71270
## 14825	3	1.12	-73.95245	40.71417
## 15326	5	2.92	-73.92248	40.74343
## 16574	1	2.43	-73.95229	40.82299

## 16779	1	2.09	-73.95074	40.66996
## 16791	6	2.79	-73.89828	40.74783
## 18691	1	3.70	-73.94046	40.71843
## 19187	0	1.20	-73.85848	40.75015
## 19316	1	4.60	-73.95645	40.74769
## 19813	1	1.24	-73.94915	40.68031
## 19994	1	8.07	-73.88995	40.74930
## 20307	1	0.03	-73.88078	40.82846
## 21005	1	1.45	-73.93385	40.76828
## 21047	1	4.01	-73.98351	40.68872
## 21340	1	4.15	-73.95454	40.71866
## 21377	2	3.59	-73.94554	40.71091
## 21405	1	2.82	-73.96332	40.67542
## 21686	1	3.05	-73.91536	40.84317
## 21738	5	5.50	-73.94656	40.82669
## 22033	5	2.58	-73.91971	40.68229
## 22863	1	2.12	-73.95383	40.66378
## 22954	1	1.32	-73.82914	40.75746
## 23154	1	2.20	-73.88305	40.75588
## 23252	3	1.73	-73.93137	40.70644
## 23388	1	3.20	-73.90282	40.85164
## 23460	1	1.26	-73.92356	40.86691
## 23594	1	1.75	-73.82983	40.71368
## 24736	1	0.50	-73.94830	40.80414
## 24949	1	1.50	-73.94517	40.67935
## 25269	1	1.20	-73.93913	40.79970
## 25364	1	0.28	-73.88363	40.74768
## 25448	1	0.96	-73.99162	40.67347
## 25740	6	1.50	-73.88362	40.74775
## 25745	1	2.09	-73.87153	40.68152
## 25868	1	1.46	-73.96307	40.71168
## 26027	1	2.50	-73.95996	40.68874
## 26428	2	2.96	-73.97814	40.68425
## 26767	1	0.81	-73.94437	40.79167
## 26958	1	3.12	-73.96209	40.71600
## 28004	1	2.49	-73.95638	40.69662
## 28406	1	3.57	-73.98730	40.70233
## 28767	1	13.77	-73.97842	40.68409
## 29017	2	1.20	-73.95837	40.72136
## 29026	1	1.70	-73.93279	40.75291
## 29374	1	2.40	-73.95649	40.71690
## 30054	5	0.90	-73.87029	40.74908
## 30063	1	1.05	-73.95721	40.71831
## 30279	1	6.09	-73.97872	40.68397
## 30569	1	2.51	-73.84413	40.72174
## 31340	1	0.66	-73.95583	40.80454
## 31531	1	8.37	-73.95790	40.72193
## 32012	5	0.99	-73.88880	40.74717
## 32109	1	4.99	-73.99305	40.69734
## 32177	1	4.13	-73.95518	40.80433
## 32182	1	1.83	-73.95161	40.71389
## 32702	1	5.70	-73.84415	40.72115
## 33435	6	2.53	-73.90350	40.74544
## 33453	1	4.89	-73.94605	40.78925
## 33478	1	5.49	-73.94225	40.83771
## 33541	1	2.97	-73.96366	40.70781
## 33766	1	3.11	-73.83036	40.75957
## 33971	1	3.71	-73.91427	40.77311
## 34883	1	3.70	-73.94664	40.81996
## 35028	5	3.42	-73.91882	40.74664
## 35149	1	8.53	-73.90159	40.81990
## 36213	1	4.54	-73.98687	40.70245
## 37605	1	0.65	-73.89059	40.74644
## 37903	2	1.48	-73.83143	40.70604

## 37974	1	3.19	-73.95503	40.80000
## 38002	1	2.27	-73.89880	40.66882
## 38571	2	1.00	-73.95121	40.69961
## 38590	1	4.60	-73.92525	40.76180
## 38741	1	2.59	-73.93947	40.80483
## 38836	1	1.11	-73.96625	40.80491
## 39195	1	0.72	-73.93259	40.77276
## 39997	1	1.12	-73.98760	40.66768
## 40965	1	2.30	-73.94466	40.79149
## 41083	1	1.06	-73.97855	40.68448
## 41138	1	2.74	-73.93059	40.67054
## 41374	1	5.49	-73.94473	40.80747
## 42185	1	1.20	-73.94856	40.79780
## 43143	1	0.88	-73.92173	40.76020
## 43625	2	3.40	-73.95686	40.74464
## 43820	1	2.92	-73.95267	40.81059
## 43897	2	1.12	-73.86232	40.74989
## 44249	1	2.72	-73.95390	40.80152
## 44258	2	1.39	-73.97010	40.69314
## 44348	1	4.64	-73.98743	40.69135
## 44371	1	3.59	-73.97830	40.68675
## 44656	2	0.27	-73.93130	40.69476
## 44765	1	7.91	-73.94041	40.81492
## 45115	1	3.74	-73.94964	40.67897
## 45215	2	6.34	-73.94543	40.80799
## 45338	1	5.60	-73.99648	40.69409
## 45357	1	0.60	-73.89096	40.74696
## 45910	1	2.26	-73.89431	40.84827
## 46241	1	0.71	-73.98726	40.69152
## 46475	1	0.88	-73.89102	40.74649
## 47034	1	1.92	-73.88405	40.74820
## 47329	1	0.80	-73.98006	40.66858
## 48334	1	0.60	-73.89083	40.74653
## 48830	1	0.88	-73.96670	40.80406
## 48868	1	3.72	-73.82581	40.86847
## 49475	1	6.31	-73.98683	40.70248
## 49534	1	1.20	-73.87417	40.73507
## 49659	1	6.00	-73.88703	40.74984
## 49933	1	5.10	-73.90344	40.67854
## 49975	1	2.50	-73.90703	40.68774
## 50444	1	1.49	-73.99196	40.69089
## 50686	1	5.75	-73.97544	40.68092
## 50961	1	5.01	-73.86903	40.73377
## 51540	1	2.59	-73.87420	40.73511
## 51635	1	5.02	-73.92015	40.77512
## 51835	1	6.81	-73.88943	40.82684
## 51880	1	2.67	-73.91238	40.75582
## 52213	1	3.20	-73.96233	40.70986
## 52374	1	6.00	-73.96137	40.66188
## 52659	1	2.75	-73.94670	40.81641
## 53018	1	4.93	-73.92138	40.67891
## 53066	1	3.82	-73.94534	40.72498
## 53272	1	1.81	-73.88623	40.74452
## 54114	1	2.05	-73.97769	40.68462
## 54321	6	9.63	-73.91455	40.74359
## 55023	1	2.26	-73.94038	40.80570
## 55149	1	1.63	-73.88377	40.74776
## 56078	1	0.86	-73.95385	40.80646
## 56330	1	2.55	-73.98110	40.67556
## 56465	2	0.07	-73.91679	40.67863
## 57069	1	4.90	-73.92627	40.63171
## 57562	2	1.93	-73.89157	40.82124
## 57677	1	0.60	-73.90995	40.68483
## 57714	1	1.11	-73.95236	40.72647

## 57850	3	0.84	-73.96510	40.71435
## 58309	1	8.10	-73.87090	40.73402
## 58373	1	6.87	-73.93180	40.79553
## 58923	5	2.45	-73.97429	40.67982
## 59700	2	3.50	-73.95054	40.78659
## 59891	1	1.48	-73.91135	40.74445
## 61595	1	2.74	-73.84418	40.72115
## 61739	1	1.20	-73.95300	40.67932
## 61791	2	0.70	-73.93662	40.81229
## 61858	1	2.70	-73.96666	40.71093
## 62037	2	1.50	-73.91388	40.77352
## 62645	1	1.99	-73.89050	40.74726
## 62814	1	3.72	-73.84441	40.72285
## 63243	1	5.24	-73.98601	40.68989
## 63453	3	13.10	-73.97959	40.68233
## 64042	1	5.40	-73.91119	40.76859
## 64208	2	2.00	-73.98920	40.69206
## 64336	1	2.10	-73.92565	40.82789
## 64656	1	8.50	-73.99069	40.66403
## 64850	1	1.25	-73.93517	40.79637
## 64987	1	2.86	-73.92415	40.75597
## 65349	2	3.22	-74.00227	40.68184
## 65766	1	3.48	-73.95697	40.72090
## 66138	1	0.60	-73.95150	40.72339
## 67658	1	6.99	-73.95605	40.71941
## 68040	1	1.80	-73.97780	40.68470
## 68081	2	2.10	-73.95914	40.65230
## 68234	5	0.54	-73.95157	40.71393
## 68480	1	0.79	-73.95007	40.72269
## 68962	1	1.41	-73.89154	40.74683
## 69193	1	1.10	-73.91589	40.86910
## 69299	1	2.00	-73.95692	40.71287
## 69544	1	2.43	-73.80810	40.69883
## 69785	1	1.68	-73.89726	40.76717
## 69966	1	2.79	-73.94695	40.83132
## 70003	1	10.88	-73.94006	40.67379
## 70518	1	0.85	-73.95779	40.72159
## 70813	3	2.24	-73.88245	40.74770
## 71289	1	7.70	-73.88105	40.74812
## 71290	4	6.90	-73.95773	40.72236
## 71576	1	0.66	-73.95151	40.79938
## 71645	1	1.90	-73.91937	40.75909
## 71822	3	4.50	-73.87736	40.73736
## 72461	3	4.87	-73.91785	40.76997
## 73346	1	1.93	-73.94781	40.81466
## 73812	1	1.17	-73.97262	40.69319
## 73935	1	0.63	-73.98967	40.70258
## 74193	1	0.34	-73.95663	40.80289
## 74753	1	3.60	-73.98872	40.69366
## 75016	1	3.58	-73.88083	40.76753
## 75161	1	0.59	-73.99236	40.68983
## 75215	1	4.39	-73.99278	40.69795
## 75363	2	2.50	-73.94389	40.81521
## 75433	1	4.91	-73.89062	40.74700
## 75476	1	3.35	-73.82962	40.70942
## 75577	1	2.94	-73.93924	40.80545
## 75715	1	2.28	-73.95656	40.80270
## 75740	1	10.94	-73.99716	40.57523
## 75901	1	0.75	-73.91119	40.76849
## 76051	1	15.26	-73.91613	40.76439
## 76066	1	2.84	-73.90349	40.74547
## 76130	1	0.90	-73.94594	40.82706
## 76343	1	1.20	-73.91889	40.75886
## 76346	1	7.40	-73.88496	40.74765

## 76733	5	0.29	-73.93571	40.79616
## 76950	1	0.99	-73.86381	40.73280
## 77239	1	2.27	-73.97746	40.68980
## 77416	1	1.09	-73.95754	40.68471
## 77536	1	1.42	-73.91713	40.78014
## 77618	3	2.00	-73.91647	40.86950
## 78133	2	0.40	-73.93448	40.80148
## 78231	1	1.95	-73.97717	40.67070
## 78406	1	1.35	-73.95810	40.60891
## 78563	2	2.05	-73.92108	40.75645
## 78605	1	2.67	-73.95782	40.67100
## 78791	1	0.76	-73.84429	40.72134
## 79596	2	1.60	-73.95525	40.82020
## 80325	1	3.35	-73.96230	40.80493
## 80586	1	2.18	-73.92135	40.76673
## 80796	1	1.88	-73.94962	40.82782
## 81073	1	1.92	-73.91485	40.76400
## 81413	1	8.13	-73.84239	40.66980
## 81477	6	8.17	-73.97984	40.67737
## 81606	1	0.60	-73.86970	40.74902
## 81877	1	4.30	-73.95683	40.74469
## 82072	1	0.76	-73.93883	40.81693
## 82399	1	1.25	-73.95048	40.79215
## 82456	1	2.29	-73.98374	40.66801
## 82521	1	0.64	-73.94467	40.82385
## 82582	1	1.22	-73.96682	40.68817
## 82719	1	0.69	-73.94733	40.79655
## 83091	1	11.14	-73.79119	40.70681
## 83190	3	4.15	-73.93533	40.67098
## 83419	1	4.54	-73.99269	40.69745
## 83947	1	7.70	-73.94956	40.80219
## 83990	2	1.50	-73.93970	40.70679
## 83996	1	5.00	-73.93739	40.80265
## 84038	1	2.90	-73.92001	40.81670
## 84183	1	0.47	-73.98016	40.68881
## 84495	1	1.61	-73.95303	40.72809
## 84634	2	1.75	-73.99242	40.69000
## 85792	1	4.26	-73.93053	40.74473
## 86106	1	6.01	-74.01074	40.67199
## 86504	1	2.60	-73.98730	40.69221
## 86555	1	3.40	-73.86383	40.73281
## 86784	1	0.67	-73.92036	40.68859
## 87011	1	0.70	-73.96277	40.71735
## 87022	1	2.55	-73.94129	40.67121
## 87303	1	2.30	-73.83416	40.75765
## 87374	1	4.81	-73.96673	40.80433
## 87451	1	1.06	-73.97561	40.68683
## 88024	5	2.08	-73.95149	40.81038
## 88593	1	6.36	-73.87209	40.67542
## 88721	1	3.27	-73.95164	40.64267
## 88754	1	9.61	-73.94089	40.79268
## 89166	1	3.00	-73.97372	40.68601
## 89287	1	1.00	-73.87115	40.73413
## 89320	4	7.10	-73.83434	40.75779
## 89619	1	2.57	-73.94103	40.81402
## 89632	1	1.72	-73.94776	40.79027
## 89656	4	2.14	-73.95227	40.79271
## 89676	1	1.25	-73.95955	40.80127
## 89894	1	2.91	-73.95159	40.71375
## 90284	2	0.95	-73.97203	40.67237
## 90295	1	1.52	-73.98733	40.69195
## 90346	6	2.75	-73.99254	40.68949
## 91248	1	1.77	-73.83269	40.71582
## 91520	1	1.52	-73.95614	40.69470

## 91734	1	3.00	-73.99427	40.70310
## 91834	2	2.80	-73.99245	40.68950
## 92294	1	2.60	-73.97165	40.69790
## 92376	1	0.60	-73.95139	40.72481
## 92503	1	2.45	-73.93213	40.79560
## 93033	1	1.60	-73.99817	40.68235
## 93160	1	1.33	-73.97514	40.67503
## 93172	1	0.72	-73.95367	40.79081
## 94216	2	2.78	-73.95590	40.74740
## 94436	1	1.97	-73.93902	40.80500
## 94596	1	4.07	-73.95605	40.71410
## 94760	1	13.69	-73.99055	40.66837
## 94802	4	20.32	-73.91185	40.82726
## 94831	2	7.70	-73.94028	40.80552
## 94918	1	8.40	-73.86932	40.65508
## 95447	1	0.80	-73.93665	40.69790
## 95461	1	7.60	-73.93777	40.69370
## 95653	1	1.31	-73.95307	40.78876
## 95717	1	0.92	-73.92224	40.75508
## 95761	1	0.48	-73.93790	40.79240
## 96123	4	1.79	-73.91446	40.75689
## 96164	2	2.66	-73.91185	40.65375
## 96198	1	1.48	-73.94259	40.84122
## 96235	1	1.33	-73.91917	40.74297
## 96455	2	0.06	-73.75381	40.69584
## 97030	1	4.74	-73.92512	40.81008
## 97166	1	0.48	-73.95464	40.81557
## 97418	2	0.34	-73.91702	40.76487
## 97440	1	1.27	-73.96825	40.70781
## 97752	1	5.78	-73.91638	40.76216
## 97892	1	7.50	-73.91563	40.74264
## 98428	2	5.40	-73.98904	40.66884
## 98719	1	1.42	-73.90333	40.67796
## 99211	1	2.25	-73.94135	40.79930
## 99255	1	1.60	-73.89852	40.74604
## 99899	2	1.19	-73.99798	40.68380
## 100123	1	3.61	-73.93904	40.80498
## 100374	1	0.65	-73.97723	40.68120
## 100584	1	1.39	-73.86992	40.73362
## 100727	1	1.12	-73.96086	40.80164
## 100734	1	4.69	-73.87692	40.73788
## 100867	1	2.46	-73.99399	40.68167
## 101092	3	4.70	-73.94230	40.78648
## 101459	1	1.00	-73.96075	40.69405
## 101538	1	0.90	-73.98032	40.68865
## 102438	1	9.79	-73.93357	40.75807
## 102516	1	1.36	-73.95145	40.80985
## 102854	5	1.07	-73.91142	40.76443
## 102958	1	7.19	-73.94043	40.80566
## 103434	1	3.82	-73.97848	40.68988
## 103462	1	1.83	-73.95673	40.71275
## 103956	1	2.03	-73.97403	40.65734
## 104404	3	1.20	-73.95426	40.58743
## 105158	1	3.84	-73.88100	40.86152
## 105168	1	3.81	-73.84364	40.72120
## 105262	1	1.13	-73.94391	40.71178
## 105294	1	0.73	-73.94221	40.84221
## 105882	1	4.04	-73.96339	40.67176
## 105883	1	3.44	-73.95751	40.71768
## 105885	1	0.75	-73.94217	40.84100
## 106084	1	4.17	-73.96397	40.67184
## 106103	1	10.47	-73.94022	40.84082
## 106367	1	5.08	-73.99457	40.70021
## 107587	4	0.90	-73.98088	40.67585

## 107601	2	1.60	-73.88922	40.74706
## 108809	1	2.54	-73.84454	40.72172
## 109484	1	1.50	-73.95173	40.79059
## 109614	1	2.98	-73.95381	40.72888
## 109652	1	8.13	-73.96267	40.68861
## 109825	1	0.67	-73.94152	40.81309
## 110015	1	0.73	-73.85592	40.75164
## 110386	5	1.17	-73.88365	40.74757
## 110478	1	1.61	-73.86682	40.75760
## 110743	1	0.80	-73.91761	40.77012
## 110827	1	0.70	-73.92365	40.76117
## 111067	1	1.10	-73.99107	40.68941
## 111545	1	0.27	-73.94291	40.69083
## 111617	1	1.80	-73.94048	40.71192
## 111944	1	2.41	-73.95917	40.69419
## 112660	1	0.92	-73.95181	40.78998
## 112870	1	0.83	-73.94384	40.80989
## 113329	2	2.52	-73.89040	40.74908
## 113461	1	2.61	-73.96349	40.71026
## 113545	1	6.60	-73.83740	40.64997
## 113575	1	2.16	-73.95519	40.80434
## 113990	1	0.80	-73.89246	40.74733
## 114697	1	0.96	-73.88399	40.74733
## 114748	1	1.82	-73.91866	40.76568
## 115032	1	2.69	-73.84408	40.72110
## 115045	1	2.19	-73.94988	40.68189
## 115048	1	2.15	-73.92831	40.80720
## 115393	1	0.94	-73.95269	40.72698
## 116583	5	1.31	-73.88715	40.74732
## 116695	1	1.56	-73.89023	40.74696
## 116908	2	1.00	-73.95634	40.70784
## 118108	6	1.12	-73.91524	40.76044
## 118182	1	1.34	-73.94075	40.82455
## 118263	1	7.72	-73.95682	40.72292
## 118389	5	5.85	-73.91942	40.75841
## 118755	3	7.44	-73.95776	40.72208
## 119105	1	1.32	-73.94433	40.81451
## 119976	5	1.65	-73.90069	40.74577
## 120179	1	3.47	-73.96906	40.69312
## 120404	5	2.64	-73.98003	40.67709
## 120502	1	9.55	-73.88312	40.74813
## 120946	1	2.51	-73.96149	40.71649
## 121213	1	3.35	-73.96362	40.71098
## 121301	1	10.09	-73.84597	40.68038
## 121397	1	10.80	-73.95777	40.71772
## 121579	2	2.80	-73.96622	40.71283
## 121658	1	0.70	-73.87989	40.74759
## 121703	1	8.50	-73.95226	40.67847
## 122639	3	11.49	-73.94981	40.67858
## 122758	1	0.14	-73.90197	40.70480
## 123012	1	2.58	-73.98183	40.57685
## 123070	1	3.06	-73.88734	40.74736
## 123158	1	0.70	-73.89919	40.73104
## 123218	2	2.90	-73.94972	40.67831
## 123340	1	4.80	-73.87576	40.82656
## 123876	1	0.12	-73.94932	40.63898
## 123929	1	2.23	-73.95170	40.71401
## 123983	4	2.98	-73.95158	40.74316
## 124017	5	2.35	-73.94513	40.75122
## 124056	1	3.53	-73.91383	40.76528
## 124215	2	0.80	-73.95734	40.72217
## 124218	1	4.50	-73.93660	40.82730
## 124715	1	4.30	-73.86020	40.75923
## 124736	1	6.40	-73.87653	40.74836

## 124790	1	0.00	-73.87847	40.88673
## 125181	1	4.69	-73.95386	40.80103
## 125628	1	1.38	-73.99754	40.67464
## 125853	1	10.02	-74.01445	40.68181
## 125883	1	11.94	-73.94942	40.79377
## 126171	2	0.60	-73.97414	40.68967
## 126241	1	1.81	-73.92215	40.67973
## 126476	1	1.49	-73.95585	40.81279
## 126629	2	0.31	-73.93390	40.85395
## 126740	1	1.04	-73.93605	40.80378
## 126894	1	8.23	-73.95624	40.74749
## 126995	1	8.50	-73.96561	40.68324
## 127112	1	1.10	-73.88604	40.74746
## 127482	1	1.91	-73.79234	40.70651
## 127797	1	6.30	-73.92135	40.76658
## 128259	1	6.79	-73.82951	40.71355
## 129110	1	3.09	-73.95816	40.72183
## 129728	1	0.83	-73.94392	40.83566
## 130058	1	0.70	-73.97662	40.68373
## 130441	1	5.90	-73.86973	40.74917
## 131243	1	7.10	-73.92168	40.76641
## 131356	1	0.81	-73.95755	40.80120
## 131695	1	3.36	-73.90313	40.74594
## 131820	1	0.70	-73.91761	40.81630
## 132459	1	2.19	-73.94198	40.79883
## 132860	1	1.74	-73.97440	40.68623
## 133447	1	1.76	-73.94668	40.80050
## 133971	1	1.20	-73.97150	40.69642
## 134151	1	0.90	-73.97270	40.69324
## 134657	1	4.45	-73.94773	40.81485
## 134990	6	8.03	-73.89384	40.74669
## 135578	1	1.15	-73.92311	40.74390
## 135651	1	2.98	-73.87086	40.73412
## 135661	1	1.83	-73.92735	40.81867
## 136170	1	1.30	-73.96108	40.70671
## 136331	1	0.90	-73.98617	40.68976
## 136344	1	1.10	-73.95457	40.71400
## 136412	1	2.90	-73.87206	40.75705
## 136647	1	2.22	-73.96445	40.80745
## 137027	1	0.69	-73.96062	40.80157
## 137132	1	0.00	-73.77630	40.64585
## 137387	1	2.97	-73.94077	40.67994
## 137651	1	0.93	-73.92134	40.76676
## 137697	1	6.45	-73.99400	40.68149
## 137886	1	1.60	-73.97569	40.68355
## 138445	1	3.60	-73.96069	40.68224
## 139105	1	0.61	-73.94626	40.68030
## 140161	1	1.19	-73.99411	40.68137
## 140200	1	1.01	-73.96168	40.67813
## 140318	1	6.01	-73.99358	40.70265
## 140687	1	3.50	-73.95221	40.72624
## 142044	5	3.03	-73.89082	40.74651
## 142232	1	1.25	-73.83044	40.75953
## 142383	1	5.05	-73.91942	40.81386
## 142475	3	12.62	-73.57426	40.77896
## 142652	1	0.92	-73.97675	40.68206
## 142915	1	2.90	-73.95302	40.71158
## 143512	1	1.20	-73.95481	40.80519
## 143811	1	1.53	-73.87097	40.73397
## 143854	2	4.77	-73.99787	40.68741
## 144263	1	3.13	-73.93011	40.75646
## 144642	1	0.00	-73.93697	40.76473
## 144683	1	2.10	-73.94399	40.71162
## 145091	1	3.21	-73.93928	40.80528

## 145205	1	3.93	-73.95723	40.74570
## 145264	3	1.82	-73.89043	40.71223
## 145918	1	8.70	-73.90566	40.69396
## 146152	1	0.80	-73.94432	40.79202
## 146359	2	2.28	-73.99265	40.68910
## 146944	1	3.33	-73.98944	40.70252
## 147274	1	2.01	-73.91483	40.75274
## 147830	6	1.65	-73.97749	40.67179
## 147978	1	7.24	-73.83041	40.75958
## 148014	3	2.20	-73.86382	40.73269
## 148109	1	1.29	-73.95036	40.67180
## 148440	1	5.80	-73.93739	40.84752
## 148518	2	1.90	-73.97282	40.68571
## 148638	1	1.01	-73.95040	40.78569
## 148767	1	1.81	-73.93883	40.80503
## 148984	1	0.47	-73.95563	40.81257
## 149108	1	1.90	-73.97622	40.68517
## 149446	1	0.74	-73.96329	40.80363
## 149636	1	3.68	-73.94240	40.75415
## 150385	1	0.90	-73.88869	40.74554
## 150973	1	0.22	-73.84447	40.72061
## 151590	2	1.58	-73.92542	40.76172
## 151923	1	0.80	-73.95805	40.72187
## 152423	1	4.90	-73.94035	40.82517
## 152546	1	3.90	-73.93335	40.64302
## 152558	2	1.60	-73.95056	40.82676
## 152917	1	2.78	-73.96143	40.68230
## 152964	1	0.95	-73.91440	40.77312
## 153363	1	1.23	-73.98726	40.69350
## 153505	1	2.29	-73.95436	40.67256
## 153859	1	3.86	-73.94834	40.71127
## 153959	1	0.90	-73.94995	40.68250
## 154855	6	3.13	-73.99426	40.68112
## 155267	1	0.99	-73.88942	40.74700
## 155373	1	2.20	-73.93932	40.81608
## 155510	1	2.60	-73.95049	40.79242
## 155579	3	1.50	-73.91238	40.77485
## 155597	1	8.00	-73.95209	40.79012
## 155984	1	1.42	-73.95783	40.71782
## 156085	1	1.30	-73.99184	40.68462
## 156348	1	2.04	-73.92223	40.75523
## 156621	1	3.50	-73.96238	40.67763
## 156658	1	0.87	-73.95524	40.80464
## 156764	5	1.52	-73.89347	40.74653
## 156836	1	1.28	-73.94440	40.71487
## 156967	1	3.22	-73.95656	40.71709
## 157148	1	1.36	-73.96342	40.71021
## 158021	1	0.00	-73.95055	40.66886
## 158174	1	1.24	-73.88619	40.74743
## 158249	1	1.55	-73.95347	40.67265
## 158575	1	0.59	-73.86987	40.74888
## 158756	1	6.22	-73.94881	40.82883
## 158946	2	1.73	-73.95878	40.71270
## 159171	1	7.52	-73.93732	40.80427
## 160511	1	0.59	-73.94055	40.81463
## 160531	1	0.56	-73.94765	40.78455
## 160843	1	7.01	-73.88700	40.82000
## 160928	2	5.70	-73.96455	40.71326
## 161339	1	3.20	-73.89137	40.74520
## 161663	6	0.34	-73.91443	40.83279
## 162383	2	7.40	-73.95842	40.73493
## 162732	1	1.51	-73.86217	40.74992
## 162745	1	0.68	-73.91294	40.76650
## 162779	2	1.72	-73.93793	40.81835

## 163046	1	2.71	-73.93131	40.74657
## 163155	1	1.37	-73.94701	40.80581
## 163156	1	4.26	-73.80752	40.70040
## 163330	1	5.81	-73.99848	40.67704
## 163543	1	6.80	-73.89647	40.74625
## 163544	1	4.40	-73.92616	40.77205
## 163842	1	1.10	-73.86868	40.74934
## 164072	1	1.70	-73.98309	40.69684
## 164231	1	0.00	-73.88907	40.86023
## 164322	2	0.63	-73.91343	40.76591
## 164394	1	2.13	-73.93925	40.80529
## 164483	1	0.99	-73.94910	40.78531
## 164620	1	5.79	-73.94080	40.84149
## 164656	1	1.31	-73.95801	40.67044
## 164741	1	0.61	-73.93236	40.79645
## 164838	1	1.76	-73.97646	40.68361
## 165005	2	3.34	-73.96870	40.69247
## 165031	1	0.31	-73.94667	40.80079
## 165035	1	2.38	-73.90859	40.76635
## 165555	1	2.44	-73.95303	40.74227
## 166570	2	0.60	-73.95142	40.79116
## 167236	1	3.96	-73.95203	40.79142
## 167445	2	9.42	-73.99430	40.66641
## 167877	5	1.53	-73.92623	40.77204
## 168461	1	1.20	-73.95296	40.79168
## 169308	1	3.73	-73.88450	40.74754
## 169695	1	19.00	-73.99529	40.69056
## 169721	1	9.23	-73.90337	40.86525
## 169764	1	3.15	-73.95340	40.78818
## 169817	1	2.10	-73.94995	40.67564
## 169876	1	4.30	-73.91183	40.77549
## 169965	1	0.40	-73.99348	40.69292
## 170832	1	0.45	-73.95689	40.74568
## 170954	1	8.25	-73.99055	40.70253
## 171140	1	0.92	-73.94753	40.78430
## 171214	1	1.03	-73.92455	40.74407
## 171295	1	2.19	-73.95815	40.81568
## 171543	1	0.90	-73.97372	40.69268
## 171652	1	0.00	-73.93882	40.80487
## 171745	1	6.10	-73.98846	40.69061
## 171752	1	0.70	-73.95837	40.71031
## 172039	1	1.67	-73.91473	40.76419
## 172055	2	5.01	-73.91019	40.85198
## 172229	1	1.01	-73.95367	40.67458
## 172791	1	1.43	-73.97858	40.68458
## 173098	1	19.33	-73.91963	40.83460
## 173353	1	4.60	-73.92239	40.80991
## 173693	1	2.07	-73.99194	40.69062
## 174789	1	1.60	-73.95305	40.80684
## 174865	1	1.96	-73.94848	40.74481
## 175026	1	3.59	-73.90714	40.88696
## 176434	1	4.94	-73.94449	40.81950
## 176683	1	1.19	-73.97827	40.67953
## 176853	1	3.62	-73.98321	40.69373
## 176889	1	2.09	-73.95406	40.79088
## 177213	1	2.97	-73.92045	40.86789
## 177245	1	11.93	-73.96487	40.68346
## 177775	5	1.40	-73.86969	40.74918
## 178122	1	1.00	-73.98656	40.70398
## 178215	1	0.59	-73.85125	40.85041
## 178334	1	0.58	-73.89845	40.86241
## 178870	1	2.61	-73.98697	40.70249
## 179025	1	2.14	-73.93920	40.80539
## 179161	3	3.15	-73.89120	40.74700

## 179761	1	6.31	-73.94209	40.80632
## 180000	1	1.10	-73.88822	40.75520
## 180451	1	0.60	-73.92840	40.75805
## 180936	1	2.60	-73.94660	40.71435
## 181819	1	12.94	-73.83321	40.67324
## 182902	1	7.18	-73.94218	40.84146
## 183771	6	2.09	-73.91759	40.77000
## 184247	1	1.20	-73.95399	40.78734
## 184632	1	5.47	-73.87124	40.73408
## 184645	1	0.54	-73.94051	40.81467
## 185533	1	1.00	-73.97559	40.67436
## 186162	1	2.90	-73.83887	40.71931
## 186191	2	2.02	-73.83019	40.71369
## 186440	1	3.30	-73.98697	40.69288
## 186473	1	1.10	-73.95403	40.78711
## 186996	1	0.50	-73.93959	40.79779
## 187229	1	1.07	-73.84429	40.72138
## 187465	2	0.60	-73.86246	40.73042
## 187648	6	1.12	-73.89182	40.82436
## 188193	1	1.68	-73.95822	40.60882
## 188280	1	1.20	-73.90522	40.75258
## 188370	1	1.80	-73.88483	40.74754
## 188544	1	8.24	-73.95341	40.80690
## 188547	1	0.78	-73.95852	40.66943
## 188628	1	2.57	-73.83394	40.75765
## 188643	1	0.41	-73.93552	40.69688
## 188845	1	1.28	-73.95581	40.72033
## 188870	1	7.41	-73.99110	40.69218
## 190983	4	5.42	-73.94769	40.79037
## 191044	1	1.33	-73.94448	40.71458
## 191078	1	1.10	-73.97887	40.67891
## 191245	1	0.67	-73.97895	40.68375
## 191275	1	1.31	-73.89101	40.74686
## 191882	1	3.92	-73.95744	40.71802
## 191928	1	8.74	-73.99839	40.66023
## 192024	1	0.91	-73.96860	40.67300
## 192032	1	2.49	-73.93914	40.80512
## 192052	1	2.93	-73.99234	40.68941
## 192053	1	1.13	-73.80704	40.69913
## 192525	1	3.17	-73.91887	40.74300
## 192746	1	0.70	-73.95775	40.72442
## 193729	1	0.86	-73.95565	40.68112
## 193919	1	4.38	-73.97652	40.68304
## 194373	1	0.82	-73.92546	40.76194
## 194439	1	3.08	-73.94209	40.81256
## 194459	1	0.71	-73.88298	40.84811
## 194947	5	1.91	-73.93977	40.79832
## 195324	1	0.80	-73.95668	40.71687
## 196409	1	3.34	-73.97772	40.68045
## 196514	2	5.85	-73.97755	40.68391
## 197039	1	1.55	-73.89086	40.74654
## 197530	1	3.90	-73.97586	40.68693
## 197842	1	0.66	-73.92075	40.75678
## 198028	1	2.96	-73.92020	40.85275
## 198424	1	3.69	-73.89843	40.66259
## 198575	1	5.32	-73.95782	40.71774
## 198707	1	2.25	-73.95296	40.79848
## 199587	1	0.96	-73.89095	40.74653
## 199818	1	2.74	-73.84397	40.72101
## 200016	3	1.24	-73.88500	40.74420
## 200145	5	2.83	-73.94012	40.70939
## 200516	1	1.80	-73.97800	40.68009
## 200872	1	4.73	-73.92224	40.75509
## 200939	1	0.00	-73.93700	40.76471

## 201138	1	1.08	-73.93496	40.84969
## 201595	1	0.82	-73.91194	40.77526
## 202067	1	7.00	-73.94051	40.67991
## 202455	1	5.12	-73.94243	40.79080
## 202587	1	5.80	-73.99127	40.68547
## 202980	1	0.98	-73.95643	40.74780
## 203491	1	2.22	-73.95223	40.82398
## 203924	1	1.87	-73.94010	40.84077
## 204162	1	0.75	-73.94915	40.69531
## 205267	1	1.00	-73.98318	40.67732
## 205313	1	0.99	-73.95267	40.81083
## 205581	1	1.19	-73.95503	40.79963
## 205636	1	2.25	-73.98674	40.70228
## 206465	1	0.35	-73.93660	40.79868
## 206775	1	0.92	-73.95644	40.80301
## 206925	1	1.09	-73.93655	40.82042
## 207058	1	1.91	-73.86893	40.85439
## 207645	1	7.60	-73.95862	40.81556
## 207951	1	4.30	-73.92226	40.74376
## 208241	6	0.00	-73.91980	40.73800
## 208283	1	1.95	-73.95338	40.79130
## 208623	1	0.36	-73.97971	40.68211
## 209059	1	0.52	-73.95781	40.81509
## 210831	1	0.76	-73.94812	40.79805
## 211124	2	1.62	-73.94064	40.81414
## 211193	1	8.41	-73.98673	40.70224
## 211448	1	1.60	-73.98102	40.66756
## 211614	1	0.35	-73.99213	40.68420
## 211664	1	1.20	-73.84442	40.72136
## 212509	1	2.25	-73.93937	40.80523
## 212520	1	1.51	-73.93436	40.79745
## 212758	1	1.33	-73.94080	40.78873
## 212780	1	4.17	-73.92336	40.74331
## 213446	1	3.71	-73.91883	40.74302
## 213993	1	0.90	-73.97780	40.66685
## 214167	1	1.40	-73.92500	40.82769
## 215955	1	1.18	-73.94955	40.79333
## 216032	1	0.94	-73.95319	40.72799
## 216075	1	1.14	-73.94769	40.81491
## 216135	2	2.02	-73.93242	40.67514
## 216137	1	2.93	-73.83012	40.71369
## 216287	2	1.18	-73.91200	40.77521
## 216352	1	1.37	-73.92324	40.81699
## 216360	1	1.15	-73.83043	40.75957
## 216440	1	0.52	-73.93843	40.79625
## 216576	1	2.30	-73.90665	40.74252
## 216602	1	0.99	-73.99261	40.68680
## 217293	1	1.20	-73.94405	40.71155
## 217833	1	0.39	-73.84421	40.72141
## 217849	1	0.01	-73.98734	40.69453
## 218285	1	0.66	-73.94513	40.79959
## 218629	6	1.11	-73.94791	40.80882
## 218945	1	2.65	-73.94593	40.80429
## 218956	1	1.18	-73.95127	40.72438
## 219226	1	0.60	-73.94611	40.78946
## 219331	1	3.60	-73.83406	40.75768
## 219793	4	0.96	-73.88934	40.74720
## 220229	3	4.28	-73.95815	40.81520
## 220281	1	0.72	-73.95409	40.78712
## 220410	1	1.48	-73.97794	40.66595
## 220494	1	5.34	-73.89758	40.74945
## 220717	2	1.05	-73.94895	40.79443
## 220807	1	1.25	-73.89961	40.75401
## 221408	2	0.00	-73.89091	40.84913

## 221637	1	0.50	-73.91601	40.83959
## 222532	1	1.29	-73.99156	40.69127
## 222611	1	0.85	-73.92255	40.86716
## 223824	1	3.58	-73.93927	40.80524
## 223847	1	5.37	-73.92549	40.76189
## 223994	1	2.20	-73.94012	40.84074
## 224217	1	1.60	-73.95480	40.82019
## 224222	1	3.50	-73.92923	40.67907
## 224366	1	1.60	-73.88081	40.74772
## 225410	1	1.87	-73.98811	40.66713
## 227312	1	2.10	-73.93915	40.80541
## 227687	1	1.18	-73.94348	40.81029
## 227762	1	0.92	-73.92068	40.75679
## 228111	1	2.03	-73.96390	40.80833
## 228118	1	3.23	-73.94032	40.75041
## 228137	1	0.01	-73.94724	40.74805
## 228618	1	0.84	-73.92186	40.76637
## 228757	1	1.53	-73.84437	40.72102
## 228769	1	2.19	-73.80756	40.70035
## 229185	1	0.71	-73.91880	40.75886
## 229869	1	3.52	-73.97440	40.68336
## 229993	1	1.40	-73.95840	40.68176
## 230231	1	1.00	-73.98660	40.66937
## 230248	1	1.00	-73.94231	40.75407
## 230647	1	4.50	-73.97781	40.67127
## 230950	1	2.13	-73.96267	40.67241
## 231206	1	1.67	-73.91399	40.74384
## 231529	1	0.42	-73.94540	40.81279
## 231565	2	3.68	-73.98660	40.70259
## 232080	1	2.23	-73.89619	40.74637
## 232135	1	1.39	-73.84460	40.72015
## 233051	5	20.93	-73.91479	40.61489
## 233264	1	3.70	-73.99141	40.68536
## 233302	1	1.80	-73.98208	40.68939
## 233450	1	1.60	-73.92974	40.75639
## 233720	1	1.00	-73.84435	40.72136
## 233886	1	2.59	-73.95487	40.71411
## 233888	1	1.70	-73.95068	40.72379
## 234425	1	1.20	-73.90749	40.83636
## 234516	1	3.16	-73.98943	40.70265
## 234690	1	1.18	-73.99108	40.69239
## 234802	6	1.72	-73.97694	40.68337
## 234808	1	2.05	-73.99744	40.69107
## 235655	2	17.45	-73.98701	40.69345
## 235893	1	2.40	-73.95373	40.79081
## 236739	1	1.50	-73.94418	40.81479
## 236870	1	1.08	-73.84425	40.72130
## 236885	1	2.17	-73.80743	40.69951
## 236886	1	6.10	-73.98977	40.70236
## 236914	5	1.87	-73.91911	40.75893
## 237197	1	0.00	-73.91125	40.77582
## 237371	1	4.51	-73.99229	40.68941
## 237528	1	0.98	-73.95776	40.71772
## 237793	2	1.53	-73.99035	40.68678
## 237800	1	1.86	-73.93620	40.69690
## 238393	1	0.88	-73.95240	40.78656
## 238538	1	1.73	-73.87078	40.73398
## 238729	1	1.01	-73.95099	40.72426
## 239471	1	1.00	-73.88024	40.75014
## 240008	2	7.50	-73.97781	40.68470
## 240722	1	1.77	-73.96980	40.69281
## 240801	1	9.52	-73.88477	40.74763
## 240846	1	8.68	-73.83571	40.77211
## 240934	1	2.13	-73.93966	40.69583

## 241122	1	3.67	-73.91492	40.76395
## 241222	1	2.23	-73.93586	40.68572
## 241336	1	13.27	-73.88255	40.76728
## 241689	1	0.60	-73.93923	40.80530
## 241691	1	4.80	-73.95540	40.72746
## 241704	1	0.50	-73.99203	40.68450
## 241891	1	4.65	-73.99124	40.69197
## 242071	6	5.20	-73.92132	40.76007
## 242254	1	7.48	-73.91482	40.83904
## 242353	1	1.39	-73.95763	40.71797
## 242506	1	5.91	-73.92675	40.82825
## 242635	1	13.70	-73.95470	40.80532
## 243025	1	2.34	-73.96347	40.67678
## 243098	1	1.94	-73.97873	40.68386
## 243833	1	0.00	-73.89787	40.86033
## 244178	2	2.47	-73.91966	40.75932
## 244338	2	8.00	-73.88688	40.74732
## 244655	1	1.10	-73.92136	40.76701
## 245394	1	3.17	-73.93378	40.85418
## 245531	1	0.90	-73.93909	40.80519
## 245532	1	15.20	-73.95232	40.71863
## 245879	1	5.97	-73.98680	40.70254
## 246163	1	0.95	-73.94853	40.72338
## 246284	1	1.03	-73.93747	40.82402
## 246295	1	3.01	-73.95435	40.78736
## 247054	1	5.20	-73.96217	40.71168
## 247079	1	2.00	-73.96667	40.80395
## 247243	1	9.00	-73.94191	40.83331
## 247846	1	0.75	-73.89112	40.74691
## 247863	1	3.88	-73.93927	40.84242
## 247981	1	2.52	-73.96366	40.80289
## 248020	1	1.62	-73.99903	40.68414
## 248123	1	3.87	-73.94455	40.80624
## 248489	1	2.18	-73.84448	40.72144
## 248535	1	3.44	-73.88367	40.74756
## 249074	1	5.63	-73.94273	40.84060
## 249302	1	1.40	-73.87552	40.74962
## 249563	1	4.00	-73.91313	40.81361
## 249773	1	6.80	-73.98359	40.66445
## 250890	1	1.61	-73.95318	40.78867
## 251020	1	1.14	-73.95483	40.80014
## 251703	1	0.40	-73.95707	40.80195
## 251753	1	1.00	-73.94800	40.81726
## 252738	1	2.50	-73.98397	40.69347
## 252902	1	3.19	-73.98925	40.66960
## 253059	1	0.98	-73.94503	40.81374
## 253193	1	0.69	-73.94556	40.80785
## 253684	1	1.60	-73.82983	40.75963
## 254438	1	6.79	-73.93706	40.85063
## 254641	1	0.32	-73.95438	40.66664
## 254753	1	4.85	-73.95686	40.71662
## 255056	1	9.37	-73.84423	40.72135
## 255440	1	1.00	-73.95644	40.71888
## 255502	1	1.30	-73.97031	40.68954
## 255707	1	1.30	-73.92757	40.81133
## 256470	3	2.26	-73.99081	40.70267
## 256696	1	3.85	-73.99371	40.69387
## 256763	1	1.56	-73.95024	40.79736
## 256807	1	6.31	-73.93693	40.85503
## 256901	1	0.67	-73.90562	40.81552
## 256973	1	6.21	-73.94234	40.79463
## 257855	1	0.97	-73.93913	40.81661
## 258058	1	3.46	-73.98284	40.68988
## 258076	1	1.15	-73.95714	40.71842

## 258175	1	0.59	-73.92097	40.86771
## 258639	1	1.22	-73.83411	40.75767
## 258787	1	6.38	-73.92684	40.86570
## 259603	1	1.47	-73.83573	40.71792
## 259805	1	2.02	-73.94142	40.79866
## 259807	1	0.96	-73.95348	40.68067
## 260437	1	0.04	-73.86945	40.73414
## 260917	2	1.90	-73.94533	40.79069
## 261287	2	0.75	-73.91006	40.76446
## 261556	1	1.21	-73.93909	40.80521
## 262351	1	2.90	-73.95494	40.74722
## 262565	1	4.30	-73.89148	40.74664
## 262621	1	3.54	-73.99052	40.69391
## 263677	1	3.74	-73.95065	40.82639
## 264212	1	5.45	-73.95237	40.78953
## 264538	1	6.45	-74.02326	40.61968
## 264541	5	7.15	-73.94547	40.80767
## 264576	1	0.83	-73.86170	40.73058
## 264774	1	3.14	-73.86801	40.83149
## 265626	1	2.90	-73.93816	40.79716
## 265900	2	0.52	-73.94414	40.83511
## 266071	1	0.61	-73.99252	40.68959
## 267324	1	1.66	-73.93802	40.80467
## 267475	1	0.54	-73.95662	40.71694
## 267603	1	0.96	-73.95363	40.79080
## 268307	1	2.80	-73.98948	40.70242
## 268409	2	2.50	-73.96546	40.71355
## 268634	3	1.00	-73.94151	40.78775
## 268656	1	0.23	-73.89942	40.88643
## 268788	1	1.42	-73.84518	40.68022
## 268876	1	0.44	-73.94907	40.79111
## 269115	1	5.05	-73.91720	40.77106
## 269203	5	0.78	-73.90349	40.74524
## 270287	1	1.43	-73.96190	40.80519
## 270841	1	1.48	-73.92588	40.68756
## 271249	1	0.90	-73.98731	40.69212
## 271323	1	0.80	-73.91121	40.76854
## 271839	1	1.08	-73.90287	40.74141
## 272003	1	2.45	-73.95128	40.79106
## 272111	1	2.21	-73.90682	40.77345
## 272200	1	2.00	-73.95187	40.78635
## 272467	1	4.56	-73.95116	40.79119
## 272520	1	1.48	-73.84431	40.72152
## 272556	5	1.31	-73.95516	40.78795
## 272939	1	1.51	-73.99047	40.70242
## 273100	1	1.40	-73.95448	40.78961
## 273174	1	5.01	-73.94071	40.83933
## 273305	1	1.74	-73.93890	40.80227
## 274067	1	13.13	-73.80770	40.70043
## 274215	1	0.60	-73.96663	40.80441
## 274523	1	1.60	-73.98962	40.70242
## 274696	1	4.00	-73.95395	40.81140
## 274867	1	0.00	-73.88017	40.73532
## 275361	6	4.79	-73.92320	40.76338
## 275871	1	3.96	-73.99346	40.68756
## 276454	1	7.12	-73.94153	40.81338
## 276859	1	2.41	-73.94473	40.81656
## 276932	1	16.04	-73.94218	40.84138
## 277017	1	0.80	-73.89665	40.86109
## 277235	1	5.30	-73.97090	40.67514
## 277571	1	1.64	-73.95197	40.79907
## 278028	1	1.96	-73.98743	40.68555
## 278170	1	2.33	-73.92938	40.67574
## 278420	6	0.49	-73.92551	40.76219

## 278988	1	2.16	-73.93887	40.80505
## 279107	1	3.70	-73.91422	40.81888
## 279238	2	2.21	-73.94673	40.63183
## 280073	1	0.80	-73.92012	40.81675
## 280349	1	3.94	-73.95851	40.71909
## 280626	1	0.89	-73.91959	40.75833
## 280875	1	0.46	-73.92486	40.76867
## 281290	2	5.87	-73.99422	40.69027
## 281409	1	10.35	-73.93462	40.80149
## 281454	1	1.48	-73.94275	40.71497
## 281460	1	6.57	-73.93825	40.79221
## 281513	1	3.65	-73.91768	40.77001
## 281516	1	2.54	-73.89100	40.74658
## 282027	1	0.67	-73.94424	40.71463
## 282121	1	3.99	-73.95095	40.81032
## 282369	1	0.81	-73.98044	40.68865
## 282710	1	2.34	-73.84425	40.72095
## 282751	1	5.89	-73.95762	40.67174
## 283043	3	3.65	-73.97543	40.68634
## 283319	1	9.63	-73.83047	40.75952
## 283555	1	2.60	-73.98324	40.67294
## 283678	1	1.60	-73.91560	40.68279
## 283840	1	1.08	-73.89091	40.74654
## 283930	1	2.39	-73.95865	40.71496
## 284042	1	1.35	-73.96387	40.71047
## 284109	1	2.58	-73.97880	40.67024
## 284486	1	0.89	-73.92523	40.76215
## 284667	1	3.98	-73.87070	40.73319
## 284676	2	0.89	-73.84419	40.72099
## 284891	1	3.40	-73.96240	40.67774
## 285064	5	0.82	-73.94932	40.71363
## 285751	5	5.60	-73.87079	40.73339
## 286085	1	3.16	-73.95080	40.71111
## 286953	1	0.08	-73.83059	40.75963
## 287140	1	0.80	-73.88052	40.74802
## 287481	2	19.30	-73.93978	40.84120
## 287611	1	3.71	-73.94736	40.79925
## 287689	1	5.63	-73.94850	40.80344
## 287743	1	0.56	-73.95360	40.81116
## 288009	1	5.15	-73.95514	40.74603
## 288398	1	3.35	-73.86900	40.85333
## 288544	1	0.76	-73.94785	40.82498
## 288857	1	1.47	-73.93906	40.80558
## 289486	1	3.20	-73.96787	40.69611
## 289745	1	2.00	-73.94046	40.68056
## 289815	1	4.20	-73.89110	40.85773
## 290195	1	2.26	-73.95687	40.81719
## 290285	1	1.20	-73.95596	40.80371
## 290335	1	2.59	-73.95448	40.78756
## 290971	2	4.81	-73.95480	40.73342
## 291497	1	9.76	-73.91743	40.77002
## 291554	1	3.08	-73.92496	40.86172
## 293326	1	0.36	-73.90386	40.86463
## 293457	1	1.43	-73.91364	40.66559
## 293632	1	0.81	-73.95375	40.73386
## 293671	1	1.20	-73.95762	40.71794
## 293752	1	2.38	-73.94572	40.82769
## 293904	1	1.35	-73.93869	40.80518
## 294026	1	27.12	-74.00077	40.67583
## 294128	1	4.20	-73.94281	40.80658
## 294545	1	0.70	-73.95216	40.80867
## 294595	1	0.93	-73.96934	40.69317
## 294694	1	1.61	-73.97980	40.66888
## 294701	2	2.03	-73.94151	40.78739

## 294733	1	5.17	-73.96551	40.80606
## 294891	1	0.78	-73.95072	40.78589
## 295794	1	1.03	-73.94769	40.81501
## 296878	1	0.97	-73.91692	40.76146
## 297188	1	3.41	-73.98608	40.68932
## 297464	1	4.21	-73.92115	40.68058
## 297571	1	5.99	-73.93775	40.81282
## 297890	1	2.50	-73.97796	40.69027
## 298206	1	0.63	-73.99754	40.67472
## 298541	1	1.56	-73.95004	40.79585
## 298788	1	1.50	-73.94131	40.70012
## 299074	1	1.51	-73.93375	40.80266
## 299477	0	10.99	-73.94317	40.81510
## 299625	1	1.70	-73.86934	40.73475
## 299738	1	6.40	-73.94547	40.82282
## 300309	1	4.70	-73.95033	40.68047
## 300434	1	1.07	-73.96044	40.80780
## 300732	1	18.42	-73.92198	40.82675
## 301618	1	1.90	-73.94525	40.80832
## 302176	1	1.81	-73.97192	40.67642
## 302299	1	1.33	-73.94228	40.79479
## 302524	1	1.72	-73.92571	40.76186
## 302821	1	6.53	-73.96404	40.67206
## 303600	1	1.50	-73.94838	40.80923
## 303636	1	2.20	-73.92129	40.82656
## 303643	1	0.80	-73.91492	40.76378
## 303789	3	0.68	-73.99263	40.70198
## 303837	1	1.17	-73.91715	40.76120
## 304299	1	0.64	-73.94559	40.80793
## 304445	1	2.88	-73.80340	40.71706
## 304804	1	1.60	-73.94166	40.79875
## 305879	1	2.20	-73.95606	40.68130
## 305883	1	2.20	-73.96397	40.80825
## 305973	1	1.70	-73.90299	40.74566
## 306129	1	2.11	-73.95238	40.81065
## 306206	1	1.09	-73.97607	40.68372
## 306509	3	4.11	-73.92126	40.76662
## 306578	1	2.08	-73.95871	40.71495
## 306913	1	1.04	-73.98416	40.66820
## 306999	1	1.14	-73.95493	40.79939
## 307138	1	0.90	-73.92642	40.86579
## 307269	1	3.83	-73.94281	40.84070
## 307666	1	2.64	-73.98663	40.70162
## 307864	1	13.71	-73.86156	40.73050
## 308563	1	2.26	-73.96343	40.80889
## 308974	1	1.96	-73.86255	40.74998
## 309646	1	1.67	-73.99680	40.69331
## 309680	1	1.50	-73.98302	40.66520
## 309745	1	2.12	-73.98867	40.69344
## 309999	1	3.98	-73.89108	40.74689
## 310068	1	1.94	-73.99783	40.68307
## 310513	3	2.65	-73.86382	40.73265
## 310772	2	1.40	-73.94808	40.78973
## 311052	1	3.70	-73.99694	40.66435
## 311178	2	0.65	-73.93602	40.69701
## 311200	1	1.35	-73.95241	40.78984
## 311249	1	1.32	-73.89114	40.74657
## 311374	1	1.29	-73.92166	40.76023
## 311964	1	1.13	-73.99281	40.69347
## 312164	1	0.62	-73.94041	40.78908
## 312452	1	2.24	-73.98954	40.70229
## 312571	1	0.35	-73.99261	40.69440
## 312659	1	0.57	-73.96404	40.70945
## 312718	1	0.83	-73.95648	40.71696

## 312730	1	1.39	-73.98038	40.69957
## 312747	1	2.55	-73.97560	40.69334
## 313616	1	1.10	-73.97777	40.68472
## 313794	1	3.60	-73.95993	40.80134
## 314390	1	1.11	-73.91000	40.76973
## 314412	1	0.92	-73.94584	40.80716
## 314928	1	0.83	-73.84428	40.72133
## 314935	1	2.70	-73.99273	40.69350
## 315388	1	3.42	-73.95991	40.71572
## 315641	1	7.96	-73.89088	40.67643
## 315694	1	2.50	-73.99055	40.70253
## 315906	1	1.30	-73.99612	40.69099
## 316246	1	1.25	-73.96452	40.80738
## 316315	1	4.61	-73.94753	40.79299
## 316479	1	18.38	-73.87023	40.77106
## 316481	1	9.36	-73.92220	40.74382
## 316598	1	5.86	-73.93748	40.80436
## 317246	1	1.40	-73.98949	40.70240
## 318010	1	3.07	-73.93900	40.80521
## 319107	1	1.56	-73.96479	40.68285
## 319199	1	4.62	-73.96703	40.69336
## 319278	1	8.15	-73.98052	40.68871
## 319494	3	3.90	-73.96581	40.80538
## 319604	1	3.70	-73.98709	40.70402
## 321193	1	1.06	-73.92143	40.76666
## 322111	1	1.80	-73.96616	40.80476
## 322774	3	3.49	-73.97272	40.67742
## 322889	5	0.72	-73.91901	40.75895
## 324051	2	10.41	-73.88503	40.74760
## 324275	1	0.40	-73.94507	40.82418
## 324348	1	1.40	-73.92974	40.75635
## 324385	1	19.40	-73.82458	40.73437
## 324940	2	1.32	-73.78492	40.71236
## 325422	2	1.80	-73.84406	40.72117
## 325727	1	0.92	-73.95761	40.71788
## 325856	1	2.32	-73.97341	40.68613
## 326927	1	0.45	-73.96288	40.80417
## 327163	6	0.92	-73.94221	40.75420
## 327269	1	14.90	-73.98480	40.70237
## 327412	1	1.62	-73.96223	40.80516
## 327551	1	2.97	-73.95763	40.71790
## 327792	5	8.86	-73.95786	40.72177
## 329940	1	1.80	-73.89100	40.74683
## 329996	1	1.18	-73.98149	40.67513
## 330474	1	4.10	-73.95120	40.72384
## 331012	1	7.45	-73.94756	40.74751
## 331080	1	1.67	-73.89161	40.74666
## 331150	1	3.71	-73.95317	40.80351
## 331158	4	9.06	-73.89076	40.74688
## 331509	1	0.95	-73.95347	40.80689
## 331705	1	1.46	-73.96290	40.66032
## 332089	6	1.39	-73.88918	40.74504
## 332206	3	1.66	-73.87268	40.82988
## 332316	1	1.34	-73.95528	40.72023
## 332351	1	4.32	-73.91890	40.77882
## 332433	1	1.35	-73.93694	40.69264
## 334301	1	0.71	-73.99618	40.68599
## 334375	1	2.37	-73.96669	40.63255
## 334762	1	3.10	-73.94492	40.83421
## 334950	1	1.74	-73.94807	40.79858
## 334959	1	4.07	-73.92604	40.86606
## 335038	1	3.83	-73.95233	40.80310
## 335053	1	1.07	-73.88637	40.76100
## 335166	1	6.44	-73.97906	40.68494

## 335249	1	1.83	-73.96281	40.61284
## 335362	1	0.00	-73.94572	40.81768
## 335565	1	4.65	-73.96229	40.80510
## 335626	1	7.70	-73.91579	40.87100
## 335718	1	1.60	-73.95969	40.80130
## 335727	1	1.50	-73.94225	40.75410
## 335739	1	6.20	-73.93789	40.81799
## 336069	1	3.00	-73.89866	40.82528
## 336482	1	0.67	-73.96191	40.67727
## 337224	2	1.65	-73.95610	40.80349
## 337360	1	0.64	-73.94138	40.81867
## 337493	1	2.40	-73.95020	40.78570
## 337631	1	4.96	-73.93077	40.67240
## 337682	1	18.70	-73.96135	40.81106
## 338084	1	3.24	-73.94180	40.79843
## 338531	1	5.60	-73.96219	40.71795
## 339102	1	0.26	-73.93918	40.79926
## 339344	1	6.20	-73.86121	40.72998
## 339480	1	3.20	-73.95087	40.78590
## 339666	1	1.98	-73.95531	40.81995
## 340070	1	8.06	-73.89172	40.74677
## 340524	1	2.60	-73.91135	40.74451
## 340946	1	0.26	-73.97785	40.68469
## 340956	1	2.11	-73.95548	40.70769
## 341130	1	3.56	-73.95789	40.71771
## 341158	1	2.01	-73.94542	40.80779
## 341288	1	9.80	-73.92146	40.86769
## 341697	1	2.60	-73.95405	40.80091
## 342136	1	14.40	-73.99552	40.68787
## 342809	1	2.14	-73.94691	40.80599
## 343074	1	3.80	-73.95809	40.81536
## 343240	1	2.86	-73.94218	40.84196
## 343306	1	4.88	-73.88081	40.74805
## 343327	1	1.06	-73.95045	40.79511
## 343591	1	1.45	-73.83031	40.75947
## 344417	1	1.45	-73.92566	40.77220
## 344620	1	1.93	-73.97771	40.68459
## 346047	1	2.60	-73.95574	40.81386
## 346264	1	0.42	-73.93935	40.80550
## 346314	1	1.50	-73.92162	40.76678
## 346348	1	1.91	-73.88958	40.74924
## 346597	1	0.99	-73.91508	40.75403
## 346703	1	1.86	-73.97100	40.63035
## 346817	1	0.79	-73.95318	40.72794
## 346883	1	0.96	-73.95370	40.79072
## 347047	1	1.55	-73.99706	40.69260
## 347074	1	1.44	-73.96439	40.69373
## 347538	1	1.73	-73.94301	40.82328
## 347597	1	2.56	-73.91906	40.82588
## 348252	1	1.80	-73.92935	40.68427
## 349124	1	5.53	-73.89752	40.88363
## 349402	1	1.56	-73.95012	40.79594
## 349464	1	1.32	-73.94984	40.78552
## 349490	6	0.71	-73.84420	40.72180
## 349578	1	3.11	-73.98077	40.68993
## 349910	1	1.47	-73.95142	40.79101
## 350157	1	2.76	-73.95231	40.78983
## 350255	1	10.39	-73.95732	40.67973
## 350402	1	0.00	-73.94537	40.75153
## 350586	1	2.80	-73.86920	40.73417
## 352120	1	0.89	-73.99102	40.69216
## 352313	1	1.12	-73.96625	40.80464
## 352603	1	2.72	-73.93385	40.74497
## 352761	1	3.45	-73.94807	40.81458

## 353593	1	1.90	-73.91237	40.84790
## 353822	1	0.55	-73.90332	40.74588
## 354071	1	3.61	-73.97223	40.68998
## 354106	1	0.34	-74.01044	40.67216
## 354932	1	2.38	-73.92516	40.67909
## 354952	1	0.00	-73.98577	40.68968
## 355085	1	3.75	-73.98676	40.70172
## 355816	1	6.30	-73.93955	40.84156
## 356319	1	2.10	-73.94924	40.68036
## 357205	5	1.80	-73.80811	40.70041
## 357311	1	2.65	-73.90273	40.74578
## 357549	1	2.31	-73.98686	40.69329
## 357622	5	2.73	-73.99138	40.68532
## 357816	1	1.41	-73.80774	40.70042
## 358232	5	1.47	-73.96838	40.67915
## 358290	1	2.67	-73.89174	40.74799
## 358573	1	1.59	-73.85908	40.73649
## 358863	1	0.90	-73.98307	40.67299
## 359261	1	2.62	-73.86193	40.73037
## 359395	5	2.19	-73.99052	40.68646
## 359426	1	6.17	-73.95624	40.74655
## 359537	1	3.45	-73.92008	40.66802
## 360004	1	2.80	-73.89559	40.86232
## 360091	1	0.80	-73.94733	40.79672
## 360143	1	1.40	-73.92147	40.76669
## 360265	1	2.60	-73.94782	40.79560
## 360674	1	0.92	-73.86185	40.75015
## 360693	1	1.23	-73.94080	40.83929
## 360822	2	2.33	-73.93885	40.80489
## 360929	1	1.29	-73.99081	40.69510
## 361304	6	4.51	-73.89774	40.67573
## 362052	1	0.40	-73.89057	40.74638
## 362220	1	2.16	-73.94634	40.78909
## 362656	1	1.39	-73.92186	40.76680
## 363679	1	1.00	-73.87746	40.74860
## 363922	1	5.20	-73.95312	40.67456
## 364085	1	1.23	-73.94130	40.81367
## 364291	1	1.05	-73.94591	40.80806
## 364782	1	9.04	-73.94773	40.82535
## 365008	1	1.05	-73.96775	40.69323
## 365163	3	1.52	-73.93910	40.82149
## 365210	1	2.99	-73.94807	40.80890
## 365287	1	0.47	-73.94752	40.68031
## 365927	1	6.19	-73.93964	40.81588
## 365947	1	2.31	-73.91326	40.83950
## 366224	1	0.52	-73.91361	40.75658
## 366446	1	4.28	-73.82997	40.71377
## 366994	1	2.90	-73.95250	40.82388
## 367486	1	1.35	-73.97081	40.67544
## 368066	2	3.28	-73.87312	40.74885
## 368519	1	1.08	-73.95777	40.71777
## 368787	1	2.02	-73.98025	40.65681
## 368963	1	3.32	-73.97699	40.68312
## 369484	1	4.22	-73.94961	40.82261
## 370159	1	8.10	-73.97860	40.68993
## 370778	1	0.31	-73.93076	40.76545
## 370844	1	2.03	-73.89158	40.74671
## 371522	2	0.94	-73.95022	40.82674
## 371902	1	1.81	-73.95721	40.68908
## 372098	1	1.55	-73.92072	40.75977
## 372141	1	0.91	-73.95095	40.72425
## 372855	1	0.99	-73.94926	40.82256
## 372892	1	0.54	-73.94924	40.80178
## 372893	1	3.11	-73.94731	40.63250

## 373682	2	6.80	-73.92640	40.86584
## 373737	1	1.00	-73.95055	40.72179
## 373875	1	2.80	-73.98032	40.66837
## 374633	5	2.26	-73.93970	40.70745
## 374996	1	0.62	-73.96547	40.71365
## 375105	1	4.85	-73.99297	40.69277
## 375149	1	1.12	-73.98100	40.66762
## 375189	1	6.74	-73.92603	40.75442
## 375593	1	0.60	-73.92126	40.76339
## 375644	1	0.00	-73.91000	40.83241
## 375832	1	1.72	-73.95589	40.68235
## 376202	1	0.67	-73.95490	40.80503
## 376661	1	3.45	-73.93919	40.84231
## 376762	3	4.85	-73.98887	40.68898
## 376895	2	7.50	-73.99666	40.69080
## 376905	1	2.40	-73.97473	40.67559
## 376956	1	2.60	-73.91948	40.83278
## 377303	2	2.30	-73.94814	40.82943
## 377359	1	0.70	-73.93147	40.69740
## 377436	1	2.90	-73.95193	40.69219
## 377590	1	0.71	-73.84432	40.72151
## 377796	1	0.00	-73.96792	40.63963
## 377919	5	1.45	-73.89045	40.74688
## 378197	1	1.42	-73.85220	40.72664
## 378406	1	1.49	-73.96626	40.80457
## 379129	1	0.68	-73.94943	40.80758
## 379387	1	1.39	-73.94180	40.79847
## 379535	4	1.58	-73.93140	40.69735
## 379838	1	6.30	-73.98867	40.70103
## 380339	1	0.90	-73.95110	40.72443
## 380387	4	1.90	-73.89758	40.74944
## 380657	1	1.70	-73.98248	40.68267
## 380692	1	0.50	-73.95791	40.72195
## 380815	1	0.20	-73.98712	40.69204
## 381177	1	2.81	-73.89123	40.74696
## 381558	1	1.29	-73.90347	40.74547
## 381576	1	2.38	-73.92535	40.76172
## 381584	3	1.01	-73.93894	40.80237
## 381752	1	2.11	-73.93696	40.80482
## 381915	6	0.61	-73.89143	40.74655
## 381980	1	2.16	-73.92198	40.75525
## 382062	1	1.45	-73.91111	40.76858
## 382578	3	1.43	-73.89138	40.74642
## 382674	1	0.97	-73.95131	40.72363
## 382817	1	1.94	-73.91779	40.77004
## 382949	1	0.93	-73.98740	40.69164
## 384120	1	2.47	-73.94547	40.71449
## 384296	1	3.53	-73.92307	40.70757
## 384438	1	4.28	-73.95713	40.68837
## 384827	5	3.39	-73.92432	40.75626
## 384925	1	3.69	-73.95217	40.69334
## 385393	1	2.58	-73.94493	40.80824
## 385762	1	15.26	-73.93906	40.80526
## 385964	2	3.80	-73.95494	40.73427
## 386792	1	6.19	-73.94891	40.69539
## 386813	1	0.71	-73.92145	40.76654
## 386833	1	1.51	-73.99299	40.70244
## 387196	1	2.75	-73.91354	40.76565
## 387230	1	8.66	-73.91495	40.76027
## 387309	5	0.62	-73.90594	40.74644
## 387647	1	1.62	-73.89177	40.74698
## 387822	1	3.57	-73.95766	40.71782
## 388074	1	2.40	-73.95154	40.71394
## 388942	1	2.98	-73.94818	40.70694

## 388966	1	1.81	-73.95766	40.72219
## 389122	1	1.97	-73.95010	40.71403
## 389302	1	1.51	-73.89632	40.74619
## 389871	1	5.30	-73.96584	40.71356
## 389979	1	0.91	-73.89015	40.74715
## 390709	1	1.00	-73.93987	40.70774
## 391273	1	1.41	-73.94193	40.79830
## 391434	1	6.03	-73.95361	40.73026
## 391714	1	0.66	-73.96909	40.68933
## 392363	1	0.87	-73.94037	40.84058
## 392673	1	0.77	-73.94698	40.79705
## 392731	1	1.34	-73.94671	40.80038
## 393086	1	8.40	-73.92054	40.83036
## 393098	1	11.80	-73.95243	40.66142
## 393353	1	0.66	-73.93943	40.82170
## 393679	1	0.74	-73.88421	40.74748
## 394209	1	4.47	-73.78023	40.66759
## 394487	3	6.50	-73.98672	40.70238
## 395264	2	1.68	-73.93691	40.81250
## 395268	1	4.68	-73.95078	40.74996
## 395457	1	1.96	-73.97591	40.68374
## 395913	2	1.12	-73.94913	40.80184
## 395960	1	2.46	-73.94899	40.78500
## 395990	1	0.76	-73.99260	40.68906
## 396114	1	1.57	-73.94901	40.66024
## 396835	1	0.72	-73.91492	40.75294
## 397509	1	0.78	-73.92434	40.82720
## 397517	1	1.02	-73.89043	40.74683
## 397795	1	8.33	-74.00010	40.67835
## 397993	1	1.04	-73.92174	40.76665
## 399122	1	0.00	-73.94158	40.70033
## 399301	1	0.99	-74.00407	40.68468
## 399417	1	1.29	-73.94883	40.80337
## 399777	1	1.64	-73.95370	40.78798
## 399990	1	1.71	-73.95058	40.79514
## 400044	1	0.32	-73.87948	40.74685
## 400543	1	1.80	-73.94186	40.82640
## 401101	1	1.28	-73.98756	40.67162
## 401148	6	0.32	-73.99434	40.69876
## 401247	1	1.81	-73.99240	40.68930
## 401976	1	3.63	-73.86195	40.73046
## 402008	1	1.18	-73.95528	40.80451
## 402188	1	0.43	-73.96902	40.67964
## 402205	1	1.95	-73.91622	40.74628
## 402297	1	1.70	-73.92075	40.74362
## 402359	1	1.75	-73.94508	40.80017
## 402431	1	2.46	-73.93745	40.76765
## 402481	1	5.34	-73.95665	40.74790
## 404045	1	0.73	-73.95016	40.67334
## 404057	6	3.57	-73.92567	40.76176
## 404186	1	4.27	-73.87136	40.73417
## 404230	1	3.22	-73.95726	40.74545
## 404282	1	1.16	-73.95667	40.80263
## 404580	1	1.17	-73.99043	40.68681
## 404690	1	1.10	-73.95264	40.79834
## 405288	1	1.60	-73.83048	40.75946
## 405621	1	1.20	-73.93922	40.80550
## 406235	1	0.99	-73.93959	40.79031
## 406788	1	1.86	-73.93738	40.81604
## 406832	2	0.00	0.00000	40.78275
## 407229	1	2.80	-73.95293	40.81524
## 407247	1	1.92	-73.94987	40.79608
## 408134	1	1.80	-73.94122	40.79931
## 408341	1	0.00	-73.92603	40.81595

## 408347	1	0.21	-74.01778	40.63423
## 409113	1	3.50	-73.95111	40.82576
## 409198	1	1.09	-73.93861	40.79741
## 409276	1	3.15	-73.95752	40.80161
## 409487	1	3.66	-73.92402	40.69947
## 409519	1	3.46	-73.86395	40.73302
## 409603	1	1.48	-73.89733	40.75439
## 409810	1	1.98	-73.94304	40.82636
## 409989	1	1.99	-73.86374	40.73283
## 411148	2	0.75	-73.94381	40.74649
## 411550	1	1.37	-73.93926	40.84309
## 411769	1	1.49	-73.97782	40.68459
## 412277	1	6.95	-73.95756	40.80143
## 412444	1	2.19	-73.95242	40.82372
## 412497	1	0.40	-73.88106	40.74181
## 412987	1	1.67	-73.80726	40.69986
## 414123	1	0.42	-73.97627	40.67323
## 414167	1	1.99	-73.91771	40.77002
## 414490	1	1.94	-73.94112	40.79250
## 415052	1	0.00	-73.93386	40.79798
## 415354	1	0.85	-73.95811	40.72167
## 415439	1	5.01	-73.99780	40.68303
## 415589	1	1.76	-73.93074	40.65568
## 415805	1	2.01	-73.95598	40.80467
## 416614	1	1.80	-73.91241	40.75346
## 416838	1	3.20	-73.95443	40.71872
## 416913	1	2.90	-73.96306	40.71180
## 417810	1	8.02	-73.92132	40.82846
## 417886	1	2.31	-73.98974	40.69042
## 418799	5	2.75	-73.99039	40.69356
## 419906	5	8.46	-73.98669	40.67884
## 420688	5	0.59	-73.91145	40.77558
## 420696	1	0.44	-73.98702	40.70153
## 421456	1	1.77	-73.94226	40.75404
## 421624	1	7.99	-73.88316	40.74306
## 422151	1	0.33	-73.95854	40.71704
## 422333	1	1.20	-73.87433	40.73508
## 422811	1	1.44	-73.95777	40.72190
## 422840	1	4.67	-73.94859	40.67831
## 422841	1	1.02	-73.95502	40.73428
## 422898	1	0.92	-73.95096	40.71022
## 423150	1	1.49	-73.93047	40.75845
## 423226	1	1.62	-73.94920	40.79689
## 423910	1	2.20	-73.99613	40.69069
## 423981	2	1.70	-73.95544	40.80520
## 424110	1	0.45	-73.91715	40.76134
## 424324	1	1.04	-73.94398	40.82345
## 424341	1	3.45	-73.94745	40.80443
## 424898	1	1.20	-73.92595	40.81281
## 426297	1	1.16	-73.94379	40.81018
## 426478	2	1.14	-73.92254	40.76065
## 426719	1	6.18	-73.95476	40.71697
## 427382	1	3.70	-73.95555	40.80422
## 427433	1	1.20	-73.95761	40.71769
## 427703	4	0.99	-73.86287	40.75010
## 428170	1	5.10	-73.95284	40.68223
## 428268	1	2.03	-73.98306	40.67726
## 428367	1	2.26	-73.95641	40.68132
## 428498	1	0.57	-73.94269	40.80591
## 429134	5	5.05	-74.00773	40.67441
## 429208	3	0.83	-73.99302	40.70223
## 429388	1	4.78	-73.90878	40.76478
## 429556	1	0.80	-73.95865	40.72978
## 429739	2	1.41	-73.90339	40.74572

## 430121	3	5.17	-74.00360	40.68317
## 430645	1	6.70	-73.84454	40.72060
## 430801	1	4.00	-73.91490	40.65613
## 430864	1	0.58	-73.94537	40.80024
## 430890	1	1.75	-73.93759	40.80442
## 431054	1	1.62	-73.95379	40.74369
## 431273	2	1.22	-73.94170	40.79550
## 431275	1	2.25	-73.94727	40.81038
## 431762	1	3.89	-73.90285	40.74670
## 432207	1	8.63	-73.97099	40.63276
## 432264	2	1.36	-73.89074	40.74647
## 432269	1	1.55	-73.99423	40.69857
## 434247	1	4.10	-73.95958	40.71814
## 435565	1	0.39	-73.99821	40.67756
## 435746	1	3.31	-73.95692	40.71735
## 435754	1	0.98	-73.84412	40.72114
## 436591	2	7.04	-73.95846	40.68177
## 436715	2	0.60	-73.94952	40.72186
## 436837	1	10.17	-73.95823	40.71339
## 437397	1	17.01	-73.94381	40.82365
## 437488	1	0.00	-73.86363	40.56850
## 437825	1	1.40	-73.99192	40.68451
## 438518	1	1.78	-73.84428	40.72134
## 438819	1	1.78	-73.90277	40.74707
## 438896	1	1.97	-73.95581	40.71404
## 439625	1	1.06	-73.95660	40.72084
## 440279	1	2.15	-73.97667	40.68193
## 440545	1	6.48	-73.94724	40.81549
## 440633	1	3.47	-73.95168	40.71495
## 441067	6	6.83	-73.90288	40.77547
## 441199	2	0.10	-73.90463	40.85099
## 441214	3	8.90	-73.95770	40.72216
## 441417	1	4.10	-73.92159	40.76686
## 441452	1	0.40	-73.93913	40.80539
## 442229	1	2.96	-73.92329	40.70689
## 443000	1	6.37	-73.90474	40.74549
## 443705	1	2.54	-73.88718	40.74724
## 443928	1	2.42	-74.00029	40.67359
## 443975	5	8.78	-73.91725	40.76498
## 444271	1	0.60	-73.95559	40.80439
## 444520	1	1.00	-73.89103	40.74661
## 444606	1	3.00	-73.96265	40.71965
## 444765	1	1.30	-73.89088	40.74659
## 444870	1	1.19	-73.90434	40.74504
## 444901	1	0.77	-73.94498	40.80830
## 445300	3	5.62	-73.92571	40.76189
## 445597	1	0.58	-73.96348	40.71019
## 445930	2	0.78	-73.97222	40.67701
## 446060	3	18.10	-73.98116	40.68881
## 446247	1	1.40	-73.88379	40.74768
## 447342	1	0.60	-73.95406	40.81139
## 447577	1	0.29	-73.91783	40.77012
## 447732	1	6.76	-73.95233	40.79815
## 447806	6	5.16	-73.89055	40.74628
## 447870	6	0.73	-73.87730	40.74824
## 447907	3	0.65	-73.95145	40.82479
## 447933	1	2.07	-73.96248	40.68065
## 448244	2	1.88	-73.89796	40.74613
## 448531	2	2.10	-73.89091	40.74685
## 448551	1	0.62	-73.94080	40.71211
## 448630	1	0.91	-73.90822	40.83496
## 448976	1	1.00	-73.95838	40.71325
## 449190	1	1.70	-73.92764	40.86552
## 449220	1	1.90	-73.88031	40.74807

## 449471	1	1.56	-73.92694	40.81125
## 449855	1	1.83	-73.92554	40.74373
## 450013	1	2.87	-73.98190	40.57680
## 450310	1	1.60	-73.91779	40.74305
## 450361	2	1.90	-73.89651	40.74642
## 450423	1	1.49	-73.87376	40.75694
## 450466	1	0.37	-73.86147	40.83285
## 450702	1	8.73	-73.92949	40.85516
## 450841	1	0.60	-73.80770	40.69992
## 451004	1	9.38	-73.83068	40.75939
## 451030	1	2.00	-73.94619	40.81716
## 451568	1	0.60	-73.89726	40.86754
## 451962	1	5.35	-73.88628	40.76475
## 452955	1	2.48	-73.91608	40.83067
## 453009	1	9.81	-73.94463	40.82420
## 453225	1	1.09	-73.99400	40.68633
## 453698	1	0.96	-73.94608	40.71434
## 453981	1	2.84	-73.93985	40.80112
## 454139	1	0.94	-73.95377	40.78765
## 454162	1	1.89	-73.86739	40.74035
## 454166	1	1.75	-73.84429	40.72138
## 454641	1	1.04	-73.88100	40.74182
## 455118	3	1.30	-73.96909	40.67964
## 455351	2	2.80	-73.92560	40.76193
## 455537	5	0.76	-73.96616	40.69471
## 456283	3	2.79	-73.99246	40.70270
## 456290	1	1.99	-73.98176	40.67468
## 456449	1	3.22	-73.89102	40.74672
## 456537	5	8.65	-73.82732	40.71294
## 456891	2	7.40	-73.99444	40.66198
## 456897	2	4.03	-73.96401	40.68289
## 457385	1	5.40	-73.99890	40.68083
## 457591	1	1.59	-73.88871	40.67006
## 457785	1	0.77	-73.97852	40.68393
## 457800	1	3.40	-73.93765	40.79293
## 457955	2	0.67	-73.99241	40.68943
## 458304	1	1.62	-73.96289	40.68422
## 458811	1	2.37	-73.98728	40.69160
## 458827	1	6.63	-73.87653	40.75659
## 458930	1	1.10	-73.95533	40.71806
## 459427	1	0.72	-73.98734	40.69182
## 459833	1	2.31	-73.95445	40.74430
## 460707	3	1.85	-73.98605	40.66664
## 460832	1	1.99	-73.93976	40.78966
## 461463	1	2.40	-73.95550	40.68106
## 461793	1	0.78	-73.95226	40.81067
## 461887	1	7.24	-74.00021	40.68820
## 461919	1	7.74	-73.99091	40.68607
## 462113	1	1.76	-73.81508	40.69305
## 462816	1	1.76	-73.91528	40.84346
## 463178	1	1.10	-73.95379	40.80145
## 463179	1	0.70	-73.89019	40.83998
## 463334	1	9.00	-73.95261	40.67646
## 463498	1	1.50	-73.94565	40.80187
## 463545	1	0.90	-73.92759	40.77023
## 463704	1	1.81	-73.94726	40.82584
## 463760	1	3.75	-73.99315	40.69726
## 464305	1	1.65	-73.80745	40.70039
## 464331	1	1.39	-73.86922	40.73382
## 464676	2	2.08	-73.90439	40.74506
## 465099	1	9.01	-73.91555	40.76326
## 465108	5	1.49	-73.96478	40.68318
## 465377	1	2.68	-73.97415	40.68615
## 465560	1	5.15	-73.86022	40.71064

## 465609	4	9.26	-73.97988	40.66605
## 466226	2	3.60	-73.94653	40.63166
## 466794	1	2.24	-73.86922	40.73411
## 466852	1	1.70	-73.86182	40.73043
## 466864	1	3.83	-73.97015	40.69317
## 467963	1	1.61	-73.84422	40.72178
## 468563	1	6.40	-73.96145	40.71437
## 468725	1	2.60	-73.93919	40.80534
## 468749	1	1.40	-73.98034	40.68863
## 469058	5	0.90	-73.91300	40.74401
## 469262	1	1.14	-73.98725	40.69211
## 469274	1	1.77	-73.87099	40.73399
## 469495	1	0.85	-73.86697	40.75755
## 469801	2	1.07	-73.93938	40.80526
## 469883	1	1.59	-73.92492	40.82778
## 469938	2	3.67	-73.95906	40.71655
## 471197	1	2.90	-73.99246	40.68962
## 471859	1	3.41	-73.95233	40.78982
## 474142	3	1.08	-73.91894	40.74301
## 474294	1	2.87	-73.93909	40.80507
## 475009	1	2.20	-73.82989	40.75968
## 475395	2	2.64	-73.94643	40.69569
## 475423	2	1.73	-73.92539	40.76182
## 475602	1	2.00	-73.93904	40.80504
## 476598	2	1.19	-73.99437	40.68103
## 476603	1	3.25	-73.98260	40.67361
## 476663	1	0.80	-73.83043	40.75948
## 476690	1	2.64	-73.91689	40.76161
## 476799	1	2.51	-73.93931	40.67804
## 477052	1	1.60	-73.80818	40.69879
## 477207	1	7.03	-73.95589	40.74708
## 477558	1	1.67	-73.95734	40.69078
## 477682	1	2.24	-73.95361	40.79087
## 478615	1	4.10	-73.93566	40.79575
## 479034	1	2.84	-73.99091	40.69236
## 479043	1	7.89	-73.98885	40.68917
## 479183	1	0.97	-73.80788	40.70059
## 479229	1	0.89	-73.97465	40.68007
## 479459	2	0.98	-74.01044	40.67213
## 479807	1	3.52	-73.93935	40.80556
## 479961	1	3.55	-73.88027	40.74822
## 480078	5	2.63	-73.86377	40.73282
## 481068	2	3.13	-73.93925	40.68529
## 481206	1	0.80	-73.95461	40.80558
## 481694	1	2.11	-73.97346	40.67736
## 482006	1	1.16	-73.94272	40.83142
## 482228	1	0.58	-73.91206	40.77509
## 482528	1	1.40	-73.94449	40.79473
## 482568	1	3.10	-73.95426	40.80414
## 482646	1	2.40	-73.93341	40.79882
## 482674	1	0.96	-73.96378	40.80287
## 483017	1	6.53	-73.91203	40.74590
## 483299	1	9.84	-73.99144	40.69176
## 483474	1	1.49	-73.97762	40.68689
## 483535	1	1.59	-73.80724	40.70015
## 483756	1	2.42	-73.95661	40.71432
## 483776	2	4.78	-73.87099	40.83977
## 483828	5	3.30	-73.95571	40.71968
## 484394	1	7.55	-73.93902	40.80812
## 484632	1	2.87	-73.96030	40.71548
## 484665	1	1.74	-73.95805	40.72374
## 484800	1	6.54	-73.98920	40.68869
## 485584	2	4.13	-73.94453	40.71457
## 485588	2	0.85	-73.86992	40.73365

## 485694	1	14.94	-73.80693	40.69897
## 485745	1	4.33	-73.80707	40.69925
## 486346	1	0.65	-73.89670	40.74621
## 486791	1	0.22	-73.96248	40.80496
## 486874	1	2.64	-73.83038	40.75956
## 486911	1	5.39	-73.95419	40.72984
## 487035	1	10.14	-73.88404	40.74762
## 487087	1	4.50	-73.87272	40.74875
## 487714	1	0.78	-73.95682	40.74819
## 487769	1	9.21	-73.83038	40.71363
## 487916	1	6.10	-73.95082	40.66143
## 488042	1	2.42	-73.90261	40.64548
## 488059	1	0.64	-73.93098	40.74448
## 488840	5	3.19	-73.94027	40.71085
## 489145	1	1.79	-73.94633	40.78565
## 489294	1	3.25	-73.94014	40.78946
## 489329	1	3.15	-73.93916	40.80544
## 489354	1	7.56	-73.89181	40.82478
## 489395	1	0.88	-73.97279	40.69254
## 489402	1	1.30	-73.92115	40.76675
## 490124	2	9.68	-73.85253	40.84470
## 490140	1	5.58	-73.97826	40.67960
## 490282	1	7.30	-73.99226	40.69890
## 490284	1	0.40	-73.96402	40.71963
## 490375	1	1.80	-73.84423	40.72139
## 490673	1	1.66	-73.94750	40.74788
## 490715	1	1.36	-73.89240	40.76676
## 490942	1	0.61	-73.91358	40.76571
## 490946	1	0.44	-73.98243	40.67392
## 491169	1	1.27	-73.93909	40.79092
## 491359	1	5.67	-73.91286	40.74604
## 491628	1	2.18	-73.87105	40.84005
## 491656	1	1.10	-73.97664	40.68714
## 491981	1	1.45	-73.92162	40.86766
## 492452	6	4.28	-73.99613	40.69609
## 493836	1	0.73	-73.93855	40.81718
## 494043	1	0.18	-73.95762	40.71795
## 494163	1	3.92	-73.90722	40.74205
## 494462	1	2.49	-73.94754	40.80126
## 495036	1	1.60	-73.95767	40.81157
## 495357	1	4.30	-73.86717	40.67889
## 495417	1	2.60	-73.98352	40.69371
## 495431	1	0.20	-73.99789	40.68287
## 495552	1	2.09	-73.95414	40.80623
## 495601	6	0.96	-73.99509	40.67987
## 495746	1	1.44	-73.88041	40.74800
## 496051	1	3.89	-73.91805	40.74660
## 496145	2	1.01	-73.89305	40.75090
## 496189	1	0.97	-73.93768	40.85535
## 496268	2	2.47	-73.94910	40.78504
## 496320	1	3.28	-73.87917	40.82885
## 496412	1	4.17	-73.93791	40.81231
## 496727	1	0.59	-73.99760	40.68806
## 496929	1	0.90	-73.95045	40.82623
## 497296	1	4.70	-73.93911	40.80498
## 497487	5	0.90	-73.95043	40.81118
## 497593	1	0.23	-73.94113	40.83147
## 497875	1	1.69	-73.95170	40.73052
## 498082	1	0.67	-73.99251	40.68936
## 498117	2	1.71	-73.93937	40.80755
## 498342	1	0.75	-73.97869	40.68444
## 499103	1	0.65	-73.88556	40.74576
## 499107	2	1.02	-73.83055	40.75935
## 499307	1	1.27	-73.91924	40.74308

## 499458	1	0.00	-73.87125	40.73406
## 500391	1	2.70	-73.95898	40.67818
## 500464	1	1.90	-73.98673	40.70171
## 500677	1	2.20	-73.99114	40.69653
## 501561	1	1.81	-73.96253	40.81006
## 501830	1	2.18	-73.95588	40.68122
## 501916	1	0.78	-73.92393	40.68917
## 502177	1	4.70	-73.98920	40.69371
## 502292	1	6.70	-73.95222	40.78964
## 503311	1	1.80	-73.91780	40.83725
## 503709	1	0.31	-73.94347	40.83605
## 504092	1	0.10	-73.95938	40.81445
## 504102	1	2.80	-73.97935	40.68398
## 504363	1	3.80	-73.94083	40.83973
## 504597	1	1.14	-73.93673	40.81992
## 505100	3	1.80	-73.96253	40.80487
## 505481	1	4.23	-73.94294	40.84053
## 505864	1	2.92	-73.98277	40.68600
## 506198	1	3.90	-73.88654	40.87090
## 506526	1	42.20	-73.86628	40.87276
## 506542	1	19.00	-73.82737	40.85316
## 506560	1	10.90	-73.94180	40.71384
## 506911	1	2.60	-73.84429	40.72132
## 506955	1	1.04	-73.80351	40.71681
## 507202	1	1.21	-73.95499	40.82005
## 507342	1	1.19	-73.95595	40.71947
## 508831	2	6.10	-73.95837	40.81060
## 508892	1	5.40	-73.99255	40.69411
## 508964	1	0.90	-73.91028	40.76954
## 509165	1	0.55	-73.95245	40.78959
## 509256	1	3.15	-73.89094	40.74653
## 509677	2	3.03	-73.93172	40.75364
## 509876	1	0.95	-73.91106	40.77594
## 509975	3	4.25	-73.94548	40.81800
## 510086	1	0.42	-73.98118	40.67538
## 510185	1	0.86	-73.98681	40.70398
## 510201	1	5.52	-73.83953	40.71970
## 510818	1	2.77	-73.95922	40.81468
## 511158	1	1.50	-73.86920	40.73375
## 511523	2	1.30	-73.88660	40.75547
## 511675	1	0.70	-73.94528	40.80827
## 512812	1	1.69	-73.84399	40.72104
## 513572	1	8.23	-73.93314	40.79609
## 513594	1	3.74	-73.99113	40.68857
## 513659	1	1.42	-73.95760	40.71792
## 513861	1	2.46	-73.80790	40.70056
## 514039	1	5.16	-73.95191	40.78982
## 514818	1	2.90	-73.96194	40.80535
## 514831	1	6.40	-73.95317	40.79099
## 515143	1	0.97	-73.96237	40.80493
## 515434	1	2.14	-73.84422	40.72162
## 515470	2	1.78	-73.95560	40.78781
## 515522	1	3.02	-73.83002	40.71376
## 515829	1	5.36	-73.96139	40.80632
## 516030	2	1.14	-73.92023	40.75746
## 516106	1	0.98	-73.99088	40.66760
## 516487	1	0.44	-73.94975	40.80207
## 516627	1	8.96	-73.86572	40.74123
## 516875	1	6.54	-73.93832	40.80481
## 517097	1	4.61	-73.82336	40.71312
## 517118	1	2.57	-73.82037	40.70231
## 517594	1	4.00	-73.95710	40.74860
## 517733	1	0.70	-73.92150	40.76664
## 517832	1	0.51	-73.93871	40.79968

## 517930	2	1.32	-73.95525	40.79977
## 518164	1	1.64	-73.94622	40.68072
## 518455	1	0.77	-73.95764	40.71788
## 518806	1	0.95	-73.96133	40.81177
## 518862	1	3.07	-73.91738	40.76086
## 518986	1	0.79	-73.92593	40.74420
## 519431	6	1.65	-73.90347	40.74538
## 519746	1	4.43	-73.94656	40.80077
## 519806	1	0.90	-73.85273	40.69343
## 519970	1	3.20	-73.93907	40.80513
## 520212	1	2.90	-73.92707	40.81848
## 520393	1	0.95	-73.89093	40.74656
## 520568	1	1.87	-73.95099	40.81038
## 520950	2	2.07	-73.92089	40.75660
## 522020	1	4.61	-73.95375	40.71816
## 522400	1	0.70	-73.97310	40.67811
## 522594	1	1.40	-73.88052	40.75614
## 522830	1	4.72	-73.93595	40.85006
## 523025	1	0.75	-73.94840	40.80875
## 523124	1	5.01	-73.80704	40.69914
## 523148	1	3.31	-73.94466	40.80887
## 523168	1	1.20	-73.80800	40.70194
## 523355	1	0.78	-73.95697	40.69881
## 523359	1	3.48	-73.94975	40.82610
## 523833	1	12.53	-73.86988	40.73365
## 523856	1	2.60	-73.91892	40.74306
## 524164	1	1.70	-73.93908	40.80537
## 524176	3	2.70	-73.95877	40.65055
## 524245	1	0.90	-73.97794	40.68498
## 524348	1	3.60	-73.95126	40.81028
## 524398	2	1.40	-73.95246	40.78983
## 524714	5	1.03	-73.98685	40.70243
## 524750	6	1.06	-73.95794	40.72192
## 525189	1	1.28	-73.91772	40.77002
## 525316	1	1.23	-73.95863	40.68230
## 525713	1	1.40	-73.91153	40.77550
## 525884	1	0.81	-73.94715	40.71135
## 526231	1	1.05	-73.98234	40.67402
## 526418	1	3.52	-73.94195	40.70061
## 526443	1	1.34	-73.95279	40.80610
## 526614	1	1.05	-73.93584	40.82022
## 526971	1	4.90	-73.95158	40.71432
## 527179	1	16.07	-73.97459	40.59026
## 527230	1	1.65	-73.89405	40.72406
## 527372	1	1.62	-73.95782	40.67098
## 527531	5	0.67	-73.89995	40.86236
## 527564	1	4.17	-73.95158	40.71509
## 527614	1	4.00	-73.95991	40.71824
## 527772	6	0.41	-73.89897	40.74599
## 527892	1	2.85	-73.98947	40.66540
## 528373	1	2.90	-73.91747	40.76996
## 528454	1	11.50	-73.99789	40.69132
## 528914	1	4.37	-73.92717	40.76285
## 528960	1	8.31	-73.89060	40.75880
## 528992	1	3.42	-73.95635	40.74877
## 529338	1	0.80	-73.93333	40.76360
## 530073	1	2.24	-73.95349	40.79099
## 530124	1	4.19	-73.97923	40.57944
## 530273	6	4.49	-73.98314	40.66896
## 530924	1	8.68	-73.91875	40.76570
## 531145	1	1.50	-73.90083	40.81316
## 531379	1	0.24	-73.98612	40.66912
## 531718	5	0.69	-73.93621	40.84975
## 531787	1	1.11	-73.89560	40.76839

## 532591	3	1.48	-73.86337	40.76671
## 532828	1	1.30	-73.98598	40.66139
## 532939	1	1.58	-73.95128	40.81007
## 533273	1	1.60	-73.90472	40.74175
## 533383	1	2.20	-73.94531	40.72531
## 533628	1	0.70	-73.88827	40.65565
## 533695	1	0.90	-73.95734	40.71772
## 533955	2	2.16	-73.87209	40.75109
## 534379	2	1.39	-73.95522	40.80457
## 534397	2	0.05	-74.08338	40.64220
## 535291	1	6.66	-73.90140	40.86288
## 536821	1	1.32	-73.98384	40.66411
## 536838	1	1.16	-73.95113	40.71406
## 537041	1	5.82	-73.93520	40.85133
## 537398	1	1.15	-73.93945	40.80170
## 537467	1	6.48	-73.94477	40.80890
## 537795	1	1.50	-73.89354	40.85048
## 538183	1	1.57	-73.94069	40.75579
## 538223	1	2.10	-74.00314	40.57701
## 538552	1	0.73	-73.91195	40.77522
## 538880	1	0.89	-73.95428	40.78903
## 538897	1	7.50	-73.93938	40.80540
## 539044	1	2.89	-73.94083	40.78851
## 541016	1	8.20	-73.93819	40.69590
## 541345	1	1.60	-73.95126	40.82558
## 541375	1	1.40	-73.94414	40.78402
## 541379	1	0.70	-73.94377	40.79274
## 541588	1	3.25	-73.94496	40.81347
## 541759	2	6.20	-73.93805	40.82289
## 542218	1	6.21	-73.84837	40.82005
## 542520	1	1.34	-73.94482	40.80887
## 543116	1	2.40	-73.91779	40.77000
## 543224	1	1.49	-73.98316	40.68637
## 543300	1	2.04	-73.98655	40.66896
## 543641	3	1.33	-73.89265	40.74716
## 543744	1	0.73	-73.94458	40.79482
## 544650	1	0.63	-73.95451	40.80660
## 545222	1	1.42	-73.95316	40.78863
## 545788	1	0.59	-73.94006	40.81493
## 545809	1	2.67	-73.93912	40.80510
## 546215	2	2.13	-73.93784	40.80382
## 546235	1	3.30	-73.94993	40.82217
## 546277	1	0.51	-73.88387	40.74753
## 546316	1	1.29	-73.97151	40.67636
## 546462	1	4.10	-73.90118	40.71479
## 546580	5	1.55	-73.96621	40.80405
## 546613	1	3.61	-73.92137	40.76663
## 546665	1	2.73	-73.96231	40.80514
## 546944	3	1.50	-73.96351	40.80383
## 546981	1	3.00	-73.87660	40.74888
## 547714	1	0.55	-73.94627	40.80692
## 548075	5	3.75	-73.99042	40.69393
## 548092	6	1.03	-73.92151	40.76676
## 548172	1	1.08	-73.90887	40.82369
## 548209	1	5.53	-73.91865	40.77017
## 548227	1	0.74	-73.94361	40.80163
## 549733	1	2.20	-73.95781	40.71454
## 549934	3	1.71	-73.95348	40.78805
## 550026	1	2.58	-73.98945	40.70245
## 550252	3	0.61	-73.95090	40.78582
## 550390	1	1.58	-73.95306	40.82270
## 550500	1	1.76	-73.95686	40.80249
## 550752	1	1.27	-73.95284	40.72732
## 550873	1	2.46	-73.95375	40.81132

## 551326	2	1.54	-73.95374	40.78805
## 551813	1	3.03	-73.89171	40.74810
## 551887	1	6.38	-73.98686	40.69545
## 551915	2	0.90	-73.94241	40.82821
## 552044	1	0.90	-73.94463	40.79180
## 552142	1	11.80	-73.89716	40.60995
## 552240	1	1.50	-73.95363	40.58732
## 553402	5	1.23	-73.95432	40.58765
## 553545	1	1.55	-73.90362	40.74582
## 553719	1	1.28	-73.95392	40.81644
## 553969	1	2.66	-73.95959	40.80851
## 554310	1	0.57	-73.82990	40.71373
## 554763	1	4.48	-73.94247	40.80660
## 555857	1	1.29	-73.95965	40.80135
## 556072	1	1.78	-73.93818	40.80329
## 556294	5	2.30	-73.94909	40.79419
## 556517	1	3.22	-73.94908	40.72642
## 556554	1	1.65	-73.96288	40.71217
## 556713	1	1.00	-73.91129	40.69971
## 557094	1	1.40	-73.95771	40.71791
## 557177	1	1.12	-73.92792	40.75214
## 557195	1	0.51	-73.94437	40.79183
## 557435	1	1.86	-73.98006	40.68161
## 557455	5	1.62	-73.95570	40.68119
## 557581	1	3.47	-73.96095	40.71908
## 558132	1	0.90	-73.91780	40.77005
## 558425	1	4.20	-73.96630	40.80859
## 558448	1	2.44	-73.95253	40.79235
## 558587	1	0.96	-73.94452	40.80921
## 559115	2	1.03	-73.96117	40.71463
## 559575	2	7.93	-73.94024	40.84076
## 559954	1	1.74	-73.82999	40.71376
## 560000	5	1.41	-73.89142	40.74659
## 560280	3	0.00	-73.93802	40.84810
## 560426	1	0.70	-73.94317	40.74674
## 560457	2	5.30	-73.95092	40.71101
## 560469	2	4.00	-73.98286	40.67760
## 560742	1	1.14	-73.93341	40.70565
## 561149	1	0.94	-73.95925	40.71602
## 561629	1	1.32	-73.95718	40.70818
## 562127	1	1.39	-73.96527	40.71409
## 562414	1	2.05	-73.84454	40.72141
## 562651	2	1.50	-73.96893	40.67795
## 563221	1	2.09	-73.94644	40.80988
## 563536	3	1.53	-73.93134	40.83122
## 563575	1	0.92	-73.94923	40.82832
## 563711	1	1.06	-73.95541	40.69480
## 564024	1	1.65	-73.95377	40.74359
## 564272	1	1.15	-73.95762	40.71788
## 564345	1	2.92	-73.91777	40.77003
## 564368	1	1.61	-73.90337	40.67820
## 564588	1	6.24	-73.92722	40.81891
## 565363	1	1.07	-73.94921	40.68037
## 565901	1	2.51	-73.93668	40.69780
## 566003	1	5.75	-73.89091	40.74675
## 566306	1	4.15	-73.94979	40.71545
## 566479	1	1.97	-73.84457	40.72199
## 566525	1	2.35	-73.92191	40.75502
## 566600	2	0.19	-73.90503	40.86277
## 566697	2	0.90	-73.91486	40.76399
## 566770	1	1.10	-73.95907	40.70875
## 566837	1	0.70	-73.94516	40.80816
## 566885	1	1.00	-73.99038	40.67120
## 567482	5	0.75	-73.91969	40.75805

## 567581	1	2.08	-73.94697	40.72559
## 567995	2	1.60	-73.98740	40.69168
## 568230	2	1.37	-73.95791	40.67095
## 569553	1	5.72	-73.91207	40.77515
## 569603	5	1.31	-73.83027	40.75946
## 569776	1	1.70	-73.88416	40.74798
## 571115	1	6.50	-73.92280	40.76482
## 571420	1	0.36	-73.97924	40.67827
## 571541	1	0.00	-73.93169	40.67747
## 572302	1	1.43	-73.95805	40.80040
## 572748	1	0.50	-73.91507	40.76384
## 572800	1	5.60	-73.93827	40.81194
## 572987	2	2.40	-73.96274	40.71020
## 572996	1	2.10	-73.94259	40.81189
## 573287	1	1.78	-73.96355	40.80323
## 573324	1	0.78	-73.91918	40.75907
## 573634	1	0.64	-73.94856	40.79469
## 574412	1	3.84	-73.92204	40.86510
## 574431	1	10.19	-73.83479	40.70748
## 574625	1	1.44	-73.95413	40.81647
## 574777	1	2.50	-73.98096	40.69360
## 574978	1	4.78	-73.93428	40.68435
## 576366	4	0.83	-73.98840	40.67066
## 576641	1	2.02	-73.90684	40.84877
## 576763	1	2.75	-73.92811	40.85770
## 577159	1	1.15	-73.96710	40.69336
## 577184	1	3.15	-73.94861	40.68568
## 577367	2	0.94	-73.95348	40.80709
## 577629	1	7.02	-73.95034	40.68411
## 577638	2	12.10	-73.93426	40.85327
## 577767	1	1.50	-73.96641	40.70528
## 577829	1	1.10	-73.95763	40.69055
## 578196	1	0.20	-73.96550	40.68142
## 578398	1	0.83	-73.93843	40.85057
## 578616	1	2.22	-73.89757	40.77108
## 578860	5	4.96	-73.90233	40.84845
## 579168	1	3.66	-73.90289	40.86584
## 579470	1	0.67	-73.95671	40.71678
## 579661	1	4.70	-73.97352	40.67465
## 579977	1	3.10	-73.92771	40.76423
## 580156	1	1.00	-73.95184	40.79897
## 580329	1	0.80	-73.86205	40.73045
## 580516	1	1.12	-73.95770	40.67057
## 580968	1	0.43	-73.88881	40.74932
## 581210	6	4.28	-73.93459	40.76479
## 581230	1	1.52	-73.94233	40.78644
## 581325	1	3.65	-73.91774	40.77003
## 581667	1	2.55	-73.93783	40.79275
## 581992	2	3.60	-73.94066	40.83988
## 582195	1	0.80	-73.94646	40.81666
## 582624	1	2.66	-73.96254	40.81004
## 582734	1	2.23	-73.90329	40.74587
## 582889	1	0.46	-73.95042	40.82625
## 583222	1	1.13	-73.96659	40.80445
## 583307	3	6.03	-73.96144	40.81013
## 584561	1	1.22	-73.95669	40.71444
## 584617	1	1.65	-73.98036	40.66029
## 584844	1	0.64	-73.95446	40.78909
## 584880	1	1.30	-73.95767	40.71788
## 585123	1	7.00	-73.94969	40.69796
## 585268	6	3.41	-73.93267	40.66283
## 585482	1	8.07	-73.94095	40.84135
## 585542	1	5.27	-73.92929	40.76392
## 585548	1	8.16	-73.92297	40.82660

## 586015	1	1.60	-73.97700	40.68398
## 586456	5	3.79	-73.94362	40.72598
## 586698	1	1.70	-73.87370	40.75397
## 586886	1	0.90	-73.95238	40.79974
## 586899	1	2.76	-73.93793	40.80461
## 586982	1	0.96	-73.97729	40.67216
## 587549	1	10.51	-73.84476	40.72152
## 587912	1	8.40	-73.98289	40.68993
## 587916	1	1.30	-73.96518	40.71437
## 587962	1	1.00	-73.88255	40.74781
## 587989	1	0.70	-73.87660	40.74840
## 588536	6	0.76	-73.84425	40.72133
## 588988	1	0.93	-73.97100	40.67270
## 589244	1	1.15	-73.97543	40.66901
## 589502	3	1.83	-73.98680	40.70242
## 589562	1	1.99	-73.95867	40.69759
## 589776	1	7.34	-73.99248	40.68960
## 589998	1	2.80	-73.92525	40.76528
## 590200	1	1.00	-73.91856	40.75875
## 590314	1	1.60	-73.95114	40.78597
## 590705	1	0.72	-73.91615	40.76446
## 591076	1	2.49	-73.93900	40.80482
## 591474	1	2.72	-73.94288	40.78571
## 592404	1	5.15	-73.96378	40.80317
## 592562	1	2.50	-73.97600	40.68383
## 592565	1	3.80	-73.95423	40.58740
## 592570	1	4.60	-73.83412	40.75748
## 593055	1	10.50	-73.92680	40.81921
## 593604	1	0.72	-73.92165	40.76679
## 593840	1	2.05	-73.99085	40.69285
## 594230	1	2.90	-73.93004	40.81974
## 594715	1	0.61	-73.93007	40.75648
## 594958	5	0.76	-73.91764	40.77004
## 594991	1	2.15	-73.90219	40.86271
## 595174	1	10.33	-73.90336	40.85299
## 595440	1	12.05	-73.98673	40.70180
## 595824	1	3.60	-73.91759	40.77002
## 596061	2	1.60	-73.88383	40.74750
## 596151	1	1.20	-73.95773	40.71779
## 596216	6	0.82	-73.92963	40.75956
## 596809	5	1.95	-73.98699	40.70253
## 596816	1	0.49	-73.95285	40.81094
## 597325	1	1.10	-73.95412	40.79007
## 597346	1	2.35	-73.94680	40.71139
## 597977	1	1.40	-73.80746	40.69946
## 598138	5	4.27	-73.95813	40.72184
## 598663	3	5.51	-73.97687	40.68388
## 599624	1	0.61	-73.95387	40.80640
## 599687	1	1.56	-73.94025	40.84063
## 599927	2	1.71	-73.94196	40.82299
## 599991	1	1.53	-73.92496	40.82774
## 600558	3	8.67	-73.94265	40.84099
## 602451	1	0.00	-73.90444	40.85117
## 602470	1	1.40	-73.91506	40.68546
## 602607	1	1.60	-73.95521	40.80474
## 603008	1	0.36	-73.94225	40.84111
## 603025	1	0.54	-73.99421	40.68594
## 603264	5	0.05	-73.87209	40.73482
## 603269	1	1.06	-73.94124	40.78795
## 603496	1	0.23	-73.84425	40.72140
## 603515	1	2.03	-73.91444	40.81853
## 603538	6	0.70	-73.97601	40.68385
## 604311	1	1.50	-73.95199	40.81046
## 604976	1	2.50	-73.97552	40.69333

## 605166	1	5.81	-73.95748	40.71801
## 605212	1	6.40	-73.98196	40.67433
## 605289	1	1.40	-73.96407	40.80831
## 605561	1	2.40	-73.99249	40.68951
## 605582	1	1.00	-73.93743	40.80449
## 605793	1	9.90	-73.93822	40.68307
## 606197	1	1.18	-73.80771	40.70011
## 606675	5	1.19	-73.95576	40.68132
## 606690	3	7.23	-73.94666	40.80046
## 606968	1	0.00	0.00000	40.79237
## 607334	1	2.32	-73.94286	40.74711
## 607845	1	4.92	-73.93859	40.83369
## 607977	1	4.94	-73.98678	40.70241
## 608111	1	0.80	-73.96239	40.80504
## 609072	1	3.64	-73.87194	40.73419
## 609228	1	2.46	-73.89606	40.74647
## 609372	1	3.35	-73.97594	40.68176
## 609901	1	4.07	-73.97673	40.68190
## 610014	1	3.51	-73.88111	40.74184
## 610286	1	1.18	-73.84426	40.72159
## 610733	1	2.90	-73.93994	40.84056
## 610774	1	1.80	-73.94814	40.80400
## 610785	1	8.90	-73.87453	40.73504
## 611396	1	1.34	-73.95152	40.71414
## 611601	1	2.65	-73.91001	40.76731
## 611645	1	0.84	-73.92139	40.76664
## 612262	1	2.56	-73.97771	40.68457
## 612548	1	2.40	-73.94667	40.68029
## 613997	1	0.00	-73.94477	40.82672
## 614157	1	0.70	-73.94512	40.80804
## 614346	1	0.58	-73.93489	40.69690
## 614456	1	1.43	-73.92772	40.69779
## 614495	1	0.66	-73.92165	40.75563
## 614692	1	0.81	-73.91813	40.77019
## 614782	1	0.58	-73.97269	40.69320
## 614868	1	1.83	-73.95535	40.80446
## 614987	1	17.10	-73.93907	40.80560
## 615512	1	0.92	-73.92633	40.77491
## 615884	1	0.84	-73.96647	40.71131
## 616361	6	9.15	-73.88847	40.74707
## 616385	1	1.60	-73.87700	40.75651
## 616444	1	2.10	-73.88235	40.74791
## 616672	1	6.70	-73.95220	40.74537
## 616734	2	4.20	-73.90780	40.69050
## 616742	1	2.40	-73.94040	40.75124
## 617123	1	1.76	-73.94245	40.79071
## 617509	1	5.60	-73.96986	40.67781
## 617540	5	1.08	-73.94653	40.80078
## 617701	1	1.15	-73.89989	40.74651
## 617813	1	1.05	-73.95135	40.78619
## 617852	1	1.11	-73.94576	40.80803
## 618842	1	3.91	-73.94839	40.74519
## 619104	1	3.00	-73.95139	40.74330
## 619148	1	2.20	-73.87590	40.73590
## 619451	1	0.89	-73.91269	40.75607
## 619603	1	1.44	-73.92568	40.69785
## 620416	1	2.15	-73.94434	40.74641
## 620763	1	1.34	-73.94938	40.80237
## 620864	5	1.76	-73.82745	40.85271
## 621049	1	5.78	-73.98961	40.69076
## 621552	1	1.70	-73.98180	40.57695
## 621702	1	1.40	-73.93909	40.80532
## 622525	1	1.03	-73.95254	40.72676
## 622825	1	0.73	-73.99792	40.68288

## 623920	5	5.67	-73.93443	40.81409
## 624066	1	2.20	-73.96671	40.68735
## 624225	2	5.40	-73.94794	40.78473
## 624239	1	6.20	-73.90347	40.74536
## 624700	1	5.55	-73.82997	40.71369
## 625051	1	0.48	-73.95097	40.82580
## 625182	1	0.95	-73.95278	40.78907
## 625415	1	0.79	-73.94366	40.80157
## 625894	6	4.92	-73.96564	40.80562
## 625975	1	1.90	-73.92797	40.76976
## 626024	1	1.98	-73.94427	40.79143
## 626127	1	4.50	-73.85275	40.84245
## 627132	1	0.70	-73.95219	40.82428
## 627804	1	1.05	-73.97900	40.67851
## 627907	1	0.98	-73.95522	40.80455
## 629069	2	0.65	-73.94118	40.79638
## 629548	1	1.66	-73.97591	40.68367
## 630058	1	25.38	-73.91219	40.60076
## 630566	1	0.84	-73.93719	40.80161
## 630773	1	7.14	-73.94258	40.84091
## 630936	1	1.02	-73.96191	40.80565
## 631008	1	1.66	-73.91104	40.76868
## 631026	1	1.61	-73.94533	40.80785
## 631076	1	1.42	-73.91654	40.81666
## 631427	1	1.74	-73.94166	40.78735
## 631429	1	0.78	-73.91978	40.66301
## 631724	1	3.33	-73.99052	40.69362
## 631967	2	6.56	-73.91129	40.76840
## 632266	1	2.10	-73.98479	40.66857
## 632758	1	1.17	-73.99242	40.68943
## 632839	4	7.29	-73.95222	40.78984
## 633077	1	0.62	-73.94469	40.81392
## 633177	1	1.04	-73.92339	40.74392
## 633248	1	0.94	-73.94028	40.80919
## 634070	4	3.20	-73.85281	40.69605
## 634364	1	3.70	-73.99604	40.69507
## 634613	1	0.74	-73.95490	40.78917
## 634631	1	0.72	-73.95404	40.79100
## 634694	1	1.33	-73.95688	40.81727
## 634711	1	1.78	-73.94974	40.80199
## 634718	1	0.81	-73.94635	40.68031
## 635189	1	3.84	-73.95510	40.80488
## 635934	1	1.89	-73.93759	40.80453
## 636049	1	3.19	-73.98036	40.68864
## 636073	3	3.40	-73.95275	40.81077
## 636241	1	12.69	-73.94402	40.65585
## 636666	2	0.60	-73.91456	40.67183
## 636744	1	2.80	-73.96487	40.71049
## 636821	1	0.25	-73.96451	40.80716
## 637178	1	1.88	-73.95929	40.80096
## 637288	5	0.73	-73.91192	40.77538
## 637593	5	2.19	-73.90340	40.74576
## 637696	1	0.06	-73.95387	40.81134
## 638125	1	4.85	-73.94323	40.78939
## 638145	1	1.11	-73.95388	40.79055
## 638320	5	2.60	-73.94608	40.78953
## 638474	1	1.61	-73.96211	40.80547
## 638741	1	19.40	-73.96629	40.69574
## 638771	1	1.30	-73.93235	40.74459
## 638942	1	8.20	-73.96347	40.71666
## 639208	1	1.70	-73.98439	40.66039
## 639241	1	0.90	-73.96132	40.69935
## 639375	1	0.00	-73.98349	40.68894
## 639401	1	1.26	-73.84425	40.72144

## 639651	1	3.09	-73.94089	40.83985
## 639776	1	2.87	-73.80728	40.70009
## 639949	1	1.01	-73.98705	40.69218
## 640035	2	0.64	-73.86752	40.85686
## 640038	1	2.63	-73.83128	40.71471
## 640183	1	1.34	-73.84438	40.72141
## 640356	1	0.67	-73.87950	40.74080
## 640765	1	1.67	-73.95462	40.78929
## 640848	5	4.22	-73.88390	40.74745
## 640868	2	1.97	-73.95361	40.79080
## 641021	1	0.68	-73.93976	40.67992
## 641195	1	5.52	-73.99268	40.68343
## 641207	1	4.03	-73.95892	40.71681
## 641331	1	4.45	-73.98959	40.70253
## 641694	1	1.00	-73.99068	40.69450
## 641707	1	2.70	-73.95781	40.71772
## 643085	1	0.70	-73.88233	40.74763
## 643523	1	0.95	-73.84465	40.72012
## 643633	1	3.13	-73.98901	40.69592
## 643708	1	0.00	-73.95364	40.80632
## 643713	5	2.28	-73.93793	40.85135
## 643821	1	1.09	-73.82990	40.71370
## 644378	1	1.16	-73.98019	40.66843
## 644591	1	1.78	-73.89055	40.74617
## 644898	1	2.50	-73.88308	40.74302
## 645237	1	6.60	-73.98966	40.68002
## 645726	1	0.76	-73.95668	40.80247
## 645783	1	1.25	-73.84460	40.72147
## 645956	1	1.79	-73.97620	40.67479
## 646242	1	6.46	-73.84608	40.85668
## 647050	1	2.32	-73.95340	40.78860
## 647332	1	0.33	-73.98300	40.68856
## 647495	2	3.04	-73.99113	40.66351
## 647556	2	1.21	-73.95163	40.72704
## 647630	1	1.00	-73.94086	40.81752
## 647729	1	1.12	-73.86480	40.73452
## 647797	1	2.04	-73.95713	40.69084
## 648406	1	2.20	-73.94373	40.80150
## 648524	1	0.70	-73.99402	40.68637
## 648848	1	0.95	-73.94787	40.79565
## 649500	1	0.52	-73.94262	40.81696
## 649582	1	0.70	-73.95028	40.81320
## 649612	1	0.93	-73.94859	40.82562
## 649799	1	0.71	-73.93743	40.81030
## 650001	1	2.23	-73.91891	40.74298
## 650834	5	7.79	-73.98677	40.70182
## 651452	1	2.20	-73.94803	40.80894
## 651567	1	0.27	-73.91191	40.77481
## 651604	1	1.74	-73.93915	40.80541
## 651764	1	0.49	-73.90354	40.86270
## 652043	1	0.61	-73.86090	40.83358
## 652425	1	0.66	-73.97594	40.68415
## 652570	1	2.23	-73.94479	40.80904
## 653092	1	2.84	-73.96017	40.71973
## 653752	1	7.00	-73.97697	40.68174
## 653989	1	2.00	-73.95242	40.80495
## 654817	1	0.66	-73.96217	40.80542
## 655089	1	1.60	-73.95766	40.81144
## 655642	1	0.34	-73.92357	40.76117
## 655790	1	3.62	-73.96412	40.67987
## 656036	1	8.88	-73.95018	40.81164
## 656609	2	1.67	-73.97603	40.68706
## 657151	1	7.71	-73.95026	40.74386
## 657520	1	2.86	-73.84440	40.72145

## 657559	1	0.52	-73.96111	40.71997
## 657878	1	2.03	-73.84415	40.72120
## 658680	1	0.00	-73.95246	40.71200
## 658762	1	0.66	-73.98709	40.69173
## 658870	1	0.88	-73.96218	40.81014
## 659204	1	3.70	-73.89108	40.74657
## 659601	2	6.29	-73.89177	40.74659
## 661326	1	0.90	-73.96362	40.71036
## 661653	1	2.29	-73.98918	40.66986
## 661990	1	0.62	-73.95766	40.71800
## 662023	1	4.10	-73.95887	40.72229
## 662322	1	1.19	-73.80702	40.69903
## 662987	1	1.58	-73.92750	40.69253
## 663381	1	9.20	-73.85130	40.84060
## 663406	1	0.66	-73.94569	40.80787
## 663933	1	6.07	-73.97842	40.67458
## 664024	1	3.62	-73.95618	40.81299
## 664121	1	9.13	-73.94621	40.67945
## 664217	1	4.45	-73.96612	40.71211
## 664455	1	6.90	-73.98682	40.70247
## 664988	1	0.81	-73.94758	40.79634
## 665020	1	1.10	-73.94424	40.80962
## 665747	1	2.39	-73.94364	40.81040
## 665953	1	1.70	-74.00009	40.67841
## 666143	1	4.60	-73.96050	40.81669
## 666184	1	0.60	-73.94076	40.81427
## 666537	3	1.14	-73.95369	40.69117
## 666958	1	0.77	-73.90334	40.74577
## 666967	1	0.85	-73.96781	40.71084
## 667037	1	0.87	-73.94018	40.81522
## 667050	1	4.65	-73.94986	40.66021
## 667230	2	1.75	-73.96570	40.80530
## 667381	6	2.46	-73.83913	40.72534
## 667677	1	2.16	-73.87264	40.84129
## 667818	6	0.93	-73.90781	40.81673
## 667920	1	1.36	-73.93875	40.84485
## 668379	1	3.60	-73.99518	40.67987
## 668771	1	0.50	-73.96529	40.68590
## 669079	1	2.21	-73.98730	40.69210
## 669391	1	0.00	-73.90206	40.76406
## 669440	1	0.77	-73.94846	40.79509
## 669473	1	1.80	-73.91148	40.76826
## 669757	1	1.60	-73.95495	40.78770
## 669765	1	0.60	-73.98730	40.69181
## 669771	5	2.27	-73.96690	40.80415
## 669911	1	0.98	-73.92286	40.81723
## 670147	1	1.57	-73.97058	40.69201
## 670163	1	6.00	-74.15900	40.62432
## 670926	1	12.10	-73.95028	40.67209
## 671069	1	2.80	-73.88925	40.71234
## 671208	1	1.40	-73.95710	40.81421
## 671248	1	0.50	-73.90465	40.77196
## 671364	5	0.40	-73.87628	40.74868
## 672743	1	8.30	-73.95345	40.78828
## 673168	1	0.40	-73.94952	40.80211
## 673465	1	1.01	-73.92118	40.76680
## 673790	1	0.97	-73.93917	40.79525
## 673854	1	0.85	-73.95187	40.80908
## 674302	1	0.82	-73.94862	40.80359
## 674395	1	1.09	-73.98849	40.67032
## 674446	1	1.53	-73.96814	40.68794
## 674979	1	0.90	-73.90807	40.76060
## 675172	1	6.50	-73.91131	40.76851
## 675247	1	0.20	-73.93893	40.80497

## 675472	1	1.62	-73.94809	40.78681
## 675541	2	2.07	-73.94003	40.84073
## 675568	1	3.82	-73.99303	40.69296
## 675741	1	1.35	-73.92485	40.82228
## 675940	1	0.37	-73.95789	40.81594
## 676011	5	16.04	-73.88046	40.85665
## 676369	1	1.28	-73.92088	40.82649
## 676394	1	1.64	-73.94530	40.79366
## 676631	1	3.50	-73.90714	40.65560
## 677072	6	2.19	-73.92154	40.76681
## 677293	1	1.74	-73.96124	40.80195
## 677465	3	7.13	-73.97742	40.69649
## 677537	1	1.79	-73.94859	40.80878
## 677850	1	0.63	-73.95947	40.80118
## 677949	1	1.39	-73.89558	40.74637
## 678403	1	1.10	-73.97780	40.68474
## 679715	1	3.66	-73.92061	40.75654
## 680308	2	4.57	-73.93333	40.70496
## 680379	1	1.66	-73.96644	40.80399
## 680500	1	1.30	-73.95053	40.80735
## 680995	1	0.72	-73.95377	40.79883
## 681383	1	1.36	-73.95417	40.78727
## 681391	1	1.16	-73.93790	40.79712
## 681449	1	1.99	-73.94520	40.80803
## 682010	3	1.81	-73.95952	40.68044
## 682058	5	0.77	-73.89278	40.74881
## 682136	1	0.60	-73.94263	40.79411
## 682180	1	1.73	-73.88574	40.85882
## 682319	1	0.82	-73.92314	40.76089
## 682685	1	1.43	-73.97170	40.67613
## 682759	1	4.81	-73.89883	40.83169
## 683259	1	3.10	-73.91183	40.76784
## 683467	2	1.50	-73.94887	40.79444
## 683717	1	3.00	-73.87820	40.75639
## 684163	1	3.46	-73.91758	40.76996
## 684353	1	1.19	-73.95648	40.68553
## 684463	1	2.29	-73.94324	40.80217
## 684638	1	0.46	-73.82993	40.71368
## 685052	1	1.21	-73.92300	40.81710
## 686007	1	2.70	-73.94976	40.74833
## 686199	1	1.80	-73.94384	40.68013
## 686301	3	0.90	-73.93769	40.82678
## 686434	1	2.54	-73.87109	40.73401
## 686454	1	1.42	-73.96215	40.71313
## 686747	1	0.57	-73.95272	40.79845
## 687210	1	1.00	-73.99043	40.70264
## 687539	1	0.88	-73.95646	40.71695
## 689007	2	3.90	-73.98835	40.68977
## 689232	1	4.70	-73.84658	40.72358
## 689859	1	1.65	-74.01244	40.67770
## 690010	1	1.75	-73.80671	40.70658
## 690105	5	0.28	-73.95100	40.80264
## 690416	1	0.40	-73.95621	40.81881
## 690619	1	1.24	-73.93004	40.75678
## 690735	1	1.56	-73.92239	40.75524
## 691755	2	0.75	-73.97639	40.67308
## 692143	1	9.77	-73.83038	40.75952
## 692580	1	1.30	-73.94466	40.82412
## 692921	2	1.30	-73.99543	40.68316
## 692954	1	2.80	-73.95879	40.65052
## 693235	1	2.30	-73.96358	40.69534
## 693332	1	3.10	-73.89291	40.64934
## 694162	1	0.69	-73.94052	40.72448
## 694657	1	1.84	-73.95192	40.78633

## 695128	1	0.65	-73.98918	40.68871
## 695384	1	2.68	-73.89642	40.74628
## 695443	1	1.77	-73.97794	40.68420
## 695662	1	0.34	-73.94987	40.80190
## 695802	1	3.24	-73.84409	40.72112
## 695924	3	2.82	-73.99305	40.69717
## 696377	2	1.50	-73.95473	40.78919
## 697015	2	0.60	-73.88629	40.74454
## 697335	1	1.38	-73.96513	40.71436
## 697475	1	0.97	-73.99015	40.68102
## 697716	1	0.82	-73.97564	40.67948
## 697884	1	0.63	-73.94798	40.71423
## 698312	1	0.22	-73.91846	40.83356
## 698533	1	1.70	-73.91780	40.84322
## 698621	1	4.17	-73.98387	40.69487
## 698637	1	1.76	-73.94753	40.81509
## 698874	1	0.56	-73.96668	40.80424
## 698932	1	1.59	-73.95202	40.69245
## 698951	1	0.72	-73.94196	40.81754
## 699196	1	1.03	-73.95065	40.80555
## 699224	1	4.70	-73.96433	40.71584
## 699600	1	3.55	-73.87104	40.73408
## 699752	3	1.51	-73.97614	40.68367
## 699834	3	34.85	-74.00069	40.59997
## 700174	1	2.50	-73.96259	40.71754
## 700360	2	3.50	-73.92309	40.70679
## 700378	1	0.60	-73.91758	40.77002
## 700389	1	2.70	-73.97092	40.69340
## 700584	1	0.43	-73.91476	40.75277
## 700634	1	0.74	-73.86519	40.87706
## 701716	1	2.05	-73.95670	40.81385
## 701808	1	0.78	-73.92339	40.76788
## 701968	1	0.75	-73.84426	40.72130
## 701971	1	3.41	-73.94804	40.71120
## 702140	1	1.28	-73.98040	40.66839
## 702300	1	0.04	-73.95251	40.80834
## 702520	1	5.29	-73.95798	40.64438
## 703628	1	6.90	-73.93333	40.79518
## 703638	1	1.40	-73.92758	40.75773
## 704055	1	3.20	-73.95271	40.81041
## 704060	1	2.50	-73.94708	40.63218
## 705353	1	3.81	-73.98712	40.69575
## 705458	1	1.26	-73.94818	40.80139
## 705495	1	2.45	-74.00314	40.65091
## 705976	2	0.46	-73.93826	40.84629
## 706112	1	2.23	-73.97030	40.68957
## 706187	1	2.09	-73.95270	40.81081
## 706315	1	4.12	-73.95516	40.80467
## 706364	2	4.05	-73.91612	40.77184
## 706411	1	2.65	-73.99124	40.66339
## 707040	1	1.66	-73.94651	40.78504
## 707135	4	4.70	-73.91817	40.67684
## 707575	1	4.70	-73.98644	40.70392
## 707839	1	1.82	-73.95010	40.78537
## 707870	3	1.91	-73.74699	40.75697
## 707973	6	1.55	-73.92219	40.69873
## 709116	5	2.86	-73.97468	40.68013
## 709703	1	1.68	-73.94970	40.80962
## 710041	1	16.61	-73.93922	40.80556
## 710421	1	3.43	-73.98316	40.67731
## 711092	3	2.90	-73.92552	40.68008
## 712145	1	2.73	-73.92181	40.68875
## 712298	2	6.35	-73.98692	40.70238
## 712819	1	0.90	-73.98390	40.67630

## 713022	5	1.40	-73.92233	40.75523
## 713213	6	1.47	-73.89095	40.74646
## 713662	2	1.25	-73.99319	40.68265
## 713869	1	1.22	-73.96024	40.71545
## 714560	2	4.00	-73.95744	40.67213
## 714641	1	1.50	-73.95011	40.65619
## 715593	1	2.43	-73.91882	40.75916
## 715698	1	2.55	-73.83191	40.71482
## 716139	1	0.97	-73.90506	40.74537
## 716369	3	6.26	-73.92290	40.74345
## 716534	1	1.65	-73.98854	40.69895
## 716725	1	1.15	-73.96198	40.71584
## 716747	1	0.73	-73.99181	40.69032
## 717188	5	12.78	-73.90446	40.74537
## 717202	1	0.95	-73.89090	40.74691
## 717234	1	3.14	-73.94998	40.71761
## 717417	1	0.82	-73.97480	40.68716
## 717623	1	3.77	-73.99201	40.69017
## 717644	2	4.92	-73.85286	40.72228
## 717752	1	10.95	-73.94547	40.74600
## 717883	4	7.90	-73.89368	40.75478
## 718242	3	7.20	-73.97855	40.68386
## 718337	1	9.60	-73.93996	40.70811
## 718945	1	2.22	-73.93991	40.81545
## 718958	1	1.62	-73.94535	40.78365
## 719052	1	0.91	-73.92184	40.68940
## 719517	1	0.60	-73.88363	40.74773
## 720887	2	0.40	-73.95590	40.71415
## 720937	1	1.00	-73.96747	40.63770
## 721395	1	2.28	-73.95536	40.72202
## 721396	1	1.52	-73.98898	40.68850
## 721425	2	1.00	-73.89997	40.64407
## 721565	5	0.59	-73.88932	40.74704
## 721609	1	0.51	-73.80661	40.69857
## 721687	1	6.02	-73.95821	40.72160
## 721856	1	0.00	-73.94588	40.67141
## 722282	1	1.72	-73.88550	40.74748
## 722561	1	1.41	-73.94020	40.81482
## 722580	1	7.12	-73.92386	40.70662
## 723687	1	2.40	-73.96645	40.68142
## 724542	2	0.95	-73.89007	40.74688
## 725267	1	0.00	0.00000	40.78836
## 725321	1	2.75	-73.92460	40.67907
## 725405	1	1.79	-73.95162	40.71431
## 726315	1	1.60	-73.91353	40.76574
## 726445	1	0.85	-73.94263	40.79439
## 726461	1	2.94	-73.95498	40.73425
## 726495	1	3.80	-73.95625	40.80321
## 726599	1	1.49	-73.90489	40.87908
## 726808	1	3.32	-73.95625	40.74688
## 727024	1	2.54	-73.88136	40.74799
## 727189	1	1.90	-73.95413	40.82143
## 727489	1	6.08	-73.98679	40.70243
## 728008	1	6.21	-73.95738	40.80169
## 728068	1	6.70	-73.90533	40.74182
## 728420	5	0.62	-73.95083	40.78574
## 728568	1	2.15	-73.91306	40.76919
## 729228	1	1.40	-73.95023	40.78557
## 729278	1	2.83	-73.95071	40.78576
## 729651	1	3.40	-73.99455	40.69008
## 730250	1	1.39	-73.94123	40.78811
## 731263	6	3.92	-73.86225	40.72986
## 731868	1	0.85	-73.94067	40.79308
## 731885	1	0.66	-73.94717	40.82577

## 732936	1	1.81	-73.98125	40.67267
## 733468	1	1.40	-73.99527	40.68377
## 733947	1	5.21	-73.94254	40.79460
## 734140	1	2.12	-73.94974	40.79618
## 734549	1	5.11	-73.92557	40.77252
## 734733	1	6.08	-73.88409	40.74770
## 734792	1	0.00	-73.83258	40.87046
## 734964	1	1.04	-73.94788	40.79834
## 735243	1	1.18	-73.93692	40.80209
## 735244	1	8.23	-73.94214	40.84187
## 735349	1	1.90	-73.86412	40.74954
## 735456	1	1.00	-73.95759	40.80144
## 735954	1	1.89	-73.98904	40.67014
## 736055	1	1.85	-73.99883	40.67631
## 736522	1	0.97	-73.93825	40.80553
## 737002	1	1.83	-73.98896	40.68880
## 737845	1	1.20	-73.94275	40.82334
## 737878	1	1.50	-73.91711	40.86901
## 737956	1	3.00	-73.95609	40.80356
## 737966	1	3.40	-73.88150	40.74940
## 738483	3	2.07	-73.98916	40.70264
## 739314	1	1.97	-73.93869	40.80521
## 739481	1	8.59	-73.80196	40.66309
## 739484	1	5.13	-73.94144	40.84189
## 739798	1	3.67	-73.94920	40.79396
## 740236	1	1.40	-73.94452	40.79476
## 740535	1	0.65	-73.97877	40.68390
## 741227	1	2.94	-73.94224	40.75407
## 741269	5	0.84	-73.94997	40.82348
## 741450	1	3.43	-73.96442	40.68295
## 741738	1	6.32	-73.93462	40.85252
## 741937	1	1.24	-73.96402	40.67896
## 742073	1	0.00	-73.90096	40.74579
## 742085	1	4.67	-73.84770	40.83613
## 742262	1	1.30	-73.99220	40.68964
## 742751	1	2.00	-73.90682	40.75317
## 742755	3	3.70	-73.95022	40.81162
## 742872	1	1.00	-73.94691	40.63203
## 742885	1	1.80	-73.91777	40.77003
## 742909	1	1.20	-73.88692	40.81979
## 743195	1	1.07	-73.98405	40.67187
## 743618	1	8.07	-73.84661	40.72426
## 743628	2	2.56	-73.94171	40.78722
## 743849	1	1.46	-73.97987	40.66886
## 743972	1	3.36	-73.84589	40.85587
## 744070	1	0.90	-73.89155	40.74665
## 744367	1	3.03	-73.99461	40.69778
## 744387	1	4.68	-73.86915	40.73394
## 744417	1	5.05	-73.81261	40.69729
## 745003	1	2.62	-73.90161	40.88309
## 745266	3	1.51	-73.86915	40.73431
## 745543	1	2.90	-73.83216	40.76318
## 745669	1	0.50	-73.91089	40.86168
## 745760	1	1.60	-73.95519	40.80458
## 745950	1	3.00	-73.87807	40.75642
## 746017	1	5.30	-73.85333	40.72700
## 746106	1	4.50	-73.95938	40.72053
## 746217	1	0.62	-73.99110	40.69259
## 746286	1	0.85	-73.99950	40.65889
## 746625	1	3.36	-73.99502	40.69681
## 747197	1	1.74	-73.94221	40.75412
## 747568	1	3.02	-73.94482	40.82389
## 747607	1	3.56	-73.91891	40.74333
## 747785	1	1.41	-73.98174	40.66698

## 748219	1	2.47	-73.95580	40.67176
## 748942	1	2.70	-74.01057	40.67217
## 748986	1	2.00	-73.95991	40.71386
## 749235	1	3.90	-73.94894	40.80323
## 749445	1	0.62	-73.96269	40.67266
## 749457	1	1.19	-73.98659	40.69206
## 749504	1	1.04	-73.93543	40.85064
## 749543	1	0.63	-73.97048	40.68773
## 749604	1	1.60	-73.97810	40.68777
## 750001	1	0.69	-73.92140	40.76680
## 750095	1	2.65	-73.93786	40.80390
## 750137	2	2.99	-74.01209	40.64687
## 750378	5	3.35	-73.93905	40.84874
## 750494	2	0.82	-73.88420	40.74756
## 750702	1	3.27	-73.93911	40.80552
## 750909	1	0.89	-73.88392	40.74780
## 750912	1	9.42	-73.94088	40.81387
## 751061	1	2.97	-73.92773	40.69276
## 751253	1	3.50	-73.93900	40.80506
## 751452	1	3.04	-73.96490	40.67403
## 751679	1	4.95	-73.94469	40.79134
## 751791	1	3.74	-73.97769	40.68036
## 751824	1	2.45	-73.97640	40.68200
## 752107	1	2.30	-73.91911	40.76569
## 752648	1	3.70	-73.95256	40.79000
## 752981	1	2.39	-73.93999	40.80501
## 753301	1	0.90	-73.91885	40.75887
## 753383	2	0.61	-73.94152	40.82350
## 753577	1	1.44	-73.94012	40.70899
## 753857	1	3.99	-73.92863	40.76352
## 753894	1	4.41	-73.98103	40.68917
## 753952	1	2.07	-73.97270	40.69324
## 753998	1	1.27	-73.91866	40.75940
## 754121	1	1.08	-73.99189	40.69972
## 754132	1	3.08	-73.99173	40.68488
## 754359	1	1.38	-73.88108	40.74197
## 754943	1	4.33	-74.00004	40.67852
## 755140	1	2.13	-73.94550	40.83339
## 755607	2	0.60	-73.95170	40.80943
## 755645	2	4.30	-73.87436	40.82819
## 755946	3	0.80	-73.99238	40.68986
## 755970	1	1.80	-73.83028	40.75951
## 756115	2	0.60	-73.92231	40.75533
## 756872	1	1.92	-73.99035	40.68684
## 756906	1	1.79	-73.97791	40.68476
## 757118	1	0.92	-73.95535	40.73659
## 757878	1	1.05	-73.94138	40.68000
## 757934	1	2.14	-73.82983	40.75966
## 758008	1	1.71	-73.95672	40.81266
## 758134	1	1.05	-73.95485	40.80516
## 758161	1	8.21	-74.00295	40.64158
## 758309	1	2.53	-73.95525	40.68951
## 758398	1	0.76	-73.88625	40.74454
## 758540	1	5.15	-73.84427	40.72134
## 759410	1	1.10	-73.91271	40.82809
## 759526	1	1.00	-73.98262	40.68631
## 759631	1	0.40	-73.93922	40.68872
## 760340	1	0.89	-73.99376	40.68157
## 760628	1	0.81	-73.92706	40.81856
## 760918	1	1.89	-73.96278	40.71738
## 761046	1	1.15	-73.96857	40.69217
## 761520	1	10.37	-74.01035	40.67213
## 761528	1	0.58	-73.89633	40.74620
## 761651	1	1.88	-73.93565	40.79614

## 761749	6	0.74	-73.87796	40.74826
## 761756	1	1.12	-73.99113	40.68574
## 762488	1	5.55	-73.93720	40.81045
## 762587	1	7.29	-73.89057	40.74702
## 762802	1	3.20	-73.99833	40.65996
## 763206	1	4.20	-73.96528	40.80592
## 763435	1	1.00	-73.97595	40.68370
## 763789	1	0.76	-73.94213	40.81252
## 763973	1	2.78	-73.96645	40.68966
## 764183	2	1.22	-73.97903	40.68362
## 764411	1	1.40	-73.95518	40.80461
## 765109	1	6.48	-73.93039	40.66885
## 765142	1	14.77	-73.99213	40.69931
## 765358	1	0.76	-73.96051	40.71950
## 766354	1	5.44	-73.95586	40.71407
## 766864	1	8.20	-73.94222	40.81717
## 767789	1	3.37	-73.94024	40.79752
## 768030	1	1.40	-73.95322	40.78857
## 769250	1	1.46	-73.96499	40.68400
## 769643	1	2.52	-73.94305	40.68006
## 769739	3	3.33	-73.99352	40.68219
## 769746	1	6.13	-73.95752	40.71800
## 770087	1	5.02	-73.94424	40.79174
## 770204	1	4.16	-73.80728	40.69966
## 770627	3	1.00	-73.93240	40.70326
## 770659	1	3.50	-73.94031	40.75232
## 771081	1	0.98	-73.95773	40.67067
## 771592	5	0.82	-73.95746	40.72600
## 771671	1	2.37	-73.99190	40.69971
## 772092	2	5.40	-73.96009	40.71566
## 772234	1	4.07	-73.95705	40.71644
## 772709	1	2.75	-73.98816	40.68830
## 772820	5	5.17	-73.89093	40.74658
## 772821	1	1.06	-73.95754	40.71791
## 773015	1	0.00	-73.75426	40.60655
## 773208	1	1.28	-73.95078	40.72376
## 773593	1	1.11	-73.92552	40.86608
## 773995	1	2.91	-73.92564	40.70063
## 774410	1	1.30	-73.87726	40.73757
## 774574	1	4.80	-73.98605	40.68739
## 774660	1	6.20	-73.94690	40.63172
## 774887	2	2.30	-73.96351	40.67669
## 774927	1	3.90	-73.95401	40.58731
## 775054	1	0.40	-73.95925	40.71835
## 775079	1	0.46	-73.92540	40.76176
## 775457	1	1.14	-73.95688	40.72099
## 775627	5	3.80	-73.95748	40.72515
## 775950	1	0.44	-73.98190	40.68584
## 776111	1	1.89	-73.99057	40.66795
## 776657	1	6.94	-73.99271	40.69734
## 776947	1	4.02	-73.95650	40.73011
## 776966	1	0.63	-73.89135	40.74654
## 777973	1	9.35	-73.97673	40.68203
## 779096	6	4.21	-73.92085	40.76782
## 779955	1	0.58	-73.95573	40.68126
## 780410	5	3.07	-73.95178	40.71421
## 780591	1	1.15	-73.95258	40.81031
## 780937	4	1.62	-73.88459	40.74756
## 781994	1	0.46	-73.95533	40.72008
## 782022	1	1.09	-73.95515	40.72035
## 782706	2	2.93	-73.92370	40.70690
## 782913	1	8.17	-73.90340	40.77560
## 782973	1	2.82	-73.83282	40.83562
## 783116	1	7.34	-73.95811	40.72179

## 783218	1	1.62	-73.90366	40.77486
## 783387	1	2.73	-73.95814	40.72169
## 783441	1	4.24	-73.92775	40.68432
## 784019	1	13.26	-73.92120	40.86141
## 784204	1	1.20	-73.86364	40.74984
## 784433	1	1.80	-73.95576	40.80460
## 784589	1	0.82	-73.92561	40.76182
## 784885	1	3.58	-73.90350	40.74535
## 784992	1	5.76	-73.97275	40.67747
## 785021	1	5.84	-73.95148	40.71404
## 785423	1	2.72	-73.93349	40.65309
## 785541	1	0.39	-73.87591	40.74897
## 785581	1	2.07	-73.95079	40.72368
## 785823	1	1.67	-73.95850	40.81520
## 785919	5	0.31	-73.91996	40.75775
## 786875	5	1.16	-73.89274	40.74881
## 787169	2	0.00	-73.87793	40.88683
## 788462	1	4.30	-73.98248	40.66584
## 788741	1	1.60	-73.91312	40.83509
## 789365	1	1.46	-73.92365	40.81432
## 789472	1	2.60	-73.95967	40.71603
## 789566	1	10.10	-73.98869	40.69370
## 789601	1	1.00	-73.95800	40.68171
## 789809	1	3.25	-73.97281	40.69272
## 789954	1	2.56	-73.92430	40.69090
## 790083	1	0.27	-73.93143	40.76501
## 790164	2	2.88	-73.95942	40.71625
## 790319	1	0.77	-73.99138	40.69157
## 790427	1	14.23	-73.91886	40.74295
## 790645	1	0.60	-73.96440	40.71282
## 791519	6	1.36	-73.96270	40.65926
## 792708	1	4.18	-73.85381	40.72728
## 793017	1	2.63	-73.90340	40.74583
## 793450	1	0.38	-73.94562	40.80792
## 793758	1	0.80	-73.93775	40.80946
## 793788	1	2.64	-73.93919	40.80522
## 793898	1	3.30	-73.94850	40.81390
## 794389	1	4.40	-73.93980	40.84129
## 794536	2	1.42	-73.94279	40.80667
## 794826	1	3.05	-73.94299	40.79007
## 794985	1	3.30	-73.95766	40.80050
## 795290	1	2.92	-73.95908	40.74381
## 795710	5	6.97	-73.91536	40.76403
## 796633	1	0.00	-73.90414	40.73577
## 797513	1	3.79	-73.81927	40.70947
## 797520	1	4.11	-73.86707	40.84812
## 797530	1	3.70	-73.93211	40.79577
## 797575	2	15.58	-73.95675	40.71815
## 797919	1	16.00	-73.95938	40.63034
## 798449	1	5.40	-73.92493	40.86187
## 798475	1	1.00	-73.95149	40.80283
## 798644	1	17.90	-73.86192	40.73547
## 798755	1	2.00	-73.97762	40.67162
## 798763	1	0.14	-73.93717	40.67976
## 799382	1	3.72	-73.91772	40.77000
## 799422	1	1.97	-73.86343	40.75782
## 799429	1	1.13	-73.95206	40.79142
## 799887	1	1.98	-73.90923	40.77513
## 799891	1	5.39	-73.96181	40.63465
## 800632	1	6.96	-73.92608	40.77203
## 801283	1	0.55	-73.94199	40.82265
## 801569	1	5.00	-73.95591	40.80358
## 801916	1	2.89	-73.94313	40.82638
## 802583	1	0.00	-73.93641	40.80394

## 802624	1	4.23	-73.95622	40.74718
## 802652	1	0.57	-73.97689	40.68160
## 802704	1	0.71	-73.96230	40.71691
## 802715	1	4.98	-73.94858	40.79772
## 803229	1	1.95	-73.86379	40.73285
## 803804	2	3.90	-73.95354	40.71097
## 804506	1	0.00	-73.86573	40.77100
## 804921	1	1.52	-73.94881	40.64313
## 805260	1	1.78	-73.86104	40.73087
## 805656	1	1.45	-73.94341	40.70869
## 806130	1	4.23	-73.95762	40.71792
## 807398	1	1.59	-73.93669	40.79868
## 807725	5	0.74	-73.98668	40.69193
## 808695	1	1.04	-73.96139	40.71428
## 809124	3	3.20	-73.95390	40.78705
## 809320	1	0.80	-73.94971	40.68043
## 810164	1	1.59	-73.84430	40.72152
## 810362	1	1.09	-73.90266	40.86279
## 810422	1	2.04	-73.94516	40.80813
## 810591	1	1.13	-73.82999	40.71375
## 810595	1	11.76	-73.80753	40.70041
## 810668	1	3.01	-73.93911	40.80552
## 810856	2	0.53	-73.94962	40.80211
## 810858	1	0.85	-73.93141	40.85925
## 811320	6	0.79	-73.96439	40.71588
## 811477	1	1.50	-73.95226	40.80862
## 811823	1	4.89	-73.99579	40.68740
## 811900	1	1.20	-73.99551	40.68797
## 811914	1	1.40	-73.96133	40.69406
## 811982	2	6.80	-73.89143	40.74726
## 812026	1	4.10	-73.97966	40.68239
## 812126	1	4.30	-73.93912	40.80531
## 812975	1	1.34	-73.97661	40.68277
## 813037	1	1.56	-73.98163	40.67472
## 813061	1	1.11	-73.95924	40.80930
## 814298	1	1.29	-73.86929	40.73435
## 814686	1	1.30	-73.97681	40.68320
## 815105	1	0.92	-73.93607	40.79544
## 815736	1	5.23	-73.95577	40.71767
## 815868	1	0.61	-73.95599	40.71389
## 816068	1	2.01	-73.88211	40.74804
## 816689	1	4.77	-73.95877	40.71685
## 817023	1	6.29	-73.95528	40.73627
## 817210	1	3.20	-73.98156	40.68959
## 817548	1	0.00	-73.83380	40.67250
## 817605	1	0.69	-73.93922	40.80513
## 817916	2	3.27	-73.95992	40.72002
## 818372	1	0.74	-73.96893	40.69310
## 818492	6	0.55	-73.89039	40.74707
## 819468	1	0.00	-73.87708	40.74386
## 820009	1	4.70	-73.80724	40.69933
## 820122	1	1.57	-73.95270	40.81088
## 820822	1	7.07	-73.92107	40.86758
## 821114	1	2.27	-73.96364	40.80813
## 821187	1	11.78	-73.96000	40.68222
## 821260	2	1.60	-73.96701	40.69332
## 821463	1	0.90	-73.95419	40.68473
## 821759	1	1.10	-73.90350	40.74549
## 821843	1	0.55	-73.95084	40.81008
## 821899	1	1.90	-73.93965	40.69121
## 821917	1	1.77	-73.93919	40.80510
## 822651	1	1.82	-73.88686	40.74742
## 822727	1	3.69	-73.91698	40.75806
## 823029	1	0.66	-73.96391	40.67793

## 823051	1	3.79	-73.96383	40.68281
## 823187	1	3.78	-73.95090	40.71105
## 823557	1	1.30	-73.96143	40.71646
## 823643	1	0.60	-73.87720	40.73730
## 823646	1	6.60	-73.95558	40.80445
## 823935	1	0.88	-73.96672	40.80399
## 824049	1	0.92	-73.80973	40.70568
## 824398	1	13.21	-73.98313	40.67740
## 824435	2	2.93	-73.93594	40.85022
## 824735	1	0.71	-73.94954	40.71403
## 824753	3	0.72	-73.99220	40.68422
## 826168	2	6.39	-73.95554	40.71404
## 826794	1	0.38	-73.88417	40.74757
## 827480	1	0.32	-73.90340	40.74524
## 827565	1	5.60	-73.95364	40.71058
## 827574	1	0.30	-73.95171	40.71402
## 827937	1	1.79	-73.96432	40.80713
## 828908	1	1.46	-73.97781	40.68468
## 829092	1	15.60	-74.00092	40.68446
## 831249	1	5.87	-73.93904	40.80522
## 831262	1	3.95	-73.90758	40.82383
## 832243	5	2.57	-73.90347	40.74580
## 832822	1	2.47	-73.95170	40.79789
## 833066	1	1.61	-73.96246	40.80503
## 833310	1	1.43	-73.90003	40.74601
## 833644	2	1.50	-73.97217	40.69464
## 834067	1	0.37	-73.91519	40.76401
## 834350	2	0.94	-73.95504	40.81189
## 834533	1	2.46	-73.94254	40.78646
## 834566	1	8.77	-73.97735	40.67191
## 835753	1	5.40	-73.91375	40.76678
## 836132	1	1.41	-73.97331	40.69332
## 836376	2	1.25	-73.99451	40.68515
## 836836	1	2.08	-73.90334	40.74578
## 837020	1	5.79	-73.92258	40.76952
## 837278	1	1.82	-73.88374	40.74769
## 837331	1	0.00	-73.83022	40.71373
## 837375	1	1.63	-73.95153	40.71365
## 837381	2	2.34	-73.96866	40.63876
## 837555	1	0.92	-73.84411	40.72143
## 837611	2	1.28	-73.97475	40.68042
## 837745	1	0.94	-73.95300	40.72228
## 838195	1	1.50	-73.95485	40.81987
## 838496	2	0.90	-73.89121	40.74686
## 838593	3	1.33	-73.86926	40.73417
## 839071	1	1.85	-73.93706	40.80251
## 839118	1	4.24	-73.95740	40.74535
## 839182	1	1.39	-73.84411	40.72117
## 839391	5	4.75	-73.92484	40.77143
## 839435	1	4.67	-73.88414	40.74763
## 839744	1	0.97	-73.92168	40.76687
## 839859	1	1.81	-73.91879	40.75920
## 840490	1	0.41	-73.90469	40.87915
## 840867	1	2.42	-73.87083	40.73397
## 840977	1	1.79	-73.86591	40.73672
## 841083	1	1.18	-73.93697	40.80223
## 841557	1	2.06	-73.91743	40.74325
## 842362	1	1.30	-73.94717	40.78807
## 842559	1	0.36	-73.96659	40.80428
## 843005	1	0.75	-73.94966	40.80786
## 843571	1	2.26	-73.96006	40.80824
## 844617	1	4.61	-73.96108	40.80691
## 844678	1	2.56	-73.90326	40.74588
## 845097	1	1.02	-73.95155	40.74975

## 845408	1	0.53	-73.91080	40.77597
## 845452	1	0.73	-73.92539	40.76186
## 845873	1	0.96	-73.96051	40.66034
## 846015	1	18.11	-73.95847	40.64151
## 846210	1	0.87	-73.94216	40.84208
## 846408	1	1.69	-73.83031	40.71375
## 846583	1	3.60	-73.97767	40.68058
## 847008	1	1.00	-73.93914	40.80532
## 847080	3	3.25	-73.93216	40.74492
## 847168	1	2.06	-73.86316	40.73196
## 848392	1	0.92	-73.92117	40.75639
## 848492	5	0.44	-73.97944	40.69346
## 848904	1	1.49	-73.95592	40.80361
## 849012	1	1.50	-73.95224	40.69502
## 849624	1	2.43	-73.92633	40.75711
## 849665	1	11.44	-73.91193	40.77512
## 849772	3	0.77	-73.87615	40.74847
## 849899	1	2.05	-73.93915	40.80534
## 849963	1	0.56	-73.97692	40.66436
## 850133	6	1.65	-73.84695	40.72105
## 850169	1	3.75	-73.87781	40.88066
## 850267	1	1.12	-73.95779	40.71774
## 850378	1	1.92	-73.98352	40.67265
## 850866	1	7.99	-73.98408	40.67191
## 850903	1	4.72	-73.97710	40.67213
## 851008	1	4.52	-73.91100	40.76871
## 851213	1	2.53	-73.93259	40.79966
## 852014	1	3.90	-73.97593	40.68219
## 852131	2	2.60	-73.94937	40.80761
## 853105	2	1.76	-73.98512	40.68939
## 853292	1	0.66	-73.99267	40.69366
## 853375	1	3.84	-73.87095	40.73400
## 854149	1	1.70	-73.95555	40.68031
## 854365	1	0.94	-73.93877	40.80593
## 854369	1	0.65	-73.94120	40.72234
## 854840	1	1.00	-73.94854	40.68036
## 854869	1	0.90	-73.92307	40.75554
## 855384	1	4.07	-73.87381	40.82434
## 855588	1	0.76	-73.96953	40.69311
## 856143	1	2.07	-73.93906	40.80523
## 856411	1	2.53	-73.82932	40.71351
## 856441	1	1.14	-73.80766	40.70025
## 856683	1	1.05	-73.98137	40.68905
## 856685	1	1.65	-73.88573	40.73819
## 857782	1	0.60	-73.94058	40.83961
## 858505	1	4.23	-73.95744	40.81472
## 858616	1	11.65	-73.97679	40.68334
## 858740	1	0.54	-73.86993	40.73364
## 858907	1	0.66	-73.87333	40.73442
## 859154	1	3.20	-73.96015	40.71979
## 859168	1	4.50	-73.98656	40.70256
## 859782	1	1.64	-73.86462	40.73447
## 859801	2	2.50	-73.97846	40.68990
## 859835	1	0.97	-73.83033	40.75973
## 860210	2	2.35	-73.88605	40.76463
## 860275	1	2.24	-73.86671	40.84669
## 860608	2	2.68	-73.95435	40.78991
## 861073	1	0.90	-73.98631	40.66928
## 861376	1	3.82	-73.93174	40.79536
## 861556	1	2.41	-73.95692	40.81264
## 861720	1	5.64	-73.94250	40.84175
## 862110	1	1.40	-73.94907	40.80782
## 862141	1	10.96	-73.95208	40.71690
## 862571	1	1.00	-73.95271	40.79085

## 862910	1	0.81	-73.95212	40.79005
## 863298	1	1.54	-73.98753	40.67487
## 863334	1	0.81	-73.86533	40.83223
## 864259	2	9.90	-73.93329	40.70550
## 865526	1	4.01	-73.92548	40.76170
## 865582	1	4.52	-73.95435	40.71904
## 866182	3	1.75	-73.93704	40.79801
## 866947	1	2.82	-73.94207	40.82253
## 867119	1	3.66	-73.94274	40.78584
## 867639	1	3.28	-73.89111	40.86163
## 868021	1	1.22	-73.84422	40.72145
## 868575	1	0.50	-73.94153	40.79579
## 868931	1	1.45	-73.89616	40.86157
## 869098	1	4.07	-73.92869	40.76894
## 869309	1	0.67	-73.95319	40.78693
## 869606	1	3.47	-73.87711	40.73773
## 870397	1	1.09	-73.96158	40.81147
## 871645	1	2.20	-73.90354	40.74556
## 871733	1	0.77	-73.96642	40.80389
## 871848	1	0.78	-73.99273	40.69761
## 871934	1	0.69	-73.95219	40.78969
## 871949	1	5.15	-73.85830	40.83968
## 872193	1	1.45	-73.87531	40.82866
## 872870	2	0.49	-73.95528	40.73448
## 872951	1	1.92	-73.92387	40.82498
## 873142	1	0.46	-73.99428	40.69482
## 873242	1	8.52	-73.95662	40.74772
## 873722	1	1.90	-74.00312	40.57693
## 873872	1	1.00	-73.95454	40.80021
## 873910	1	1.50	-73.93887	40.80576
## 874228	1	5.02	-73.95584	40.71950
## 874245	1	0.82	-73.89235	40.74707
## 874462	1	1.04	-73.96243	40.80984
## 874597	1	0.42	-73.99252	40.69755
## 874630	1	2.27	-73.89780	40.82189
## 874697	1	1.30	-74.00323	40.57711
## 874775	1	1.57	-74.00023	40.57718
## 874818	1	0.84	-73.97607	40.68698
## 875335	1	8.03	-73.87633	40.75673
## 875696	1	2.10	-73.93946	40.80542
## 875725	1	3.40	0.00000	40.68873
## 875777	1	1.00	-73.95345	40.70285
## 876108	1	1.90	-73.95483	40.80507
## 876225	1	3.62	-73.89238	40.74715
## 877081	1	1.06	-73.95421	40.73013
## 877502	1	11.43	-73.94498	40.79981
## 877558	1	0.00	-73.99579	40.60321
## 877604	1	10.65	-73.83188	40.75904
## 877615	1	1.06	-73.95633	40.81314
## 878325	1	0.95	-73.92442	40.80979
## 878938	1	1.91	-73.95229	40.80373
## 878942	1	3.95	-73.93485	40.79685
## 879803	1	1.20	-73.99243	40.68943
## 879851	1	3.68	-73.94282	40.78591
## 880392	1	2.45	-73.93877	40.80514
## 880610	1	0.43	-73.94859	40.78614
## 881056	1	0.75	-73.92157	40.76672
## 881291	1	1.00	-73.96294	40.69006
## 881403	1	0.70	-73.95741	40.71824
## 881448	1	0.90	-73.93653	40.85254
## 881858	1	13.54	-73.89178	40.74881
## 882546	1	0.72	-73.93758	40.79308
## 882611	1	1.04	-73.95818	40.80050
## 882714	1	0.09	-73.89311	40.81929

## 883289	1	0.80	-73.94689	40.81619
## 883314	2	4.60	-73.94307	40.84037
## 884070	1	1.74	-73.93913	40.80538
## 884448	1	6.21	-73.82962	40.75972
## 884801	1	0.57	-73.94550	40.80484
## 885310	1	2.53	-73.94816	40.79537
## 885649	1	1.00	-73.95252	40.79143
## 886371	1	0.62	-73.96218	40.80518
## 886541	1	0.00	-73.95144	40.78772
## 886544	1	1.89	-73.88839	40.66395
## 886684	5	1.24	-73.92158	40.76670
## 887631	2	1.42	-73.92206	40.75517
## 887789	2	3.36	-73.83042	40.75940
## 887813	1	1.15	-73.88965	40.74703
## 888395	1	4.40	-73.93301	40.65850
## 888968	1	1.17	-73.95224	40.78647
## 889102	1	18.06	-73.98908	40.68869
## 889448	1	2.00	-73.89499	40.74644
## 889556	1	1.17	-73.94095	40.79841
## 889843	1	1.03	-73.97831	40.68986
## 890351	1	2.43	-73.95918	40.80921
## 890522	1	0.67	-73.94255	40.76182
## 890584	1	1.09	-73.96051	40.80770
## 890596	2	0.73	-73.83059	40.75943
## 890760	1	3.48	-73.95223	40.80879
## 891110	1	4.30	-73.94519	40.78671
## 891142	1	2.60	-73.96047	40.65828
## 891311	1	1.30	-73.95277	40.79176
## 891503	1	1.20	-73.91889	40.75906
## 891764	1	0.82	-73.91927	40.75914
## 891836	1	1.13	-73.84445	40.72141
## 891982	1	0.46	-73.94798	40.82968
## 892252	1	2.20	-73.96124	40.80656
## 892324	1	2.36	-73.96614	40.80495
## 892407	1	0.43	-73.82978	40.75956
## 892565	2	1.30	-73.95844	40.81006
## 892566	2	6.06	-73.95668	40.81816
## 892739	1	1.70	-73.91885	40.75925
## 893010	6	0.83	-73.95140	40.72485
## 893090	1	3.18	-73.94162	40.81321
## 893572	1	0.86	-73.97855	40.68404
## 893860	1	13.21	-73.98167	40.69074
## 893870	1	1.01	-73.92891	40.76841
## 893891	1	1.78	-73.86952	40.74918
## 894067	1	2.52	-73.95414	40.72986
## 894071	1	1.24	-73.95254	40.72683
## 894449	1	2.00	-73.95455	40.78741
## 894462	1	1.40	-73.90356	40.74556
## 894567	1	1.80	-73.98022	40.68864
## 894885	6	1.70	-73.96326	40.69365
## 896111	1	0.94	-73.95975	40.80870
## 896156	1	2.54	-73.86376	40.73278
## 896408	1	1.23	-73.95004	40.79295
## 896585	1	1.46	-73.89587	40.86225
## 897283	1	0.77	-73.99063	40.69338
## 897843	1	0.80	-73.95883	40.80096
## 898187	1	5.36	-73.94032	40.84053
## 898600	1	1.85	-73.96207	40.69808
## 898812	1	7.45	-73.87083	40.73401
## 898921	5	3.50	-73.95000	40.70510
## 898958	1	1.25	-73.84437	40.72137
## 899110	1	0.44	-73.97601	40.69341
## 899201	1	7.12	-73.99115	40.69215
## 900123	5	2.66	-73.97563	40.69333

## 900738	1	0.80	-73.88361	40.75566
## 900748	1	2.20	-73.97614	40.68382
## 900897	1	0.76	-73.83125	40.71471
## 900913	5	1.71	-73.91170	40.77489
## 901377	1	0.87	-73.82613	40.74671
## 901661	1	1.90	-73.96646	40.80438
## 901835	1	0.87	-73.91235	40.77511
## 902354	1	0.54	-73.99210	40.69046
## 902659	1	3.00	-73.95850	40.63714
## 902982	1	8.60	-73.98373	40.69209
## 902994	1	2.50	-73.95950	40.80880
## 903347	1	1.48	-73.97079	40.68956
## 903872	1	6.38	-73.87402	40.73513
## 903944	2	0.59	-73.95762	40.81489
## 904284	1	4.18	-73.98364	40.66839
## 904756	1	6.70	-73.99530	40.67966
## 904981	3	0.80	-73.95148	40.79094
## 905219	1	0.66	-73.95190	40.82426
## 905499	2	0.65	-73.95287	40.81096
## 906065	1	3.64	-73.96082	40.71916
## 906502	1	1.10	-73.93570	40.69708
## 906794	1	4.92	-73.88329	40.75583
## 906849	1	10.28	-73.87758	40.74847
## 907000	5	1.01	-73.89130	40.74664
## 907278	1	2.74	-73.92767	40.70273
## 907537	1	0.54	-73.91087	40.77600
## 907580	1	0.46	-73.89085	40.74688
## 907630	1	0.78	-73.90347	40.74529
## 907638	1	0.87	-73.99167	40.68495
## 907840	0	3.10	-73.91856	40.84415
## 908404	2	1.72	-73.90332	40.74592
## 908893	1	0.57	-73.95586	40.71955
## 909031	1	1.00	-73.93927	40.84260
## 909517	2	0.92	-73.95549	40.71994
## 909570	1	3.65	-73.98685	40.70247
## 909719	1	0.50	-73.91454	40.76467
## 909955	5	0.96	-73.94337	40.78928
## 910197	1	0.47	-73.95975	40.81372
## 910473	5	2.96	-73.94471	40.78726
## 910538	1	0.48	-73.97551	40.67430
## 911044	1	4.61	-73.80827	40.70282
## 911453	1	18.75	-73.95126	40.79124
## 911545	1	5.23	-73.90997	40.77559
## 911574	1	4.31	-73.91358	40.67856
## 911872	1	3.02	-73.94768	40.67159
## 911875	1	5.81	-73.94807	40.71118
## 912100	1	1.33	-73.95036	40.72387
## 912270	1	0.50	-73.95252	40.81100
## 912532	1	2.30	-73.95509	40.80497
## 912770	1	6.89	-73.98121	40.67432
## 912833	1	0.46	-73.94605	40.82132
## 913293	1	1.27	-73.94258	40.81702
## 913759	1	0.90	-73.95332	40.72646
## 913957	1	1.38	-73.99149	40.66291
## 914178	1	2.21	-73.92917	40.67047
## 915021	1	1.70	-73.92136	40.76666
## 915139	1	4.40	-73.93723	40.81855
## 915203	1	0.02	-73.85873	40.84984
## 915460	1	0.80	-73.95551	40.80463
## 915577	1	0.92	-73.92454	40.67907
## 915643	1	0.80	-73.93669	40.79860
## 915772	1	0.71	-73.98115	40.66748
## 915773	1	1.56	-73.97663	40.67287
## 915817	1	0.52	-73.94111	40.81401

## 915857	1	5.73	-73.93546	40.68509
## 916216	1	1.37	-73.90900	40.86289
## 916572	1	4.01	-73.94049	40.79333
## 916612	1	5.02	-73.93849	40.81738
## 916739	1	1.33	-73.95551	40.80454
## 916954	1	4.18	-73.95158	40.80437
## 917239	1	4.70	-73.95068	40.67772
## 917847	1	10.85	-73.93831	40.85068
## 917993	2	1.92	-73.80759	40.70076
## 918193	1	1.05	-73.90849	40.77097
## 918196	1	2.23	-73.99117	40.69220
## 918703	1	1.21	-73.94478	40.82918
## 918933	1	0.79	-73.98415	40.67153
## 919104	1	3.10	-73.99813	40.68681
## 919479	1	4.30	-73.90353	40.74614
## 919637	1	2.93	-73.95819	40.81085
## 920494	6	3.88	-73.95311	40.74250
## 920899	1	1.30	-73.96316	40.80886
## 921042	1	1.10	-73.95695	40.69076
## 921369	6	9.42	-73.81862	40.70903
## 921399	2	1.74	-73.83041	40.75957
## 921628	3	0.13	-73.92191	40.76719
## 921674	1	0.68	-73.97090	40.69310
## 922007	1	4.50	-73.92551	40.82854
## 922156	1	4.22	-73.86909	40.73414
## 922415	1	1.51	-73.98895	40.70243
## 923144	1	2.60	-73.99258	40.70199
## 923716	1	3.59	-73.95001	40.80231
## 925225	1	3.61	-73.94014	40.84069
## 925459	1	1.59	-73.90274	40.86879
## 925651	1	0.66	-73.92170	40.75708
## 925988	1	2.69	-73.93722	40.79769
## 926930	1	0.70	-73.88516	40.74750
## 927910	4	1.10	-73.96230	40.68248
## 928549	1	4.79	-73.87712	40.73804
## 928968	1	1.20	-73.95324	40.78844
## 928983	1	3.30	-73.99191	40.69115
## 930143	6	2.99	-73.99580	40.68710
## 930220	2	6.22	-73.96348	40.80884
## 930321	1	0.69	-73.94055	40.80574
## 930985	1	6.16	-73.98685	40.70246
## 931194	1	4.55	-73.84417	40.72149
## 931429	1	0.60	-73.91235	40.77501
## 931667	1	5.20	-73.92055	40.65915
## 931764	1	1.20	-73.94003	40.79774
## 932683	1	0.62	-73.94187	40.80627
## 932801	1	0.80	-73.99058	40.68644
## 932940	1	0.42	-73.93903	40.80520
## 932998	1	2.16	-73.95355	40.78881
## 933077	1	4.09	-73.83126	40.71472
## 933197	1	0.78	-73.93915	40.80522
## 933465	1	4.32	-73.99125	40.69669
## 933560	1	1.75	-73.95252	40.68300
## 933587	5	1.34	-73.96644	40.80399
## 933588	5	0.28	-73.95322	40.78870
## 933727	1	0.47	-73.84427	40.72136
## 934109	1	0.60	-73.99538	40.69222
## 934151	1	2.20	-73.95440	40.78744
## 934189	1	1.40	-73.95724	40.71447
## 934414	1	1.00	-73.95614	40.81319
## 935961	1	2.76	-73.98667	40.69014
## 936460	1	0.00	-73.77640	40.64519
## 936560	1	1.58	-73.84409	40.72107
## 937126	1	0.90	-73.87411	40.73505

## 937138	1	3.90	-73.99210	40.69387
## 937210	1	3.00	-73.98907	40.70252
## 938077	1	2.14	-73.91919	40.86835
## 938416	1	0.93	-73.84424	40.72094
## 938491	1	2.70	-73.99181	40.68470
## 938614	1	1.01	-73.95782	40.69447
## 939262	1	1.95	-73.95443	40.78968
## 939372	5	1.66	-73.99316	40.68795
## 940123	1	1.52	-73.85879	40.75078
## 940370	1	0.40	-73.87414	40.74871
## 940402	1	0.90	-73.94518	40.81355
## 940762	1	1.20	-73.95177	40.72288
## 941142	1	0.65	-73.94260	40.78656
## 941339	1	1.86	-73.94216	40.75424
## 941340	1	1.06	-73.94221	40.75412
## 941706	1	3.03	-73.82996	40.71375
## 941926	1	1.79	-73.90002	40.74609
## 942069	1	2.27	-73.86971	40.73355
## 942376	1	5.63	-73.93802	40.79710
## 942435	1	0.00	-73.94844	40.71812
## 942959	1	2.69	-73.93555	40.69685
## 942974	1	0.87	-73.97430	40.68630
## 943238	1	1.20	-73.80746	40.70056
## 943412	1	0.50	-73.95766	40.71792
## 943586	2	7.90	-73.95143	40.81212
## 943864	1	0.73	-73.92945	40.81905
## 943921	1	4.79	-73.97596	40.68386
## 944350	1	1.12	-73.93247	40.79562
## 944879	1	3.69	-73.94784	40.71135
## 945139	1	2.96	-73.93917	40.80519
## 945229	1	2.28	-73.98087	40.65990
## 945285	1	7.17	-73.98733	40.69242
## 945652	1	0.78	-73.97699	40.68399
## 945958	1	1.70	-73.95715	40.68843
## 945961	1	0.60	-73.95143	40.79958
## 946030	1	1.80	-73.97644	40.68290
## 946123	1	1.90	-73.84453	40.72145
## 946306	1	0.63	-73.91402	40.75661
## 946635	6	1.19	-73.95258	40.80116
## 946919	1	0.92	-73.95267	40.81060
## 947023	1	0.76	-73.97235	40.68116
## 947267	1	5.72	-73.91770	40.76189
## 947272	1	2.48	-73.99059	40.70250
## 947391	2	1.74	-73.95853	40.68157
## 947411	1	2.42	-73.94848	40.80384
## 947498	1	4.51	-73.90950	40.74234
## 947937	1	5.46	-73.97790	40.68476
## 948010	1	0.00	-73.93022	40.68917
## 948152	1	0.60	-73.94152	40.79847
## 948213	1	1.20	-73.89090	40.74641
## 948640	1	1.40	-73.91097	40.84541
## 948688	1	2.47	-73.95782	40.71783
## 948725	1	2.03	-73.95565	40.71408
## 950068	1	3.30	-73.95518	40.71407
## 950844	1	4.50	-73.98280	40.70170
## 951358	1	1.24	-73.95170	40.72531
## 951405	1	1.12	-73.99210	40.68432
## 951458	1	1.02	-73.95388	40.70684
## 952012	1	1.47	-73.95000	40.70509
## 952384	1	3.06	-73.95782	40.71778
## 952470	1	1.02	-73.87025	40.74892
## 952786	1	5.06	-73.88753	40.75544
## 953093	1	0.71	-73.96147	40.71655
## 953190	1	4.30	-73.95747	40.72955

## 953238	1	6.20	-73.93916	40.84329
## 953313	1	0.88	-73.93654	40.82053
## 953844	1	7.81	-73.84402	40.72124
## 954046	1	2.40	-73.88720	40.74730
## 954204	1	17.90	-73.95246	40.81067
## 955334	1	0.00	-73.91674	40.67353
## 955642	1	1.96	-73.95142	40.82521
## 955843	1	4.00	-73.89851	40.85928
## 956752	1	6.70	-73.99449	40.69814
## 956830	1	1.00	-73.95389	40.80654
## 956959	1	8.70	-73.94380	40.83576
## 957113	1	1.62	-73.96364	40.71842
## 957682	1	1.71	-73.92274	40.83593
## 957945	1	0.96	-73.92719	40.67994
## 957966	1	1.98	-73.89423	40.84665
## 958045	1	2.32	-73.93595	40.82776
## 958156	1	3.14	-73.95842	40.68460
## 958278	1	0.60	-73.93721	40.81889
## 958823	1	1.03	-73.93615	40.79933
## 959471	1	5.50	-73.92217	40.74405
## 959569	1	3.60	-73.92561	40.67916
## 959638	1	1.50	-73.95699	40.66525
## 959957	1	0.79	-73.95218	40.80981
## 960765	1	4.90	-73.98556	40.69798
## 961115	6	0.59	-73.98139	40.66707
## 961675	1	1.00	-73.95048	40.65545
## 962105	1	7.30	-73.95580	40.71407
## 962161	1	5.80	-73.99418	40.70268
## 962196	1	1.40	-73.99612	40.68660
## 962242	1	1.09	-73.88285	40.74994
## 962865	6	4.72	-73.86040	40.83888
## 963118	1	2.20	-73.95177	40.65263
## 963419	1	2.24	-73.97751	40.69342
## 963893	1	1.10	-73.91199	40.77520
## 964388	1	1.74	-73.94334	40.75118
## 964573	1	0.61	-73.93929	40.84254
## 964855	1	1.26	-73.86927	40.74905
## 964988	1	1.34	-73.92325	40.74403
## 965021	1	0.71	-73.96187	40.68248
## 965075	1	3.53	-73.93732	40.80153
## 965249	1	3.65	-73.92548	40.76181
## 966416	1	1.99	-73.96203	40.80552
## 967109	1	5.13	-73.95795	40.73211
## 967161	1	2.93	-73.98960	40.70320
## 967198	1	6.15	-73.99552	40.68325
## 967824	4	6.40	-73.98771	40.69077
## 968039	1	0.63	-73.92059	40.86681
## 968198	1	4.98	-73.95812	40.71749
## 968547	1	3.86	-73.80345	40.71701
## 969273	1	3.84	-73.99317	40.68996
## 969602	1	5.00	-73.98913	40.69336
## 970356	1	1.45	-73.92999	40.67936
## 970564	1	1.00	-73.96123	40.81171
## 970756	1	2.24	-73.94902	40.79686
## 971151	1	1.41	-73.95853	40.80904
## 971158	1	11.33	-73.92417	40.73797
## 971441	1	0.40	-73.96257	40.80496
## 971551	1	5.60	-73.97792	40.68477
## 971744	1	0.50	-73.94255	40.83233
## 971931	5	9.16	-73.94508	40.83404
## 973261	1	2.56	-73.89063	40.74699
## 973860	1	0.50	-73.94901	40.80276
## 974000	2	7.40	-73.94577	40.74609
## 974039	1	7.50	-73.92039	40.86796

## 974060	2	1.80	-73.95335	40.78830
## 974292	1	1.30	-73.84479	40.84613
## 974808	3	0.66	-73.94083	40.84158
## 974966	1	2.89	-73.95189	40.81154
## 975160	1	1.47	-73.99247	40.68951
## 975204	1	0.56	-73.92879	40.82237
## 975679	1	2.08	-73.98659	40.70367
## 975886	6	0.65	-73.94421	40.83519
## 976248	1	2.33	-73.92005	40.74353
## 976384	1	4.18	-73.89090	40.74678
## 976649	2	0.80	-73.87070	40.75146
## 976696	1	2.10	-73.93237	40.79581
## 976862	1	1.10	-73.99054	40.69243
## 976988	1	1.90	-73.90987	40.74483
## 977406	1	0.83	-73.92129	40.76668
## 977610	1	2.56	-73.95231	40.78983
## 977614	2	7.07	-73.94006	40.84055
## 977642	1	2.25	-73.95649	40.68521
## 977754	5	1.50	-73.94346	40.74673
## 977902	1	7.11	-73.93848	40.85033
## 978257	1	1.13	-73.90986	40.76966
## 978284	5	2.38	-73.99046	40.68435
## 978406	1	0.61	-73.94969	40.80194
## 978851	1	0.91	-73.84399	40.72106
## 979201	1	1.52	-73.94595	40.74586
## 979386	1	3.28	-73.89082	40.74702
## 979780	1	2.60	-73.89211	40.74680
## 979893	1	0.10	-73.95425	40.81149
## 980440	1	0.97	-73.94946	40.80746
## 980545	1	6.10	-73.95365	40.79085
## 980937	1	1.06	-73.92982	40.75641
## 981296	1	1.07	-73.87546	40.73504
## 981732	1	10.77	-73.92751	40.81841
## 981792	1	6.79	-73.97942	40.69360
## 981944	1	0.26	-73.94193	40.82277
## 982012	1	0.85	-73.94510	40.80821
## 982277	1	0.49	-73.96495	40.80670
## 982698	2	1.98	-73.88387	40.74771
## 983154	1	0.50	-73.95333	40.81116
## 983187	1	2.30	-73.92020	40.83546
## 983334	1	3.10	-73.98100	40.68907
## 983492	2	5.20	-73.98644	40.70375
## 983854	1	0.70	-73.82981	40.75957
## 984336	1	3.82	-73.96128	40.80650
## 984641	5	2.43	-73.89265	40.76683
## 984668	1	1.16	-73.99207	40.70265
## 985591	1	14.57	-73.89236	40.74716
## 986036	1	3.97	-73.98943	40.70250
## 986091	1	0.83	-73.95736	40.80173
## 986975	1	1.00	-73.95258	40.80826
## 987066	1	2.10	-73.95332	40.74490
## 987272	1	4.40	-73.89155	40.74665
## 987331	1	2.60	-73.93925	40.80499
## 988187	6	0.79	-73.84457	40.72144
## 988296	1	2.27	-73.98417	40.67170
## 988676	2	1.74	-73.94005	40.80650
## 988857	2	4.76	-73.95184	40.72561
## 989270	1	5.78	-73.90979	40.77553
## 989671	4	2.71	-73.94897	40.79721
## 989940	1	1.42	-73.89113	40.74678
## 989962	1	2.58	-73.84397	40.72123
## 990138	2	1.36	-73.92841	40.75810
## 990411	1	3.80	-73.83003	40.71378
## 990460	1	0.90	-73.95898	40.70885

## 990702	1	5.20	-73.99247	40.68954
## 990715	1	1.80	-73.89174	40.74809
## 990902	1	0.85	-73.91800	40.77035
## 990990	1	0.47	-73.92178	40.76676
## 991441	1	8.78	-73.96136	40.71435
## 991767	1	4.75	-73.99251	40.68947
## 991978	1	1.20	-73.95724	40.71827
## 992014	1	13.84	-73.92017	40.74679
## 992326	1	1.20	-73.95781	40.71770
## 992459	1	0.95	-73.84431	40.72143
## 992858	1	8.41	-73.94263	40.83736
## 993204	1	0.83	-73.96130	40.71883
## 993459	2	5.10	-73.92472	40.64244
## 993707	4	8.90	-73.83046	40.76034
## 993894	1	3.80	-73.97592	40.68417
## 993964	1	6.84	-73.93182	40.70626
## 994124	1	2.76	-73.96544	40.71369
## 994557	1	7.44	-73.95286	40.80508
## 994708	6	1.95	-73.97473	40.69332
## 995288	1	2.87	-73.96410	40.80757
## 995362	1	2.24	-73.80746	40.69994
## 995649	5	1.88	-73.95377	40.78710
## 995785	2	0.16	-73.99744	40.67456
## 995935	1	0.88	-73.84423	40.72112
## 995939	1	2.85	-73.88057	40.74789
## 996013	5	2.02	-73.95229	40.78984
## 996043	1	1.23	-73.96698	40.68410
## 996774	1	0.59	-73.84426	40.72134
## 996846	1	0.09	-73.89449	40.83461
## 996925	1	0.43	-73.95076	40.78574
## 997237	1	5.67	-73.95764	40.67169
## 997426	1	2.66	-73.97335	40.68591
## 997507	1	5.48	-73.92827	40.69294
## 997759	1	1.73	-73.96377	40.71042
## 997876	1	0.51	-73.99946	40.67500
## 998443	1	1.64	-73.96356	40.67629
## 998678	1	3.90	-73.93717	40.80442
## 998785	1	2.60	-73.95354	40.66294
## 998811	1	0.90	-73.95787	40.71463
## 999118	1	5.89	-73.92086	40.86776
## 999546	1	2.02	-73.96186	40.80557
## 999559	3	5.72	-73.96169	40.71944
## 1000699	1	5.00	-73.95846	40.73345
## 1000778	1	1.80	-73.94850	40.68042
## 1000951	1	1.79	-73.83176	40.71509
## 1001153	1	1.70	-73.89082	40.74630
## 1001180	2	2.21	-73.88226	40.74770
## 1001231	1	0.99	-73.98009	40.66855
## 1001781	1	4.48	-73.90285	40.74601
## 1002709	1	1.34	-73.95728	40.72662
## 1002791	3	0.69	-73.95818	40.72163
## 1002964	1	5.10	-73.87627	40.73556
## 1003266	1	1.21	-73.89019	40.74609
## 1003295	1	1.04	-73.82869	40.71331
## 1003319	5	1.82	-73.88419	40.74759
## 1003330	6	1.30	-73.95685	40.71860
## 1003501	1	2.72	-73.90345	40.74532
## 1003589	5	2.62	-73.91917	40.76584
## 1003864	1	1.07	-73.90445	40.74541
## 1004056	1	2.70	-73.96071	40.66045
## 1004107	1	0.00	-73.85468	40.72086
## 1004191	1	2.40	-73.94170	40.79857
## 1004717	1	8.52	-73.89021	40.74707
## 1004772	2	0.59	-73.80698	40.69920

## 1005505	1	1.80	-73.96778	40.68798
## 1005574	1	3.62	-73.95914	40.81475
## 1005608	1	1.35	-73.91922	40.74306
## 1005681	1	0.00	0.00000	40.79536
## 1005877	1	1.09	-73.91997	40.86815
## 1006829	3	6.24	-73.98694	40.70258
## 1007477	1	2.97	-73.93781	40.84683
## 1007685	3	5.30	-73.86909	40.83648
## 1007749	1	0.97	-73.80750	40.70024
## 1007938	1	0.63	-73.99263	40.69373
## 1008009	1	3.11	-73.88082	40.84009
## 1008117	1	2.55	-73.93774	40.83881
## 1009209	1	0.47	-73.95480	40.78928
## 1009451	1	1.90	-73.92056	40.75309
## 1009839	1	1.30	-73.94256	40.71467
## 1011444	1	0.63	-73.94009	40.79401
## 1012079	1	0.70	-73.91192	40.76768
## 1012106	1	1.30	-73.95545	40.70991
## 1012126	1	7.30	-73.92545	40.76186
## 1012583	1	0.32	-73.94733	40.83070
## 1012632	1	0.41	-73.95884	40.69430
## 1013175	2	1.84	-73.98098	40.66755
## 1013518	1	7.94	-73.95890	40.71676
## 1013962	1	4.96	-73.91408	40.75343
## 1014229	1	3.20	-73.89243	40.74673
## 1015200	1	1.07	-73.88363	40.74318
## 1016374	1	3.80	-73.95099	40.78598
## 1016704	1	5.78	-73.94018	40.78944
## 1016765	1	0.54	-73.85207	40.83411
## 1016784	1	1.27	-73.93873	40.80501
## 1017281	1	0.90	-73.95165	40.82489
## 1017594	1	2.13	-73.98673	40.70245
## 1018230	1	14.30	-73.97846	40.67555
## 1018381	1	4.20	-73.93919	40.80509
## 1018470	1	0.80	-73.92783	40.81742
## 1018586	1	7.63	-73.95887	40.80986
## 1018670	1	7.38	-73.94299	40.84087
## 1018725	1	18.91	-73.94344	40.83608
## 1018818	1	1.54	-73.95638	40.71713
## 1018853	1	0.62	-73.91172	40.77542
## 1019079	1	2.73	-73.87487	40.73511
## 1020250	1	0.40	-73.93395	40.85392
## 1020464	1	1.78	-73.95753	40.72973
## 1020610	1	1.43	-73.94217	40.84231
## 1020683	1	0.87	-73.94990	40.82722
## 1020736	1	2.40	-73.95275	40.81821
## 1020956	1	2.68	-73.91008	40.87460
## 1020963	1	2.27	-73.94055	40.80866
## 1021075	1	0.61	-73.93591	40.85020
## 1021087	1	3.14	-73.95048	40.81299
## 1021157	1	1.43	-73.97605	40.68404
## 1021612	1	2.06	-73.91874	40.82573
## 1022092	1	4.88	-73.92081	40.74322
## 1022204	1	0.47	-73.95769	40.71778
## 1022220	1	2.26	-73.84418	40.72133
## 1022221	5	0.56	-73.96355	40.71125
## 1022459	2	0.90	-73.95898	40.65047
## 1022524	2	8.50	-73.96367	40.80835
## 1022535	1	0.60	-73.96780	40.69305
## 1022722	1	2.10	-73.92542	40.76884
## 1023348	1	2.32	-73.93956	40.84794
## 1023493	1	1.63	-73.95469	40.82043
## 1023726	1	0.38	-73.92252	40.74381
## 1024084	2	0.47	-73.94857	40.80158

## 1024664	1	1.05	-73.88362	40.74651
## 1024685	2	1.18	-73.96175	40.80590
## 1024868	1	2.39	-73.80740	40.69990
## 1025037	1	2.50	-73.94771	40.79608
## 1025138	1	1.80	-73.97600	40.68435
## 1025256	1	5.30	-73.95188	40.72329
## 1025578	1	0.80	-73.97778	40.68986
## 1026066	1	0.50	-73.95531	40.80446
## 1026075	1	0.63	-73.95103	40.72415
## 1026269	1	2.78	-73.93933	40.80527
## 1026874	1	5.66	-73.94039	40.84065
## 1027096	1	1.35	-73.95234	40.78981
## 1027480	1	0.63	-73.95264	40.81087
## 1027613	1	1.74	-74.00060	40.65783
## 1028105	1	3.61	-73.94232	40.84189
## 1028198	1	1.43	-73.95865	40.64998
## 1028262	1	1.80	-73.93047	40.67944
## 1028320	3	0.80	-73.88146	40.75020
## 1028639	1	0.50	-73.94931	40.82279
## 1028843	1	3.30	-73.99100	40.70273
## 1030050	1	0.91	-73.92341	40.75573
## 1030696	1	6.03	-73.90215	40.74578
## 1030799	1	19.41	-73.96525	40.80400
## 1031116	1	0.48	-73.98124	40.68805
## 1032403	1	4.70	-73.95310	40.71877
## 1032451	1	8.90	-73.92673	40.86466
## 1032522	1	0.80	-73.94976	40.68046
## 1032564	1	1.90	-73.92603	40.81820
## 1032595	1	1.50	-73.94949	40.80193
## 1032853	1	7.45	-73.93920	40.81069
## 1033060	1	2.65	-73.93916	40.80549
## 1033103	2	1.95	-73.89807	40.82161
## 1033610	1	0.88	-73.95795	40.81077
## 1033830	1	2.11	-73.84518	40.72200
## 1033879	1	0.64	-73.92170	40.76670
## 1034054	1	1.38	-73.93628	40.70211
## 1035045	5	5.64	-73.87719	40.88051
## 1035106	1	4.45	-73.95112	40.79133
## 1035794	1	1.27	-73.96520	40.69201
## 1035845	1	1.53	-73.89102	40.74697
## 1036006	1	6.21	-73.94855	40.78487
## 1036151	1	0.80	-73.93771	40.81287
## 1036399	1	0.80	-73.92986	40.67940
## 1036950	1	0.60	-73.99541	40.68313
## 1036993	5	2.95	-73.95822	40.71724
## 1037026	1	0.28	-73.92197	40.75526
## 1037109	1	0.73	-73.95741	40.80035
## 1037588	1	2.13	-73.89269	40.74897
## 1038244	1	0.72	-73.98251	40.66585
## 1038810	1	7.12	-73.95105	40.79063
## 1039262	1	1.77	-73.88897	40.75526
## 1039338	1	3.37	-73.98848	40.69651
## 1039481	6	0.77	-73.98499	40.66270
## 1039548	1	4.15	-73.95319	40.80751
## 1039895	1	3.37	-73.95020	40.81145
## 1040270	1	2.19	-73.94910	40.80771
## 1040296	2	0.79	-73.98166	40.66675
## 1040602	1	3.80	-73.87763	40.75045
## 1040799	1	2.00	-73.94309	40.68002
## 1041637	1	6.40	-73.86375	40.73273
## 1041694	1	1.81	-73.91882	40.75907
## 1041819	1	1.33	-73.92587	40.75688
## 1041863	1	4.26	-73.94601	40.78957
## 1041868	1	3.26	-73.95091	40.81026

## 1042583	1	7.64	-73.86375	40.73277
## 1043006	1	1.82	-73.98505	40.67886
## 1043035	1	0.52	-73.95913	40.80942
## 1043405	1	3.17	-73.80399	40.71725
## 1043435	1	0.92	-73.94231	40.80619
## 1043544	1	0.37	-73.94203	40.82295
## 1043560	1	1.19	-73.95470	40.80530
## 1044030	1	1.03	-73.99473	40.68046
## 1045086	2	2.10	-73.97626	40.68415
## 1045117	1	4.20	-73.94956	40.79357
## 1045130	1	1.60	-73.87744	40.73641
## 1046071	1	7.38	-73.90333	40.74568
## 1046127	1	2.82	-73.91772	40.77002
## 1046139	2	0.77	-73.92092	40.75661
## 1046188	1	0.91	-73.89635	40.82117
## 1046655	5	2.40	-73.95289	40.68054
## 1046713	1	1.07	-73.84425	40.72149
## 1046962	1	2.57	-73.95897	40.65137
## 1047233	5	1.11	-73.86395	40.73297
## 1047475	5	1.64	-73.95673	40.68553
## 1047548	1	4.03	-73.92419	40.80744
## 1047834	2	0.89	-73.84420	40.72105
## 1047966	1	2.76	-73.97433	40.68629
## 1048905	1	1.60	-73.95723	40.68867
## 1049294	5	0.79	-73.89636	40.74618
## 1049381	1	1.55	-73.96228	40.80503
## 1049533	1	4.62	-73.91202	40.86183
## 1049710	1	2.40	-73.96538	40.80587
## 1050688	1	0.63	-73.94243	40.78651
## 1051048	1	0.87	-73.93443	40.67968
## 1051761	1	0.76	-73.95303	40.79854
## 1051986	1	5.58	-73.95697	40.80221
## 1052040	1	0.69	-73.96522	40.80612
## 1052302	1	3.60	-73.94171	40.79872
## 1053373	1	1.14	-73.95540	40.80456
## 1053695	1	2.38	-73.94167	40.82284
## 1053901	1	6.46	-73.88471	40.74451
## 1053905	1	1.10	-73.98740	40.69431
## 1054101	1	3.06	-73.96998	40.69321
## 1054394	1	5.32	-73.95731	40.68149
## 1054726	1	3.70	-73.95318	40.71084
## 1054777	1	2.05	-73.95170	40.71496
## 1055029	1	1.21	-73.84428	40.72133
## 1055816	1	1.26	-73.98546	40.67017
## 1055963	1	1.00	-73.96088	40.80690
## 1055966	1	2.90	-73.93124	40.66844
## 1056076	2	1.50	-73.84438	40.72137
## 1056486	1	2.00	-73.96519	40.71417
## 1056792	1	0.85	-73.84408	40.72123
## 1056890	5	2.15	-73.94867	40.82875
## 1057041	1	17.37	-73.94513	40.80820
## 1057169	1	1.06	-73.90305	40.74641
## 1057309	1	0.97	-73.89657	40.74623
## 1057325	1	2.72	-73.82607	40.74663
## 1057380	1	1.04	-73.89101	40.74694
## 1057550	1	4.56	-73.95090	40.66382
## 1057738	1	5.74	-73.96187	40.71340
## 1059189	1	4.40	-73.97731	40.68369
## 1059220	3	0.60	-73.96154	40.71416
## 1059611	1	3.12	-73.99650	40.69042
## 1059939	1	0.99	-73.95225	40.71811
## 1060005	4	0.90	-73.86634	40.74966
## 1060517	1	3.09	-73.84435	40.72110
## 1060558	5	3.24	-73.95174	40.72560

## 1060902	1	2.07	-73.94484	40.80852
## 1061040	1	0.90	-73.95786	40.71763
## 1061310	1	1.07	-73.90244	40.86041
## 1061326	2	2.20	-73.95232	40.71814
## 1062330	1	1.68	-73.97461	40.67568
## 1062466	2	5.01	-73.95544	40.71401
## 1062860	1	0.87	-73.96349	40.71032
## 1063031	1	1.77	-73.99258	40.68979
## 1064023	1	5.30	-73.95784	40.72184
## 1064105	1	1.87	-73.95267	40.80801
## 1064386	1	3.70	-73.90028	40.72876
## 1064397	1	5.84	-73.95465	40.71691
## 1064479	2	11.90	-73.92831	40.86641
## 1064690	1	8.60	-73.94287	40.71469
## 1065284	1	8.44	-73.95325	40.72781
## 1065468	1	0.60	-73.96164	40.69600
## 1066059	1	0.91	-73.95815	40.72166
## 1066090	4	1.40	-73.94285	40.79026
## 1066138	1	2.57	-73.93755	40.80420
## 1066657	2	0.80	-73.92040	40.66542
## 1066813	1	3.03	-73.94460	40.71447
## 1066837	1	1.54	-73.93976	40.79436
## 1067216	1	0.57	-73.91621	40.76249
## 1067328	1	5.75	-73.94178	40.82294
## 1067552	1	1.69	-74.01772	40.64142
## 1067775	1	9.40	-73.85699	40.89412
## 1067830	1	3.32	-73.94103	40.69997
## 1067910	2	7.50	-73.96042	40.71948
## 1067948	2	2.50	-73.94627	40.80063
## 1068412	1	10.31	-73.89191	40.82447
## 1068723	1	6.39	-73.94740	40.83078
## 1068893	1	2.80	-73.94700	40.80592
## 1069462	3	0.86	-73.97278	40.60757
## 1069982	1	1.00	-73.93922	40.80568
## 1070072	1	7.93	-73.80766	40.70036
## 1070246	1	1.38	-73.94045	40.81386
## 1070366	1	2.13	-73.96997	40.69316
## 1070513	3	4.68	-73.80024	40.70334
## 1070673	1	3.40	-73.98972	40.68785
## 1071596	1	1.36	-73.80350	40.71709
## 1071696	1	12.59	-73.89053	40.77076
## 1071985	2	0.40	-73.95029	40.80988
## 1072141	1	0.20	-73.92236	40.67067
## 1072955	1	4.44	-73.98243	40.69211
## 1073049	1	0.66	-73.95826	40.68013
## 1073286	1	1.73	-73.94934	40.80266
## 1074148	1	1.04	-73.95224	40.78984
## 1074277	1	3.64	-73.96303	40.71171
## 1074324	1	1.31	-73.98764	40.69056
## 1074454	1	0.79	-73.99253	40.68953
## 1074730	2	3.79	-73.86897	40.84688
## 1074997	1	2.06	-73.86198	40.73023
## 1075221	1	2.30	-73.95038	40.65871
## 1075782	1	6.08	-73.96156	40.80206
## 1076118	1	1.98	-73.99834	40.69210
## 1076119	1	2.22	-73.97445	40.68634
## 1076441	1	5.09	-73.95827	40.71736
## 1076460	5	1.55	-73.98011	40.66856
## 1076465	1	2.39	-73.99600	40.69318
## 1076468	1	1.52	-73.95663	40.71307
## 1076707	1	0.95	-73.98210	40.66204
## 1079058	1	1.50	-73.92552	40.76177
## 1079163	1	0.60	-73.99325	40.69670
## 1079176	1	0.50	-73.82574	40.74699

## 1079765	1	1.75	-73.83044	40.75941
## 1079812	1	1.85	-73.95660	40.67497
## 1079980	1	1.62	-73.87881	40.74823
## 1080159	1	2.04	-73.89518	40.74642
## 1080531	1	4.09	-73.91209	40.77499
## 1080584	1	2.45	-73.97826	40.68438
## 1080648	1	1.40	-73.94576	40.79022
## 1080769	1	9.91	-73.99223	40.68960
## 1081096	1	1.70	-73.92283	40.81745
## 1081809	1	2.78	-73.93659	40.84943
## 1081883	1	0.61	-73.98703	40.69325
## 1082159	3	0.85	-73.95673	40.80508
## 1082201	1	1.93	-73.99062	40.66067
## 1082214	1	0.74	-73.92800	40.76974
## 1082461	1	7.94	-73.97220	40.68961
## 1082509	1	1.01	-73.94130	40.82349
## 1082764	1	3.45	-73.94397	40.79544
## 1082821	1	1.27	-73.96308	40.67446
## 1084052	5	1.11	-73.94642	40.71993
## 1084567	1	1.37	-73.93552	40.79591
## 1084596	1	2.96	-73.99083	40.69287
## 1084632	1	0.85	-73.84531	40.72155
## 1084734	1	1.70	-73.95411	40.79017
## 1084760	6	2.06	-73.96476	40.69694
## 1085188	2	0.60	-73.92773	40.81867
## 1085203	1	1.10	-73.91755	40.81599
## 1085262	1	2.80	-73.94527	40.69585
## 1085286	2	1.10	-73.98358	40.68885
## 1085433	1	3.80	-73.91888	40.75907
## 1086495	6	2.36	-73.95640	40.71710
## 1086683	2	0.70	-73.93810	40.74872
## 1086734	1	1.10	-73.92583	40.77217
## 1086825	2	2.10	-73.97953	40.66081
## 1086873	2	4.20	-73.97105	40.67537
## 1086954	1	1.83	-73.91267	40.75604
## 1087113	6	1.16	-73.95649	40.71699
## 1087356	1	1.10	-73.94884	40.71056
## 1087427	1	1.61	-73.95307	40.67607
## 1087485	1	1.47	-73.93111	40.65885
## 1087804	1	1.86	-73.97022	40.68773
## 1088042	1	3.97	-73.94001	40.70877
## 1088377	1	3.20	-73.92284	40.74350
## 1089173	1	1.26	-73.84413	40.72127
## 1089289	1	1.88	-73.97605	40.68394
## 1089576	1	1.00	-73.89935	40.82520
## 1090529	1	0.70	-73.95387	40.80657
## 1090570	1	2.70	-73.98595	40.68984
## 1090656	1	0.67	-73.95538	40.71411
## 1090886	1	2.00	-73.94921	40.80244
## 1091094	1	2.20	-73.87469	40.73465
## 1091265	1	1.98	-73.88522	40.74755
## 1091266	1	1.02	-73.86183	40.75010
## 1091540	1	1.70	-73.96126	40.71454
## 1091657	1	3.04	-73.92121	40.76685
## 1091702	1	1.43	-73.87862	40.74818
## 1091919	0	1.30	-73.91987	40.83208
## 1092100	1	6.99	-73.85574	40.74100
## 1092461	2	0.24	-73.88405	40.74735
## 1092840	1	0.97	-73.94886	40.79737
## 1092907	1	4.02	-73.96706	40.68451
## 1092986	1	4.80	-73.95979	40.63715
## 1093333	2	3.64	-73.89926	40.86577
## 1093876	1	1.29	-73.85379	40.87339
## 1094557	1	1.70	-73.94536	40.80767

## 1094807	1	2.80	-73.94926	40.66092
## 1094817	1	2.10	-73.93575	40.85024
## 1095046	1	4.13	-73.95427	40.64046
## 1095105	1	1.33	-73.88639	40.76114
## 1095182	1	0.45	-73.94148	40.79853
## 1095467	1	0.82	-73.95171	40.80456
## 1095920	1	4.17	-73.95287	40.65451
## 1096022	1	3.90	-73.96689	40.80415
## 1096482	1	0.39	-73.99593	40.69071
## 1096616	1	2.12	-73.91713	40.74162
## 1096848	1	0.80	-74.01434	40.64470
## 1097552	1	0.72	-73.91621	40.81701
## 1097750	1	0.43	-73.90339	40.83523
## 1097781	1	1.18	-73.91216	40.78060
## 1098023	1	1.47	-73.94921	40.78534
## 1098138	1	1.00	-73.86526	40.75305
## 1098297	1	5.44	-73.98962	40.70253
## 1098427	1	17.51	-73.94724	40.79680
## 1098581	1	2.51	-73.94217	40.81748
## 1098788	1	2.10	-73.96211	40.80495
## 1099271	1	1.60	-73.93913	40.80561
## 1099318	1	2.20	-73.89333	40.86774
## 1099947	5	15.65	-73.90332	40.74576
## 1099966	1	3.06	-73.92930	40.67934
## 1100247	3	6.04	-73.80740	40.70059
## 1100404	2	0.73	-73.98084	40.68860
## 1100593	1	0.96	-73.91187	40.77528
## 1100627	1	1.01	-73.93420	40.76292
## 1101334	1	1.30	-73.99332	40.70070
## 1101907	1	1.21	-73.95300	40.79187
## 1102236	1	0.87	-73.91898	40.66777
## 1102622	1	2.07	-73.95934	40.80936
## 1102861	1	0.41	-73.91347	40.75634
## 1103306	1	4.30	-73.93738	40.80758
## 1103530	2	4.74	-73.86975	40.73307
## 1104448	1	1.49	-73.93916	40.80520
## 1104681	1	10.94	-73.96019	40.71410
## 1104899	1	4.14	-73.91212	40.77510
## 1105050	1	0.63	-73.88717	40.73027
## 1105268	1	3.10	-73.91815	40.82536
## 1105364	1	8.30	-73.94014	40.85136
## 1105600	1	1.87	-73.94178	40.79549
## 1105612	1	0.17	-73.97865	40.67049
## 1106343	1	2.66	-74.00597	40.64346
## 1106638	1	6.38	-73.98867	40.69572
## 1106677	1	3.64	-73.94547	40.79044
## 1106818	1	1.39	-73.95569	40.67706
## 1107945	1	1.32	-73.95401	40.58749
## 1108703	1	6.96	-73.92496	40.81413
## 1109121	1	2.40	-73.84377	40.72165
## 1109191	1	6.30	-73.98689	40.70246
## 1109360	1	5.80	-73.91623	40.76244
## 1109733	1	0.80	-73.91418	40.74614
## 1109848	1	1.36	-73.93313	40.85572
## 1110413	1	2.03	-73.93816	40.80068
## 1110447	2	11.77	-73.83060	40.75959
## 1110586	1	1.63	-73.95248	40.81069
## 1110749	1	3.93	-73.97665	40.68766
## 1110936	1	0.98	-73.91803	40.81625
## 1111007	1	0.00	-73.86767	40.85447
## 1111288	1	2.46	-73.96113	40.66387
## 1111337	1	1.27	-73.95498	40.79927
## 1111352	1	0.36	-73.91757	40.76999
## 1111392	1	2.25	-73.95871	40.80086

## 1111483	1	12.59	-73.88987	40.74701
## 1111993	1	0.80	-73.94288	40.82334
## 1112263	1	0.00	-73.94193	40.83765
## 1112650	5	1.42	-73.94923	40.78516
## 1112939	1	1.97	-73.82771	40.71275
## 1113580	1	0.55	-73.83002	40.71378
## 1113773	1	1.85	-73.98007	40.67705
## 1114508	1	9.60	-73.99254	40.70285
## 1114580	1	5.10	-73.96173	40.66693
## 1114985	1	6.61	-73.86081	40.72162
## 1115941	1	2.89	-73.85869	40.82408
## 1116886	1	0.28	-73.92589	40.75695
## 1117163	1	0.50	-73.95083	40.68616
## 1117322	1	1.40	-73.99747	40.68361
## 1118307	1	1.62	-73.91077	40.77609
## 1118325	1	1.64	-73.98716	40.69382
## 1119068	1	1.11	-73.95303	40.81776
## 1119738	1	1.29	-73.93083	40.69207
## 1119868	2	10.38	-73.86398	40.73723
## 1120005	1	0.79	-73.98425	40.69358
## 1120372	1	1.60	-73.87992	40.64634
## 1120733	1	1.90	-73.97175	40.69781
## 1121949	1	2.03	-73.92300	40.75544
## 1122005	1	2.47	-73.99570	40.67899
## 1122227	1	0.59	-73.87383	40.75685
## 1122284	1	1.81	-73.95370	40.68244
## 1122405	1	1.08	-73.98637	40.70375
## 1122993	1	4.40	-73.99065	40.69325
## 1123681	1	1.00	-73.95795	40.69440
## 1123719	1	0.90	-73.95950	40.71625
## 1123748	6	2.00	-73.97727	40.65969
## 1123931	1	1.00	-73.91282	40.76596
## 1124127	1	7.41	-73.94783	40.79603
## 1124232	1	5.88	-73.94019	40.84073
## 1124668	1	0.78	-73.84431	40.72136
## 1125693	1	0.85	-73.91541	40.76407
## 1125721	1	3.02	-73.96723	40.67825
## 1125894	5	3.09	-73.89920	40.74271
## 1126502	1	3.60	-73.88346	40.74784
## 1126782	1	2.08	-73.91808	40.76536
## 1126795	1	14.22	-73.93947	40.82613
## 1126822	1	1.26	-73.96101	40.80689
## 1126838	1	1.08	-73.94527	40.80794
## 1127219	1	0.61	-73.89072	40.74904
## 1127257	1	0.00	-73.85471	40.82328
## 1127477	1	2.81	-73.95827	40.72157
## 1127488	1	8.21	-73.98935	40.70264
## 1127650	1	0.83	-73.84229	40.84077
## 1127929	1	1.02	-73.98708	40.69381
## 1127939	1	5.63	-73.94112	40.79250
## 1129002	1	1.00	-73.92472	40.81805
## 1129140	1	2.05	-73.84423	40.72135
## 1129354	1	3.16	-73.98719	40.69242
## 1129408	1	3.56	-73.92221	40.75502
## 1129738	1	3.96	-73.98304	40.67730
## 1129759	1	2.05	-73.94183	40.68003
## 1130026	1	4.00	-73.94136	40.71332
## 1130070	1	6.98	-73.95452	40.81163
## 1130357	2	4.88	-73.93508	40.68309
## 1130614	1	3.80	-73.98675	40.70247
## 1130776	1	2.30	-73.84825	40.73023
## 1130869	1	1.50	-73.98924	40.69184
## 1130907	1	3.40	-73.96468	40.71536
## 1131025	1	1.85	-73.94101	40.81668

## 1131256	4	0.02	-73.94216	40.66995
## 1131339	1	6.62	-73.84377	40.72157
## 1131898	1	2.60	-73.98960	40.69217
## 1131914	2	1.29	-73.84428	40.72132
## 1132079	1	2.41	-73.95367	40.71405
## 1132419	1	0.20	-73.80785	40.70003
## 1132868	1	1.03	-73.84408	40.72118
## 1133002	1	5.78	-73.98007	40.66861
## 1133452	1	3.29	-73.97813	40.68474
## 1134331	1	0.69	-73.86053	40.83341
## 1134670	1	3.00	-73.95656	40.71889
## 1134899	5	2.05	-73.92017	40.75748
## 1135116	1	1.88	-73.94440	40.68540
## 1135135	1	2.95	-73.84427	40.72140
## 1135344	1	2.61	-73.96355	40.80278
## 1135437	1	7.65	-73.98880	40.67036
## 1135627	1	6.90	-73.99342	40.70047
## 1135741	1	2.75	-73.93925	40.80553
## 1136028	3	9.85	-73.94690	40.67852
## 1137459	1	0.90	-73.80756	40.70036
## 1137696	1	7.70	-73.96328	40.67554
## 1137866	1	1.00	-73.97250	40.67745
## 1138281	1	1.92	-73.95121	40.78597
## 1138697	1	7.86	-73.94864	40.78597
## 1138850	1	2.56	-73.96376	40.80798
## 1138968	1	2.39	-73.98672	40.70238
## 1139048	1	12.50	-73.89246	40.74668
## 1139622	1	3.14	-73.94473	40.68742
## 1139811	1	2.69	-73.91963	40.67878
## 1139827	1	7.36	-73.87760	40.73703
## 1140083	1	0.50	-73.90852	40.82414
## 1140523	1	1.10	-73.94749	40.79645
## 1140939	1	4.90	-73.98677	40.70241
## 1141623	1	7.57	-73.99069	40.69618
## 1141631	1	1.02	-73.96818	40.71083
## 1141930	1	2.11	-73.99387	40.69542
## 1141985	2	3.16	-73.84485	40.72211
## 1142004	1	0.32	-73.94778	40.81475
## 1142032	1	1.60	-73.94469	40.81916
## 1142505	1	2.00	-73.89261	40.74718
## 1142853	1	1.90	-73.98856	40.69317
## 1142881	1	1.20	-73.98681	40.70251
## 1143292	1	0.75	-73.92937	40.76397
## 1143611	1	2.90	-73.95473	40.78934
## 1144347	2	1.79	-73.94290	40.81145
## 1144351	1	6.69	-73.92700	40.80665
## 1144573	1	3.11	-73.95499	40.80500
## 1144672	1	1.10	-73.94769	40.79607
## 1145525	5	2.86	-73.88456	40.74758
## 1146242	1	3.31	-73.92631	40.82044
## 1146435	1	11.82	-73.96214	40.80561
## 1147173	1	6.64	-73.89126	40.74663
## 1147521	1	2.00	-73.93952	40.69045
## 1147604	1	2.14	-73.80706	40.69950
## 1148369	1	0.60	-73.84431	40.72136
## 1148537	1	1.00	-73.93466	40.85222
## 1148541	1	2.60	-73.96351	40.80358
## 1148765	1	1.40	-73.95283	40.78913
## 1149606	1	5.04	-73.92297	40.82652
## 1149634	1	2.24	-73.99086	40.69267
## 1150555	1	7.30	-73.98132	40.66740
## 1150717	6	1.52	-73.90096	40.74577
## 1150936	1	0.89	-73.93514	40.79596
## 1151355	1	3.91	-74.02795	40.62251

## 1151557	1	4.95	-73.95802	40.81579
## 1151641	1	1.39	-73.95468	40.68734
## 1152392	1	0.50	-73.99580	40.68295
## 1152592	1	9.00	-73.94166	40.85146
## 1152891	3	2.05	-73.96631	40.80405
## 1153028	1	1.89	-73.93965	40.80542
## 1153423	1	0.59	-73.96102	40.80695
## 1153484	1	5.32	-74.02423	40.62020
## 1153579	1	4.53	-73.95248	40.78974
## 1153625	1	0.68	-73.87619	40.74842
## 1154146	1	2.68	-73.97449	40.68551
## 1155101	1	1.13	-73.95367	40.79075
## 1155423	1	0.35	-73.93135	40.76499
## 1155751	1	1.05	-73.95059	40.79218
## 1156766	1	0.17	-73.83021	40.75957
## 1157328	1	5.20	-73.94420	40.81979
## 1157482	1	1.60	-73.95380	40.74717
## 1157764	1	0.83	-73.84418	40.72111
## 1157903	1	2.11	-73.94147	40.68612
## 1158310	1	1.50	-73.95111	40.78603
## 1158523	1	0.49	-73.91381	40.76538
## 1158565	1	1.36	-73.95118	40.82520
## 1158619	1	2.24	-73.96674	40.80401
## 1158739	1	1.44	-73.91898	40.74298
## 1159051	2	1.84	-73.95324	40.78822
## 1159456	1	2.02	-73.96474	40.80682
## 1159640	1	0.84	-73.91440	40.75681
## 1159866	1	2.25	-73.97859	40.68427
## 1160188	1	4.30	-73.90733	40.68339
## 1160725	1	2.60	-73.95347	40.79086
## 1160809	1	0.57	-73.94565	40.80744
## 1160823	1	1.01	-73.91781	40.77034
## 1160905	1	0.40	-73.91773	40.77002
## 1161779	1	2.09	-73.82589	40.68983
## 1161921	6	3.02	-73.99439	40.69019
## 1162394	2	1.76	-73.83002	40.71381
## 1162496	1	1.72	-73.84486	40.72164
## 1162565	5	1.28	-73.99048	40.69268
## 1163359	2	2.46	-73.93995	40.79812
## 1163957	1	5.30	-73.90320	40.77522
## 1164079	1	3.40	-73.95332	40.78861
## 1164631	1	1.72	-73.92066	40.75689
## 1165744	1	2.29	-73.95899	40.70932
## 1165833	1	2.71	-73.94428	40.68770
## 1165961	5	1.23	-73.84435	40.72139
## 1166004	5	6.81	-73.94540	40.79923
## 1166551	1	3.05	-73.98682	40.70242
## 1166633	1	3.78	-73.94197	40.82955
## 1167269	1	4.60	-73.98668	40.70370
## 1167706	1	0.72	-73.84406	40.72114
## 1167970	1	1.43	-73.91637	40.80841
## 1168291	5	5.51	-73.87874	40.66577
## 1168703	1	0.85	-73.94714	40.79134
## 1168834	1	1.02	-73.95770	40.71797
## 1169758	1	1.42	-73.94962	40.80196
## 1170028	1	1.10	-73.89159	40.74676
## 1170045	1	6.70	-73.95707	40.74814
## 1170073	1	2.80	-73.98678	40.70184
## 1170285	1	8.10	-74.00844	40.68125
## 1170620	1	0.82	-73.93922	40.80543
## 1170730	1	1.04	-73.95306	40.82278
## 1171289	1	2.77	-73.97602	40.68408
## 1171408	6	0.81	-73.90347	40.74579
## 1171725	1	1.65	-73.97888	40.68366

## 1171797	4	0.50	-73.97952	40.67355
## 1171999	1	1.58	-73.94053	40.66393
## 1172189	1	3.99	-73.99922	40.67553
## 1172442	5	2.03	-73.90336	40.74587
## 1172698	2	0.80	-73.94931	40.71408
## 1172869	1	1.30	-73.94572	40.74585
## 1172882	1	0.70	-73.99988	40.68501
## 1173204	5	0.97	-73.95116	40.81010
## 1173387	1	3.74	-73.96085	40.80710
## 1173527	2	4.00	-73.95666	40.72304
## 1173721	1	2.88	-73.97655	40.68277
## 1173810	1	0.92	-73.94855	40.82883
## 1174008	1	3.11	-73.95258	40.68903
## 1174078	1	0.65	-73.92651	40.81833
## 1175277	1	3.87	-73.92997	40.86330
## 1175383	1	1.00	-73.89656	40.74633
## 1175555	1	1.69	-73.99192	40.69968
## 1175597	2	0.89	-73.94430	40.71422
## 1176028	1	0.92	-73.89167	40.74693
## 1176688	1	7.10	-73.93323	40.75844
## 1176817	1	2.20	-73.99164	40.69102
## 1176870	1	0.60	-73.98616	40.66936
## 1176950	1	4.66	-73.96124	40.71884
## 1176976	6	0.21	-73.95388	40.80604
## 1177876	1	1.77	-73.88273	40.75578
## 1178813	1	4.73	-73.89092	40.74694
## 1178951	2	0.90	-73.92671	40.69794
## 1179044	5	1.65	-73.87630	40.74856
## 1179119	1	4.03	-73.99102	40.68577
## 1179421	1	2.61	-73.97872	40.68396
## 1179577	1	3.45	-73.96091	40.69401
## 1179652	1	1.62	-73.88223	40.74788
## 1179807	2	7.20	-73.83020	40.71372
## 1179931	1	2.08	-73.88885	40.74707
## 1179971	1	3.72	-73.95049	40.72386
## 1180047	1	0.58	-73.86575	40.73656
## 1180489	1	1.50	-73.86958	40.74932
## 1181093	1	1.10	-73.95169	40.69058
## 1181263	1	7.34	-73.95081	40.80250
## 1181264	1	0.88	-73.91908	40.75882
## 1181306	1	1.33	-73.88483	40.74431
## 1181363	1	2.09	-73.93501	40.80093
## 1181410	1	0.75	-73.94285	40.81165
## 1181465	1	1.25	-73.90759	40.83604
## 1181821	1	3.10	-73.95162	40.79085
## 1183038	1	0.86	-73.99751	40.68371
## 1183513	1	2.07	-73.94869	40.80328
## 1183556	1	0.62	-73.95982	40.81547
## 1183790	1	1.27	-73.93797	40.79706
## 1184293	1	3.79	-73.96177	40.72026
## 1184546	1	5.70	-73.95937	40.71703
## 1184930	2	0.60	-73.99263	40.68675
## 1185379	1	3.60	-73.90324	40.74580
## 1186578	5	7.03	-73.97135	40.68761
## 1186899	1	1.00	-73.97253	40.63622
## 1186971	1	5.68	-73.94820	40.78490
## 1187098	1	4.10	-73.87950	40.87508
## 1187157	1	6.49	-73.99295	40.69772
## 1187215	1	0.71	-73.93977	40.66055
## 1187675	1	8.20	-73.98678	40.70211
## 1187878	1	0.80	-73.95862	40.68200
## 1187891	1	0.90	-73.86162	40.74436
## 1187913	1	0.90	-73.93646	40.81440
## 1188565	1	5.55	-73.98069	40.66902

## 1188724	3	2.81	-73.98212	40.69149
## 1188765	1	0.59	-73.91087	40.76878
## 1189023	1	0.92	-73.97297	40.69330
## 1189530	1	4.02	-73.99078	40.70306
## 1189903	2	2.50	-73.95535	40.82007
## 1190042	1	2.80	-73.95157	40.73107
## 1190061	1	5.60	-73.99108	40.69319
## 1190277	1	0.72	-73.91889	40.74298
## 1191156	1	1.75	-73.96211	40.80547
## 1191197	1	0.02	-73.81554	40.75557
## 1191615	1	0.80	-73.94573	40.72553
## 1191705	3	2.10	-73.89648	40.74624
## 1191873	2	9.70	-73.86240	40.73042
## 1192238	1	0.82	-73.95054	40.80571
## 1192515	5	1.34	-73.94152	40.82275
## 1192741	2	6.55	-73.93787	40.74526
## 1192933	1	8.47	-73.92686	40.86576
## 1193062	1	1.71	-73.98727	40.69310
## 1193194	1	16.91	-73.99372	40.57797
## 1194036	1	0.95	-73.94485	40.80758
## 1194805	1	6.34	-73.93581	40.79972
## 1195649	1	0.00	-73.90060	40.84306
## 1195778	1	1.17	-73.92528	40.80991
## 1195943	1	4.39	-73.98904	40.69222
## 1195981	1	5.39	-73.90617	40.77282
## 1196126	1	2.57	-74.00052	40.66989
## 1196154	1	2.36	-73.95528	40.78892
## 1196474	1	2.44	-73.97601	40.68372
## 1196629	1	1.23	-73.87828	40.75317
## 1196676	1	4.02	-73.98772	40.69037
## 1196969	1	8.81	-73.98872	40.69337
## 1197309	2	4.10	-73.98739	40.69136
## 1198004	1	2.00	-73.95218	40.69361
## 1198070	1	1.66	-73.97540	40.67459
## 1198167	1	1.55	-73.95322	40.78690
## 1198741	1	1.84	-73.98372	40.67226
## 1199047	1	1.89	-74.02874	40.62292
## 1199491	1	1.00	-73.95007	40.82661
## 1199615	1	2.30	-73.82393	40.72991
## 1199661	1	1.50	-73.96078	40.80260
## 1199673	1	4.70	-73.94270	40.84155
## 1199676	1	1.00	-73.87387	40.82282
## 1200215	1	3.79	-73.95201	40.79093
## 1200671	1	0.49	-73.95357	40.82203
## 1201868	1	0.99	-73.92972	40.81319
## 1202208	1	2.70	-73.94071	40.80593
## 1202521	2	2.60	-73.96120	40.80548
## 1202898	1	1.10	-73.90230	40.82956
## 1202902	1	0.78	-73.94100	40.80512
## 1203253	5	0.80	-73.98730	40.69237
## 1203686	1	2.44	-73.91776	40.76996
## 1204062	1	0.87	-73.98717	40.69323
## 1204096	5	1.63	-73.98122	40.66723
## 1204532	1	0.00	-73.89045	40.75737
## 1205009	2	0.60	-73.87717	40.73759
## 1205018	1	2.60	-73.98019	40.66459
## 1205383	1	1.90	-73.95194	40.78973
## 1205451	1	2.70	-73.95654	40.71692
## 1205531	1	5.30	-73.88358	40.74776
## 1205971	1	1.12	-73.83025	40.71356
## 1206954	1	2.12	-73.95408	40.80406
## 1207065	1	1.93	-73.87781	40.88710
## 1208182	1	1.46	-73.91509	40.76388
## 1208258	1	0.96	-73.91476	40.66172

## 1208655	1	12.70	-73.96069	40.67358
## 1208661	1	0.40	-73.95612	40.81344
## 1208674	2	1.10	-73.94947	40.80183
## 1209160	1	0.00	-73.97430	40.64383
## 1209459	1	2.53	-73.96194	40.80544
## 1209557	1	0.89	-73.95778	40.71780
## 1209740	1	0.78	-73.95284	40.78679
## 1209840	1	1.27	-73.96663	40.80411
## 1209870	1	0.74	-73.90340	40.74541
## 1209947	2	1.85	-73.95445	40.68631
## 1209964	1	4.65	-73.95013	40.79296
## 1210149	5	2.88	-73.94369	40.70052
## 1210869	1	9.49	-73.97020	40.68991
## 1210971	1	0.63	-73.92139	40.76661
## 1210975	5	2.57	-73.97791	40.67114
## 1211173	1	1.12	-73.87991	40.87980
## 1211303	1	2.02	-73.95653	40.71701
## 1211351	1	1.13	-73.99242	40.68962
## 1211555	1	4.50	-73.95344	40.72836
## 1211617	1	0.48	-73.95418	40.72992
## 1211964	1	2.30	-73.95356	40.79068
## 1212038	1	0.80	-73.81572	40.70024
## 1212192	1	1.10	-73.94997	40.71412
## 1213061	1	1.94	-73.95619	40.81898
## 1213335	1	1.96	-73.88282	40.75188
## 1213358	1	1.53	-73.98653	40.70392
## 1213658	1	1.32	-73.95474	40.80085
## 1213762	5	1.19	-73.91825	40.77002
## 1213801	1	1.53	-73.98700	40.69249
## 1214771	1	3.75	-73.87479	40.74913
## 1214853	1	1.27	-73.97512	40.68162
## 1215047	1	1.50	-73.95760	40.72969
## 1215663	1	0.85	-73.82992	40.75966
## 1215716	1	0.77	-73.90341	40.74582
## 1216297	1	0.49	-73.91891	40.75898
## 1216491	1	1.23	-73.89091	40.74679
## 1216693	1	1.90	-73.98777	40.66742
## 1217374	1	2.07	-73.97660	40.68703
## 1217823	1	5.00	-73.93728	40.80191
## 1217978	3	3.80	-73.90028	40.71270
## 1218021	1	4.90	-73.98668	40.70237
## 1218263	1	1.68	-73.94491	40.81388
## 1218735	1	8.27	-73.89055	40.74790
## 1218887	1	1.09	-73.89069	40.74646
## 1219061	2	1.89	-73.88386	40.74349
## 1219213	1	1.10	-73.87442	40.74867
## 1219529	1	0.85	-73.95682	40.71669
## 1219718	1	0.71	-73.98489	40.66851
## 1220208	1	1.10	-73.97134	40.69084
## 1220255	1	1.80	-73.86916	40.74897
## 1220926	1	3.81	-73.98131	40.68980
## 1221130	1	2.17	-73.95234	40.80847
## 1221190	1	1.36	-73.97646	40.68292
## 1221373	6	2.40	-73.96425	40.68031
## 1221888	1	4.95	-73.98158	40.68561
## 1221929	1	6.34	-73.94913	40.79401
## 1222478	1	3.10	-73.92000	40.75783
## 1222657	1	3.90	-73.96761	40.69325
## 1222748	1	0.82	-73.96113	40.71894
## 1222862	1	2.00	-73.95751	40.72943
## 1223015	1	3.54	-73.98676	40.69324
## 1223256	1	8.28	-73.95836	40.67636
## 1223398	1	2.48	-73.93665	40.69746
## 1223527	1	3.30	-73.95638	40.71340

## 1223731	1	4.60	-73.96036	40.71529
## 1223827	1	1.72	-73.96731	40.71330
## 1224091	2	12.10	-73.96403	40.80316
## 1224181	1	1.90	-73.83017	40.75972
## 1224222	1	1.90	-73.96458	40.71241
## 1224327	1	3.46	-73.95779	40.71790
## 1224986	1	1.27	-73.84413	40.72113
## 1225098	6	5.61	-73.96622	40.71298
## 1225343	1	0.73	-73.90925	40.77507
## 1225580	1	3.24	-73.92194	40.75518
## 1225873	1	1.70	-73.94485	40.82364
## 1226249	1	5.15	-73.94254	40.67926
## 1226535	1	3.42	-73.95557	40.79956
## 1226729	1	0.60	-73.94946	40.82271
## 1227701	1	0.01	-73.88499	40.74459
## 1228285	1	1.59	-73.95211	40.78626
## 1228677	1	3.70	-73.95191	40.68064
## 1228712	1	1.42	-73.93356	40.80289
## 1229249	1	9.85	-73.99459	40.69789
## 1229515	1	0.90	-73.93981	40.65944
## 1229644	1	1.20	-73.80785	40.70055
## 1230623	1	4.65	-74.00424	40.68397
## 1231010	1	2.41	-73.98660	40.70229
## 1231173	1	1.39	-73.95280	40.79196
## 1231748	1	1.30	-73.94302	40.81094
## 1231775	1	1.90	-73.95396	40.58726
## 1232343	1	1.47	-73.95415	40.69488
## 1233029	1	6.00	-73.90332	40.74584
## 1233183	1	1.68	-73.90466	40.74554
## 1233560	1	6.34	-73.99447	40.69796
## 1234088	1	8.64	-73.85516	40.70234
## 1234260	1	2.90	-73.95484	40.78908
## 1234310	1	2.00	-73.98704	40.69607
## 1234347	1	1.50	-73.84421	40.72005
## 1234644	2	1.70	-73.94665	40.80059
## 1234843	1	0.97	-73.95741	40.80420
## 1235392	1	6.13	-73.82606	40.74637
## 1236010	1	9.73	-73.94712	40.67650
## 1237329	1	10.49	-73.93987	40.79806
## 1237914	3	2.65	-73.95590	40.80367
## 1238686	1	1.33	-73.95529	40.82010
## 1238906	6	0.87	-73.99150	40.69144
## 1239457	6	5.37	-73.98193	40.69010
## 1239829	1	2.64	-73.95352	40.80707
## 1239948	1	19.50	-73.93340	40.67955
## 1239985	1	0.10	-73.94355	40.83073
## 1242032	2	4.60	-73.93751	40.64177
## 1242267	1	0.68	-73.90311	40.74588
## 1242377	1	1.66	-73.94048	40.81446
## 1242468	1	5.01	-73.92759	40.81138
## 1243628	1	0.98	-73.96882	40.67756
## 1243631	1	1.11	-73.97669	40.68974
## 1244589	1	2.84	-73.94017	40.84069
## 1244787	1	0.93	-73.90483	40.77202
## 1245386	3	0.77	-73.96631	40.80436
## 1245515	2	0.98	-73.94447	40.79185
## 1245558	1	1.12	-73.93822	40.82312
## 1246009	2	1.07	-73.95361	40.78796
## 1246227	2	1.90	-73.86968	40.73471
## 1246238	1	0.30	-73.95409	40.78726
## 1246342	1	3.40	-73.99066	40.69308
## 1246810	1	0.84	-73.97716	40.68528
## 1247194	5	4.46	-73.89262	40.74886
## 1247287	1	2.71	-73.84901	40.72174

## 1248075	2	0.94	-73.91188	40.77520
## 1248810	1	1.33	-73.92434	40.82413
## 1248821	2	5.85	-73.91178	40.77545
## 1249066	1	0.10	-73.93523	40.79620
## 1249078	1	3.70	-73.93933	40.80522
## 1249129	2	0.80	-73.94118	40.81382
## 1249426	1	1.90	-73.93808	40.80065
## 1250639	1	1.87	-73.96188	40.80568
## 1251092	1	1.71	-73.95107	40.72401
## 1251740	1	1.24	-73.91894	40.74301
## 1251821	1	2.15	-73.95399	40.80634
## 1252079	1	1.10	-73.95706	40.64278
## 1252251	1	5.10	-73.97494	40.67425
## 1252327	1	0.70	-73.95136	40.74342
## 1252679	5	1.15	-73.91904	40.74304
## 1254033	1	1.60	-73.97442	40.68637
## 1254213	1	1.25	-73.93916	40.80515
## 1254892	1	2.70	-73.96804	40.69780
## 1255626	1	1.00	-73.95105	40.70681
## 1256320	1	2.44	-73.93951	40.80507
## 1256663	1	3.57	-73.86814	40.74571
## 1256742	1	0.91	-73.98211	40.69146
## 1256778	1	1.24	-73.94762	40.79039
## 1257362	5	1.08	-73.95988	40.71589
## 1257559	1	2.19	-73.99275	40.69756
## 1257784	1	3.27	-73.91676	40.67865
## 1258479	1	1.07	-73.87424	40.73510
## 1258499	1	2.67	-73.98174	40.67467
## 1258716	1	3.86	-73.96631	40.69345
## 1258894	1	1.30	-73.96950	40.68954
## 1258913	1	1.40	-73.97512	40.67982
## 1259024	1	2.60	-73.84437	40.72133
## 1260260	1	1.45	-73.99348	40.68235
## 1260926	1	1.91	-73.97926	40.67823
## 1261039	1	3.44	-73.94283	40.71471
## 1261157	5	1.89	-73.84428	40.72136
## 1261280	1	0.98	-73.97892	40.68371
## 1261300	1	4.76	-73.84435	40.72142
## 1261482	2	3.76	-73.97844	40.68416
## 1261693	1	1.24	-73.89995	40.75394
## 1261730	1	1.08	-73.99240	40.68954
## 1262137	1	1.40	-74.02861	40.62284
## 1262155	2	1.20	-73.87328	40.74929
## 1262289	1	1.30	-73.95211	40.72310
## 1262388	1	1.70	-73.92747	40.81110
## 1262712	1	0.92	-73.90318	40.74592
## 1262958	1	1.59	-73.94900	40.69420
## 1263890	1	1.81	-73.86375	40.73279
## 1263911	5	5.24	-73.99046	40.69364
## 1264039	1	0.59	-73.91656	40.76464
## 1264666	1	1.27	-73.94939	40.79375
## 1264693	1	3.50	-73.98039	40.68818
## 1265032	1	0.50	-73.95171	40.71402
## 1265310	1	4.50	-73.80726	40.69964
## 1265469	1	1.96	-73.96127	40.80671
## 1265524	1	1.54	-73.94446	40.82444
## 1265621	1	0.43	-73.95786	40.67102
## 1266462	1	2.86	-73.99831	40.67732
## 1266539	1	0.75	-73.92136	40.76665
## 1267112	1	2.17	-73.97751	40.68696
## 1267904	1	1.60	-73.91075	40.77597
## 1267999	2	1.36	-73.90330	40.74574
## 1268443	1	3.16	-73.99121	40.68549
## 1268638	1	0.95	-73.91891	40.74299

## 1268650	6	4.12	-73.98011	40.66862
## 1268753	1	2.36	-73.94509	40.80830
## 1268848	1	5.38	-73.96108	40.71899
## 1269393	1	0.96	-73.95785	40.67096
## 1269600	1	2.01	-73.95785	40.70828
## 1269616	1	5.91	-73.98893	40.66596
## 1269664	1	2.22	-73.89082	40.74653
## 1269668	1	1.05	-73.84461	40.72045
## 1270748	1	4.56	-73.95148	40.71418
## 1270969	1	0.00	0.00000	40.72962
## 1271217	1	1.52	-73.78639	40.70164
## 1271331	1	1.65	-73.93916	40.80531
## 1271517	1	6.60	-73.95262	40.71402
## 1271678	1	1.40	-73.95283	40.72723
## 1271710	1	1.70	-73.99371	40.68686
## 1271807	1	0.90	-73.92815	40.67037
## 1272194	1	4.30	-73.94735	40.79074
## 1273365	1	1.80	-73.92336	40.70686
## 1274049	1	6.79	-73.94510	40.80813
## 1274151	1	12.01	-73.98698	40.66839
## 1274275	1	8.16	-73.96560	40.71339
## 1275128	1	0.66	-73.95383	40.79058
## 1275343	1	8.20	-73.99113	40.68221
## 1275385	1	2.90	-73.92046	40.74353
## 1275442	1	1.81	-73.95228	40.81059
## 1275444	2	1.86	-73.94657	40.80082
## 1275624	1	14.61	-73.94590	40.72534
## 1275703	1	1.21	-73.94144	40.82357
## 1275959	1	9.40	-73.95039	40.78572
## 1276277	1	3.17	-73.93052	40.85384
## 1276498	1	2.64	-73.95854	40.74384
## 1276860	1	1.22	-73.95400	40.78707
## 1276915	1	1.05	-73.94340	40.81598
## 1278009	1	7.14	-73.96172	40.81125
## 1278169	1	0.98	-73.93957	40.81575
## 1278282	1	2.68	-73.86636	40.84758
## 1278477	1	1.50	-73.94196	40.82921
## 1278869	1	0.36	-73.91720	40.76112
## 1279309	1	0.72	-73.95274	40.78655
## 1279382	1	0.34	-73.94402	40.82368
## 1279423	1	7.73	-73.96714	40.69460
## 1280961	1	2.12	-73.92145	40.84006
## 1281326	1	0.54	-73.93830	40.82307
## 1282229	1	0.50	-73.94405	40.81999
## 1282557	1	0.80	-73.98695	40.67197
## 1282581	1	0.90	-73.80754	40.70027
## 1282773	1	2.50	-73.95673	40.74554
## 1282870	1	4.70	-73.87109	40.73403
## 1284664	1	1.30	-73.95565	40.68090
## 1285115	1	2.30	-73.98657	40.70314
## 1285657	1	1.55	-73.93741	40.80747
## 1285830	1	2.03	-73.98682	40.70164
## 1286342	1	0.99	-73.94451	40.79169
## 1286500	1	1.67	-73.94819	40.78962
## 1286712	1	6.20	-73.99271	40.69357
## 1286906	2	1.40	-73.93922	40.80484
## 1287113	1	2.70	-73.93204	40.85090
## 1287274	1	1.20	-73.92085	40.75682
## 1287333	1	1.21	-73.95229	40.78981
## 1287670	1	1.29	-73.95995	40.71576
## 1288019	1	1.42	-73.86794	40.73450
## 1288120	1	2.77	-73.94588	40.79287
## 1289326	1	2.73	-73.94255	40.84124
## 1289633	1	7.30	-73.94813	40.80882

## 1289868	1	0.71	-73.93672	40.81968
## 1290312	1	3.50	-73.95280	40.80301
## 1290589	1	0.00	-73.93692	40.76453
## 1290682	1	3.90	-73.98048	40.68871
## 1290690	1	1.60	-73.90218	40.81194
## 1290805	1	0.70	-73.94255	40.79454
## 1290884	2	3.20	-73.90023	40.88065
## 1290989	1	5.30	-73.98663	40.70379
## 1291514	1	1.27	-73.91260	40.77432
## 1291945	1	1.42	-73.91120	40.66974
## 1292216	1	1.21	-73.93585	40.79535
## 1292384	1	2.64	-73.80348	40.71693
## 1292471	1	2.63	-73.95224	40.78987
## 1292538	5	0.37	-73.99053	40.69390
## 1292611	2	5.52	-73.94639	40.65280
## 1293254	1	2.40	-73.93715	40.66372
## 1293837	1	2.54	-73.84397	40.72092
## 1294417	1	5.39	-73.88373	40.66174
## 1294683	1	9.79	-73.96812	40.68943
## 1294770	1	2.18	-73.83019	40.71371
## 1294975	1	1.52	-73.95762	40.65505
## 1295082	1	2.97	-73.98046	40.66821
## 1295458	1	6.70	-73.89538	40.81747
## 1295901	1	3.90	-73.95338	40.78876
## 1296260	1	7.17	-73.95396	40.80642
## 1297213	1	1.24	-73.95184	40.79329
## 1297472	1	0.61	-73.95801	40.67965
## 1297545	5	4.75	-73.96315	40.80915
## 1297569	6	1.65	-73.99052	40.69448
## 1297836	1	2.28	-73.92121	40.65950
## 1297888	1	4.13	-73.97617	40.68400
## 1298268	1	1.94	-73.95305	40.79853
## 1298467	1	0.38	-73.94035	40.68004
## 1298825	1	1.00	-73.92748	40.77055
## 1298916	1	1.10	-73.94566	40.79023
## 1299338	1	8.47	-73.96178	40.80548
## 1299476	1	1.35	-73.95399	40.81639
## 1299918	1	3.12	-73.87196	40.84052
## 1300968	1	1.84	-73.95329	40.68047
## 1301354	1	2.54	-73.86710	40.73455
## 1302327	1	1.90	-73.91788	40.62622
## 1302641	1	1.70	-73.98008	40.68875
## 1303473	1	1.59	-73.84422	40.72154
## 1303568	1	0.00	-73.93792	40.68922
## 1303619	1	10.14	-73.99220	40.68979
## 1304044	6	2.91	-73.99720	40.66120
## 1304383	5	8.07	-73.97571	40.68709
## 1304659	1	1.85	-73.94868	40.80329
## 1305604	1	1.96	-73.98180	40.67068
## 1305670	1	0.98	-73.97591	40.69342
## 1305705	1	2.32	-73.93888	40.84498
## 1306131	1	2.50	-73.97982	40.68735
## 1306162	1	0.90	-73.97467	40.67566
## 1306735	1	2.60	-73.98941	40.70258
## 1306782	1	0.60	-73.95442	40.58752
## 1307599	1	2.93	-73.92220	40.75510
## 1308144	1	0.57	-73.92559	40.76209
## 1308187	1	2.38	-73.98663	40.69198
## 1308414	1	0.93	-73.97099	40.69318
## 1308909	5	3.07	-73.94861	40.67764
## 1309362	1	0.59	-73.94689	40.81608
## 1310180	5	2.61	-73.98286	40.66542
## 1311056	1	2.50	-73.96130	40.81179
## 1311071	1	6.10	-73.94198	40.70066

## 1311247	1	0.70	-73.95406	40.74312
## 1311303	1	0.50	-73.99062	40.69347
## 1311319	1	0.90	-73.90517	40.87901
## 1311518	1	6.78	-73.91055	40.77600
## 1311801	1	1.46	-73.90347	40.74583
## 1311956	1	0.89	-73.95476	40.78915
## 1312644	1	6.68	-73.94792	40.81443
## 1313547	1	4.38	-73.98180	40.68817
## 1314183	5	3.48	-73.95496	40.68895
## 1314248	1	7.97	-73.90313	40.81007
## 1314321	1	0.49	-73.92303	40.76083
## 1314751	2	2.40	-73.95786	40.68544
## 1314848	1	2.10	-73.82996	40.71374
## 1314968	1	0.90	-73.90354	40.74530
## 1314976	2	4.80	-73.93504	40.79649
## 1315796	5	5.31	-73.86971	40.73536
## 1315998	1	9.11	-73.98461	40.70236
## 1316041	1	0.93	-73.92274	40.70654
## 1316044	3	0.23	-73.94376	40.83586
## 1316306	1	7.86	-73.94772	40.79032
## 1316420	1	0.72	-73.82923	40.75987
## 1317057	1	0.87	-73.95736	40.71817
## 1317139	1	1.62	-73.87428	40.73508
## 1318116	1	2.61	-73.98151	40.67480
## 1318179	1	0.85	-73.91666	40.74273
## 1318650	1	1.41	-73.99194	40.69051
## 1318706	1	2.16	-73.94424	40.71450
## 1319058	2	1.50	-73.94622	40.79235
## 1319081	2	3.30	-73.96853	40.67850
## 1319209	1	1.10	-73.94791	40.81456
## 1319274	1	0.60	-73.86051	40.73601
## 1319640	1	0.05	-73.94269	40.84094
## 1320282	1	1.10	-73.96338	40.64934
## 1320444	5	1.22	-73.92725	40.81846
## 1320524	1	1.88	-73.95672	40.65051
## 1320551	1	2.38	-73.98707	40.69370
## 1320947	1	6.98	-73.93951	40.79033
## 1321145	1	0.51	-73.95867	40.71498
## 1321331	1	1.37	-73.95052	40.78654
## 1321686	1	2.26	-73.95172	40.80451
## 1322261	5	2.74	-73.95296	40.67892
## 1322621	2	3.80	-73.96054	40.68218
## 1322676	2	3.50	-73.96117	40.71892
## 1322803	1	1.70	-73.95560	40.80446
## 1322933	2	8.30	-73.99458	40.70281
## 1323228	1	1.00	-73.95998	40.80816
## 1323352	2	7.30	-73.95743	40.67231
## 1323519	1	4.86	-73.84412	40.72110
## 1323909	1	1.81	-73.93163	40.69741
## 1325676	1	2.92	-73.94490	40.83430
## 1325784	1	0.00	-73.96579	40.71288
## 1326144	1	1.26	-73.86243	40.73769
## 1326265	1	1.31	-73.94720	40.74806
## 1326817	1	2.90	-73.94547	40.84035
## 1328179	1	0.49	-73.91905	40.76587
## 1328257	1	6.03	-73.95482	40.80521
## 1328285	1	1.53	-73.92039	40.76805
## 1329483	1	1.79	-73.92577	40.75230
## 1329552	1	0.37	-73.94170	40.81275
## 1329690	1	0.59	-73.88425	40.75576
## 1329759	1	5.10	-73.96149	40.68232
## 1329881	1	0.56	-73.95699	40.72036
## 1330781	1	4.40	-73.92696	40.70144
## 1330919	1	3.70	-73.96358	40.72057

## 1331676	3	5.27	-73.94065	40.79329
## 1331687	1	0.51	-73.94339	40.81514
## 1331833	1	6.27	-73.92429	40.61310
## 1332402	1	1.74	-73.89150	40.74665
## 1332467	1	3.50	-73.92500	40.70038
## 1332510	2	1.95	-73.97814	40.68468
## 1332763	1	1.22	-73.92678	40.69375
## 1334113	1	3.00	-73.92865	40.70473
## 1334314	1	2.90	-73.91712	40.77047
## 1334397	1	6.90	-73.95515	40.73579
## 1334653	1	5.60	-73.98683	40.66851
## 1334794	1	1.13	-73.95244	40.81034
## 1334825	5	0.89	-73.90347	40.74563
## 1334872	1	8.99	-73.99811	40.67768
## 1335640	1	1.38	-73.96646	40.68337
## 1335858	1	4.02	-73.95196	40.71408
## 1335930	1	2.71	-73.95748	40.67246
## 1336028	1	5.42	-73.91871	40.75916
## 1336207	1	4.28	-73.95784	40.72204
## 1336377	1	2.18	-73.89082	40.74686
## 1336435	1	3.07	-73.94936	40.79673
## 1336637	1	0.58	-73.95015	40.82665
## 1336779	1	6.09	-73.96655	40.71125
## 1336846	1	3.10	-73.94940	40.68039
## 1336958	2	1.30	-73.95156	40.71388
## 1336977	1	0.50	-73.92879	40.67958
## 1337165	1	1.60	-73.94913	40.71407
## 1337211	1	3.40	-73.95142	40.72357
## 1337788	4	3.79	-73.95743	40.72229
## 1337814	1	2.30	-73.95506	40.73456
## 1339657	1	11.43	-73.94373	40.83843
## 1339989	1	3.96	-73.82989	40.75967
## 1340143	1	1.61	-73.91257	40.77468
## 1340221	1	5.56	-73.95171	40.71391
## 1340319	1	6.95	-73.93024	40.75464
## 1341049	1	0.80	-73.91226	40.77007
## 1341380	1	2.58	-73.94360	40.71461
## 1342013	1	3.71	-73.93910	40.84336
## 1342617	1	1.00	-73.89709	40.74900
## 1343208	5	2.28	-73.94351	40.70168
## 1343510	1	0.69	-73.88551	40.75556
## 1343511	1	3.01	-73.89063	40.74668
## 1343692	1	1.31	-73.94708	40.79690
## 1343983	5	2.74	-73.91276	40.77275
## 1344727	3	1.00	-73.95549	40.68113
## 1344769	1	3.00	-73.88362	40.74781
## 1344830	1	2.26	-73.92542	40.76186
## 1345047	1	0.71	-73.95216	40.73423
## 1345475	1	0.41	-73.99393	40.68652
## 1345838	1	1.61	-73.89123	40.74682
## 1346065	1	1.36	-73.93906	40.81672
## 1346237	1	0.90	-73.94872	40.80915
## 1346373	1	4.70	-73.95789	40.71761
## 1346554	1	1.60	-73.91486	40.76377
## 1346751	1	1.10	-73.94489	40.80257
## 1347119	1	0.59	-73.95399	40.80634
## 1347248	1	0.70	-73.97915	40.68299
## 1347566	1	4.33	-73.98282	40.57696
## 1347634	1	1.35	-73.90871	40.77469
## 1347777	5	1.95	-73.95534	40.69464
## 1348133	1	0.59	-73.89774	40.74621
## 1348193	1	1.15	-73.87869	40.75030
## 1348576	1	2.50	-73.96763	40.63555
## 1348724	1	8.26	-73.91026	40.87432

## 1349030	1	1.87	-73.94047	40.81398
## 1349295	1	3.70	-73.93925	40.84853
## 1349437	5	1.64	-73.94427	40.80956
## 1349491	6	0.61	-73.99095	40.69240
## 1349954	6	2.84	-73.96716	40.70898
## 1350337	1	3.05	-73.94235	40.75422
## 1352018	1	1.52	-73.95417	40.78708
## 1352168	2	1.95	-73.83037	40.75950
## 1352347	3	0.66	-73.98683	40.70242
## 1352367	1	1.76	-73.95981	40.65550
## 1352644	1	1.10	-73.97234	40.68948
## 1353411	2	4.01	-73.83038	40.75961
## 1353659	5	4.29	-73.90346	40.74570
## 1354284	1	6.42	-74.00284	40.57503
## 1354291	1	1.37	-73.95544	40.81243
## 1354351	6	4.63	-73.95191	40.68837
## 1354374	1	21.64	-73.93980	40.67992
## 1355173	1	2.90	-73.98125	40.69007
## 1355597	1	0.80	-73.92611	40.77191
## 1355960	1	1.23	-73.95571	40.80381
## 1356712	1	2.46	-73.92046	40.75960
## 1357382	1	3.09	-73.84271	40.84101
## 1357704	1	2.80	-73.88329	40.88074
## 1357750	1	7.70	-73.93774	40.80417
## 1357751	1	1.30	-73.98058	40.67632
## 1357859	1	0.80	-73.88662	40.74746
## 1358622	1	8.94	-73.94419	40.83533
## 1358663	4	1.03	-73.94931	40.79372
## 1358688	1	1.28	-73.86896	40.83971
## 1358834	1	0.79	-73.91470	40.75321
## 1358969	1	2.30	-73.94732	40.81556
## 1358970	1	0.93	-73.95560	40.80462
## 1359012	1	1.44	-73.97765	40.67163
## 1359461	1	1.39	-73.98914	40.66886
## 1359789	1	3.75	-73.87798	40.84303
## 1359819	3	1.96	-73.98673	40.70241
## 1360034	1	2.29	-73.84428	40.72141
## 1360297	1	1.29	-73.95238	40.79262
## 1360468	1	0.80	-73.89658	40.83276
## 1360496	1	1.40	-73.94164	40.79170
## 1360682	2	0.50	-73.95155	40.71344
## 1360816	1	1.80	-73.91117	40.75289
## 1361105	1	2.50	-73.99592	40.68922
## 1361270	1	1.58	-73.90336	40.74591
## 1361758	1	2.10	-73.95656	40.66354
## 1361858	1	2.12	-73.82988	40.71370
## 1362497	1	6.46	-73.94813	40.71699
## 1362576	1	1.48	-73.86966	40.74907
## 1362733	1	2.39	-73.93906	40.80510
## 1363283	1	1.27	-73.94880	40.80923
## 1363593	2	2.87	-73.92056	40.75710
## 1364267	1	3.50	-73.96087	40.72101
## 1365082	1	0.65	-73.94053	40.80591
## 1365211	2	3.45	-73.86942	40.73432
## 1366286	2	2.41	-73.98563	40.67841
## 1366303	1	1.94	-73.97451	40.66946
## 1366696	1	3.94	-73.93914	40.80563
## 1367244	2	3.10	-73.95374	40.80658
## 1368773	1	3.57	-73.99435	40.68110
## 1369141	1	1.21	-73.98343	40.69352
## 1369555	1	1.45	-73.95116	40.82035
## 1369571	1	2.35	-74.00668	40.65577
## 1370232	1	2.87	-73.95734	40.71767
## 1370242	2	3.72	-73.96351	40.71671

## 1370269	1	7.42	-73.95895	40.80951
## 1370573	0	0.00	-73.91779	40.75848
## 1370711	1	2.06	-73.95371	40.79074
## 1370970	1	2.04	-73.98158	40.57679
## 1371394	1	2.20	-73.95524	40.67830
## 1371680	2	1.30	0.00000	40.75287
## 1371857	1	3.30	-73.97419	40.67961
## 1371895	1	1.00	-73.86274	40.74969
## 1372206	5	4.78	-73.92245	40.75468
## 1372248	3	2.27	-73.94981	40.71406
## 1372904	1	5.52	-73.97440	40.67475
## 1373406	1	3.35	-73.95442	40.73086
## 1373542	1	0.70	-73.99269	40.69765
## 1373850	1	9.62	-73.85670	40.71376
## 1374187	1	1.34	-73.99733	40.68423
## 1375138	1	0.51	-73.96156	40.71839
## 1375776	1	2.00	-73.87186	40.75340
## 1376882	1	1.46	-73.99313	40.68259
## 1377151	2	5.43	-73.99185	40.70355
## 1377205	1	4.61	-73.98458	40.70317
## 1377525	5	3.82	-73.98676	40.70239
## 1377851	1	0.71	-73.91834	40.77018
## 1377909	2	2.04	-73.90317	40.86414
## 1378619	1	1.54	-73.95166	40.72534
## 1378795	1	1.87	-73.97189	40.67643
## 1378802	1	2.53	-73.95975	40.65529
## 1379621	1	1.60	-73.95039	40.79213
## 1379841	2	0.70	-73.99344	40.68752
## 1379979	1	8.80	-73.83432	40.75781
## 1380240	1	1.00	-73.93913	40.79102
## 1380781	1	5.16	-73.95479	40.68792
## 1380850	1	4.71	-73.95318	40.72789
## 1381160	5	4.54	-73.92748	40.81845
## 1381311	1	4.17	-73.87112	40.73398
## 1381361	1	3.85	-73.95238	40.79818
## 1381645	6	6.14	-73.89146	40.74667
## 1381702	1	1.23	-73.90105	40.74583
## 1381746	1	2.71	-74.00418	40.65108
## 1381911	1	4.37	-73.99916	40.67567
## 1382021	1	4.98	-73.93486	40.84774
## 1382034	1	5.84	-73.92564	40.76172
## 1382232	1	0.82	-73.94943	40.80191
## 1382959	2	3.20	-73.86208	40.73040
## 1383090	1	3.00	-73.95272	40.67710
## 1383922	1	1.50	-73.98213	40.67424
## 1384057	1	1.30	-73.85207	40.83407
## 1384434	1	1.72	-73.95172	40.72342
## 1384571	1	4.83	-73.92535	40.76178
## 1384635	1	0.80	-73.93985	40.79782
## 1384934	2	0.93	-73.86943	40.74903
## 1385690	1	1.42	-73.89148	40.74668
## 1385745	1	5.69	-73.94490	40.80926
## 1386143	3	1.10	-73.96235	40.70250
## 1386219	1	0.69	-73.94526	40.80791
## 1386617	1	1.71	-73.93429	40.67957
## 1387226	1	6.14	-73.90842	40.75404
## 1387503	1	0.76	-73.94995	40.71757
## 1387813	1	3.10	-73.96254	40.71009
## 1387887	1	9.60	-73.93906	40.67371
## 1388192	1	0.50	-73.97466	40.68614
## 1388352	1	1.80	-73.97704	40.67225
## 1388404	1	1.80	-73.96194	40.65080
## 1388455	1	1.30	-73.99181	40.68472
## 1388776	1	1.29	-73.92578	40.82831

## 1389215	1	4.59	-73.93849	40.80474
## 1389376	1	2.37	-73.91219	40.82141
## 1389505	1	0.89	-73.94650	40.80074
## 1389609	1	0.12	-73.95201	40.80895
## 1389749	1	0.80	-73.92407	40.70744
## 1389784	1	1.21	-73.93555	40.83334
## 1390059	1	3.01	-73.97913	40.66591
## 1390078	1	4.73	-73.96555	40.71061
## 1390123	1	1.79	-73.83057	40.75940
## 1390234	1	1.82	-73.98389	40.67200
## 1390315	1	3.74	-73.91089	40.77594
## 1390362	1	3.63	-73.97780	40.68472
## 1390567	1	0.80	-73.92920	40.68380
## 1390594	1	2.37	-73.94572	40.74590
## 1390619	1	2.71	-73.99927	40.68410
## 1391235	1	2.32	-73.84419	40.72125
## 1391334	1	9.26	-73.80749	40.70028
## 1392112	2	1.30	-73.96264	40.71718
## 1392580	1	1.10	-73.92465	40.69526
## 1392620	3	9.60	-73.99252	40.68183
## 1393102	1	0.74	-73.92530	40.76187
## 1393509	1	1.42	-73.95800	40.67034
## 1393818	1	1.80	-73.95355	40.80679
## 1394221	2	2.25	-73.95422	40.71402
## 1394481	1	3.14	-73.97882	40.68372
## 1394695	1	1.07	-73.95172	40.71353
## 1394769	1	6.48	-73.96375	40.71059
## 1394935	1	11.51	-73.86646	40.77103
## 1394957	1	0.99	-73.80745	40.70037
## 1395804	1	2.79	-73.97557	40.68683
## 1395936	2	2.34	-73.86611	40.87716
## 1396432	1	2.30	-73.93937	40.80536
## 1396952	1	4.90	-73.94384	40.83621
## 1397061	1	2.90	-73.99813	40.67787
## 1397432	1	0.89	-73.93967	40.84433
## 1397974	1	5.10	-73.95612	40.71738
## 1399368	1	1.13	-73.94344	40.81551
## 1399719	2	3.36	-73.93746	40.69447
## 1399825	6	1.59	-73.91838	40.75975
## 1399830	1	4.44	-73.95564	40.71413
## 1399867	1	0.72	-73.93511	40.70237
## 1400322	1	4.50	-73.89957	40.74063
## 1400327	1	8.30	-73.96961	40.69318
## 1400420	1	6.30	-73.92283	40.70664
## 1400510	1	7.10	-73.97704	40.68139
## 1400583	2	0.70	-73.92776	40.69772
## 1400670	1	9.40	-73.89227	40.74705
## 1401042	6	11.71	-73.91503	40.76036
## 1401245	1	1.83	-73.89099	40.74689
## 1401985	2	3.58	-73.96365	40.71032
## 1402054	1	3.12	-73.96547	40.71367
## 1402096	5	5.34	-73.95800	40.72184
## 1402710	1	4.39	-73.99143	40.68522
## 1402822	1	5.36	-73.96466	40.71254
## 1403499	1	1.59	-73.96049	40.68021
## 1404395	1	5.08	-73.95775	40.72210
## 1404732	1	4.82	-73.82184	40.82616
## 1404899	1	0.45	-73.96362	40.71036
## 1404923	1	0.76	-73.89169	40.82124
## 1405137	1	4.34	-73.95674	40.71283
## 1405231	1	0.87	-73.88537	40.75542
## 1405293	1	4.91	-73.99196	40.68954
## 1405315	1	0.61	-73.95499	40.71302
## 1405340	1	1.65	-73.91136	40.80464

## 1406119	1	1.72	-73.89095	40.74653
## 1406277	1	1.60	-73.92085	40.75656
## 1406296	1	7.80	-73.92241	40.82677
## 1406397	1	1.00	-73.88359	40.74746
## 1406947	5	2.08	-73.88441	40.74755
## 1406992	1	0.97	-73.86532	40.75775
## 1407157	1	1.90	-73.88058	40.74679
## 1407368	1	4.38	-73.95820	40.72164
## 1407456	1	2.69	-73.96148	40.71626
## 1407471	1	1.41	-73.92201	40.75507
## 1408047	1	2.13	-73.88297	40.74768
## 1408077	1	2.54	-73.92021	40.82270
## 1408105	1	8.10	-73.92103	40.76316
## 1408218	1	4.36	-73.93159	40.69751
## 1408265	5	4.23	-73.91277	40.76664
## 1408595	1	7.40	-73.93910	40.79746
## 1408652	1	1.50	-73.94923	40.80255
## 1408818	1	1.90	-73.90470	40.82869
## 1409017	1	0.11	-73.86548	40.85454
## 1409064	4	4.90	-73.95794	40.72164
## 1409601	1	3.17	-73.95650	40.69662
## 1409615	2	7.70	-73.95749	40.72224
## 1410495	2	4.10	-73.95779	40.72243
## 1410951	5	9.07	-73.91102	40.76871
## 1411500	1	2.85	-73.94308	40.78974
## 1411530	1	1.16	-73.95637	40.81308
## 1411694	1	11.80	-73.97852	40.68402
## 1411711	1	5.53	-73.95004	40.68246
## 1412883	1	0.78	-73.86359	40.73248
## 1412949	4	2.40	-73.98731	40.69160
## 1412986	1	0.84	-73.99864	40.68836
## 1413561	1	1.08	-73.88197	40.75600
## 1414164	1	0.49	-73.95367	40.80647
## 1414405	1	1.40	-73.93894	40.82711
## 1414412	1	2.38	-73.91271	40.76912
## 1414450	1	10.13	-73.86091	40.74859
## 1414463	1	1.09	-73.84427	40.72134
## 1414623	3	7.93	-73.99890	40.67614
## 1414963	1	2.70	-73.92420	40.86673
## 1415633	1	9.00	-73.93720	40.80197
## 1415887	1	1.09	-73.95449	40.78952
## 1416026	1	1.13	-73.95110	40.80500
## 1416057	1	1.33	-73.95714	40.74546
## 1416062	1	10.24	-73.84428	40.72141
## 1416067	1	1.16	-73.97930	40.66562
## 1416179	1	7.37	-73.88958	40.74730
## 1416366	1	0.64	-73.99278	40.69796
## 1416433	3	3.62	-73.90414	40.71014
## 1416734	1	1.20	-73.95190	40.80929
## 1416841	1	1.00	-73.96111	40.80185
## 1416970	1	1.20	-73.98122	40.67529
## 1416988	2	1.80	-73.87635	40.74845
## 1417064	1	1.80	-73.94741	40.67241
## 1417513	1	1.13	-73.96111	40.81203
## 1418154	1	2.15	-73.84294	40.72268
## 1418771	1	1.30	-73.98910	40.67518
## 1418801	1	1.00	-73.98600	40.66155
## 1419091	2	0.90	-73.98715	40.69221
## 1419187	2	9.46	-73.93685	40.83805
## 1420218	2	1.85	-73.95783	40.81512
## 1420443	1	3.77	-73.98311	40.67312
## 1420717	1	15.58	-73.95803	40.72185
## 1420943	1	2.20	-73.94496	40.82389
## 1420976	1	0.90	-73.93510	40.68339

## 1421376	1	4.42	-73.99448	40.69036
## 1421586	1	3.01	-73.94237	40.84105
## 1421687	1	1.79	-73.99281	40.68990
## 1421737	1	3.11	-73.87473	40.74331
## 1422095	1	7.29	-73.86385	40.73294
## 1422301	1	7.36	-73.84438	40.72140
## 1422832	1	4.21	-73.95428	40.73024
## 1423334	2	1.00	-73.94823	40.79849
## 1423547	1	2.70	-73.97749	40.68517
## 1423867	1	0.52	-73.93462	40.85221
## 1423969	1	1.24	-73.91904	40.74303
## 1424211	1	1.86	-73.96333	40.65085
## 1424227	5	3.67	-73.92847	40.76339
## 1424829	1	1.67	-73.97607	40.68395
## 1425132	1	4.46	-73.96194	40.66257
## 1425188	1	0.98	-73.95579	40.79968
## 1425483	1	2.76	-73.95069	40.67261
## 1425826	2	2.00	-73.91423	40.75356
## 1425961	1	6.80	-73.93893	40.80511
## 1426153	4	1.60	-73.86954	40.73480
## 1426351	1	1.18	-73.86190	40.73049
## 1426419	1	1.49	-73.84475	40.72214
## 1426519	1	1.27	-73.95454	40.80040
## 1426957	1	0.86	-73.90069	40.74588
## 1427490	1	0.74	-73.96660	40.80432
## 1427491	1	4.87	-73.96134	40.81188
## 1427582	1	5.12	-73.99043	40.69365
## 1428327	1	8.50	-73.97845	40.68792
## 1428618	1	1.20	-73.91516	40.76376
## 1429180	1	19.68	-73.88407	40.86486
## 1429490	1	6.38	-73.87183	40.67500
## 1429563	1	2.87	-73.83406	40.75782
## 1429565	1	2.66	-73.93894	40.80500
## 1429614	1	2.65	-73.91682	40.76164
## 1429848	1	0.54	-73.99336	40.68768
## 1429872	5	1.61	-73.96759	40.67649
## 1430008	1	1.20	-73.94821	40.68029
## 1430753	1	2.49	-73.95029	40.67616
## 1430856	1	1.00	-73.95414	40.80394
## 1431112	1	0.90	-73.94684	40.80085
## 1431129	1	1.00	-73.99220	40.68980
## 1431712	1	4.86	-73.84421	40.72141
## 1431738	2	2.00	-73.93864	40.80526
## 1431796	1	2.42	-73.89068	40.74694
## 1431809	1	0.71	-73.91695	40.76128
## 1432028	5	0.63	-73.94455	40.71455
## 1432240	2	0.88	-73.92506	40.76525
## 1432607	1	1.93	-73.93913	40.80505
## 1432636	1	1.69	-73.91889	40.75908
## 1433533	1	1.25	-73.95358	40.80153
## 1433993	1	0.70	-73.97920	40.69326
## 1434665	1	5.34	-73.95660	40.71886
## 1435187	1	2.87	-73.95646	40.71704
## 1435197	1	3.00	-73.99184	40.69057
## 1436330	2	2.88	-73.96260	40.67193
## 1436842	2	2.00	-73.95759	40.71793
## 1436893	1	2.80	-73.87109	40.73403
## 1437091	1	0.68	-73.94199	40.75434
## 1437115	1	4.73	-73.92372	40.76121
## 1437246	1	1.25	-73.94096	40.78802
## 1437325	1	2.34	-73.99294	40.69283
## 1437538	1	2.07	-73.98984	40.70268
## 1438486	2	6.08	-73.96161	40.71472
## 1438719	1	1.24	-73.92236	40.81723

##	1439598	1	0.61	-73.94187	40.81800	
##	1439876	1	7.75	-73.95743	40.71809	
##	1440064	1	3.22	-73.97887	40.69355	
##	1440279	1	3.03	-73.95255	40.81069	
##	1440573	2	9.78	-73.87883	40.74429	
##	1440664	1	0.58	-73.97781	40.68514	
##	1440800	1	2.90	-73.95791	40.72190	
##	1440884	1	2.67	-73.91810	40.74293	
##	1441110	1	2.11	-73.93908	40.80502	
##	1441586	6	2.21	-73.93652	40.82049	
##	1441643	1	4.47	-73.92276	40.75544	
##	1441870	1	5.06	-73.89079	40.74694	
##	1441887	1	2.79	-73.98657	40.66884	
##	1442423	1	1.21	-73.94997	40.72231	
##	1442996	1	1.18	-73.91989	40.75924	
##	1443089	1	2.66	-73.99174	40.68489	
##	1443925	1	2.19	-73.88358	40.74754	
##	1444285	1	5.78	-73.91908	40.75886	
##	1445227	1	0.80	-73.88589	40.74752	
##	Dropoff_longitude	Dropoff_latitude	Fare_amount	Extra	MTA_tax	
##	166	-73.92349	40.77041	12.000000	0.500000	1.000000
##	407	-73.94111	40.71118	18.000000	0.500000	1.000000
##	715	-73.93389	40.75476	8.000000	0.500000	1.000000
##	851	-73.95736	40.67228	15.500000	0.500000	1.000000
##	1072	-73.94804	40.67680	15.000000	0.500000	1.000000
##	1322	-73.98030	40.72205	15.500000	0.500000	1.000000
##	1667	-73.95914	40.71850	15.000000	0.500000	1.000000
##	1744	-73.95630	40.67597	5.000000	0.500000	1.000000
##	1969	-73.94524	40.82835	7.500000	0.500000	1.000000
##	2370	-73.95971	40.71795	16.000000	0.500000	1.000000
##	2756	-73.96074	40.69701	13.500000	0.500000	1.000000
##	3130	-73.90723	40.75352	5.500000	0.500000	1.000000
##	3902	-73.94081	40.82940	7.500000	0.500000	1.000000
##	4738	-73.92769	40.80658	12.000000	0.500000	1.000000
##	5162	-73.93358	40.71061	7.500000	0.500000	1.000000
##	5241	-73.95777	40.67110	12.000000	0.500000	1.000000
##	5242	-73.91882	40.76574	4.500000	0.500000	1.000000
##	5426	-73.92152	40.76270	5.500000	0.500000	1.000000
##	5472	-73.95131	40.80855	8.000000	0.500000	1.000000
##	5534	-73.94133	40.71327	4.500000	0.500000	1.000000
##	6010	-73.95609	40.72133	14.500000	0.500000	1.000000
##	6034	-73.93648	40.71148	11.500000	0.500000	1.000000
##	6454	-73.93929	40.84273	4.500000	0.500000	1.000000
##	7786	-73.99272	40.69349	10.500000	0.500000	1.000000
##	7806	-73.94091	40.82428	2.500000	0.500000	1.000000
##	7859	-73.93743	40.84181	13.500000	0.500000	1.000000
##	8025	-73.88148	40.75211	6.000000	0.500000	1.000000
##	8884	-73.88336	40.84539	11.500000	0.500000	1.000000
##	9072	-73.93363	40.71075	14.000000	0.500000	1.000000
##	9195	-73.94711	40.72607	6.500000	0.500000	1.000000
##	9412	-73.88438	40.74977	8.000000	0.500000	1.000000
##	9539	-73.93079	40.85326	8.000000	0.500000	1.000000
##	9823	-73.99211	40.76643	18.000000	0.500000	1.000000
##	9920	-73.80774	40.70047	24.500000	0.500000	1.000000
##	10311	-73.97653	40.69438	6.500000	0.500000	1.000000
##	10456	-73.88403	40.73943	8.500000	0.500000	1.000000
##	10628	-73.86544	40.72190	6.000000	0.500000	1.000000
##	10787	-73.91660	40.76328	9.000000	0.500000	1.000000
##	10981	-73.88419	40.74757	22.500000	0.500000	1.000000
##	11182	-73.92170	40.76641	34.500000	0.500000	1.000000
##	11472	-73.94791	40.67328	12.500000	0.500000	1.000000
##	11925	-73.98064	40.67652	6.500000	0.500000	1.000000
##	12145	-73.69887	40.69126	41.000000	0.500000	1.000000
##	12256	-73.97453	40.79513	30.500000	0.500000	1.000000

## 12479	-73.95329	40.68597	11.500000	0.500000	1.000000
## 13068	-73.92276	40.76658	8.000000	0.500000	1.000000
## 13718	-73.95506	40.69473	9.000000	0.500000	1.000000
## 14188	-73.89607	40.82389	24.500000	0.500000	1.000000
## 14552	-73.95293	40.72709	18.000000	0.500000	1.000000
## 14720	-73.92946	40.70818	12.500000	0.500000	1.000000
## 14825	-73.93673	40.71145	7.500000	0.500000	1.000000
## 15326	-73.87234	40.74639	13.000000	0.500000	1.000000
## 16574	-73.94887	40.79678	11.500000	0.500000	1.000000
## 16779	-73.98003	40.67720	10.000000	0.500000	1.000000
## 16791	-73.94220	40.75440	11.000000	0.500000	1.000000
## 18691	-73.93690	40.75971	13.000000	0.500000	1.000000
## 19187	-73.87813	40.74863	0.000000	0.000000	0.000000
## 19316	-73.98323	40.77655	18.000000	0.500000	1.000000
## 19813	-73.94420	40.66680	6.000000	0.500000	1.000000
## 19994	-73.80455	40.73930	23.500000	0.500000	1.000000
## 20307	-73.88282	40.82843	2.500000	0.500000	1.000000
## 21005	-73.91722	40.77229	7.500000	0.500000	1.000000
## 21047	-73.94836	40.70772	15.500000	0.500000	1.000000
## 21340	-73.98827	40.70157	14.000000	0.500000	1.000000
## 21377	-73.98315	40.73057	17.000000	0.500000	1.000000
## 21405	-73.99174	40.69999	12.000000	0.500000	1.000000
## 21686	-73.87826	40.82835	11.000000	0.500000	1.000000
## 21738	-73.92132	40.83118	22.000000	0.500000	1.000000
## 22033	-73.95428	40.69101	10.000000	0.500000	1.000000
## 22863	-73.94878	40.65415	15.500000	0.500000	1.000000
## 22954	-73.83342	40.74535	6.000000	0.500000	1.000000
## 23154	-73.85614	40.74556	9.500000	0.500000	1.000000
## 23252	-73.93062	40.70614	8.500000	0.500000	1.000000
## 23388	-73.87711	40.82413	12.500000	0.500000	1.000000
## 23460	-73.93145	40.85255	6.500000	0.500000	1.000000
## 23594	-73.84056	40.69793	8.000000	0.500000	1.000000
## 24736	-73.95364	40.79876	4.000000	0.500000	1.000000
## 24949	-73.95506	40.68917	7.500000	0.500000	1.000000
## 25269	-73.92356	40.80803	6.000000	0.500000	1.000000
## 25364	-73.88934	40.74718	4.000000	0.500000	1.000000
## 25448	-73.99129	40.66345	5.500000	0.500000	1.000000
## 25740	-73.86706	40.75557	8.000000	0.500000	1.000000
## 25745	-73.83678	40.69184	9.000000	0.500000	1.000000
## 25868	-73.94064	40.71175	8.000000	0.500000	1.000000
## 26027	-73.97968	40.67200	10.000000	0.500000	1.000000
## 26428	-73.93156	40.68692	12.500000	0.500000	1.000000
## 26767	-73.93593	40.80343	4.500000	0.500000	1.000000
## 26958	-73.99256	40.72862	14.000000	0.500000	1.000000
## 28004	-73.93320	40.67607	9.500000	0.500000	1.000000
## 28406	-73.95715	40.67304	13.500000	0.500000	1.000000
## 28767	-73.93974	40.82447	48.500000	0.500000	1.000000
## 29017	-73.95190	40.71254	6.500000	0.500000	1.000000
## 29026	-73.90997	40.76954	8.000000	0.500000	1.000000
## 29374	-73.92931	40.70049	12.500000	0.500000	1.000000
## 30054	-73.88533	40.74961	5.500000	0.500000	1.000000
## 30063	-73.94247	40.71318	6.500000	0.500000	1.000000
## 30279	-73.98000	40.73584	20.000000	0.500000	1.000000
## 30569	-73.80729	40.72871	10.500000	0.500000	1.000000
## 31340	-73.95296	40.81269	5.000000	0.500000	1.000000
## 31531	-74.00476	40.65085	24.500000	0.500000	1.000000
## 32012	-73.89152	40.73898	6.000000	0.500000	1.000000
## 32109	-73.94995	40.64525	18.000000	0.500000	1.000000
## 32177	-73.98355	40.75677	15.000000	0.500000	1.000000
## 32182	-73.94331	40.69300	9.500000	0.500000	1.000000
## 32702	-73.90586	40.70357	18.500000	0.500000	1.000000
## 33435	-73.92243	40.76738	11.000000	0.000000	1.000000
## 33453	-73.93666	40.84913	15.000000	0.000000	1.000000
## 33478	-73.94627	40.78088	19.000000	0.000000	1.000000

## 33541	-73.93678	40.68404	12.000000	0.0000000	1.0000000
## 33766	-73.78804	40.76105	12.000000	0.0000000	1.0000000
## 33971	-73.87586	40.74537	14.500000	0.0000000	1.0000000
## 34883	-73.92283	40.86820	12.500000	0.0000000	1.0000000
## 35028	-73.97236	40.75638	13.000000	0.0000000	1.0000000
## 35149	-73.82715	40.88525	26.000000	0.0000000	1.0000000
## 36213	-73.99445	40.75037	14.000000	0.0000000	1.0000000
## 37605	-73.89430	40.74031	5.000000	0.0000000	1.0000000
## 37903	-73.80810	40.70047	7.000000	0.0000000	1.0000000
## 37974	-73.96151	40.76420	12.500000	0.0000000	1.0000000
## 38002	-73.90979	40.69005	12.000000	0.0000000	1.0000000
## 38571	-73.94899	40.71212	6.500000	0.0000000	1.0000000
## 38590	-73.86514	40.77059	14.000000	0.0000000	1.0000000
## 38741	-73.96672	40.79074	9.500000	0.0000000	1.0000000
## 38836	-73.97704	40.79267	6.000000	0.0000000	1.0000000
## 39195	-73.91993	40.76619	4.500000	0.0000000	1.0000000
## 39997	-73.97673	40.68188	6.000000	0.0000000	1.0000000
## 40965	-73.96577	40.80032	9.000000	0.0000000	1.0000000
## 41083	-73.99234	40.68981	6.000000	0.0000000	1.0000000
## 41138	-73.93545	40.67901	9.500000	0.0000000	1.0000000
## 41374	-73.91442	40.85290	16.000000	0.0000000	1.0000000
## 42185	-73.96581	40.80523	6.500000	0.0000000	1.0000000
## 43143	-73.93572	40.76749	5.500000	0.0000000	1.0000000
## 43625	-73.98573	40.75757	13.500000	0.5000000	1.0000000
## 43820	-73.93797	40.84758	11.500000	0.0000000	1.0000000
## 43897	-73.85349	40.73847	6.000000	0.0000000	1.0000000
## 44249	-73.98183	40.77455	11.000000	0.0000000	1.0000000
## 44258	-73.97545	40.69336	9.000000	0.0000000	1.0000000
## 44348	-73.94316	40.64353	19.000000	0.0000000	1.0000000
## 44371	-73.94647	40.71677	16.000000	0.0000000	1.0000000
## 44656	-73.93497	40.69680	3.000000	0.0000000	1.0000000
## 44765	-73.86488	40.77043	23.500000	0.0000000	1.0000000
## 45115	-73.89275	40.66367	15.500000	0.0000000	1.0000000
## 45215	-73.98934	40.75730	23.500000	0.0000000	1.0000000
## 45338	-73.98457	40.73221	19.000000	0.0000000	1.0000000
## 45357	-73.88634	40.75078	6.500000	0.0000000	1.0000000
## 45910	-73.91530	40.82587	9.000000	0.0000000	1.0000000
## 46241	-73.98051	40.69873	5.500000	0.0000000	1.0000000
## 46475	-73.87736	40.74126	5.500000	0.0000000	1.0000000
## 47034	-73.85500	40.74320	10.000000	0.0000000	1.0000000
## 47329	-73.98286	40.66242	5.500000	0.0000000	1.0000000
## 48334	-73.89252	40.74108	6.100812	0.0000000	0.9588539
## 48830	-73.95536	40.80544	6.000000	0.0000000	1.0000000
## 48868	-73.83579	40.83885	13.500000	0.0000000	1.0000000
## 49475	-73.94669	40.62437	23.500000	0.0000000	1.0000000
## 49534	-73.86156	40.73013	6.500000	1.0000000	1.0000000
## 49659	-73.98328	40.76281	25.500000	1.0000000	1.0000000
## 49933	-73.83369	40.67278	20.500000	0.0000000	1.0000000
## 49975	-73.93938	40.70091	11.000000	0.5000000	1.0000000
## 50444	-73.97498	40.68970	7.500000	0.0000000	1.0000000
## 50686	-74.03510	40.63704	19.000000	0.0000000	1.0000000
## 50961	-73.81158	40.73602	17.000000	0.0000000	1.0000000
## 51540	-73.87414	40.76440	12.500000	0.0000000	1.0000000
## 51635	-73.95692	40.77046	16.500000	0.0000000	1.0000000
## 51835	-73.92084	40.86705	15.000000	0.0000000	0.0000000
## 51880	-73.86694	40.75015	14.500000	0.0000000	1.0000000
## 52213	-73.99392	40.70266	13.000000	0.0000000	1.0000000
## 52374	-73.86958	40.68436	20.000000	0.0000000	1.0000000
## 52659	-73.97459	40.78772	11.500000	0.0000000	1.0000000
## 53018	-73.95185	40.63351	20.500000	0.0000000	1.0000000
## 53066	-73.95679	40.67517	13.500000	0.0000000	1.0000000
## 53272	-73.89148	40.73001	10.000000	0.0000000	1.0000000
## 54114	-73.97828	40.66531	9.500000	0.0000000	1.0000000
## 54321	-73.97971	40.71366	30.500000	0.0000000	1.0000000

## 55023	-73.95580	40.77972	9.000000	0.500000	1.000000
## 55149	-73.88936	40.73581	8.500000	0.500000	1.000000
## 56078	-73.94123	40.80497	5.000000	0.500000	1.000000
## 56330	-73.98115	40.64614	11.000000	0.500000	1.000000
## 56465	-73.91821	40.67871	50.000000	0.000000	0.000000
## 57069	-73.91476	40.69464	20.000000	0.500000	1.000000
## 57562	-73.88806	40.81316	9.000000	0.500000	1.000000
## 57677	-73.91283	40.68652	5.000000	0.500000	1.000000
## 57714	-73.95973	40.71400	6.000000	0.500000	1.000000
## 57850	-73.95813	40.72174	4.500000	0.500000	1.000000
## 58309	-73.77840	40.69653	27.000000	0.500000	1.000000
## 58373	-73.98746	40.74289	23.500000	0.500000	1.000000
## 58923	-73.99991	40.65518	11.500000	0.500000	1.000000
## 59700	-73.98441	40.76327	13.500000	0.500000	1.000000
## 59891	-73.88412	40.74762	7.500000	0.500000	1.000000
## 61595	-73.87815	40.70335	10.500000	0.500000	1.000000
## 61739	-73.95281	40.69497	6.000000	0.500000	1.000000
## 61791	-73.93662	40.81229	7.000000	0.000000	0.000000
## 61858	-73.97733	40.72609	10.000000	0.500000	1.000000
## 62037	-73.90749	40.76041	8.000000	0.500000	1.000000
## 62645	-73.92649	40.74585	10.000000	0.500000	1.000000
## 62814	-73.86652	40.75764	12.000000	0.500000	1.000000
## 63243	-73.98510	40.75173	17.500000	0.500000	1.000000
## 63453	-73.94439	40.81425	37.000000	0.500000	1.000000
## 64042	-73.82958	40.77178	16.000000	0.500000	1.000000
## 64208	-74.01219	40.67789	8.000000	0.500000	1.000000
## 64336	-73.94153	40.80944	9.000000	0.500000	1.000000
## 64656	-74.06904	40.61652	24.500000	0.500000	1.000000
## 64850	-73.94814	40.79130	6.500000	0.500000	1.000000
## 64987	-73.88248	40.74767	12.000000	0.500000	1.000000
## 65349	-73.96233	40.65744	12.000000	0.500000	1.000000
## 65766	-73.92166	40.68654	14.000000	0.500000	1.000000
## 66138	-73.94965	40.71530	4.500000	0.500000	1.000000
## 67658	-73.98447	40.76730	23.000000	0.500000	1.000000
## 68040	-73.94773	40.69030	8.000000	0.500000	1.000000
## 68081	-73.94460	40.63024	9.500000	0.500000	1.000000
## 68234	-73.94180	40.71416	4.000000	0.500000	1.000000
## 68480	-73.94088	40.72593	5.500000	0.500000	1.000000
## 68962	-73.87347	40.73817	6.500000	0.500000	1.000000
## 69193	-73.92847	40.85699	6.000000	0.500000	1.000000
## 69299	-73.98474	40.72006	8.500000	0.500000	1.000000
## 69544	-73.79704	40.67322	9.000000	0.500000	1.000000
## 69785	-73.91964	40.75612	8.000000	0.500000	1.000000
## 69966	-73.95107	40.79927	10.500000	0.500000	1.000000
## 70003	-73.77634	40.64588	31.500000	0.500000	1.000000
## 70518	-73.94701	40.72690	5.000000	0.500000	1.000000
## 70813	-73.85571	40.74485	9.500000	0.500000	1.000000
## 71289	-73.94776	40.78872	25.000000	0.500000	1.000000
## 71290	-73.99374	40.75523	23.500000	0.500000	1.000000
## 71576	-73.94451	40.80729	4.500000	0.500000	1.000000
## 71645	-73.90330	40.74571	8.000000	0.500000	1.000000
## 71822	-73.87068	40.77392	25.000000	0.000000	0.000000
## 72461	-73.98353	40.76231	16.500000	0.000000	1.000000
## 73346	-73.92385	40.82706	8.500000	0.000000	1.000000
## 73812	-73.97592	40.68393	6.500000	0.000000	1.000000
## 73935	-73.99152	40.69811	5.500000	0.000000	1.000000
## 74193	-73.95227	40.80857	5.153948	0.000000	0.9508271
## 74753	-73.93379	40.70561	14.000000	0.000000	1.000000
## 75016	-73.84914	40.72794	12.000000	0.000000	1.000000
## 75161	-73.98829	40.68987	4.000000	0.000000	1.000000
## 75215	-74.00810	40.74514	15.000000	0.000000	1.000000
## 75363	-73.97012	40.79156	10.500000	0.000000	1.000000
## 75433	-73.97108	40.75531	17.000000	0.000000	1.000000
## 75476	-73.87172	40.73414	13.500000	0.000000	1.000000

## 75577	-73.95502	40.77081	12.000000	0.0000000	1.0000000
## 75715	-73.97933	40.77778	10.000000	0.0000000	1.0000000
## 75740	-73.97941	40.66946	32.000000	0.0000000	1.0000000
## 75901	-73.91890	40.75906	4.500000	0.0000000	1.0000000
## 76051	-74.01964	40.62993	41.000000	0.0000000	1.0000000
## 76066	-73.87412	40.72190	12.500000	0.0000000	1.0000000
## 76130	-73.93787	40.81832	5.500000	0.0000000	1.0000000
## 76343	-73.89989	40.75778	5.500000	0.0000000	1.0000000
## 76346	-73.95557	40.77247	32.000000	0.0000000	1.0000000
## 76733	-73.94042	40.79820	3.500000	0.0000000	1.0000000
## 76950	-73.85095	40.72801	6.000000	0.0000000	1.0000000
## 77239	-73.95922	40.67735	11.500000	0.0000000	1.0000000
## 77416	-73.96741	40.69338	5.500000	0.0000000	1.0000000
## 77536	-73.92245	40.76736	7.500000	0.0000000	1.0000000
## 77618	-73.91719	40.88319	8.500000	0.0000000	1.0000000
## 78133	-73.93786	40.79670	3.500000	0.0000000	1.0000000
## 78231	-73.99906	40.67513	9.000000	0.0000000	1.0000000
## 78406	-73.94221	40.60229	6.500000	0.0000000	1.0000000
## 78563	-73.91317	40.74602	8.500000	0.0000000	1.0000000
## 78605	-73.95388	40.69721	12.000000	0.0000000	1.0000000
## 78791	-73.83256	40.71506	5.000000	0.0000000	1.0000000
## 79596	-73.94514	40.80343	8.500000	0.0000000	1.0000000
## 80325	-73.93539	40.84671	12.500000	0.0000000	1.0000000
## 80586	-73.92217	40.74374	9.500000	0.0000000	1.0000000
## 80796	-73.96713	40.80384	8.500000	0.0000000	1.0000000
## 81073	-73.91986	40.74311	9.500000	0.0000000	1.0000000
## 81413	-73.95819	40.64864	35.000000	0.0000000	1.0000000
## 81477	-73.97252	40.74634	25.500000	0.0000000	1.0000000
## 81606	-73.86875	40.74226	5.000000	0.0000000	1.0000000
## 81877	-73.98183	40.77205	16.000000	0.0000000	1.0000000
## 82072	-73.93076	40.82217	5.500000	0.0000000	1.0000000
## 82399	-73.93920	40.80779	5.500000	0.0000000	1.0000000
## 82456	-73.99299	40.68846	11.000000	0.0000000	1.0000000
## 82521	-73.93577	40.82225	5.000000	0.0000000	1.0000000
## 82582	-73.96259	40.67146	7.500000	0.0000000	1.0000000
## 82719	-73.93891	40.80242	4.000000	0.0000000	1.0000000
## 83091	-73.92075	40.65847	38.000000	0.0000000	1.0000000
## 83190	-73.96119	40.71295	14.500000	0.0000000	1.0000000
## 83419	-74.00852	40.65560	15.500000	0.0000000	1.0000000
## 83947	-74.00775	40.74069	26.500000	0.0000000	1.0000000
## 83990	-73.96047	40.71265	9.500000	0.0000000	1.0000000
## 83996	-73.99039	40.76173	18.000000	0.0000000	1.0000000
## 84038	-73.88155	40.82837	13.000000	0.0000000	1.0000000
## 84183	-73.97279	40.68588	4.500000	0.0000000	1.0000000
## 84495	-73.93832	40.71389	8.000000	0.0000000	1.0000000
## 84634	-73.97570	40.67455	8.000000	0.0000000	1.0000000
## 85792	-73.99264	40.75875	17.500000	0.0000000	1.0000000
## 86106	-74.00600	40.73572	23.000000	0.0000000	1.0000000
## 86504	-73.98870	40.66444	13.500000	0.0000000	1.0000000
## 86555	-73.90123	40.75940	13.500000	0.0000000	1.0000000
## 86784	-73.93296	40.68829	5.000000	0.0000000	1.0000000
## 87011	-73.96065	40.71103	4.500000	0.0000000	1.0000000
## 87022	-73.94861	40.69218	10.500000	0.0000000	1.0000000
## 87303	-73.86266	40.75296	11.500000	0.0000000	1.0000000
## 87374	-73.91502	40.84730	21.500000	0.0000000	1.0000000
## 87451	-73.99228	40.68998	9.500000	0.0000000	1.0000000
## 88024	-73.94685	40.83490	10.000000	0.0000000	1.0000000
## 88593	-73.98418	40.68673	25.500000	0.0000000	1.0000000
## 88721	-73.95199	40.64299	14.000000	0.0000000	1.0000000
## 88754	-73.83005	40.75926	27.500000	0.0000000	1.0000000
## 89166	-73.93665	40.70087	13.000000	0.0000000	1.0000000
## 89287	-73.86978	40.72434	6.500000	0.0000000	1.0000000
## 89320	-73.89417	40.74785	22.000000	0.0000000	1.0000000
## 89619	-73.97016	40.79671	12.000000	0.0000000	1.0000000

## 89632	-73.96011	40.77023	8.000000	0.0000000	1.0000000
## 89656	-73.97792	40.78371	8.500000	0.0000000	1.0000000
## 89676	-73.94087	40.79836	7.500000	0.0000000	1.0000000
## 89894	-73.91628	40.68839	14.000000	0.0000000	1.0000000
## 90284	-73.97079	40.67625	7.000000	0.0000000	1.0000000
## 90295	-73.97065	40.69677	7.000000	0.0000000	1.0000000
## 90346	-74.00964	40.64838	10.500000	0.0000000	1.0000000
## 91248	-73.84612	40.73551	7.500000	0.0000000	1.0000000
## 91520	-73.97961	40.69614	8.000000	0.0000000	1.0000000
## 91734	-73.98979	40.72641	13.000000	0.0000000	1.0000000
## 91834	-73.95470	40.66740	13.000000	0.0000000	1.0000000
## 92294	-73.92432	40.70731	12.500000	0.0000000	1.0000000
## 92376	-73.95946	40.72054	6.207003	0.0000000	0.9633049
## 92503	-73.95685	40.77092	9.500000	0.0000000	1.0000000
## 93033	-73.97700	40.68329	9.000000	0.0000000	1.0000000
## 93160	-73.97300	40.68965	8.000000	0.0000000	1.0000000
## 93172	-73.95293	40.78313	5.500000	0.0000000	1.0000000
## 94216	-73.92555	40.76533	10.500000	0.0000000	1.0000000
## 94436	-73.95421	40.78133	9.000000	0.0000000	1.0000000
## 94596	-73.99076	40.68206	16.000000	0.0000000	1.0000000
## 94760	-73.92692	40.76952	39.500000	0.0000000	1.0000000
## 94802	-73.78302	40.64885	89.071188	0.0000000	0.0000000
## 94831	-73.82916	40.84436	23.500000	1.0000000	1.0000000
## 94918	-73.94782	40.62916	31.000000	0.0000000	1.0000000
## 95447	-73.93282	40.70312	6.500000	0.0000000	1.0000000
## 95461	-73.91842	40.75966	33.000000	0.0000000	1.0000000
## 95653	-73.94923	40.80283	6.000000	0.0000000	1.0000000
## 95717	-73.93654	40.75981	5.500000	0.0000000	1.0000000
## 95761	-73.93255	40.79575	3.500000	0.0000000	1.0000000
## 96123	-73.93250	40.77288	8.500000	0.0000000	1.0000000
## 96164	-73.95161	40.66632	10.000000	0.0000000	0.0000000
## 96198	-73.93819	40.85392	7.000000	0.0000000	1.0000000
## 96235	-73.89453	40.74641	9.000000	0.0000000	1.0000000
## 96455	-73.75546	40.69532	35.000000	0.0000000	0.0000000
## 97030	-73.90134	40.85136	15.500000	0.0000000	1.0000000
## 97166	-73.94926	40.80937	4.000000	0.0000000	1.0000000
## 97418	-73.91528	40.76083	4.000000	0.0000000	1.0000000
## 97440	-73.95753	40.71814	6.500000	0.0000000	1.0000000
## 97752	-73.89811	40.70851	20.000000	0.0000000	1.0000000
## 97892	-73.98127	40.69209	24.000000	0.0000000	1.0000000
## 98428	-73.99741	40.71310	18.500000	1.0000000	1.0000000
## 98719	-73.89846	40.66703	6.500000	0.5000000	1.0000000
## 99211	-73.94858	40.77390	9.000000	0.5000000	1.0000000
## 99255	-73.87448	40.73662	9.000000	0.5000000	1.0000000
## 99899	-74.01413	40.67639	6.000000	0.5000000	1.0000000
## 100123	-73.91858	40.76637	12.000000	0.5000000	1.0000000
## 100374	-73.98521	40.67830	5.000000	0.5000000	1.0000000
## 100584	-73.84912	40.72358	8.000000	0.5000000	1.0000000
## 100727	-73.94681	40.79728	6.000000	0.5000000	1.0000000
## 100734	-73.94789	40.70763	17.500000	0.5000000	1.0000000
## 100867	-73.95566	40.67918	10.500000	0.5000000	1.0000000
## 101092	-73.98601	40.75532	17.500000	0.5000000	1.0000000
## 101459	-73.94400	40.69734	6.000000	0.5000000	1.0000000
## 101538	-73.98208	40.69836	6.000000	0.5000000	1.0000000
## 102438	-73.99454	40.68002	29.500000	0.5000000	1.0000000
## 102516	-73.94363	40.79618	7.000000	0.5000000	1.0000000
## 102854	-73.91428	40.75534	6.000000	0.5000000	1.0000000
## 102958	-73.99299	40.75194	23.500000	0.5000000	1.0000000
## 103434	-73.92097	40.69115	15.500000	0.5000000	1.0000000
## 103462	-73.96425	40.69440	9.500000	0.5000000	1.0000000
## 103956	-73.98164	40.67526	8.500000	0.5000000	1.0000000
## 104404	-73.95394	40.58724	8.000000	0.5000000	1.0000000
## 105158	-73.87802	40.82768	13.000000	0.5000000	1.0000000
## 105168	-73.80117	40.68504	15.000000	0.5000000	1.0000000

## 105262	-73.95073	40.72368	7.000000	0.500000	1.000000
## 105294	-73.93625	40.85048	5.000000	0.500000	1.000000
## 105882	-73.95917	40.71845	14.500000	0.500000	1.000000
## 105883	-73.98340	40.73013	14.500000	0.500000	1.000000
## 105885	-73.94810	40.83403	4.500000	0.500000	1.000000
## 106084	-73.95908	40.71849	15.000000	0.500000	1.000000
## 106103	-73.98175	40.74005	30.000000	0.500000	1.000000
## 106367	-73.97914	40.73461	16.000000	0.500000	1.000000
## 107587	-73.99196	40.67358	6.000000	0.500000	1.000000
## 107601	-73.86910	40.73841	6.500000	0.500000	1.000000
## 108809	-73.80770	40.73036	10.000000	0.500000	1.000000
## 109484	-73.95218	40.77737	7.000000	0.500000	1.000000
## 109614	-73.93023	40.69807	13.000000	0.500000	1.000000
## 109652	-73.97640	40.75148	24.500000	0.500000	1.000000
## 109825	-73.94024	40.82047	4.000000	0.500000	1.000000
## 110015	-73.85857	40.74405	4.500000	0.500000	1.000000
## 110386	-73.87505	40.75611	7.000000	0.500000	1.000000
## 110478	-73.88579	40.74767	8.500000	0.500000	1.000000
## 110743	-73.90748	40.77045	5.500000	0.500000	1.000000
## 110827	-73.92478	40.76845	5.000000	0.500000	1.000000
## 111067	-73.98155	40.67982	6.500000	0.500000	1.000000
## 111545	-73.93633	40.69087	15.000000	0.000000	0.000000
## 111617	-73.90780	40.71294	7.500000	0.500000	1.000000
## 111944	-73.95892	40.72036	10.000000	0.500000	1.000000
## 112660	-73.93769	40.79282	5.000000	0.500000	1.000000
## 112870	-73.95219	40.79874	5.000000	0.500000	1.000000
## 113329	-73.92255	40.76002	10.500000	0.500000	1.000000
## 113461	-73.92980	40.70595	12.500000	0.500000	1.000000
## 113545	-73.92266	40.66684	22.500000	0.500000	1.000000
## 113575	-73.97916	40.78709	9.000000	0.500000	1.000000
## 113990	-73.88972	40.73965	5.000000	0.500000	1.000000
## 114697	-73.89423	40.73963	5.500000	0.500000	1.000000
## 114748	-73.92500	40.74369	9.000000	0.500000	1.000000
## 115032	-73.88177	40.71853	10.000000	0.500000	1.000000
## 115045	-73.93407	40.66537	10.000000	0.500000	1.000000
## 115048	-73.95437	40.80562	10.000000	0.500000	1.000000
## 115393	-73.95641	40.72165	5.500000	0.500000	1.000000
## 116583	-73.87512	40.75074	7.000000	0.500000	1.000000
## 116695	-73.88720	40.74038	6.500000	0.500000	1.000000
## 116908	-73.96105	40.71679	5.000000	0.500000	1.000000
## 118108	-73.89713	40.74906	5.500000	0.500000	1.000000
## 118182	-73.95425	40.81153	6.500000	0.500000	1.000000
## 118263	-73.98673	40.76950	27.500000	0.500000	1.000000
## 118389	-73.85068	40.73813	17.500000	0.500000	1.000000
## 118755	-73.98870	40.76883	27.000000	0.500000	1.000000
## 119105	-73.94671	40.80037	6.500000	0.500000	1.000000
## 119976	-73.88784	40.75863	8.500000	0.500000	1.000000
## 120179	-73.91439	40.69016	13.000000	0.500000	1.000000
## 120404	-73.97261	40.65132	10.500000	0.500000	1.000000
## 120502	-73.87129	40.84232	55.000000	0.000000	0.000000
## 120946	-73.98524	40.72374	10.500000	0.500000	1.000000
## 121213	-73.91705	40.70052	13.000000	0.500000	1.000000
## 121301	-73.75584	40.59788	29.500000	0.500000	1.000000
## 121397	-73.94933	40.80762	34.000000	0.500000	1.000000
## 121579	-73.93904	40.70398	11.000000	0.500000	1.000000
## 121658	-73.88494	40.74181	4.500000	0.500000	1.000000
## 121703	-73.98593	40.76556	29.000000	0.500000	1.000000
## 122639	-73.94753	40.78359	33.500000	0.500000	1.000000
## 122758	-73.90109	40.70263	2.500000	0.500000	1.000000
## 123012	-74.00818	40.60512	10.500000	0.500000	1.000000
## 123070	-73.91941	40.77272	11.000000	0.500000	1.000000
## 123158	-73.89919	40.73104	0.000000	0.000000	0.000000
## 123218	-73.96853	40.64780	12.000000	0.000000	1.000000
## 123340	-73.94452	40.80920	17.000000	0.500000	1.000000

## 123876	-73.95104	40.64081	2.500000	0.5000000	1.0000000
## 123929	-73.94164	40.68577	9.500000	0.5000000	1.0000000
## 123983	-73.91834	40.76991	11.500000	0.5000000	1.0000000
## 124017	-73.95502	40.76503	9.500000	0.5000000	1.0000000
## 124056	-73.87575	40.74555	15.500000	0.5000000	1.0000000
## 124215	0.00000	0.00000	5.000000	0.5000000	1.0000000
## 124218	-73.93660	40.82730	8.000000	0.0000000	0.0000000
## 124715	-73.89015	40.73704	13.500000	0.0000000	1.0000000
## 124736	-73.97891	40.76014	22.000000	0.0000000	1.0000000
## 124790	-73.87846	40.88672	12.000000	0.0000000	0.0000000
## 125181	-73.98672	40.74454	16.000000	0.0000000	1.0000000
## 125628	-74.00990	40.67991	6.500000	0.0000000	1.0000000
## 125853	-73.99312	40.76785	31.000000	0.0000000	1.0000000
## 125883	-73.93160	40.68068	38.500000	0.0000000	1.0000000
## 126171	-73.98641	40.68991	4.500000	0.0000000	1.0000000
## 126241	-73.91613	40.65630	9.000000	0.0000000	1.0000000
## 126476	-73.93723	40.80780	7.000000	0.0000000	1.0000000
## 126629	-73.93100	40.85063	3.000000	0.0000000	1.0000000
## 126740	-73.93217	40.79558	5.500000	0.0000000	1.0000000
## 126894	-74.01460	40.71421	25.000000	0.0000000	1.0000000
## 126995	-73.99008	40.74874	29.000000	0.0000000	1.0000000
## 127112	-73.90614	40.74554	5.500000	0.0000000	1.0000000
## 127482	-73.77173	40.71026	9.500000	0.0000000	1.0000000
## 127797	-73.82175	40.75741	20.500000	0.0000000	1.0000000
## 128259	-73.80253	40.75702	21.500000	0.0000000	1.0000000
## 129110	-73.92081	40.74678	12.000000	0.0000000	1.0000000
## 129728	-73.95142	40.82535	5.500000	0.0000000	1.0000000
## 130058	-73.98170	40.68251	4.500000	0.0000000	1.0000000
## 130441	-73.96681	40.76112	21.000000	0.0000000	1.0000000
## 131243	-74.00343	40.75634	21.000000	0.0000000	1.0000000
## 131356	-73.96806	40.80075	5.500000	0.0000000	1.0000000
## 131695	-73.94757	40.75627	14.000000	0.0000000	1.0000000
## 131820	-73.91956	40.82370	5.500000	0.0000000	1.0000000
## 132459	-73.96266	40.77246	9.500000	0.0000000	1.0000000
## 132860	-73.94268	40.69088	8.000000	0.0000000	1.0000000
## 133447	-73.95512	40.77932	7.500000	0.0000000	1.0000000
## 133971	-73.96562	40.68125	7.500000	0.0000000	1.0000000
## 134151	-73.98555	40.69100	5.500000	0.0000000	1.0000000
## 134657	-73.98046	40.76466	18.000000	0.0000000	1.0000000
## 134990	-73.99494	40.69502	25.500000	0.0000000	1.0000000
## 135578	-73.90258	40.74544	6.500000	0.0000000	1.0000000
## 135651	-73.92507	40.74455	13.000000	0.0000000	1.0000000
## 135661	-73.95503	40.81778	8.500000	0.0000000	1.0000000
## 136170	-73.95374	40.69171	7.000000	0.0000000	1.0000000
## 136331	-73.97533	40.68106	5.500000	0.0000000	1.0000000
## 136344	-73.94318	40.70662	5.500000	0.0000000	1.0000000
## 136412	-73.91165	40.76814	11.000000	0.0000000	1.0000000
## 136647	-73.94371	40.79880	10.000000	0.0000000	1.0000000
## 137027	-73.94866	40.79822	5.000000	0.0000000	1.0000000
## 137132	-73.77632	40.64585	2.500000	0.0000000	1.0000000
## 137387	-73.99253	40.68982	14.000000	0.0000000	1.0000000
## 137651	-73.90895	40.77494	5.500000	0.0000000	1.0000000
## 137697	-73.95587	40.61848	22.000000	0.0000000	1.0000000
## 137886	-73.99575	40.69549	9.000000	0.0000000	1.0000000
## 138445	-73.95177	40.72533	13.500000	0.0000000	1.0000000
## 139105	-73.94176	40.68572	4.000000	0.0000000	1.0000000
## 140161	-74.00731	40.68124	6.000000	0.0000000	1.0000000
## 140200	-73.96787	40.68942	5.500000	0.0000000	1.0000000
## 140318	-74.00669	40.74334	21.500000	0.0000000	1.0000000
## 140687	-73.91586	40.69990	14.000000	0.0000000	1.0000000
## 142044	-73.87373	40.76523	11.500000	0.0000000	1.0000000
## 142232	-73.81371	40.75323	7.000000	0.0000000	1.0000000
## 142383	-73.88429	40.86894	20.000000	0.0000000	1.0000000
## 142475	-73.42148	40.72672	1.000000	0.0000000	0.0000000

## 142652	-73.98560	40.67000	6.000000	0.0000000	1.0000000
## 142915	-73.98285	40.70218	12.500000	0.0000000	1.0000000
## 143512	-73.94276	40.81327	7.000000	0.0000000	1.0000000
## 143811	-73.89336	40.72710	8.000000	0.0000000	1.0000000
## 143854	-73.96355	40.71858	15.500000	0.0000000	1.0000000
## 144263	-73.88383	40.76341	12.000000	0.0000000	1.0000000
## 144642	-73.93699	40.76472	2.500000	0.0000000	1.0000000
## 144683	-73.91125	40.70864	8.500000	0.0000000	1.0000000
## 145091	-73.93743	40.84092	13.500000	0.0000000	1.0000000
## 145205	-73.91615	40.77994	15.000000	0.0000000	1.0000000
## 145264	-73.86885	40.70294	9.000000	0.0000000	1.0000000
## 145918	-73.99475	40.75528	28.500000	1.0000000	1.0000000
## 146152	-73.93634	40.80138	4.500000	0.0000000	1.0000000
## 146359	-73.95756	40.67442	9.500000	0.0000000	1.0000000
## 146944	-73.98827	40.73473	12.500000	0.0000000	1.0000000
## 147274	-73.87844	40.75848	9.500000	0.0000000	1.0000000
## 147830	-73.95918	40.67734	8.000000	0.0000000	1.0000000
## 147978	-73.74491	40.76287	22.500000	0.0000000	1.0000000
## 148014	-73.88619	40.74963	11.500000	0.0000000	1.0000000
## 148109	-73.93531	40.66481	6.500000	0.0000000	1.0000000
## 148440	-73.91123	40.83850	32.500000	0.0000000	1.0000000
## 148518	-73.94398	40.68396	8.500000	0.0000000	1.0000000
## 148638	-73.95707	40.77456	5.000000	0.5000000	1.0000000
## 148767	-73.96188	40.80069	9.000000	0.5000000	1.0000000
## 148984	-73.96060	40.81808	3.500000	0.5000000	1.0000000
## 149108	-73.94275	40.69088	10.000000	0.5000000	1.0000000
## 149446	-73.95914	40.81433	4.500000	0.5000000	1.0000000
## 149636	-73.97866	40.74120	13.000000	0.5000000	1.0000000
## 150385	-73.89964	40.74137	5.000000	0.5000000	1.0000000
## 150973	-73.84610	40.72268	3.000000	0.5000000	1.0000000
## 151590	-73.92213	40.77710	8.000000	0.5000000	1.0000000
## 151923	-73.95621	40.72992	4.500000	0.5000000	1.0000000
## 152423	-73.98128	40.76755	17.500000	0.5000000	1.0000000
## 152546	-73.90157	40.66533	19.500000	0.5000000	1.0000000
## 152558	-73.94062	40.84528	7.000000	0.5000000	1.0000000
## 152917	-73.91083	40.67665	11.500000	0.5000000	1.0000000
## 152964	-73.92654	40.76920	5.500000	0.5000000	1.0000000
## 153363	-73.96898	40.69385	6.500000	0.5000000	1.0000000
## 153505	-73.95046	40.64512	9.500000	0.5000000	1.0000000
## 153859	-73.98637	40.73713	14.500000	0.5000000	1.0000000
## 153959	-73.94990	40.68243	2.500000	0.5000000	1.0000000
## 154855	-73.95029	40.67242	12.000000	0.5000000	1.0000000
## 155267	-73.87410	40.75120	6.000000	0.5000000	1.0000000
## 155373	-73.94333	40.83934	10.000000	0.5000000	1.0000000
## 155510	-73.93867	40.82201	10.500000	0.5000000	1.0000000
## 155579	-73.91451	40.76008	6.500000	0.5000000	1.0000000
## 155597	-73.86086	40.83537	23.500000	0.5000000	1.0000000
## 155984	-73.95847	40.73547	6.000000	0.5000000	1.0000000
## 156085	-73.99459	40.69775	6.000000	0.5000000	1.0000000
## 156348	-73.92909	40.77594	8.000000	0.5000000	1.0000000
## 156621	-73.96251	40.70989	13.500000	0.5000000	1.0000000
## 156658	-73.94633	40.79780	6.000000	0.5000000	1.0000000
## 156764	-73.87904	40.73611	7.000000	0.5000000	1.0000000
## 156836	-73.95717	40.72780	6.500000	0.5000000	1.0000000
## 156967	-73.92186	40.68931	12.500000	0.5000000	1.0000000
## 157148	-73.94933	40.71399	6.000000	0.5000000	1.0000000
## 158021	-73.95054	40.66886	52.000000	0.0000000	1.0000000
## 158174	-73.87251	40.75499	6.500000	0.5000000	1.0000000
## 158249	-73.94579	40.67937	14.500000	0.5000000	1.0000000
## 158575	-73.86613	40.74228	4.000000	0.5000000	1.0000000
## 158756	-73.98226	40.75849	20.000000	0.5000000	1.0000000
## 158946	-73.93871	40.69886	9.000000	0.0000000	1.0000000
## 159171	-73.84321	40.82524	26.000000	0.0000000	1.0000000
## 160511	-73.94807	40.81228	4.500000	0.0000000	1.0000000

## 160531	-73.95242	40.78964	5.000000	0.0000000	1.0000000
## 160843	-73.86569	40.90221	20.000000	0.0000000	0.0000000
## 160928	-73.96897	40.75758	23.000000	0.0000000	1.0000000
## 161339	-73.87127	40.77434	12.000000	0.0000000	1.0000000
## 161663	-73.91646	40.83074	3.500000	0.0000000	1.0000000
## 162383	-74.00639	40.71878	24.000000	0.0000000	1.0000000
## 162732	-73.89057	40.74696	11.000000	0.0000000	1.0000000
## 162745	-73.91969	40.75808	4.500000	0.0000000	1.0000000
## 162779	-73.95546	40.80201	8.000000	0.0000000	1.0000000
## 163046	-73.94630	40.71719	14.500000	0.0000000	1.0000000
## 163155	-73.95570	40.78838	10.500000	0.0000000	1.0000000
## 163156	-73.77886	40.66560	14.500000	0.0000000	1.0000000
## 163330	-74.00710	40.75157	20.000000	0.0000000	1.0000000
## 163543	-73.97000	40.68450	23.000000	0.0000000	1.0000000
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## 163842	-73.89039	40.74715	8.000000	0.5000000	1.0000000
## 164072	-73.99368	40.71825	7.500000	0.0000000	1.0000000
## 164231	-73.88907	40.86022	10.000000	0.0000000	0.0000000
## 164322	-73.91961	40.75827	4.500000	0.0000000	1.0000000
## 164394	-73.95302	40.82322	11.000000	0.0000000	1.0000000
## 164483	-73.96443	40.79219	6.000000	0.0000000	1.0000000
## 164620	-73.97312	40.78258	21.500000	0.0000000	1.0000000
## 164656	-73.93763	40.67093	7.500000	0.0000000	1.0000000
## 164741	-73.94164	40.79879	4.500000	0.0000000	1.0000000
## 164838	-73.95710	40.68703	8.500000	0.0000000	1.0000000
## 165005	-74.00562	40.71126	12.500000	0.0000000	1.0000000
## 165031	-73.94305	40.79673	3.500000	0.0000000	1.0000000
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## 165555	-73.97460	40.75350	11.500000	0.0000000	1.0000000
## 166570	-73.94632	40.79804	3.500000	0.0000000	1.0000000
## 167236	-73.97066	40.75190	16.500000	0.0000000	1.0000000
## 167445	-73.97085	40.75675	28.000000	0.0000000	1.0000000
## 167877	-73.94518	40.75541	7.500000	0.0000000	1.0000000
## 168461	-73.97056	40.79420	7.500000	0.0000000	1.0000000
## 169308	-73.83154	40.75999	16.000000	0.0000000	1.0000000
## 169695	-73.79019	40.64680	54.500000	0.0000000	1.0000000
## 169721	-73.98905	40.77321	28.500000	0.0000000	1.0000000
## 169764	-73.98177	40.76782	15.000000	0.0000000	1.0000000
## 169817	-73.95637	40.65056	10.500000	0.0000000	1.0000000
## 169876	-73.90878	40.81130	15.000000	0.0000000	1.0000000
## 169965	-73.99738	40.68843	4.000000	0.0000000	1.0000000
## 170832	-73.95432	40.74278	3.500000	0.0000000	1.0000000
## 170954	-73.95254	40.77828	26.000000	0.0000000	1.0000000
## 171140	-73.95856	40.78069	8.000000	0.0000000	1.0000000
## 171214	-73.93045	40.75470	6.000000	0.0000000	1.0000000
## 171295	-73.94376	40.83537	10.500000	0.0000000	1.0000000
## 171543	-73.97717	40.68513	5.000000	0.0000000	1.0000000
## 171652	-73.93882	40.80487	2.500000	0.0000000	1.0000000
## 171745	-73.94052	40.62415	26.500000	0.0000000	1.0000000
## 171752	-73.96279	40.71738	5.500000	0.0000000	1.0000000
## 172039	-73.89506	40.77208	8.000000	0.0000000	1.0000000
## 172055	-73.93879	40.82253	13.000000	0.0000000	0.0000000
## 172229	-73.94238	40.66916	6.000000	0.0000000	1.0000000
## 172791	-73.99432	40.69547	8.000000	0.0000000	1.0000000
## 173098	-73.76645	40.65311	52.000000	0.0000000	1.0000000
## 173353	-73.95926	40.77255	17.500000	0.0000000	1.0000000
## 173693	-73.98680	40.66863	9.000000	0.0000000	1.0000000
## 174789	-73.93969	40.82020	8.000000	0.0000000	1.0000000
## 174865	-73.95770	40.72213	9.000000	0.0000000	1.0000000
## 175026	-73.93450	40.84828	14.000000	0.0000000	1.0000000
## 176434	-73.95393	40.76675	16.500000	0.0000000	1.0000000
## 176683	-73.96501	40.67329	7.000000	0.0000000	1.0000000
## 176853	-73.93864	40.71913	17.500000	0.0000000	1.0000000
## 176889	-73.98064	40.78421	10.500000	0.0000000	1.0000000

## 177213	-73.88400	40.87706	13.500000	0.0000000	1.0000000
## 177245	-73.78350	40.64373	39.500000	0.0000000	1.0000000
## 177775	-73.89571	40.74699	8.000000	0.0000000	1.0000000
## 178122	-73.98879	40.69381	6.000000	1.0000000	1.0000000
## 178215	-73.84475	40.84938	5.000000	1.0000000	1.0000000
## 178334	-73.90780	40.86089	4.500000	1.0000000	1.0000000
## 178870	-74.00310	40.72514	10.500000	1.0000000	1.0000000
## 179025	-73.95022	40.77992	10.500000	1.0000000	1.0000000
## 179161	-73.87209	40.76600	11.500000	1.0000000	1.0000000
## 179761	-73.87292	40.77425	20.000000	1.0000000	1.0000000
## 180000	-73.88950	40.74921	7.500000	1.0000000	1.0000000
## 180451	-73.93473	40.76113	4.500000	1.0000000	1.0000000
## 180936	-73.93850	40.68471	12.500000	1.0000000	1.0000000
## 181819	-73.73888	40.75687	35.000000	0.0000000	0.0000000
## 182902	-73.94893	40.77579	28.500000	1.0000000	1.0000000
## 183771	-73.88149	40.76531	8.500000	1.0000000	1.0000000
## 184247	-73.94009	40.79465	5.500000	1.0000000	1.0000000
## 184632	-73.95904	40.74397	18.000000	1.0000000	1.0000000
## 184645	-73.94043	40.82044	4.000000	1.0000000	1.0000000
## 185533	-73.96026	40.67365	7.000000	1.0000000	1.0000000
## 186162	-73.88953	40.73930	13.000000	1.0000000	1.0000000
## 186191	-73.85665	40.72674	11.500000	1.0000000	1.0000000
## 186440	-74.01521	40.70643	13.000000	1.0000000	1.0000000
## 186473	-73.96826	40.78712	6.000000	1.0000000	1.0000000
## 186996	-73.93190	40.79674	4.000000	1.0000000	1.0000000
## 187229	-73.85146	40.70840	6.500000	1.0000000	1.0000000
## 187465	-73.86324	40.73739	5.000000	1.0000000	1.0000000
## 187648	-73.87711	40.82401	7.000000	1.0000000	1.0000000
## 188193	-73.93214	40.61768	8.500000	1.0000000	1.0000000
## 188280	-73.91487	40.76374	6.500000	1.0000000	1.0000000
## 188370	-73.85976	40.73765	9.500000	1.0000000	1.0000000
## 188544	-73.85546	40.83566	26.000000	1.0000000	1.0000000
## 188547	-73.96061	40.65945	5.000000	1.0000000	1.0000000
## 188628	-73.85376	40.74218	11.500000	1.0000000	1.0000000
## 188643	-73.92899	40.69346	4.000000	1.0000000	1.0000000
## 188845	-73.96764	40.71080	6.000000	1.0000000	1.0000000
## 188870	-73.88374	40.65254	27.500000	1.0000000	1.0000000
## 190983	-73.91549	40.75744	19.000000	1.0000000	1.0000000
## 191044	-73.96586	40.71282	7.500000	0.5000000	1.0000000
## 191078	-73.97568	40.68736	7.500000	0.5000000	1.0000000
## 191245	-73.97892	40.67582	5.000000	0.5000000	1.0000000
## 191275	-73.87570	40.75466	8.000000	0.5000000	1.0000000
## 191882	-73.95261	40.67449	13.500000	0.5000000	1.0000000
## 191928	-73.98409	40.74247	28.500000	0.5000000	1.0000000
## 192024	-73.95799	40.67441	5.000000	0.5000000	1.0000000
## 192032	-73.94587	40.82875	10.500000	0.5000000	1.0000000
## 192052	-73.94212	40.69096	13.000000	0.5000000	1.0000000
## 192053	-73.81741	40.69290	6.000000	0.5000000	1.0000000
## 192525	-73.88108	40.75595	12.000000	0.5000000	1.0000000
## 192746	-73.96308	40.71908	4.500000	0.5000000	1.0000000
## 193729	-73.96082	40.67279	5.000000	0.5000000	1.0000000
## 193919	-73.96325	40.72017	15.500000	0.5000000	1.0000000
## 194373	-73.93761	40.76482	5.000000	0.5000000	1.0000000
## 194439	-73.97650	40.78843	12.000000	0.5000000	1.0000000
## 194459	-73.87930	40.84026	4.000000	0.5000000	1.0000000
## 194947	-73.93894	40.81078	11.000000	0.5000000	1.0000000
## 195324	-73.96301	40.70687	4.500000	0.5000000	1.0000000
## 196409	-74.01019	40.71100	14.000000	0.5000000	1.0000000
## 196514	-73.98758	40.72138	20.000000	0.5000000	1.0000000
## 197039	-73.87949	40.75982	8.500000	0.5000000	1.0000000
## 197530	-73.99748	40.73361	14.500000	0.5000000	1.0000000
## 197842	-73.91020	40.75481	4.000000	0.5000000	1.0000000
## 198028	-73.92310	40.82623	11.500000	0.5000000	1.0000000
## 198424	-73.89836	40.66660	13.500000	0.5000000	1.0000000

## 198575	-73.90703	40.76416	20.500000	0.5000000	1.0000000
## 198707	-73.97852	40.78600	10.500000	0.5000000	1.0000000
## 199587	-73.88328	40.75391	5.500000	0.5000000	1.0000000
## 199818	-73.82777	40.69087	10.500000	0.5000000	1.0000000
## 200016	-73.89847	40.73770	6.500000	0.5000000	1.0000000
## 200145	-73.92284	40.73559	11.000000	0.5000000	1.0000000
## 200516	-73.98907	40.66459	9.500000	0.5000000	1.0000000
## 200872	-73.92485	40.70093	17.500000	0.5000000	1.0000000
## 200939	-73.93686	40.76486	0.000000	0.0000000	0.0000000
## 201138	-73.92010	40.84352	6.000000	0.5000000	1.0000000
## 201595	-73.90953	40.76694	5.500000	0.5000000	1.0000000
## 202067	-73.99386	40.74699	23.500000	0.5000000	1.0000000
## 202455	-73.93359	40.85410	16.000000	0.5000000	1.0000000
## 202587	-73.99072	40.75585	19.000000	0.5000000	1.0000000
## 202980	-73.94451	40.74636	6.500000	0.0000000	1.0000000
## 203491	-73.93887	40.85102	9.500000	0.0000000	1.0000000
## 203924	-73.95242	40.81731	8.500000	0.0000000	1.0000000
## 204162	0.00000	0.00000	5.500000	0.0000000	1.0000000
## 205267	-73.99252	40.66597	5.500000	0.0000000	1.0000000
## 205313	-73.94119	40.81367	5.500000	0.0000000	1.0000000
## 205581	-73.94035	40.80632	8.000000	0.0000000	1.0000000
## 205636	-73.99760	40.72083	9.500000	0.0000000	1.0000000
## 206465	-73.94151	40.79849	3.000000	0.0000000	1.0000000
## 206775	-73.94302	40.80662	5.000000	0.0000000	1.0000000
## 206925	-73.92348	40.81236	8.500000	0.0000000	1.0000000
## 207058	-73.87849	40.86766	9.500000	0.0000000	1.0000000
## 207645	-74.00769	40.73280	25.000000	0.0000000	1.0000000
## 207951	-73.99229	40.74815	19.000000	0.0000000	1.0000000
## 208241	-73.91976	40.73804	2.500000	0.0000000	1.0000000
## 208283	-73.97123	40.76668	11.500000	0.0000000	1.0000000
## 208623	-73.97920	40.68321	5.000000	0.0000000	1.0000000
## 209059	-73.95974	40.80868	4.000000	0.0000000	1.0000000
## 210831	-73.93819	40.80036	5.000000	0.0000000	1.0000000
## 211124	-73.95559	40.80783	8.000000	0.0000000	1.0000000
## 211193	-73.96216	40.77924	33.000000	0.0000000	1.0000000
## 211448	-73.97632	40.68451	9.000000	0.0000000	1.0000000
## 211614	-73.99192	40.68959	6.000000	0.0000000	1.0000000
## 211664	-73.85445	40.70699	6.500000	0.0000000	1.0000000
## 212509	-73.93945	40.80440	9.000000	0.0000000	1.0000000
## 212520	-73.94163	40.78753	9.000000	0.0000000	1.0000000
## 212758	-73.94798	40.80128	6.500000	0.0000000	1.0000000
## 212780	-73.97836	40.74590	16.500000	0.0000000	1.0000000
## 213446	-73.85336	40.72719	13.500000	0.0000000	1.0000000
## 213993	-73.97310	40.66945	5.500000	0.0000000	1.0000000
## 214167	-73.91981	40.84405	7.000000	0.0000000	1.0000000
## 215955	-73.96368	40.80312	6.500000	0.0000000	1.0000000
## 216032	-73.95836	40.71527	5.500000	0.0000000	1.0000000
## 216075	-73.94863	40.80169	6.500000	0.0000000	1.0000000
## 216135	-73.94260	40.68007	11.000000	0.0000000	1.0000000
## 216137	-73.83159	40.67964	12.500000	0.0000000	1.0000000
## 216287	-73.91628	40.76102	7.500000	0.0000000	1.0000000
## 216352	-73.93111	40.82997	8.500000	0.0000000	1.0000000
## 216360	-73.82583	40.74699	10.000000	0.0000000	1.0000000
## 216440	-73.93845	40.79087	4.000000	0.0000000	1.0000000
## 216576	-73.90553	40.74236	9.000000	0.0000000	1.0000000
## 216602	-73.99437	40.69488	7.000000	0.0000000	1.0000000
## 217293	-73.93517	40.69830	8.000000	0.0000000	1.0000000
## 217833	-73.83786	40.71861	3.500000	0.0000000	1.0000000
## 217849	-73.98696	40.69572	2.500000	0.0000000	1.0000000
## 218285	-73.93893	40.80809	5.000000	0.0000000	1.0000000
## 218629	-73.93501	40.81643	6.500000	0.0000000	1.0000000
## 218945	-73.96455	40.77246	13.000000	0.0000000	1.0000000
## 218956	-73.95527	40.73643	8.000000	0.0000000	1.0000000
## 219226	-73.94029	40.79750	4.000000	0.0000000	1.0000000

## 219331	-73.81049	40.73223	13.500000	0.0000000	1.0000000
## 219793	-73.89515	40.73765	5.500000	0.0000000	1.0000000
## 220229	-73.95217	40.76962	23.500000	0.0000000	1.0000000
## 220281	-73.95638	40.77890	7.000000	0.0000000	1.0000000
## 220410	-73.96382	40.67302	8.000000	0.0000000	1.0000000
## 220494	-73.91300	40.74804	21.500000	0.0000000	1.0000000
## 220717	-73.93475	40.79743	5.500000	0.0000000	1.0000000
## 220807	-73.88499	40.74833	7.000000	0.0000000	1.0000000
## 221408	-73.89090	40.84913	8.000000	0.0000000	0.0000000
## 221637	-73.92455	40.84005	5.000000	0.0000000	1.0000000
## 222532	-73.98470	40.70137	7.000000	1.0000000	1.0000000
## 222611	-73.90979	40.87442	5.000000	1.0000000	1.0000000
## 223824	-73.98048	40.78521	17.500000	1.0000000	1.0000000
## 223847	-73.89664	40.70587	22.500000	1.0000000	1.0000000
## 223994	-73.94420	40.81564	11.000000	1.0000000	1.0000000
## 224217	-73.93980	40.84092	9.000000	0.0000000	1.0000000
## 224222	-73.95892	40.65302	17.000000	1.0000000	1.0000000
## 224366	-73.87460	40.76497	8.500000	1.0000000	1.0000000
## 225410	-74.00153	40.68339	8.500000	1.0000000	1.0000000
## 227312	-73.94695	40.78078	12.000000	1.0000000	1.0000000
## 227687	-73.94210	40.82284	7.000000	1.0000000	1.0000000
## 227762	-73.91161	40.76801	8.500000	1.0000000	1.0000000
## 228111	-73.94807	40.83118	8.000000	1.0000000	1.0000000
## 228118	-73.91121	40.77651	14.500000	1.0000000	1.0000000
## 228137	-73.94665	40.74798	52.000000	0.0000000	1.0000000
## 228618	-73.93005	40.75673	5.000000	1.0000000	1.0000000
## 228757	-73.84687	40.73799	8.000000	1.0000000	1.0000000
## 228769	-73.83548	40.68582	10.000000	1.0000000	1.0000000
## 229185	-73.90725	40.75545	4.500000	1.0000000	1.0000000
## 229869	-73.98576	40.69221	13.500000	1.0000000	1.0000000
## 229993	-73.96887	40.69669	7.000000	1.0000000	1.0000000
## 230231	-73.97775	40.68059	6.000000	1.0000000	1.0000000
## 230248	-73.93121	40.76565	5.500000	1.0000000	1.0000000
## 230647	-73.91364	40.69335	22.000000	1.0000000	1.0000000
## 230950	-73.93867	40.65863	10.000000	1.0000000	1.0000000
## 231206	-73.94151	40.75158	10.000000	1.0000000	1.0000000
## 231529	-73.94054	40.81459	3.500000	1.0000000	1.0000000
## 231565	-73.95779	40.71980	14.000000	1.0000000	1.0000000
## 232080	-73.86283	40.74955	9.500000	1.0000000	1.0000000
## 232135	-73.85457	40.73619	10.000000	1.0000000	1.0000000
## 233051	-73.99168	40.73764	59.000000	1.0000000	1.0000000
## 233264	-73.95122	40.71075	16.500000	1.0000000	1.0000000
## 233302	-73.95272	40.68686	7.500000	1.0000000	1.0000000
## 233450	-73.92227	40.73997	8.500000	1.0000000	1.0000000
## 233720	-73.85224	40.70931	6.500000	1.0000000	1.0000000
## 233886	-73.98271	40.69601	9.000000	0.5000000	1.0000000
## 233888	-73.95398	40.74338	8.000000	0.5000000	1.0000000
## 234425	-73.91164	40.84346	7.000000	0.0000000	0.0000000
## 234516	-73.94411	40.69294	13.000000	0.5000000	1.0000000
## 234690	-73.98412	40.70232	7.500000	0.5000000	1.0000000
## 234802	-73.98552	40.66227	8.000000	0.5000000	1.0000000
## 234808	-73.99175	40.67061	9.000000	0.5000000	1.0000000
## 235655	-73.78986	40.64312	46.500000	0.5000000	1.0000000
## 235893	-73.98213	40.78296	10.500000	0.5000000	1.0000000
## 236739	-73.94474	40.80861	8.500000	0.5000000	1.0000000
## 236870	-73.85703	40.71767	5.500000	0.5000000	1.0000000
## 236885	-73.80646	40.68243	8.500000	0.5000000	1.0000000
## 236886	-73.96661	40.64022	19.500000	0.5000000	1.0000000
## 236914	-73.89467	40.76032	8.000000	0.5000000	1.0000000
## 237197	-73.91127	40.77581	52.000000	0.0000000	1.0000000
## 237371	-74.01485	40.64603	16.000000	0.5000000	1.0000000
## 237528	-73.94466	40.72653	5.500000	0.5000000	1.0000000
## 237793	-73.97470	40.67498	8.000000	0.5000000	1.0000000
## 237800	-73.90057	40.70050	9.500000	0.5000000	1.0000000

## 238393	-73.94866	40.79663	5.000000	0.500000	1.000000
## 238538	-73.90207	40.74250	8.500000	0.500000	1.000000
## 238729	-73.95831	40.73561	5.500000	0.500000	1.000000
## 239471	-73.88148	40.76386	6.000000	0.500000	1.000000
## 240008	-73.95925	40.64638	24.500000	0.500000	1.000000
## 240722	-73.95677	40.67412	7.500000	0.500000	1.000000
## 240801	-74.01292	40.70553	31.500000	0.500000	1.000000
## 240846	-73.86063	40.68454	27.000000	0.500000	1.000000
## 240934	-73.90993	40.70917	8.500000	0.500000	1.000000
## 241122	-73.90350	40.73804	13.000000	0.500000	1.000000
## 241222	-73.93615	40.68565	30.500000	0.500000	1.000000
## 241336	-73.93736	40.69225	39.500000	0.500000	1.000000
## 241689	-73.93629	40.79906	4.500000	0.500000	1.000000
## 241691	-73.96575	40.67422	16.000000	0.500000	1.000000
## 241704	-73.98560	40.68877	4.500000	0.500000	1.000000
## 241891	-73.93905	40.69656	17.000000	0.500000	1.000000
## 242071	-73.89577	40.70401	18.000000	0.500000	1.000000
## 242254	-73.96855	40.79674	23.500000	0.500000	1.000000
## 242353	-73.95845	40.73531	6.000000	0.500000	1.000000
## 242506	-73.88548	40.87682	19.000000	0.500000	1.000000
## 242635	-73.97945	40.66339	42.500000	0.500000	1.000000
## 243025	-73.99219	40.66633	10.500000	0.500000	1.000000
## 243098	-73.94978	40.67766	8.500000	0.500000	1.000000
## 243833	-73.89724	40.86192	25.000000	0.000000	0.000000
## 244178	-73.88309	40.76387	10.000000	0.500000	1.000000
## 244338	-73.94498	40.68082	24.000000	0.500000	1.000000
## 244655	-73.93016	40.76861	6.000000	0.500000	1.000000
## 245394	-73.93687	40.81397	13.000000	0.000000	1.000000
## 245531	-73.93047	40.79736	5.500000	0.000000	1.000000
## 245532	-73.78942	40.64709	41.500000	0.000000	1.000000
## 245879	-73.97492	40.74960	17.500000	0.000000	1.000000
## 246163	-73.96107	40.72088	5.500000	0.000000	1.000000
## 246284	-73.93812	40.81293	6.000000	0.000000	1.000000
## 246295	-73.98489	40.75670	12.000000	0.000000	1.000000
## 247054	-74.00694	40.75137	21.500000	0.000000	1.000000
## 247079	-73.95808	40.78466	11.500000	0.000000	1.000000
## 247243	-73.98962	40.73434	29.000000	0.000000	1.000000
## 247846	-73.89583	40.75457	6.000000	0.000000	1.000000
## 247863	-73.97451	40.79539	14.000000	0.000000	1.000000
## 247981	-73.96521	40.77533	17.500000	0.000000	1.000000
## 248020	-73.98405	40.69361	9.000000	0.000000	1.000000
## 248123	-73.97975	40.75961	20.000000	0.000000	1.000000
## 248489	-73.86982	40.72580	10.500000	0.000000	1.000000
## 248535	-73.86568	40.77089	13.500000	0.000000	1.000000
## 249074	-73.95972	40.77450	25.000000	0.000000	0.000000
## 249302	-73.86936	40.73354	7.500000	0.000000	1.000000
## 249563	-73.89228	40.86375	12.000000	0.000000	0.000000
## 249773	-73.98849	40.73475	23.500000	0.000000	1.000000
## 250890	-73.93757	40.80677	7.000000	0.000000	1.000000
## 251020	-73.95609	40.78743	7.000000	0.000000	1.000000
## 251703	-73.95315	40.80522	3.500000	0.000000	1.000000
## 251753	-73.95442	40.82119	6.000000	0.000000	1.000000
## 252738	-73.93787	40.69518	11.000000	0.000000	1.000000
## 252902	-73.94708	40.68355	15.000000	0.000000	1.000000
## 253059	-73.93708	40.80479	6.500000	0.000000	1.000000
## 253193	-73.95102	40.79930	4.500000	0.000000	1.000000
## 253684	-73.80612	40.76313	8.000000	0.000000	1.000000
## 254438	-73.98266	40.76901	22.000000	0.000000	1.000000
## 254641	-73.95731	40.66381	3.500000	0.000000	1.000000
## 254753	-73.99286	40.72340	19.000000	0.000000	1.000000
## 255056	-73.73013	40.71045	26.500000	0.000000	1.000000
## 255440	-73.94406	40.72244	5.500000	0.000000	1.000000
## 255502	-73.98402	40.68668	7.500000	0.000000	1.000000
## 255707	-73.92140	40.82882	6.500000	0.000000	1.000000

## 256470	-74.00703	40.71718	9.500000	0.0000000	1.0000000
## 256696	-73.99648	40.73241	17.000000	0.0000000	1.0000000
## 256763	-73.96223	40.81194	9.500000	0.0000000	1.0000000
## 256807	-73.96951	40.78522	20.000000	0.0000000	1.0000000
## 256901	-73.89651	40.81595	7.000000	0.0000000	0.0000000
## 256973	-73.88782	40.83361	20.500000	0.0000000	1.0000000
## 257855	-73.94394	40.80626	6.000000	0.0000000	1.0000000
## 258058	-73.92795	40.67328	20.000000	0.0000000	0.0000000
## 258076	-73.95184	40.73098	7.000000	0.0000000	1.0000000
## 258175	-73.91722	40.87001	4.000000	0.0000000	1.0000000
## 258639	-73.82336	40.75447	7.500000	0.0000000	1.0000000
## 258787	-73.90440	40.86285	26.000000	0.0000000	1.0000000
## 259603	-73.85086	40.72904	8.000000	0.0000000	1.0000000
## 259805	-73.93956	40.82080	10.000000	0.0000000	1.0000000
## 259807	-73.96526	40.68567	6.500000	0.0000000	1.0000000
## 260437	-73.86925	40.73481	2.500000	0.0000000	1.0000000
## 260917	-73.96554	40.77282	13.000000	0.0000000	1.0000000
## 261287	-73.92178	40.76714	6.000000	0.0000000	1.0000000
## 261556	-73.95026	40.79016	9.000000	0.0000000	1.0000000
## 262351	-73.92505	40.77107	13.000000	0.0000000	1.0000000
## 262565	-73.82703	40.76543	19.000000	0.0000000	1.0000000
## 262621	-74.00578	40.65291	15.000000	0.0000000	1.0000000
## 263677	-73.97672	40.78029	15.500000	1.0000000	1.0000000
## 264212	-73.93102	40.76588	24.500000	1.0000000	1.0000000
## 264538	-73.96770	40.60239	21.500000	1.0000000	1.0000000
## 264541	-74.00507	40.74293	24.500000	1.0000000	1.0000000
## 264576	-73.85265	40.73667	5.000000	1.0000000	1.0000000
## 264774	-73.91871	40.82905	15.500000	1.0000000	1.0000000
## 265626	-73.97357	40.78462	15.000000	1.0000000	1.0000000
## 265900	-73.94897	40.82845	4.500000	1.0000000	1.0000000
## 266071	-73.99023	40.68346	4.000000	1.0000000	1.0000000
## 267324	-73.95736	40.81939	9.000000	1.0000000	1.0000000
## 267475	-73.96286	40.71187	3.500000	1.0000000	1.0000000
## 267603	-73.95379	40.78048	7.000000	1.0000000	1.0000000
## 268307	-73.96347	40.67605	15.000000	1.0000000	1.0000000
## 268409	-73.96484	40.68357	13.500000	1.0000000	1.0000000
## 268634	-73.93988	40.79884	5.500000	1.0000000	1.0000000
## 268656	-73.90171	40.88564	3.500000	1.0000000	1.0000000
## 268788	-73.85070	40.66668	7.500000	1.0000000	1.0000000
## 268876	-73.94939	40.78693	5.196043	0.3354884	0.9693665
## 269115	-73.95641	40.80303	18.000000	1.0000000	1.0000000
## 269203	-73.90092	40.73807	5.500000	1.0000000	1.0000000
## 270287	-73.95301	40.82267	8.000000	1.0000000	1.0000000
## 270841	-73.92109	40.69820	10.000000	1.0000000	1.0000000
## 271249	-73.97553	40.69593	5.000000	1.0000000	1.0000000
## 271323	-73.91766	40.75809	5.500000	1.0000000	1.0000000
## 271839	-73.92309	40.74390	6.500000	1.0000000	1.0000000
## 272003	-73.94085	40.81910	10.000000	1.0000000	1.0000000
## 272111	-73.93394	40.76299	10.000000	1.0000000	1.0000000
## 272200	-73.95700	40.76585	11.500000	1.0000000	1.0000000
## 272467	-73.91556	40.84676	18.000000	1.0000000	1.0000000
## 272520	-73.85896	40.70539	9.000000	1.0000000	1.0000000
## 272556	-73.95925	40.77276	7.500000	1.0000000	1.0000000
## 272939	-73.99576	40.69522	8.000000	1.0000000	1.0000000
## 273100	-73.95709	40.77409	7.500000	1.0000000	1.0000000
## 273174	-73.97453	40.78812	16.500000	1.0000000	1.0000000
## 273305	-73.95543	40.78194	7.000000	1.0000000	1.0000000
## 274067	-73.99073	40.75792	39.000000	1.0000000	1.0000000
## 274215	-73.95978	40.80804	4.500000	0.5000000	1.0000000
## 274523	-73.98434	40.68773	8.500000	1.0000000	1.0000000
## 274696	-73.91190	40.84288	15.000000	1.0000000	1.0000000
## 274867	-73.88011	40.73527	2.500000	0.5000000	1.0000000
## 275361	-73.98337	40.74221	18.000000	0.5000000	1.0000000
## 275871	-73.95608	40.71547	16.000000	0.5000000	1.0000000

## 276454	-73.97535	40.72911	20.500000	0.5000000	1.0000000
## 276859	-73.96854	40.79914	11.500000	0.5000000	1.0000000
## 276932	-73.97250	40.68644	45.000000	0.5000000	1.0000000
## 277017	-73.88564	40.85463	5.500000	0.5000000	1.0000000
## 277235	-73.96784	40.60875	18.000000	0.5000000	1.0000000
## 277571	-73.96801	40.79400	7.500000	0.5000000	1.0000000
## 278028	-73.95803	40.67444	9.500000	0.5000000	1.0000000
## 278170	-73.95513	40.68966	10.000000	0.5000000	1.0000000
## 278420	-73.92842	40.76667	4.000000	0.5000000	1.0000000
## 278988	-73.93591	40.83192	9.000000	0.5000000	1.0000000
## 279107	-73.90525	40.85886	15.000000	0.5000000	1.0000000
## 279238	-73.90970	40.63352	9.500000	0.5000000	1.0000000
## 280073	-73.92870	40.82292	4.500000	0.5000000	1.0000000
## 280349	-73.91300	40.69164	16.500000	0.5000000	1.0000000
## 280626	-73.91106	40.76736	5.000000	0.5000000	1.0000000
## 280875	-73.92889	40.76302	4.000000	0.5000000	1.0000000
## 281290	-74.02748	40.63232	18.500000	0.5000000	1.0000000
## 281409	-73.98687	40.70112	29.500000	0.5000000	1.0000000
## 281454	-73.96597	40.71241	7.500000	0.5000000	1.0000000
## 281460	-73.87021	40.76720	19.000000	0.5000000	1.0000000
## 281513	-73.86966	40.74954	13.500000	0.5000000	1.0000000
## 281516	-73.86070	40.72409	11.000000	0.5000000	1.0000000
## 282027	-73.94885	40.72285	4.500000	0.5000000	1.0000000
## 282121	-73.92454	40.86135	13.500000	0.5000000	1.0000000
## 282369	-73.97045	40.69072	4.500000	0.5000000	1.0000000
## 282710	-73.83541	40.70154	9.500000	0.5000000	1.0000000
## 282751	-73.93866	40.59396	20.500000	0.5000000	1.0000000
## 283043	-73.91371	40.69925	16.000000	0.5000000	1.0000000
## 283319	-73.96929	40.75337	28.000000	0.5000000	1.0000000
## 283555	-73.97663	40.64304	10.000000	0.5000000	1.0000000
## 283678	-73.91561	40.68279	5.500000	0.5000000	1.0000000
## 283840	-73.89333	40.73461	5.500000	0.5000000	1.0000000
## 283930	-73.95358	40.68592	9.000000	0.5000000	1.0000000
## 284042	-73.94640	40.70703	8.000000	0.5000000	1.0000000
## 284109	-73.96903	40.64314	10.500000	0.5000000	1.0000000
## 284486	-73.92107	40.76938	5.000000	0.5000000	1.0000000
## 284667	-73.86588	40.68867	14.000000	0.5000000	1.0000000
## 284676	-73.84090	40.71082	5.000000	0.5000000	1.0000000
## 284891	-73.96236	40.67772	20.500000	0.5000000	1.0000000
## 285064	-73.93999	40.70956	5.000000	0.5000000	1.0000000
## 285751	-73.88927	40.67687	18.000000	0.5000000	1.0000000
## 286085	-73.90528	40.71077	12.000000	0.5000000	1.0000000
## 286953	-73.83183	40.75902	13.000000	0.0000000	0.0000000
## 287140	-73.86681	40.74967	4.500000	0.5000000	1.0000000
## 287481	-73.78911	40.64169	52.000000	0.0000000	1.0000000
## 287611	-73.98104	40.75308	12.500000	0.0000000	1.0000000
## 287689	-73.89508	40.86208	19.000000	0.0000000	1.0000000
## 287743	-73.95551	40.81794	4.500000	0.0000000	1.0000000
## 288009	-73.99202	40.72004	20.500000	0.0000000	1.0000000
## 288398	-73.90619	40.87573	7.000000	0.0000000	0.0000000
## 288544	-73.95496	40.81529	4.500000	0.0000000	1.0000000
## 288857	-73.95154	40.79050	8.000000	0.0000000	1.0000000
## 289486	-74.00878	40.70448	13.000000	0.0000000	1.0000000
## 289745	-73.94049	40.68050	10.000000	0.0000000	1.0000000
## 289815	-73.92905	40.80967	14.500000	0.0000000	1.0000000
## 290195	-73.94285	40.84330	12.000000	0.0000000	1.0000000
## 290285	-73.96723	40.78865	8.500000	0.0000000	1.0000000
## 290335	-73.97577	40.75943	10.000000	0.0000000	1.0000000
## 290971	-73.94470	40.68235	27.500000	0.0000000	1.0000000
## 291497	-73.78623	40.71444	27.500000	0.0000000	1.0000000
## 291554	-73.88503	40.86852	12.000000	0.0000000	1.0000000
## 293326	-73.90018	40.86792	3.500000	0.0000000	1.0000000
## 293457	-73.91116	40.68251	8.000000	0.0000000	1.0000000
## 293632	-73.95253	40.74262	5.000000	0.0000000	1.0000000

## 293671	-73.95935	40.73115	6.000000	0.0000000	1.0000000
## 293752	-73.92754	40.81122	10.000000	0.0000000	1.0000000
## 293904	-73.95752	40.81532	8.000000	0.0000000	1.0000000
## 294026	-73.77637	40.64519	70.000000	0.0000000	1.0000000
## 294128	-73.98388	40.76809	16.000000	0.0000000	1.0000000
## 294545	-73.94550	40.81261	5.500000	0.0000000	1.0000000
## 294595	-73.98116	40.68994	5.000000	0.0000000	1.0000000
## 294694	-73.96014	40.66329	8.500000	0.0000000	1.0000000
## 294701	-73.92928	40.80798	7.500000	0.0000000	1.0000000
## 294733	-74.00378	40.75014	17.000000	0.0000000	1.0000000
## 294891	-73.95352	40.77693	7.500000	0.0000000	1.0000000
## 295794	-73.94439	40.80734	5.500000	0.0000000	1.0000000
## 296878	-73.90622	40.77269	5.500000	0.0000000	1.0000000
## 297188	-73.94447	40.70515	15.500000	0.0000000	1.0000000
## 297464	-73.98947	40.69231	16.500000	0.0000000	1.0000000
## 297571	-73.93078	40.74677	22.000000	0.0000000	1.0000000
## 297890	-73.96495	40.70750	12.000000	0.0000000	1.0000000
## 298206	-74.00674	40.67439	4.000000	0.0000000	1.0000000
## 298541	-73.96790	40.79438	13.000000	0.0000000	1.0000000
## 298788	-73.93634	40.67966	7.500000	0.0000000	1.0000000
## 299074	-73.94799	40.78323	7.500000	0.0000000	1.0000000
## 299477	-73.85838	40.84718	20.000000	0.0000000	0.0000000
## 299625	-73.85355	40.74714	7.500000	0.0000000	1.0000000
## 299738	-73.97741	40.76617	22.000000	0.0000000	1.0000000
## 300309	-73.94011	40.62559	20.500000	0.0000000	1.0000000
## 300434	-73.96655	40.79446	5.500000	0.0000000	1.0000000
## 300732	-73.78278	40.64408	52.000000	0.0000000	1.0000000
## 301618	-73.95011	40.78700	9.500000	0.0000000	1.0000000
## 302176	-73.97059	40.69623	10.000000	0.0000000	1.0000000
## 302299	-73.94662	40.78070	6.500000	0.0000000	1.0000000
## 302524	-73.92746	40.74201	8.500000	0.0000000	1.0000000
## 302821	-73.95892	40.71949	26.000000	0.0000000	1.0000000
## 303600	-73.95316	40.79136	8.500000	0.0000000	1.0000000
## 303636	-73.94326	40.80692	9.500000	0.0000000	1.0000000
## 303643	-73.91496	40.75290	5.500000	0.0000000	1.0000000
## 303789	-73.99180	40.69347	5.000000	0.0000000	1.0000000
## 303837	-73.89839	40.75924	5.500000	0.0000000	1.0000000
## 304299	-73.95397	40.80633	5.000000	0.0000000	1.0000000
## 304445	-73.76530	40.70255	13.500000	0.0000000	1.0000000
## 304804	-73.96586	40.80383	8.000000	0.0000000	1.0000000
## 305879	-73.97908	40.66829	10.500000	0.0000000	1.0000000
## 305883	-73.93898	40.80489	12.000000	0.0000000	1.0000000
## 305973	-73.90615	40.72819	9.000000	0.0000000	1.0000000
## 306129	-73.97023	40.78411	10.500000	1.0000000	1.0000000
## 306206	-73.99139	40.69133	6.500000	1.0000000	1.0000000
## 306509	-73.85790	40.75819	14.000000	1.0000000	1.0000000
## 306578	-73.98888	40.72071	10.000000	1.0000000	1.0000000
## 306913	-73.97593	40.65917	6.500000	1.0000000	1.0000000
## 306999	-73.97065	40.79507	6.500000	1.0000000	1.0000000
## 307138	-73.92989	40.85740	6.000000	1.0000000	1.0000000
## 307269	-73.91445	40.88285	14.500000	1.0000000	1.0000000
## 307666	-73.95176	40.69153	12.000000	1.0000000	1.0000000
## 307864	-73.95473	40.81818	51.000000	1.0000000	1.0000000
## 308563	-73.94005	40.80554	11.000000	1.0000000	1.0000000
## 308974	-73.87592	40.77023	9.500000	1.0000000	1.0000000
## 309646	-73.97346	40.69129	9.000000	1.0000000	1.0000000
## 309680	-73.97762	40.68423	9.500000	1.0000000	1.0000000
## 309745	-73.96271	40.68481	11.000000	1.0000000	1.0000000
## 309999	-73.86559	40.77090	14.000000	1.0000000	1.0000000
## 310068	-73.97223	40.67080	12.000000	1.0000000	1.0000000
## 310513	-73.90658	40.74313	11.500000	1.0000000	1.0000000
## 310772	-73.93220	40.79514	8.500000	1.0000000	1.0000000
## 311052	-73.94972	40.67784	18.500000	1.0000000	1.0000000
## 311178	-73.94894	40.69468	5.000000	1.0000000	1.0000000

## 311200	-73.93927	40.80513	6.000000	1.0000000	1.0000000
## 311249	-73.90639	40.74066	8.000000	1.0000000	1.0000000
## 311374	-73.92468	40.74407	8.500000	1.0000000	1.0000000
## 311964	-73.97606	40.68692	8.000000	1.0000000	1.0000000
## 312164	-73.93814	40.79626	4.500000	1.0000000	1.0000000
## 312452	-74.01438	40.71659	10.500000	1.0000000	1.0000000
## 312571	-73.99472	40.69735	3.500000	1.0000000	1.0000000
## 312659	-73.96230	40.71621	4.000000	1.0000000	1.0000000
## 312718	-73.96407	40.71061	6.500000	1.0000000	1.0000000
## 312730	-73.98231	40.68611	8.000000	1.0000000	1.0000000
## 312747	-73.93880	40.68698	10.500000	1.0000000	1.0000000
## 313616	-73.97336	40.69576	5.500000	1.0000000	1.0000000
## 313794	-73.99404	40.75621	16.000000	1.0000000	1.0000000
## 314390	-73.92658	40.77260	6.000000	1.0000000	1.0000000
## 314412	-73.94624	40.81688	5.500000	1.0000000	1.0000000
## 314928	-73.85677	40.72014	7.500000	1.0000000	1.0000000
## 314935	-74.01283	40.70619	11.500000	1.0000000	1.0000000
## 315388	-73.99834	40.71570	15.500000	1.0000000	1.0000000
## 315641	-73.99526	40.64521	31.000000	1.0000000	1.0000000
## 315694	-73.95991	40.69030	10.500000	1.0000000	1.0000000
## 315906	-73.98748	40.68304	6.500000	1.0000000	1.0000000
## 316246	-73.97244	40.79172	7.500000	1.0000000	1.0000000
## 316315	-73.93911	40.84473	20.500000	1.0000000	1.0000000
## 316479	-73.63968	40.74958	64.000000	1.0000000	1.0000000
## 316481	-73.81757	40.69378	28.000000	1.0000000	1.0000000
## 316598	-73.88992	40.84686	18.000000	0.5000000	1.0000000
## 317246	-73.99636	40.69081	6.500000	1.0000000	1.0000000
## 318010	-73.97135	40.78233	11.500000	0.5000000	1.0000000
## 319107	-73.94534	40.67401	7.000000	0.5000000	1.0000000
## 319199	-73.98761	40.74140	18.500000	0.5000000	1.0000000
## 319278	-73.94231	40.62729	36.000000	0.5000000	1.0000000
## 319494	-73.93481	40.85195	13.500000	0.5000000	1.0000000
## 319604	-74.00465	40.73676	15.500000	0.5000000	1.0000000
## 321193	-73.90639	40.75970	6.000000	0.5000000	1.0000000
## 322111	-73.94765	40.82265	8.500000	0.5000000	1.0000000
## 322774	-73.97154	40.63624	12.500000	0.5000000	1.0000000
## 322889	-73.91048	40.76396	4.500000	0.5000000	1.0000000
## 324051	-73.89218	40.84612	33.500000	0.5000000	1.0000000
## 324275	-73.95083	40.82580	4.000000	0.5000000	1.0000000
## 324348	-73.91101	40.75850	8.000000	0.5000000	1.0000000
## 324385	-73.82436	40.73428	57.500000	0.5000000	1.0000000
## 324940	-73.77278	40.72282	6.500000	0.5000000	1.0000000
## 325422	-73.83055	40.70580	8.500000	0.5000000	1.0000000
## 325727	-73.95748	40.72937	5.000000	0.5000000	1.0000000
## 325856	-73.95889	40.66186	10.500000	0.5000000	1.0000000
## 326927	-73.95876	40.80981	4.000000	0.5000000	1.0000000
## 327163	-73.93178	40.76506	5.000000	0.5000000	1.0000000
## 327269	-73.94099	40.83422	44.000000	0.5000000	1.0000000
## 327412	-73.94347	40.81039	7.000000	0.5000000	1.0000000
## 327551	-73.91857	40.70385	11.500000	0.5000000	1.0000000
## 327792	-73.94879	40.66022	32.500000	0.5000000	1.0000000
## 329940	-73.86375	40.74354	7.500000	0.5000000	1.0000000
## 329996	-73.99373	40.66095	6.000000	0.5000000	1.0000000
## 330474	-73.94981	40.68189	13.500000	0.5000000	1.0000000
## 331012	-73.87142	40.77424	21.500000	0.5000000	1.0000000
## 331080	-73.89513	40.72608	7.500000	0.5000000	1.0000000
## 331150	-73.99386	40.77126	12.500000	0.5000000	1.0000000
## 331158	-73.87255	40.84099	27.000000	0.5000000	1.0000000
## 331509	-73.93843	40.80475	7.000000	0.0000000	1.0000000
## 331705	-73.95834	40.68065	8.000000	0.0000000	1.0000000
## 332089	-73.88550	40.73780	6.500000	0.0000000	1.0000000
## 332206	-73.85487	40.84168	8.000000	0.0000000	0.0000000
## 332316	-73.96317	40.72041	7.000000	0.0000000	1.0000000
## 332351	-73.97005	40.76186	14.500000	0.0000000	1.0000000

## 332433	-73.94126	40.67980	7.000000	0.0000000	1.0000000
## 334301	-73.99102	40.69222	5.500000	0.0000000	1.0000000
## 334375	-73.99577	40.61370	10.000000	0.0000000	1.0000000
## 334762	-73.97179	40.79489	12.000000	0.0000000	1.0000000
## 334950	-73.96053	40.80989	10.000000	0.0000000	1.0000000
## 334959	-73.95219	40.81913	17.000000	0.0000000	1.0000000
## 335038	-73.95384	40.76608	16.500000	0.0000000	1.0000000
## 335053	-73.87968	40.75037	6.500000	0.0000000	1.0000000
## 335166	-73.86764	40.67338	24.500000	0.0000000	1.0000000
## 335249	-73.96861	40.63884	7.500000	0.0000000	1.0000000
## 335362	-73.96484	40.80164	10.000000	0.0000000	1.0000000
## 335565	-73.97498	40.75240	24.500000	0.0000000	1.0000000
## 335626	-73.97619	40.78876	20.000000	0.0000000	0.0000000
## 335718	-73.97726	40.78866	7.500000	0.0000000	1.0000000
## 335727	-73.92468	40.76843	8.000000	0.0000000	1.0000000
## 335739	-73.99134	40.76612	23.500000	0.0000000	1.0000000
## 336069	-73.85533	40.82336	14.000000	0.0000000	1.0000000
## 336482	-73.95789	40.67095	4.000000	0.0000000	1.0000000
## 337224	-73.97459	40.79099	8.000000	0.0000000	1.0000000
## 337360	-73.94637	40.81147	4.000000	0.0000000	1.0000000
## 337493	-73.93638	40.81446	13.000000	0.0000000	1.0000000
## 337631	-73.94743	40.63012	21.000000	0.0000000	1.0000000
## 337682	-73.78362	40.64365	52.000000	0.0000000	1.0000000
## 338084	-73.96861	40.75988	21.000000	0.0000000	1.0000000
## 338531	-73.97128	40.75505	19.500000	0.0000000	1.0000000
## 339102	-73.93684	40.80254	3.000000	0.0000000	1.0000000
## 339344	-73.95671	40.74822	21.500000	0.0000000	1.0000000
## 339480	-73.98747	40.77356	14.000000	0.0000000	1.0000000
## 339666	-73.97215	40.79409	8.500000	0.0000000	1.0000000
## 340070	-73.95543	40.78608	27.000000	0.0000000	1.0000000
## 340524	-73.86317	40.74984	13.500000	0.0000000	1.0000000
## 340946	-73.98020	40.68800	3.000000	0.0000000	1.0000000
## 340956	-73.94275	40.73251	9.500000	0.0000000	1.0000000
## 341130	-74.00468	40.72850	18.000000	0.0000000	1.0000000
## 341158	-73.94061	40.81438	8.000000	0.0000000	1.0000000
## 341288	-73.98826	40.75235	31.500000	0.0000000	1.0000000
## 341697	-73.92089	40.80831	11.500000	0.0000000	1.0000000
## 342136	-73.77631	40.64556	55.500000	0.0000000	1.0000000
## 342809	-73.96900	40.78590	9.500000	0.0000000	1.0000000
## 343074	-73.90249	40.81258	16.500000	0.0000000	1.0000000
## 343240	-73.96387	40.80820	11.000000	0.0000000	1.0000000
## 343306	-73.90437	40.69578	18.000000	0.0000000	1.0000000
## 343327	-73.95097	40.79445	8.500000	0.0000000	1.0000000
## 343591	-73.80663	40.76316	7.500000	0.0000000	1.0000000
## 344417	-73.90671	40.76989	9.000000	0.0000000	1.0000000
## 344620	-73.98965	40.70240	9.500000	0.0000000	1.0000000
## 346047	-73.91755	40.81604	12.000000	0.0000000	1.0000000
## 346264	-73.94722	40.80857	4.500000	0.0000000	1.0000000
## 346314	-73.93882	40.75244	11.000000	0.0000000	1.0000000
## 346348	-73.87077	40.74242	9.500000	0.0000000	1.0000000
## 346597	-73.91631	40.76500	6.500000	0.0000000	1.0000000
## 346703	-73.96988	40.61383	19.000000	0.0000000	1.0000000
## 346817	-73.95982	40.72022	5.500000	0.0000000	1.0000000
## 346883	-73.96815	40.79414	4.500000	0.0000000	1.0000000
## 347047	-73.99216	40.68263	9.000000	0.0000000	1.0000000
## 347074	-73.98753	40.69328	7.500000	0.0000000	1.0000000
## 347538	-73.94101	40.80581	7.000000	0.0000000	1.0000000
## 347597	-73.87405	40.82391	13.000000	0.0000000	1.0000000
## 348252	-73.90659	40.67532	8.500000	0.0000000	1.0000000
## 349124	-73.91322	40.88807	17.500000	0.0000000	1.0000000
## 349402	-73.97145	40.79449	8.000000	0.0000000	1.0000000
## 349464	-73.96431	40.77394	8.500000	0.0000000	1.0000000
## 349490	-73.85651	40.72234	5.000000	0.0000000	1.0000000
## 349578	-73.98263	40.68845	12.500000	0.0000000	1.0000000

## 349910	-73.95206	40.77746	7.500000	0.0000000	1.0000000
## 350157	-73.92731	40.82077	14.500000	0.0000000	1.0000000
## 350255	-73.86634	40.77129	31.000000	0.0000000	1.0000000
## 350402	-73.94533	40.75151	3.500000	0.0000000	1.0000000
## 350586	-73.89776	40.75573	11.500000	0.0000000	1.0000000
## 352120	-73.99984	40.68511	6.500000	1.0000000	1.0000000
## 352313	-73.95963	40.81875	6.500000	1.0000000	1.0000000
## 352603	-73.95821	40.71734	11.500000	1.0000000	1.0000000
## 352761	-73.97303	40.78530	13.000000	1.0000000	1.0000000
## 353593	-73.89745	40.82978	11.000000	1.0000000	1.0000000
## 353822	-73.90318	40.75188	4.500000	1.0000000	1.0000000
## 354071	-73.99230	40.72899	13.500000	1.0000000	1.0000000
## 354106	-74.01530	40.67528	3.500000	1.0000000	1.0000000
## 354932	-73.90422	40.66321	14.500000	1.0000000	1.0000000
## 354952	-73.98617	40.68981	52.000000	0.0000000	1.0000000
## 355085	-73.95678	40.72069	14.000000	1.0000000	1.0000000
## 355816	-73.94856	40.78206	24.000000	1.0000000	1.0000000
## 356319	-73.97545	40.68350	10.000000	1.0000000	1.0000000
## 357205	-73.80322	40.70832	9.500000	1.0000000	1.0000000
## 357311	-73.94612	40.72984	11.500000	1.0000000	1.0000000
## 357549	-73.95528	40.68939	10.000000	1.0000000	1.0000000
## 357622	-73.95565	40.68788	14.000000	1.0000000	1.0000000
## 357816	-73.80744	40.70956	9.000000	1.0000000	1.0000000
## 358232	-73.98019	40.66069	7.500000	1.0000000	1.0000000
## 358290	-73.92123	40.76713	14.000000	1.0000000	1.0000000
## 358573	-73.86860	40.75316	9.500000	1.0000000	1.0000000
## 358863	-73.97337	40.67751	5.500000	1.0000000	1.0000000
## 359261	-73.89980	40.73919	13.000000	1.0000000	1.0000000
## 359395	-73.95718	40.68782	13.500000	1.0000000	1.0000000
## 359426	-74.00631	40.71920	26.000000	1.0000000	1.0000000
## 359537	-73.96109	40.67700	14.500000	1.0000000	1.0000000
## 360004	-73.92730	40.82339	14.000000	1.0000000	1.0000000
## 360091	-73.93939	40.80519	4.500000	1.0000000	1.0000000
## 360143	-73.90622	40.75710	8.000000	1.0000000	1.0000000
## 360265	-73.96655	40.76487	15.500000	1.0000000	1.0000000
## 360674	-73.85287	40.74006	6.000000	1.0000000	1.0000000
## 360693	-73.93295	40.85589	7.000000	1.0000000	1.0000000
## 360822	-73.95281	40.77852	10.000000	1.0000000	1.0000000
## 360929	-73.97828	40.68699	6.500000	1.0000000	1.0000000
## 361304	-73.95553	40.65238	17.500000	1.0000000	1.0000000
## 362052	-73.88348	40.74324	4.000000	1.0000000	1.0000000
## 362220	-73.95150	40.80705	9.000000	1.0000000	1.0000000
## 362656	-73.90141	40.77555	7.500000	1.0000000	1.0000000
## 363679	-73.87116	40.73936	5.500000	1.0000000	1.0000000
## 363922	-73.95258	40.73640	20.000000	1.0000000	1.0000000
## 364085	-73.95488	40.80338	7.000000	0.5000000	1.0000000
## 364291	-73.95954	40.81375	6.000000	0.5000000	1.0000000
## 364782	-73.88100	40.86152	28.000000	0.5000000	1.0000000
## 365008	-73.98669	40.69176	6.000000	0.5000000	1.0000000
## 365163	-73.94859	40.80339	7.500000	0.5000000	1.0000000
## 365210	-73.93514	40.84653	13.000000	0.5000000	1.0000000
## 365287	-73.95457	40.68164	4.000000	0.5000000	1.0000000
## 365927	-73.98380	40.76617	21.000000	0.5000000	1.0000000
## 365947	-73.89299	40.86188	10.000000	0.5000000	1.0000000
## 366224	-73.92199	40.76038	4.500000	0.5000000	1.0000000
## 366446	-73.81143	40.66882	14.000000	0.5000000	1.0000000
## 366994	-73.98000	40.79063	10.500000	0.5000000	1.0000000
## 367486	-73.98714	40.66805	6.500000	0.5000000	1.0000000
## 368066	-73.91260	40.76826	13.500000	0.5000000	1.0000000
## 368519	-73.94223	40.71461	6.000000	0.5000000	1.0000000
## 368787	-73.97647	40.64331	8.500000	0.5000000	1.0000000
## 368963	-73.97207	40.64547	13.500000	0.5000000	1.0000000
## 369484	-73.95341	40.77557	15.000000	0.5000000	1.0000000
## 370159	-73.95660	40.76697	25.000000	0.5000000	1.0000000

## 370778	-73.92825	40.76931	3.500000	0.5000000	1.0000000
## 370844	-73.88970	40.76460	9.500000	0.5000000	1.0000000
## 371522	-73.94186	40.81807	6.000000	0.5000000	1.0000000
## 371902	-73.93562	40.67881	8.500000	0.5000000	1.0000000
## 372098	-73.91055	40.77620	7.500000	0.5000000	1.0000000
## 372141	-73.95530	40.73664	5.500000	0.5000000	1.0000000
## 372855	-73.94003	40.82898	5.000000	0.5000000	1.0000000
## 372892	-73.93982	40.79811	4.500000	0.5000000	1.0000000
## 372893	-73.93202	40.66314	11.000000	0.5000000	1.0000000
## 373682	-73.85809	40.83730	21.500000	0.5000000	1.0000000
## 373737	-73.94169	40.71386	5.500000	0.5000000	1.0000000
## 373875	-73.97260	40.63360	11.000000	1.0000000	1.0000000
## 374633	-73.94907	40.69390	9.500000	0.5000000	1.0000000
## 374996	-73.95767	40.71789	5.000000	0.5000000	1.0000000
## 375105	-73.91503	40.69067	18.500000	0.5000000	1.0000000
## 375149	-73.97388	40.65680	5.500000	0.5000000	1.0000000
## 375189	-73.98770	40.71993	24.000000	0.5000000	1.0000000
## 375593	-73.92870	40.76037	4.000000	0.5000000	1.0000000
## 375644	-73.91010	40.83235	10.000000	0.0000000	0.0000000
## 375832	-73.92692	40.68223	9.000000	0.5000000	1.0000000
## 376202	-73.94471	40.80310	4.500000	0.5000000	1.0000000
## 376661	-73.89551	40.83512	13.500000	0.5000000	1.0000000
## 376762	-73.90981	40.66979	19.000000	0.5000000	1.0000000
## 376895	-73.92263	40.74535	26.000000	0.5000000	1.0000000
## 376905	-73.97024	40.68473	0.000000	0.0000000	0.0000000
## 376956	-73.91695	40.80559	11.500000	0.5000000	1.0000000
## 377303	-73.93094	40.86010	11.000000	0.5000000	1.0000000
## 377359	-73.93456	40.69106	5.000000	0.5000000	1.0000000
## 377436	-73.98826	40.68343	14.500000	0.5000000	1.0000000
## 377590	-73.85528	40.72477	5.500000	0.5000000	1.0000000
## 377796	-73.96791	40.63964	26.000000	0.0000000	0.0000000
## 377919	-73.88248	40.76044	7.000000	0.5000000	1.0000000
## 378197	-73.87624	40.73607	7.000000	0.5000000	1.0000000
## 378406	-73.95192	40.81305	8.000000	0.5000000	1.0000000
## 379129	-73.95483	40.79989	4.500000	0.5000000	1.0000000
## 379387	-73.95264	40.81060	7.500000	0.5000000	1.0000000
## 379535	-73.90442	40.69335	8.000000	0.5000000	1.0000000
## 379838	-73.97017	40.63072	24.500000	0.5000000	1.0000000
## 380339	-73.95798	40.73277	5.000000	0.5000000	1.0000000
## 380387	-73.92108	40.74327	8.500000	0.5000000	1.0000000
## 380657	-73.99615	40.66233	8.500000	0.5000000	1.0000000
## 380692	-73.95013	40.72263	6.000000	0.5000000	1.0000000
## 380815	-73.98711	40.69466	3.000000	0.5000000	1.0000000
## 381177	-73.85724	40.72725	12.000000	0.5000000	1.0000000
## 381558	-73.88451	40.75070	6.500000	0.5000000	1.0000000
## 381576	-73.90352	40.74265	10.500000	0.5000000	1.0000000
## 381584	-73.94292	40.79077	5.000000	0.5000000	1.0000000
## 381752	-73.92728	40.81880	12.500000	0.5000000	1.0000000
## 381915	-73.88815	40.73973	4.000000	0.5000000	1.0000000
## 381980	-73.88739	40.74573	9.500000	0.5000000	1.0000000
## 382062	-73.93234	40.77326	7.500000	0.5000000	1.0000000
## 382578	-73.87387	40.74023	6.500000	0.5000000	1.0000000
## 382674	-73.95535	40.71445	6.000000	0.5000000	1.0000000
## 382817	-73.89110	40.74649	8.000000	0.5000000	1.0000000
## 382949	-73.97968	40.68262	6.000000	0.5000000	1.0000000
## 384120	-73.95528	40.69013	9.500000	0.5000000	1.0000000
## 384296	-73.95856	40.72117	14.500000	0.5000000	1.0000000
## 384438	-73.95078	40.72383	17.000000	0.5000000	1.0000000
## 384827	-73.91563	40.78140	14.000000	0.5000000	1.0000000
## 384925	-73.98927	40.69318	13.500000	0.5000000	1.0000000
## 385393	-73.94395	40.83608	12.000000	0.5000000	1.0000000
## 385762	-73.78709	40.91607	44.000000	0.5000000	1.0000000
## 385964	-73.93056	40.69032	15.000000	0.5000000	1.0000000
## 386792	-73.99745	40.74671	22.500000	0.5000000	1.0000000

## 386813	-73.91298	40.76098	4.500000	0.5000000	1.0000000
## 386833	-73.98937	40.68865	7.000000	0.5000000	1.0000000
## 387196	-73.87722	40.75284	10.000000	0.5000000	1.0000000
## 387230	-73.86216	40.85081	45.000000	0.0000000	0.0000000
## 387309	-73.89659	40.74626	4.500000	0.5000000	1.0000000
## 387647	-73.91881	40.75920	7.500000	0.5000000	1.0000000
## 387822	-73.91104	40.69229	14.000000	0.5000000	1.0000000
## 388074	-73.98947	40.71960	10.000000	0.5000000	1.0000000
## 388942	-73.95805	40.72992	12.500000	0.5000000	1.0000000
## 388966	-73.94083	40.71225	8.000000	0.5000000	1.0000000
## 389122	-73.93071	40.69225	9.000000	0.5000000	1.0000000
## 389302	-73.88196	40.73479	7.000000	0.5000000	1.0000000
## 389871	-73.98122	40.74463	18.000000	0.5000000	1.0000000
## 389979	-73.87912	40.74378	5.000000	0.5000000	1.0000000
## 390709	-73.93392	40.69568	6.000000	0.0000000	1.0000000
## 391273	-73.95368	40.78043	6.000000	0.0000000	1.0000000
## 391434	-73.95107	40.79111	20.500000	0.0000000	1.0000000
## 391714	-73.96754	40.68015	4.500000	0.0000000	1.0000000
## 392363	-73.93802	40.85089	5.500000	0.0000000	1.0000000
## 392673	-73.93952	40.80446	4.500000	0.0000000	1.0000000
## 392731	-73.94962	40.78532	6.500000	0.0000000	1.0000000
## 393086	-73.91033	40.89994	20.000000	0.0000000	0.0000000
## 393098	-73.78220	40.64424	34.000000	0.0000000	1.0000000
## 393353	-73.94537	40.81440	4.500000	0.0000000	1.0000000
## 393679	-73.88860	40.73911	5.000000	0.0000000	1.0000000
## 394209	-73.77608	40.66788	14.500000	0.0000000	1.0000000
## 394487	-74.00449	40.75677	21.000000	0.0000000	1.0000000
## 395264	-73.94157	40.83106	8.000000	0.0000000	1.0000000
## 395268	-73.87656	40.74796	19.000000	0.0000000	1.0000000
## 395457	-73.94220	40.67120	10.000000	0.0000000	1.0000000
## 395913	-73.93258	40.79981	6.000000	0.0000000	1.0000000
## 395960	-73.93996	40.81123	10.500000	0.0000000	1.0000000
## 395990	-73.99153	40.68071	5.000000	0.0000000	1.0000000
## 396114	-73.92449	40.66108	7.500000	0.0000000	1.0000000
## 396835	-73.91850	40.74401	5.000000	0.0000000	1.0000000
## 397509	-73.92941	40.83460	5.500000	0.0000000	1.0000000
## 397517	-73.88944	40.75891	7.000000	0.0000000	1.0000000
## 397795	-73.98099	40.77919	28.000000	0.0000000	1.0000000
## 397993	-73.93304	40.75657	6.500000	0.0000000	1.0000000
## 399122	-73.94155	40.70028	2.500000	0.0000000	1.0000000
## 399301	-73.99598	40.69493	6.000000	0.0000000	1.0000000
## 399417	-73.96670	40.80343	6.500000	0.0000000	1.0000000
## 399777	-73.97543	40.78535	7.000000	0.0000000	1.0000000
## 399990	-73.97539	40.79381	8.000000	0.0000000	1.0000000
## 400044	-73.88251	40.74291	3.500000	0.0000000	1.0000000
## 400543	-73.94699	40.80584	8.500000	0.0000000	1.0000000
## 401101	-73.96857	40.67294	9.000000	0.0000000	1.0000000
## 401148	-73.99232	40.69776	3.500000	0.0000000	1.0000000
## 401247	-73.97646	40.67331	10.500000	0.0000000	1.0000000
## 401976	-73.92398	40.74399	15.000000	0.0000000	1.0000000
## 402008	-73.94642	40.81909	6.500000	0.0000000	1.0000000
## 402188	-73.97752	40.67864	5.000000	0.0000000	1.0000000
## 402205	-73.88699	40.74485	9.500000	0.0000000	1.0000000
## 402297	-73.90741	40.75617	9.000000	0.0000000	1.0000000
## 402359	-73.96860	40.79923	8.500000	0.0000000	1.0000000
## 402431	-73.95910	40.74372	10.500000	0.0000000	1.0000000
## 402481	-73.99385	40.72049	20.000000	0.0000000	1.0000000
## 404045	-73.95324	40.68035	5.000000	0.0000000	1.0000000
## 404057	-73.95240	40.72519	15.500000	0.0000000	1.0000000
## 404186	-73.85490	40.70274	16.500000	0.0000000	1.0000000
## 404230	-73.99120	40.74390	14.500000	0.0000000	1.0000000
## 404282	-73.94580	40.81454	7.000000	0.0000000	1.0000000
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## 404690	-73.96434	40.80728	6.500000	0.0000000	1.0000000

## 405288	-73.80811	40.75126	8.500000	0.0000000	1.0000000
## 405621	-73.95578	40.80465	7.000000	0.0000000	1.0000000
## 406235	-73.95196	40.79327	5.500000	0.0000000	1.0000000
## 406788	-73.94275	40.83395	10.500000	0.0000000	1.0000000
## 406832	-73.76552	40.69951	9.954897	0.0000000	0.0000000
## 407229	-73.93651	40.84877	14.500000	0.0000000	1.0000000
## 407247	-73.96810	40.77117	9.000000	0.0000000	1.0000000
## 408134	-73.94632	40.77898	9.000000	0.0000000	1.0000000
## 408341	-73.92602	40.81596	55.000000	0.0000000	0.0000000
## 408347	-74.01723	40.63177	10.000000	0.0000000	0.0000000
## 409113	-73.94390	40.78855	17.000000	0.0000000	1.0000000
## 409198	-73.94527	40.80770	5.500000	0.0000000	1.0000000
## 409276	-73.96581	40.76621	13.500000	0.0000000	1.0000000
## 409487	-73.97656	40.68533	15.000000	0.0000000	1.0000000
## 409519	-73.81695	40.72673	12.500000	0.0000000	1.0000000
## 409603	-73.92353	40.75582	8.000000	0.0000000	1.0000000
## 409810	-73.93910	40.80519	10.500000	0.0000000	1.0000000
## 409989	-73.88669	40.74734	11.500000	0.0000000	1.0000000
## 411148	-73.94850	40.75129	5.500000	0.0000000	1.0000000
## 411550	-73.94813	40.82634	7.000000	0.0000000	1.0000000
## 411769	-73.95650	40.69081	6.500000	0.0000000	1.0000000
## 412277	-73.89015	40.86934	25.000000	0.0000000	0.0000000
## 412444	-73.92197	40.82331	10.500000	0.0000000	1.0000000
## 412497	-73.87558	40.74371	4.000000	0.0000000	1.0000000
## 412987	-73.81768	40.68479	7.500000	0.0000000	1.0000000
## 414123	-73.97275	40.67028	4.000000	0.0000000	1.0000000
## 414167	-73.88480	40.76329	8.000000	0.0000000	1.0000000
## 414490	-73.96005	40.77028	8.500000	0.0000000	1.0000000
## 415052	-73.93252	40.80014	2.500000	0.0000000	1.0000000
## 415354	-73.95633	40.71416	6.000000	0.0000000	1.0000000
## 415439	-73.95289	40.71832	16.500000	0.0000000	1.0000000
## 415589	-73.93781	40.67701	8.500000	0.0000000	1.0000000
## 415805	-73.94428	40.82798	8.500000	0.0000000	1.0000000
## 416614	-73.90008	40.77128	9.500000	0.0000000	1.0000000
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## 417810	-73.85890	40.90464	24.000000	0.0000000	1.0000000
## 417886	-73.99467	40.71914	10.000000	0.0000000	1.0000000
## 418799	-73.94976	40.67783	12.500000	0.0000000	1.0000000
## 419906	-73.99023	40.75252	30.000000	0.0000000	1.0000000
## 420688	-73.91348	40.78157	4.000000	0.5000000	1.0000000
## 420696	-73.99456	40.70301	3.500000	0.5000000	1.0000000
## 421456	-73.91507	40.75284	8.500000	0.5000000	1.0000000
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## 422151	-73.95617	40.72133	4.000000	0.5000000	1.0000000
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## 422840	-74.00797	40.65748	18.500000	0.5000000	1.0000000
## 422841	-73.95265	40.74318	5.500000	0.5000000	1.0000000
## 422898	-73.95978	40.72001	8.500000	0.5000000	1.0000000
## 423150	-73.91080	40.76223	10.000000	0.5000000	1.0000000
## 423226	-73.95009	40.77992	9.000000	0.5000000	1.0000000
## 423910	-73.96069	40.67678	10.000000	0.5000000	1.0000000
## 423981	-73.97392	40.79123	7.500000	0.5000000	1.0000000
## 424110	-73.92287	40.76081	4.500000	0.5000000	1.0000000
## 424324	-73.94211	40.81234	6.000000	0.5000000	1.0000000
## 424341	-73.95279	40.76899	13.500000	0.5000000	1.0000000
## 424898	-73.94117	40.80798	7.500000	0.5000000	1.0000000
## 426297	-73.94907	40.79662	6.000000	0.5000000	1.0000000
## 426478	-73.91649	40.77305	7.000000	0.5000000	1.0000000
## 426719	-73.98286	40.76348	22.500000	0.5000000	1.0000000
## 427382	-73.97617	40.76220	15.500000	0.5000000	1.0000000
## 427433	-73.94084	40.72081	6.500000	0.5000000	1.0000000
## 427703	-73.86708	40.76182	7.000000	0.5000000	1.0000000

## 428170	-74.00200	40.72685	18.000000	0.5000000	1.0000000
## 428268	-73.99566	40.69581	9.000000	0.5000000	1.0000000
## 428367	-73.93262	40.69547	10.000000	0.5000000	1.0000000
## 428498	-73.94939	40.80688	4.000000	0.5000000	1.0000000
## 429134	-73.95052	40.69748	17.000000	0.5000000	1.0000000
## 429208	-73.98889	40.69319	6.000000	0.5000000	1.0000000
## 429388	-73.97878	40.76567	19.500000	0.5000000	1.0000000
## 429556	-73.95013	40.72263	5.500000	0.5000000	1.0000000
## 429739	-73.91498	40.76037	8.500000	0.5000000	1.0000000
## 430121	-73.98772	40.71622	20.000000	0.5000000	1.0000000
## 430645	-73.87999	40.75428	21.500000	0.5000000	1.0000000
## 430801	-73.94572	40.63879	23.500000	0.5000000	1.0000000
## 430864	-73.95524	40.80432	4.000000	0.5000000	1.0000000
## 430890	-73.95335	40.78252	6.500000	0.5000000	1.0000000
## 431054	-73.92941	40.73777	7.500000	0.5000000	1.0000000
## 431273	-73.94917	40.80512	6.500000	0.5000000	1.0000000
## 431275	-73.93739	40.83747	10.500000	0.5000000	1.0000000
## 431762	-73.91202	40.70797	13.500000	0.5000000	1.0000000
## 432207	-73.94623	40.69510	27.500000	0.5000000	1.0000000
## 432264	-73.88574	40.73608	7.000000	0.5000000	1.0000000
## 432269	-73.98473	40.68613	7.500000	0.5000000	1.0000000
## 434247	-73.92455	40.76286	16.500000	0.5000000	1.0000000
## 435565	-73.99460	40.68058	4.000000	0.5000000	1.0000000
## 435746	-73.94745	40.67516	12.500000	0.5000000	1.0000000
## 435754	-73.85968	40.71954	5.500000	0.5000000	1.0000000
## 436591	-73.98014	40.73891	23.500000	0.5000000	1.0000000
## 436715	-73.95049	40.71469	4.500000	0.5000000	1.0000000
## 436837	-74.02675	40.62092	30.000000	0.5000000	1.0000000
## 437397	-73.89175	40.68128	46.500000	0.5000000	1.0000000
## 437488	-73.86362	40.56850	54.000000	0.0000000	0.0000000
## 437825	-73.99618	40.69862	8.000000	0.5000000	1.0000000
## 438518	-73.85962	40.73317	8.000000	0.5000000	1.0000000
## 438819	-73.87965	40.74818	9.000000	0.5000000	1.0000000
## 438896	-73.95477	40.73664	9.000000	0.5000000	1.0000000
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## 440279	-73.93955	40.67909	9.500000	0.5000000	1.0000000
## 440545	-73.99166	40.75615	20.000000	0.5000000	1.0000000
## 440633	-73.96043	40.67390	14.000000	0.5000000	1.0000000
## 441067	-73.82043	40.78169	22.500000	0.5000000	1.0000000
## 441199	-73.90364	40.85223	0.000000	0.0000000	0.0000000
## 441214	-73.94673	40.60959	29.500000	0.5000000	1.0000000
## 441417	-73.89832	40.73141	13.500000	0.5000000	1.0000000
## 441452	-73.94521	40.80820	4.000000	0.5000000	1.0000000
## 442229	-73.95100	40.68696	11.500000	0.5000000	1.0000000
## 443000	-73.99633	40.76491	22.500000	0.5000000	1.0000000
## 443705	-73.85935	40.75761	11.000000	0.5000000	1.0000000
## 443928	-74.00529	40.65379	12.000000	0.5000000	1.0000000
## 443975	-73.95448	40.77486	27.000000	0.5000000	1.0000000
## 444271	-73.95030	40.81133	4.500000	0.5000000	1.0000000
## 444520	-73.87442	40.74366	5.500000	0.5000000	1.0000000
## 444606	-73.96045	40.68520	13.000000	0.5000000	1.0000000
## 444765	-73.87398	40.74032	6.000000	0.5000000	1.0000000
## 444870	-73.88400	40.74550	6.000000	0.5000000	1.0000000
## 444901	-73.94205	40.81737	5.000000	0.5000000	1.0000000
## 445300	-73.94048	40.79731	18.500000	0.5000000	1.0000000
## 445597	-73.95365	40.70691	4.500000	0.5000000	1.0000000
## 445930	-73.97871	40.67893	5.000000	0.5000000	1.0000000
## 446060	-73.89320	40.86520	51.000000	0.5000000	1.0000000
## 446247	-73.91034	40.74566	7.500000	0.5000000	1.0000000
## 447342	-73.95281	40.80424	4.000000	0.5000000	1.0000000
## 447577	-73.91144	40.76828	3.500000	0.5000000	1.0000000
## 447732	-73.85452	40.82623	19.500000	0.5000000	1.0000000
## 447806	-73.85890	40.69215	18.500000	0.5000000	1.0000000
## 447870	-73.87004	40.75374	5.000000	0.5000000	1.0000000

## 447907	-73.94501	40.83375	4.500000	0.5000000	1.0000000
## 447933	-73.98378	40.68057	9.000000	0.5000000	1.0000000
## 448244	-73.86856	40.74786	10.000000	0.5000000	1.0000000
## 448531	-73.86472	40.73433	9.500000	0.5000000	1.0000000
## 448551	-73.94393	40.71749	4.000000	0.5000000	1.0000000
## 448630	-73.91310	40.82330	5.000000	0.5000000	1.0000000
## 448976	-73.95889	40.70869	6.000000	0.5000000	1.0000000
## 449190	-73.93909	40.84388	8.500000	0.5000000	1.0000000
## 449220	-73.85799	40.75184	8.500000	0.5000000	1.0000000
## 449471	-73.91646	40.83113	7.000000	0.5000000	1.0000000
## 449855	-73.89298	40.74495	8.500000	0.5000000	1.0000000
## 450013	-73.94946	40.59446	10.000000	0.5000000	1.0000000
## 450310	-73.90691	40.76014	7.500000	0.5000000	1.0000000
## 450361	-73.87767	40.76002	9.000000	0.5000000	1.0000000
## 450423	-73.86573	40.73656	7.500000	0.0000000	1.0000000
## 450466	-73.85662	40.83046	3.500000	0.0000000	1.0000000
## 450702	-73.97768	40.76492	27.000000	0.0000000	1.0000000
## 450841	-73.80312	40.69255	4.000000	0.0000000	1.0000000
## 451004	-73.95568	40.74523	26.500000	0.0000000	1.0000000
## 451030	-73.94899	40.79420	8.500000	0.0000000	1.0000000
## 451568	-73.90196	40.87247	4.000000	0.0000000	1.0000000
## 451962	-73.85201	40.72868	17.000000	0.0000000	1.0000000
## 452955	-73.91918	40.81092	12.000000	0.0000000	1.0000000
## 453009	-74.01514	40.71428	30.500000	0.0000000	1.0000000
## 453225	-73.99401	40.68625	6.500000	0.0000000	1.0000000
## 453698	-73.96307	40.71663	6.000000	0.0000000	1.0000000
## 453981	-73.96098	40.76644	9.500000	0.0000000	1.0000000
## 454139	-73.96918	40.79456	5.500000	0.0000000	1.0000000
## 454162	-73.89035	40.74635	9.500000	0.0000000	1.0000000
## 454166	-73.85606	40.74374	8.500000	0.0000000	1.0000000
## 454641	-73.87119	40.73406	6.500000	0.0000000	1.0000000
## 455118	-73.98402	40.66803	7.500000	0.0000000	1.0000000
## 455351	-73.96584	40.75855	10.500000	0.0000000	1.0000000
## 455537	-73.97324	40.68959	4.500000	0.0000000	1.0000000
## 456283	-73.97118	40.68508	11.000000	0.0000000	1.0000000
## 456290	-73.99807	40.68670	9.500000	0.0000000	1.0000000
## 456449	-73.87343	40.77426	11.000000	0.0000000	1.0000000
## 456537	-73.73537	40.65585	26.500000	0.0000000	1.0000000
## 456891	-74.00288	40.75539	24.500000	0.0000000	1.0000000
## 456897	-73.91360	40.66025	15.000000	0.0000000	1.0000000
## 457385	-73.98417	40.72172	20.500000	0.0000000	1.0000000
## 457591	-73.90965	40.66923	8.000000	0.0000000	1.0000000
## 457785	-73.98221	40.67410	5.500000	0.0000000	1.0000000
## 457800	-73.91839	40.83133	12.000000	0.0000000	1.0000000
## 457955	-73.99567	40.69520	5.500000	0.0000000	1.0000000
## 458304	-73.94047	40.68957	7.000000	0.0000000	1.0000000
## 458811	-73.97846	40.66706	10.500000	0.0000000	1.0000000
## 458827	-73.98171	40.74383	23.500000	0.0000000	1.0000000
## 458930	-73.94849	40.70969	6.000000	0.0000000	1.0000000
## 459427	-73.99260	40.69747	6.000000	0.0000000	1.0000000
## 459833	-73.97682	40.74343	9.500000	0.0000000	1.0000000
## 460707	-73.96444	40.66596	8.000000	0.0000000	1.0000000
## 460832	-73.95632	40.76787	8.500000	0.0000000	1.0000000
## 461463	-73.98685	40.68918	11.500000	0.0000000	1.0000000
## 461793	-73.93905	40.80509	5.500000	0.0000000	1.0000000
## 461887	-73.97495	40.75039	22.500000	0.0000000	1.0000000
## 461919	-73.99052	40.75655	27.000000	0.0000000	1.0000000
## 462113	-73.79475	40.70551	8.500000	0.0000000	1.0000000
## 462816	-73.93462	40.85226	8.000000	0.0000000	1.0000000
## 463178	-73.94353	40.81542	6.000000	0.0000000	1.0000000
## 463179	-73.88328	40.83763	4.500000	0.0000000	1.0000000
## 463334	-73.96738	40.75258	27.500000	0.0000000	1.0000000
## 463498	-73.95420	40.78416	6.500000	0.5000000	1.0000000
## 463545	-73.91650	40.77304	5.500000	0.0000000	1.0000000

## 463704	-73.93559	40.83295	7.500000	0.0000000	1.0000000
## 463760	-73.95683	40.72009	15.000000	0.0000000	1.0000000
## 464305	-73.78841	40.68592	7.500000	0.0000000	1.0000000
## 464331	-73.87074	40.75148	9.500000	0.0000000	1.0000000
## 464676	-73.88755	40.73026	12.500000	0.0000000	1.0000000
## 465099	-73.81361	40.71074	27.500000	0.0000000	1.0000000
## 465108	-73.97263	40.69661	9.500000	0.0000000	1.0000000
## 465377	-73.93311	40.68371	12.000000	0.0000000	1.0000000
## 465560	-73.94051	40.70174	19.000000	0.0000000	1.0000000
## 465609	-73.97607	40.75173	27.500000	0.0000000	1.0000000
## 466226	-73.96236	40.67348	15.000000	0.0000000	1.0000000
## 466794	-73.85555	40.75352	10.500000	0.0000000	1.0000000
## 466852	-73.86018	40.74349	8.500000	0.0000000	1.0000000
## 466864	-73.97881	40.73104	15.000000	0.0000000	1.0000000
## 467963	-73.81924	40.71021	8.000000	0.0000000	1.0000000
## 468563	-73.90440	40.77092	21.000000	0.0000000	1.0000000
## 468725	-73.96056	40.77263	10.500000	0.0000000	1.0000000
## 468749	-73.97171	40.69743	6.500000	0.0000000	1.0000000
## 469058	-73.89803	40.74416	6.000000	0.0000000	1.0000000
## 469262	-73.99317	40.68214	7.000000	0.0000000	1.0000000
## 469274	-73.89706	40.73078	8.000000	0.0000000	1.0000000
## 469495	-73.86983	40.74913	7.500000	0.0000000	1.0000000
## 469801	-73.94993	40.80209	6.500000	0.0000000	1.0000000
## 469883	-73.92233	40.84654	8.000000	0.0000000	1.0000000
## 469938	-73.91138	40.69794	16.500000	0.0000000	1.0000000
## 471197	-73.95907	40.68450	12.000000	1.0000000	1.0000000
## 471859	-73.97529	40.75218	13.500000	0.0000000	1.0000000
## 474142	-73.92136	40.73232	5.500000	0.0000000	1.0000000
## 474294	-73.94838	40.77314	12.000000	0.0000000	1.0000000
## 475009	-73.86813	40.75219	9.500000	0.0000000	1.0000000
## 475395	-73.99199	40.69043	13.000000	0.0000000	1.0000000
## 475423	-73.90890	40.77906	8.000000	0.0000000	1.0000000
## 475602	-73.96282	40.79404	8.000000	0.0000000	1.0000000
## 476598	-73.98618	40.67091	6.000000	0.5000000	1.0000000
## 476603	-73.92800	40.67170	12.500000	0.5000000	1.0000000
## 476663	-73.82381	40.76629	6.000000	0.5000000	1.0000000
## 476690	-73.92803	40.77653	13.500000	0.0000000	1.0000000
## 476799	-73.96841	40.69614	10.500000	0.5000000	1.0000000
## 477052	-73.79226	40.70200	7.000000	0.5000000	1.0000000
## 477207	-73.98046	40.67660	23.000000	0.5000000	1.0000000
## 477558	-73.94228	40.70063	8.000000	0.5000000	1.0000000
## 477682	-73.95418	40.76712	9.500000	0.5000000	1.0000000
## 478615	-73.90756	40.76953	13.000000	0.5000000	1.0000000
## 479034	-73.94894	40.69405	11.000000	0.5000000	1.0000000
## 479043	-73.89699	40.75426	22.500000	0.5000000	1.0000000
## 479183	-73.80556	40.68956	5.500000	0.5000000	1.0000000
## 479229	-73.98369	40.67609	6.000000	0.5000000	1.0000000
## 479459	-73.99749	40.67460	6.000000	0.5000000	1.0000000
## 479807	-73.93639	40.84534	13.500000	0.5000000	1.0000000
## 479961	-73.92716	40.73856	12.000000	0.5000000	1.0000000
## 480078	-73.88914	40.75537	12.000000	0.5000000	1.0000000
## 481068	-73.93978	40.68524	14.500000	0.5000000	1.0000000
## 481206	-73.95308	40.81462	4.500000	0.5000000	1.0000000
## 481694	-73.98635	40.70369	10.000000	0.5000000	1.0000000
## 482006	-73.92841	40.83055	6.000000	0.5000000	1.0000000
## 482228	-73.90580	40.77198	4.000000	0.5000000	1.0000000
## 482528	-73.96562	40.80072	8.000000	0.5000000	1.0000000
## 482568	-73.91556	40.82085	11.500000	0.5000000	1.0000000
## 482646	-73.90664	40.81926	9.000000	0.5000000	1.0000000
## 482674	-73.95060	40.80562	5.500000	0.5000000	1.0000000
## 483017	-74.00098	40.74887	23.000000	0.5000000	1.0000000
## 483299	-73.90935	40.77862	29.500000	0.5000000	1.0000000
## 483474	-73.98389	40.67392	7.500000	0.5000000	1.0000000
## 483535	-73.80224	40.71410	7.500000	0.5000000	1.0000000

## 483756	-73.97977	40.72367	10.000000	0.5000000	1.0000000
## 483776	-73.91854	40.86440	15.000000	0.5000000	1.0000000
## 483828	-73.91932	40.69346	13.500000	0.5000000	1.0000000
## 484394	-73.86461	40.85867	22.000000	0.5000000	1.0000000
## 484632	-73.92077	40.68742	13.000000	0.5000000	1.0000000
## 484665	-73.95207	40.74283	7.500000	0.5000000	1.0000000
## 484800	-74.02526	40.61955	20.000000	0.5000000	1.0000000
## 485584	-73.95482	40.66441	14.500000	0.5000000	1.0000000
## 485588	-73.87672	40.72965	4.500000	0.5000000	1.0000000
## 485694	-73.97321	40.67781	41.000000	0.5000000	1.0000000
## 485745	-73.79201	40.66763	13.500000	0.5000000	1.0000000
## 486346	-73.88422	40.74759	4.500000	0.5000000	1.0000000
## 486791	-73.96103	40.81016	3.000000	0.5000000	1.0000000
## 486874	-73.86707	40.76885	10.000000	0.5000000	1.0000000
## 486911	-74.01043	40.71842	17.500000	0.5000000	1.0000000
## 487035	-73.97812	40.67098	31.000000	0.5000000	1.0000000
## 487087	-73.92561	40.70801	15.500000	0.5000000	1.0000000
## 487714	-73.94752	40.74814	4.500000	0.5000000	1.0000000
## 487769	-73.83025	40.71370	27.000000	0.5000000	1.0000000
## 487916	-74.01998	40.64617	21.500000	0.0000000	1.0000000
## 488042	-73.91973	40.66966	11.000000	0.0000000	1.0000000
## 488059	-73.93275	40.75202	5.000000	0.0000000	1.0000000
## 488840	-73.95619	40.74361	11.500000	0.0000000	1.0000000
## 489145	-73.94155	40.80467	8.000000	0.0000000	1.0000000
## 489294	-73.93619	40.83087	11.500000	0.0000000	1.0000000
## 489329	-73.97435	40.78356	15.500000	0.0000000	1.0000000
## 489354	-73.89184	40.82345	26.500000	0.0000000	1.0000000
## 489395	-73.98641	40.69225	6.500000	0.0000000	1.0000000
## 489402	-73.91386	40.78180	7.000000	0.0000000	1.0000000
## 490124	-73.96767	40.80237	8.000000	0.0000000	0.0000000
## 490140	-73.99299	40.74265	24.000000	0.0000000	1.0000000
## 490282	-73.97409	40.75864	23.000000	0.0000000	1.0000000
## 490284	-73.95780	40.71796	4.000000	0.0000000	1.0000000
## 490375	-73.86633	40.70921	8.000000	0.0000000	1.0000000
## 490673	-73.93932	40.76385	7.500000	0.0000000	1.0000000
## 490715	-73.91696	40.77086	6.000000	0.0000000	1.0000000
## 490942	-73.92049	40.75722	5.000000	0.0000000	1.0000000
## 490946	-73.98434	40.66824	4.500000	0.0000000	1.0000000
## 491169	-73.93926	40.80516	7.000000	0.0000000	1.0000000
## 491359	-73.97546	40.78178	21.000000	0.0000000	1.0000000
## 491628	-73.83862	40.85267	10.500000	0.0000000	1.0000000
## 491656	-73.96314	40.69338	7.000000	0.0000000	1.0000000
## 491981	-73.93560	40.85051	7.500000	0.0000000	1.0000000
## 492452	-73.98898	40.73953	19.000000	0.0000000	1.0000000
## 493836	-73.94928	40.82264	6.000000	0.0000000	1.0000000
## 494043	-73.95538	40.71990	3.500000	0.0000000	1.0000000
## 494163	-73.97018	40.76522	18.000000	0.0000000	1.0000000
## 494462	-73.97715	40.78616	13.000000	0.0000000	1.0000000
## 495036	-73.97200	40.79455	7.000000	0.0000000	1.0000000
## 495357	-73.92035	40.65449	15.000000	0.0000000	1.0000000
## 495417	-73.98855	40.72990	13.000000	0.0000000	1.0000000
## 495431	-73.99399	40.68175	3.000000	0.0000000	1.0000000
## 495552	-73.95492	40.78360	9.500000	0.0000000	1.0000000
## 495601	-73.99191	40.69341	7.000000	0.0000000	1.0000000
## 495746	-73.85423	40.75217	7.500000	0.0000000	1.0000000
## 496051	-73.96427	40.77024	14.500000	0.0000000	1.0000000
## 496145	-73.87827	40.74840	5.500000	0.0000000	1.0000000
## 496189	-73.93828	40.84324	7.000000	0.0000000	1.0000000
## 496268	-73.96999	40.76162	14.500000	0.0000000	1.0000000
## 496320	-73.88240	40.85641	11.000000	0.0000000	1.0000000
## 496412	-73.97392	40.76208	20.500000	0.0000000	1.0000000
## 496727	-73.99318	40.69281	6.500000	0.0000000	1.0000000
## 496929	-73.94121	40.83107	5.500000	0.0000000	1.0000000
## 497296	-73.94267	40.84156	18.500000	0.0000000	1.0000000

## 497487	-73.94212	40.82245	5.500000	0.0000000	1.0000000
## 497593	-73.93979	40.83505	3.000000	0.0000000	1.0000000
## 497875	-73.96327	40.71669	8.000000	0.0000000	1.0000000
## 498082	-73.99669	40.68020	0.000000	0.0000000	1.0000000
## 498117	-73.95348	40.79094	10.000000	0.0000000	1.0000000
## 498342	-73.98124	40.67526	5.500000	0.0000000	1.0000000
## 499103	-73.89127	40.74597	5.500000	0.0000000	1.0000000
## 499107	-73.81600	40.75676	6.000000	0.0000000	1.0000000
## 499307	-73.89856	40.73847	7.000000	0.0000000	1.0000000
## 499458	-73.87125	40.73408	28.800000	0.0000000	0.0000000
## 500391	-73.98898	40.66221	11.500000	0.0000000	1.0000000
## 500464	-74.01105	40.71595	9.000000	0.0000000	1.0000000
## 500677	-73.99921	40.71378	9.000000	0.0000000	1.0000000
## 501561	-73.97056	40.78881	9.500000	0.0000000	1.0000000
## 501830	-73.92336	40.69011	10.000000	0.0000000	1.0000000
## 501916	-73.93526	40.69474	6.000000	0.0000000	1.0000000
## 502177	-73.93760	40.65864	18.500000	0.0000000	1.0000000
## 502292	-73.90042	40.86896	21.500000	0.0000000	1.0000000
## 503311	-73.93539	40.84208	9.500000	0.0000000	1.0000000
## 503709	-73.94779	40.83532	3.500000	0.0000000	1.0000000
## 504092	-73.96096	40.81403	2.500000	0.0000000	1.0000000
## 504102	-73.94493	40.68469	12.500000	0.0000000	1.0000000
## 504363	-73.89848	40.86009	15.000000	0.0000000	1.0000000
## 504597	-73.94988	40.81204	5.500000	0.0000000	1.0000000
## 505100	-73.94362	40.82066	9.000000	0.0000000	1.0000000
## 505481	-73.93908	40.80555	15.000000	0.0000000	1.0000000
## 505864	-73.96208	40.65535	13.000000	0.0000000	1.0000000
## 506198	-73.84228	40.85007	15.500000	0.0000000	1.0000000
## 506526	-73.86414	40.82361	113.471832	0.0000000	1.0000000
## 506542	-73.98154	40.68557	56.000000	0.0000000	1.0000000
## 506560	-73.80303	40.70803	36.500000	0.0000000	1.0000000
## 506911	-73.87730	40.70225	11.500000	1.0000000	1.0000000
## 506955	-73.80016	40.70499	8.500000	1.0000000	1.0000000
## 507202	-73.94389	40.81524	6.500000	1.0000000	1.0000000
## 507342	-73.94202	40.72179	6.500000	1.0000000	1.0000000
## 508831	-73.99349	40.75091	23.000000	1.0000000	1.0000000
## 508892	-73.98706	40.73068	22.000000	0.0000000	1.0000000
## 508964	-73.92329	40.77152	5.000000	1.0000000	1.0000000
## 509165	-73.94656	40.79447	4.500000	1.0000000	1.0000000
## 509256	-73.87165	40.77396	11.000000	1.0000000	1.0000000
## 509677	-73.88155	40.75026	16.000000	1.0000000	1.0000000
## 509876	-73.91993	40.76633	5.500000	1.0000000	1.0000000
## 509975	-73.94773	40.77101	18.000000	1.0000000	1.0000000
## 510086	-73.98544	40.67025	4.000000	1.0000000	1.0000000
## 510185	-73.99242	40.69877	6.500000	1.0000000	1.0000000
## 510201	-73.84126	40.76876	19.000000	1.0000000	1.0000000
## 510818	-73.95274	40.78639	12.500000	1.0000000	1.0000000
## 511158	-73.89089	40.74295	8.500000	1.0000000	1.0000000
## 511523	-73.91183	40.75319	8.000000	1.0000000	1.0000000
## 511675	-73.95101	40.79926	4.500000	1.0000000	1.0000000
## 512812	-73.82433	40.72364	7.500000	1.0000000	1.0000000
## 513572	-73.89660	40.89438	24.000000	1.0000000	1.0000000
## 513594	-73.95560	40.71747	14.000000	1.0000000	1.0000000
## 513659	-73.96909	40.70916	7.500000	1.0000000	1.0000000
## 513861	-73.83186	40.68598	21.500000	1.0000000	1.0000000
## 514039	-73.98560	40.75012	19.000000	1.0000000	1.0000000
## 514818	-73.93681	40.84257	13.000000	1.0000000	1.0000000
## 514831	-73.97710	40.71423	21.500000	1.0000000	1.0000000
## 515143	-73.95197	40.81264	6.000000	1.0000000	1.0000000
## 515434	-73.81581	40.73198	11.000000	1.0000000	1.0000000
## 515470	-73.95815	40.76872	8.000000	1.0000000	1.0000000
## 515522	-73.80160	40.67822	10.000000	1.0000000	1.0000000
## 515829	-73.98512	40.74697	21.000000	1.0000000	1.0000000
## 516030	-73.92580	40.76740	7.000000	1.0000000	1.0000000

## 516106	-73.97991	40.67714	5.500000	1.0000000	1.0000000
## 516487	-73.94175	40.79890	4.000000	1.0000000	1.0000000
## 516627	-73.98868	40.72166	26.500000	1.0000000	1.0000000
## 516875	-73.99343	40.75977	21.500000	1.0000000	1.0000000
## 517097	-73.77911	40.67889	19.000000	1.0000000	1.0000000
## 517118	-73.82703	40.73133	11.500000	0.5000000	1.0000000
## 517594	-73.95918	40.77611	14.000000	1.0000000	1.0000000
## 517733	-73.91835	40.75985	5.500000	1.0000000	1.0000000
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## 517930	-73.95067	40.78622	6.500000	0.5000000	1.0000000
## 518164	-73.94876	40.68041	8.000000	0.5000000	1.0000000
## 518455	-73.95321	40.72803	5.000000	0.5000000	1.0000000
## 518806	-73.96130	40.80192	5.500000	0.5000000	1.0000000
## 518862	-73.95567	40.74543	12.500000	0.5000000	1.0000000
## 518986	-73.92095	40.75654	6.000000	0.5000000	1.0000000
## 519431	-73.89566	40.72925	7.500000	0.5000000	1.0000000
## 519746	-73.93492	40.85201	17.000000	0.5000000	1.0000000
## 519806	-73.84080	40.69625	6.000000	0.5000000	1.0000000
## 519970	-73.97823	40.79153	12.000000	0.5000000	1.0000000
## 520212	-73.89732	40.84549	12.000000	0.5000000	1.0000000
## 520393	-73.89607	40.73669	6.000000	0.5000000	1.0000000
## 520568	-73.93773	40.83277	8.000000	0.5000000	1.0000000
## 520950	-73.94965	40.76197	9.000000	0.5000000	1.0000000
## 522020	-73.98491	40.74479	18.500000	0.5000000	1.0000000
## 522400	-73.96353	40.67766	4.500000	0.5000000	1.0000000
## 522594	-73.90649	40.75339	6.500000	0.5000000	1.0000000
## 522830	-73.93615	40.79893	15.000000	0.5000000	1.0000000
## 523025	-73.95504	40.79989	4.500000	0.5000000	1.0000000
## 523124	-73.73771	40.73144	16.500000	0.5000000	1.0000000
## 523148	-73.98035	40.78339	11.500000	0.5000000	1.0000000
## 523168	-73.80453	40.68864	6.000000	0.5000000	1.0000000
## 523355	-73.94247	40.70073	5.000000	0.5000000	1.0000000
## 523359	-73.97633	40.78584	12.000000	0.5000000	1.0000000
## 523833	-73.78358	40.64892	34.000000	0.5000000	1.0000000
## 523856	-73.94998	40.71695	10.000000	0.5000000	1.0000000
## 524164	-73.95142	40.78442	8.000000	0.5000000	1.0000000
## 524176	-73.94966	40.67768	10.500000	0.5000000	1.0000000
## 524245	-73.97952	40.69621	5.000000	0.5000000	1.0000000
## 524348	-73.92950	40.85501	14.000000	0.5000000	1.0000000
## 524398	-73.94626	40.78046	8.000000	0.5000000	1.0000000
## 524714	-73.99400	40.69928	8.000000	0.5000000	1.0000000
## 524750	-73.96092	40.71684	6.000000	0.5000000	1.0000000
## 525189	-73.93405	40.77318	8.000000	0.5000000	1.0000000
## 525316	-73.97281	40.68969	5.500000	0.5000000	1.0000000
## 525713	-73.92915	40.77596	6.500000	0.5000000	1.0000000
## 525884	-73.93417	40.71355	5.500000	0.5000000	1.0000000
## 526231	-73.98891	40.66599	5.500000	0.5000000	1.0000000
## 526418	-73.88640	40.67938	14.000000	0.5000000	1.0000000
## 526443	-73.94482	40.82383	6.000000	0.5000000	1.0000000
## 526614	-73.91888	40.82299	5.500000	0.5000000	1.0000000
## 526971	-73.98996	40.74656	18.000000	0.5000000	1.0000000
## 527179	-73.80447	40.69348	43.500000	0.5000000	1.0000000
## 527230	-73.89106	40.73915	7.500000	0.5000000	1.0000000
## 527372	-73.93650	40.66371	8.000000	0.5000000	1.0000000
## 527531	-73.89421	40.85671	5.000000	0.5000000	1.0000000
## 527564	-73.92348	40.75880	15.000000	0.5000000	1.0000000
## 527614	-73.95054	40.66957	14.000000	0.5000000	1.0000000
## 527772	-73.89124	40.74689	3.500000	0.5000000	1.0000000
## 527892	-73.96678	40.63898	11.000000	0.5000000	1.0000000
## 528373	-73.86664	40.77135	9.500000	0.5000000	1.0000000
## 528454	-73.96783	40.80039	33.000000	0.5000000	1.0000000
## 528914	-73.87519	40.74680	15.000000	0.5000000	1.0000000
## 528960	-73.78085	40.74212	24.000000	0.5000000	1.0000000
## 528992	-73.99158	40.74918	13.000000	0.5000000	1.0000000

## 529338	-73.94226	40.75428	6.000000	0.000000	1.000000
## 530073	-73.97816	40.77320	10.000000	0.000000	1.000000
## 530124	-73.95876	40.61820	15.000000	0.000000	1.000000
## 530273	-74.01313	40.71485	19.500000	0.000000	1.000000
## 530924	-74.00184	40.70936	30.000000	0.000000	1.000000
## 531145	-73.92155	40.80883	7.500000	0.000000	1.000000
## 531379	-73.98367	40.67232	4.000000	0.000000	1.000000
## 531718	-73.94104	40.84167	5.000000	0.000000	1.000000
## 531787	-73.91182	40.77536	6.500000	0.000000	1.000000
## 532591	-73.87399	40.77301	6.000000	0.000000	1.000000
## 532828	-73.97218	40.67463	14.000000	0.000000	1.000000
## 532939	-73.94831	40.79269	10.000000	0.000000	1.000000
## 533273	-73.93209	40.74084	8.000000	0.000000	1.000000
## 533383	-73.95224	40.74280	13.500000	0.000000	1.000000
## 533628	-73.89404	40.66512	5.000000	0.000000	1.000000
## 533695	-73.95739	40.72320	6.000000	0.000000	1.000000
## 533955	-73.84368	40.76173	10.500000	0.000000	1.000000
## 534379	-73.93715	40.81053	7.000000	0.000000	1.000000
## 534397	-74.08366	40.64284	65.000000	0.000000	0.000000
## 535291	-73.95334	40.79118	23.500000	0.000000	1.000000
## 536821	-73.98214	40.67853	7.500000	0.000000	1.000000
## 536838	-73.95365	40.71403	8.000000	0.000000	1.000000
## 537041	-73.98029	40.78423	18.500000	0.000000	1.000000
## 537398	-73.95293	40.79180	10.500000	0.000000	1.000000
## 537467	-73.97865	40.73708	22.000000	0.000000	1.000000
## 537795	-73.88395	40.84168	0.000000	0.000000	0.000000
## 538183	-73.91939	40.75915	8.500000	0.000000	1.000000
## 538223	-73.98185	40.57652	10.000000	0.000000	1.000000
## 538552	-73.91221	40.76872	5.000000	0.000000	1.000000
## 538880	-73.94604	40.78111	9.000000	0.000000	1.000000
## 538897	-73.86472	40.77034	22.000000	0.000000	1.000000
## 539044	-73.92382	40.82233	10.000000	0.000000	1.000000
## 541016	-73.94415	40.59555	31.500000	0.000000	1.000000
## 541345	-73.95650	40.80550	9.000000	0.000000	1.000000
## 541375	-73.94261	40.79916	6.500000	0.000000	1.000000
## 541379	-73.94483	40.79996	4.500000	0.000000	1.000000
## 541588	-73.91085	40.84987	13.500000	0.000000	1.000000
## 541759	-73.99805	40.76569	21.000000	0.000000	1.000000
## 542218	-73.93731	40.81604	17.000000	0.000000	0.000000
## 542520	-73.96216	40.80551	7.500000	0.000000	1.000000
## 543116	-73.88143	40.76416	9.000000	0.000000	1.000000
## 543224	-74.00038	40.67944	8.000000	0.000000	1.000000
## 543300	-73.98100	40.64543	9.500000	0.000000	1.000000
## 543641	-73.87106	40.73905	8.000000	0.000000	1.000000
## 543744	-73.95278	40.78909	4.500000	0.000000	1.000000
## 544650	-73.95231	40.81322	4.500000	0.000000	1.000000
## 545222	-73.93951	40.80515	7.000000	0.000000	1.000000
## 545788	-73.93691	40.81049	5.000000	0.000000	1.000000
## 545809	-73.96078	40.77211	14.000000	0.000000	1.000000
## 546215	-73.95863	40.77980	10.000000	0.000000	1.000000
## 546235	-73.94838	40.81907	14.500000	0.000000	1.000000
## 546277	-73.87646	40.74278	4.000000	0.000000	1.000000
## 546316	-73.98509	40.68712	8.000000	0.000000	1.000000
## 546462	-73.95384	40.73161	15.500000	0.000000	1.000000
## 546580	-73.97431	40.79122	9.000000	0.000000	1.000000
## 546613	-73.85799	40.75877	15.500000	0.000000	1.000000
## 546665	-73.97908	40.77215	13.000000	0.000000	1.000000
## 546944	-73.97839	40.78838	9.000000	0.000000	1.000000
## 546981	-73.90339	40.71951	13.000000	0.000000	1.000000
## 547714	-73.94412	40.80141	5.000000	1.000000	1.000000
## 548075	-73.94151	40.71920	15.000000	1.000000	1.000000
## 548092	-73.92494	40.75442	7.000000	1.000000	1.000000
## 548172	-73.92250	40.81759	7.500000	1.000000	1.000000
## 548209	-73.83340	40.77092	19.000000	1.000000	1.000000

## 548227	-73.93218	40.80048	7.500000	1.0000000	1.0000000
## 549733	-73.99253	40.72131	23.500000	1.0000000	1.0000000
## 549934	-73.96577	40.79541	9.500000	1.0000000	1.0000000
## 550026	-74.00351	40.72358	10.500000	1.0000000	1.0000000
## 550252	-73.94569	40.78088	7.000000	1.0000000	1.0000000
## 550390	-73.94233	40.84157	9.000000	1.0000000	1.0000000
## 550500	-73.97527	40.78533	9.500000	1.0000000	1.0000000
## 550752	-73.94240	40.72031	7.000000	1.0000000	1.0000000
## 550873	-73.97345	40.78489	10.500000	1.0000000	1.0000000
## 551326	-73.97368	40.78444	7.000000	1.0000000	1.0000000
## 551813	-73.86857	40.73086	14.000000	1.0000000	1.0000000
## 551887	-73.88825	40.66812	29.500000	1.0000000	1.0000000
## 551915	-73.94032	40.83981	5.500000	1.0000000	1.0000000
## 552044	-73.95148	40.79950	7.000000	1.0000000	1.0000000
## 552142	-73.71910	40.66399	35.000000	1.0000000	1.0000000
## 552240	-73.93338	40.59653	7.500000	1.0000000	1.0000000
## 553402	-73.94142	40.59589	6.500000	1.0000000	1.0000000
## 553545	-73.89919	40.72887	8.500000	1.0000000	1.0000000
## 553719	-73.95403	40.80129	7.000000	1.0000000	1.0000000
## 553969	-73.95796	40.78148	11.000000	1.0000000	1.0000000
## 554310	-73.82178	40.71460	4.000000	1.0000000	1.0000000
## 554763	-73.98069	40.77234	23.500000	1.0000000	1.0000000
## 555857	-73.94640	40.80923	7.000000	1.0000000	1.0000000
## 556072	-73.95043	40.78332	7.000000	1.0000000	1.0000000
## 556294	-73.94024	40.82050	9.000000	1.0000000	1.0000000
## 556517	-73.98136	40.74980	11.500000	1.0000000	1.0000000
## 556554	-73.95448	40.73018	7.500000	1.0000000	1.0000000
## 556713	-73.89968	40.70946	6.500000	1.0000000	1.0000000
## 557094	-73.96592	40.71130	7.500000	1.0000000	1.0000000
## 557177	-73.91822	40.76530	6.000000	1.0000000	1.0000000
## 557195	-73.93938	40.79102	4.500000	1.0000000	1.0000000
## 557435	-74.00087	40.68381	9.500000	1.0000000	1.0000000
## 557455	-73.92709	40.68225	8.000000	1.0000000	1.0000000
## 557581	-73.99072	40.70275	13.500000	1.0000000	1.0000000
## 558132	-73.92942	40.76722	5.500000	1.0000000	1.0000000
## 558425	-74.00362	40.75932	15.000000	0.5000000	1.0000000
## 558448	-73.95467	40.76577	9.500000	0.5000000	1.0000000
## 558587	-73.94070	40.80317	6.000000	0.5000000	1.0000000
## 559115	-73.94754	40.72485	6.000000	0.5000000	1.0000000
## 559575	-73.95457	40.76561	23.000000	0.5000000	1.0000000
## 559954	-73.80357	40.71439	7.500000	0.5000000	1.0000000
## 560000	-73.86944	40.74054	7.500000	0.5000000	1.0000000
## 560280	-73.94051	40.83636	5.000000	0.5000000	1.0000000
## 560426	-73.95401	40.74302	4.500000	0.5000000	1.0000000
## 560457	-73.93726	40.69405	24.500000	0.5000000	1.0000000
## 560469	-73.98610	40.72244	16.000000	0.5000000	1.0000000
## 560742	-73.94019	40.69333	6.500000	0.5000000	1.0000000
## 561149	-73.95859	40.70678	6.000000	0.5000000	1.0000000
## 561629	-73.93592	40.69731	6.500000	0.5000000	1.0000000
## 562127	-73.94764	40.70844	8.500000	0.5000000	1.0000000
## 562414	-73.81411	40.72631	9.500000	0.5000000	1.0000000
## 562651	-73.95361	40.66630	7.000000	0.5000000	1.0000000
## 563221	-73.93973	40.82941	9.000000	0.5000000	1.0000000
## 563536	-73.91338	40.81984	8.000000	0.5000000	1.0000000
## 563575	-73.93942	40.82755	5.500000	0.5000000	1.0000000
## 563711	-73.93551	40.69688	6.000000	0.5000000	1.0000000
## 564024	-73.94066	40.76344	7.000000	0.5000000	1.0000000
## 564272	-73.95866	40.73052	5.500000	0.5000000	1.0000000
## 564345	-73.88012	40.76480	10.500000	0.5000000	1.0000000
## 564368	-73.91652	40.69039	7.500000	0.5000000	1.0000000
## 564588	-73.86602	40.82137	15.000000	0.0000000	0.0000000
## 565363	-73.93826	40.68315	6.000000	0.5000000	1.0000000
## 565901	-73.94099	40.67480	10.000000	0.5000000	1.0000000
## 566003	-73.94121	40.70047	20.500000	0.5000000	1.0000000

## 566306	-73.97424	40.67404	16.500000	0.5000000	1.0000000
## 566479	-73.81517	40.73201	8.000000	0.5000000	1.0000000
## 566525	-73.88084	40.75598	9.500000	0.5000000	1.0000000
## 566600	-73.87791	40.87079	25.000000	0.0000000	0.0000000
## 566697	-73.92966	40.77076	5.500000	0.5000000	1.0000000
## 566770	-73.95861	40.72114	6.000000	0.5000000	1.0000000
## 566837	-73.93784	40.81262	4.500000	0.5000000	1.0000000
## 566885	-74.00632	40.67713	7.000000	0.5000000	1.0000000
## 567482	-73.92044	40.76649	4.500000	0.5000000	1.0000000
## 567581	-73.93728	40.70573	10.000000	0.5000000	1.0000000
## 567995	-73.96201	40.68241	8.500000	0.5000000	1.0000000
## 568230	-73.96674	40.68345	7.000000	0.5000000	1.0000000
## 569553	-73.98953	40.75734	18.500000	0.5000000	1.0000000
## 569603	-73.81094	40.75660	6.500000	0.5000000	1.0000000
## 569776	-73.86319	40.75503	7.500000	0.5000000	1.0000000
## 571115	-74.00365	40.73930	25.000000	0.0000000	1.0000000
## 571420	-73.97648	40.68292	4.000000	0.0000000	1.0000000
## 571541	-73.93171	40.67738	70.000000	0.0000000	0.0000000
## 572302	-73.95766	40.78527	9.000000	0.0000000	1.0000000
## 572748	-73.91971	40.75815	4.000000	0.0000000	1.0000000
## 572800	-73.98887	40.74248	25.000000	0.0000000	1.0000000
## 572987	-73.97900	40.71962	12.500000	0.0000000	1.0000000
## 572996	-73.93109	40.83302	9.500000	0.0000000	1.0000000
## 573287	-73.94135	40.81430	10.000000	0.0000000	1.0000000
## 573324	-73.92202	40.76720	5.500000	0.0000000	1.0000000
## 573634	-73.94201	40.79804	5.000000	0.0000000	1.0000000
## 574412	-73.92224	40.82658	16.000000	0.0000000	1.0000000
## 574431	-73.97245	40.75575	34.000000	0.0000000	1.0000000
## 574625	-73.96259	40.79955	7.500000	0.0000000	1.0000000
## 574777	-73.99831	40.71306	12.500000	0.0000000	1.0000000
## 574978	-73.99103	40.69543	20.500000	0.0000000	1.0000000
## 576366	-73.97742	40.67521	4.500000	0.0000000	1.0000000
## 576641	-73.92132	40.82613	11.000000	0.0000000	1.0000000
## 576763	-73.89014	40.86094	12.000000	0.0000000	1.0000000
## 577159	-73.98701	40.69231	9.000000	0.0000000	1.0000000
## 577184	-73.98892	40.69278	22.500000	0.0000000	1.0000000
## 577367	-73.95206	40.80051	6.500000	0.0000000	1.0000000
## 577629	-74.00641	40.74614	34.000000	0.0000000	1.0000000
## 577638	-74.00965	40.70346	39.000000	0.0000000	1.0000000
## 577767	-73.95914	40.71867	7.000000	0.0000000	1.0000000
## 577829	-73.97771	40.68994	7.000000	0.0000000	1.0000000
## 578196	-73.96841	40.68207	0.000000	0.0000000	0.0000000
## 578398	-73.94345	40.83916	5.500000	0.0000000	1.0000000
## 578616	-73.92690	40.76953	10.000000	0.0000000	1.0000000
## 578860	-73.82209	40.82666	16.000000	0.0000000	1.0000000
## 579168	-73.86458	40.89653	13.000000	0.0000000	1.0000000
## 579470	-73.96603	40.71450	4.000000	0.0000000	1.0000000
## 579661	-74.00712	40.72736	23.000000	0.0000000	1.0000000
## 579977	-73.96979	40.75770	12.000000	0.0000000	1.0000000
## 580156	-73.95267	40.81050	6.000000	0.0000000	1.0000000
## 580329	-73.85220	40.72906	5.000000	0.0000000	1.0000000
## 580516	-73.94228	40.66785	5.500000	0.0000000	1.0000000
## 580968	-73.89388	40.74810	3.500000	0.0000000	1.0000000
## 581210	-73.87257	40.77424	16.000000	0.0000000	1.0000000
## 581230	-73.95736	40.77714	9.500000	0.0000000	1.0000000
## 581325	-73.86538	40.77073	11.500000	0.0000000	1.0000000
## 581667	-73.95753	40.76568	12.500000	0.0000000	1.0000000
## 581992	-73.91317	40.87310	13.000000	0.0000000	1.0000000
## 582195	-73.93887	40.82698	5.000000	0.0000000	1.0000000
## 582624	-73.96179	40.78054	14.500000	0.0000000	1.0000000
## 582734	-73.93369	40.74469	10.500000	0.0000000	1.0000000
## 582889	-73.94478	40.82908	4.500000	0.0000000	1.0000000
## 583222	-73.97578	40.79187	8.500000	0.0000000	1.0000000
## 583307	-73.99287	40.75185	21.500000	0.0000000	1.0000000

## 584561	-73.95482	40.72772	6.500000	0.0000000	1.0000000
## 584617	-73.96809	40.67514	8.500000	0.0000000	1.0000000
## 584844	-73.95098	40.78301	5.500000	0.0000000	1.0000000
## 584880	-73.95780	40.73142	7.000000	0.0000000	1.0000000
## 585123	-73.91220	40.75565	24.000000	0.0000000	1.0000000
## 585268	-73.92559	40.70022	14.500000	0.0000000	1.0000000
## 585482	-73.99478	40.75024	25.500000	0.0000000	1.0000000
## 585542	-73.97887	40.73693	22.000000	0.0000000	1.0000000
## 585548	-73.99014	40.74910	46.500000	0.0000000	1.0000000
## 586015	-73.97571	40.67455	7.500000	0.0000000	1.0000000
## 586456	-73.97613	40.75047	17.500000	0.0000000	1.0000000
## 586698	-73.86206	40.73769	9.500000	0.0000000	1.0000000
## 586886	-73.95020	40.79008	9.000000	0.0000000	1.0000000
## 586899	-73.94431	40.83493	12.500000	0.0000000	1.0000000
## 586982	-73.97954	40.66149	5.500000	0.0000000	1.0000000
## 587549	-73.99936	40.68263	41.000000	0.0000000	1.0000000
## 587912	-73.97015	40.76468	27.500000	0.0000000	1.0000000
## 587916	-73.95043	40.72309	7.000000	0.0000000	1.0000000
## 587962	-73.89489	40.74979	5.500000	0.0000000	1.0000000
## 587989	-73.89040	40.74692	5.500000	0.0000000	1.0000000
## 588536	-73.85276	40.71460	5.000000	0.0000000	1.0000000
## 588988	-73.96148	40.66169	4.500000	0.0000000	1.0000000
## 589244	-73.97602	40.67820	6.500000	0.0000000	1.0000000
## 589502	-73.99789	40.68728	8.500000	0.0000000	1.0000000
## 589562	-73.98661	40.70267	9.000000	0.0000000	1.0000000
## 589776	-73.99168	40.61778	23.000000	0.0000000	1.0000000
## 589998	-73.96444	40.76035	13.000000	1.0000000	1.0000000
## 590200	-73.91689	40.74928	6.000000	0.0000000	1.0000000
## 590314	-73.97413	40.79179	10.500000	1.0000000	1.0000000
## 590705	-73.92461	40.77182	4.500000	1.0000000	1.0000000
## 591076	-73.97038	40.79680	12.500000	1.0000000	1.0000000
## 591474	-73.96031	40.81273	12.000000	1.0000000	1.0000000
## 592404	-73.98108	40.75565	20.500000	1.0000000	1.0000000
## 592562	-73.96349	40.65265	12.000000	1.0000000	1.0000000
## 592565	-73.99442	40.60245	16.000000	1.0000000	1.0000000
## 592570	-73.82452	40.70438	15.000000	1.0000000	1.0000000
## 593055	-74.01263	40.71479	0.000000	0.0000000	0.0000000
## 593604	-73.93134	40.76554	5.500000	1.0000000	1.0000000
## 593840	-73.99281	40.66936	12.000000	1.0000000	1.0000000
## 594230	-73.94111	40.84481	14.500000	1.0000000	1.0000000
## 594715	-73.93719	40.75936	4.000000	1.0000000	1.0000000
## 594958	-73.91930	40.76400	6.000000	1.0000000	1.0000000
## 594991	-73.87998	40.88290	10.000000	1.0000000	1.0000000
## 595174	-73.97688	40.74768	35.000000	1.0000000	1.0000000
## 595440	-73.87510	40.77039	51.000000	1.0000000	1.0000000
## 595824	-73.86568	40.77101	13.500000	1.0000000	1.0000000
## 596061	-73.88403	40.73462	9.000000	1.0000000	1.0000000
## 596151	-73.95819	40.73388	6.000000	1.0000000	1.0000000
## 596216	-73.92313	40.75937	6.500000	1.0000000	1.0000000
## 596809	-73.97296	40.67945	16.000000	1.0000000	1.0000000
## 596816	-73.95439	40.81601	5.000000	1.0000000	1.0000000
## 597325	-73.97156	40.79450	6.500000	1.0000000	1.0000000
## 597346	-73.97336	40.69637	13.500000	1.0000000	1.0000000
## 597977	-73.78732	40.70328	7.500000	1.0000000	1.0000000
## 598138	-73.90911	40.68241	17.500000	1.0000000	1.0000000
## 598663	-73.92318	40.64478	22.500000	1.0000000	1.0000000
## 599624	-73.95923	40.81111	4.000000	1.0000000	1.0000000
## 599687	-73.92798	40.85948	9.000000	1.0000000	1.0000000
## 599927	-73.91668	40.81187	8.000000	1.0000000	1.0000000
## 599991	-73.91509	40.82201	8.000000	1.0000000	1.0000000
## 600558	-73.98986	40.74695	28.000000	1.0000000	1.0000000
## 602451	-73.91636	40.86951	8.500000	1.0000000	1.0000000
## 602470	-73.94354	40.68251	7.500000	1.0000000	1.0000000
## 602607	-73.93894	40.82166	9.000000	1.0000000	1.0000000

## 603008	-73.94465	40.83623	4.000000	0.500000	1.000000
## 603025	-73.99272	40.67934	4.000000	0.500000	1.000000
## 603264	-73.87415	40.73483	52.000000	0.000000	1.000000
## 603269	-73.94887	40.79753	6.500000	0.500000	1.000000
## 603496	-73.84016	40.71962	4.948704	0.3657993	0.9807274
## 603515	-73.92775	40.83574	11.000000	0.500000	1.000000
## 603538	-73.98228	40.69189	6.000000	0.500000	1.000000
## 604311	-73.94198	40.79544	7.000000	0.500000	1.000000
## 604976	-73.95536	40.66980	9.500000	0.500000	1.000000
## 605166	-74.01051	40.71870	19.500000	0.500000	1.000000
## 605212	-74.00201	40.74593	24.500000	0.500000	1.000000
## 605289	-73.95289	40.82575	6.500000	0.500000	1.000000
## 605561	-73.98917	40.66471	11.000000	0.000000	1.000000
## 605582	-73.95292	40.80775	6.500000	0.500000	1.000000
## 605793	-73.98779	40.74959	32.500000	0.500000	1.000000
## 606197	-73.80982	40.68825	6.000000	0.500000	1.000000
## 606675	-73.93936	40.68458	7.000000	0.500000	1.000000
## 606690	-73.98322	40.72142	22.500000	0.500000	1.000000
## 606968	-73.89523	40.83012	11.000000	0.000000	0.000000
## 607334	-73.93974	40.72605	9.000000	0.500000	1.000000
## 607845	-73.97712	40.78993	17.000000	0.500000	1.000000
## 607977	-73.95309	40.66000	17.500000	0.500000	1.000000
## 608111	-73.95276	40.79836	5.500000	0.500000	1.000000
## 609072	-73.82977	40.75957	14.000000	0.500000	1.000000
## 609228	-73.87854	40.75972	9.000000	0.500000	1.000000
## 609372	-74.00609	40.70814	16.000000	0.500000	1.000000
## 609901	-73.96268	40.72005	14.500000	0.500000	1.000000
## 610014	-73.85316	40.71080	13.500000	0.500000	1.000000
## 610286	-73.85979	40.71876	5.500000	0.500000	1.000000
## 610733	-73.92228	40.86906	10.000000	0.500000	1.000000
## 610774	-73.94183	40.82457	8.000000	0.500000	1.000000
## 610785	-73.88174	40.81469	26.000000	0.500000	1.000000
## 611396	-73.95399	40.72754	7.000000	0.500000	1.000000
## 611601	-73.88284	40.74752	10.500000	0.500000	1.000000
## 611645	-73.90866	40.76315	5.000000	0.500000	1.000000
## 612262	-73.99855	40.71713	9.000000	0.500000	1.000000
## 612548	-73.97253	40.69635	9.000000	0.500000	1.000000
## 613997	-73.94440	40.82709	2.500000	0.500000	1.000000
## 614157	-73.93815	40.81770	4.500000	0.500000	1.000000
## 614346	-73.93818	40.69365	4.000000	0.500000	1.000000
## 614456	-73.90414	40.69561	7.000000	0.500000	1.000000
## 614495	-73.91515	40.76365	4.000000	0.500000	1.000000
## 614692	-73.92581	40.77557	5.000000	0.500000	1.000000
## 614782	-73.97662	40.69596	4.000000	0.500000	1.000000
## 614868	-73.94224	40.82856	8.500000	0.500000	1.000000
## 614987	-73.90684	40.67920	47.000000	0.500000	1.000000
## 615512	-73.92189	40.76710	5.500000	0.500000	1.000000
## 615884	-73.95781	40.71788	5.000000	0.500000	1.000000
## 616361	-73.86604	40.68958	33.500000	0.500000	1.000000
## 616385	-73.90680	40.75343	7.500000	0.500000	1.000000
## 616444	-73.87482	40.76029	11.000000	0.500000	1.000000
## 616672	-74.00758	40.72762	21.500000	0.500000	1.000000
## 616734	-73.98122	40.68989	15.000000	0.000000	1.000000
## 616742	-73.97527	40.75542	9.500000	0.500000	1.000000
## 617123	-73.95797	40.76861	8.500000	0.000000	1.000000
## 617509	-73.98601	40.74102	22.500000	0.000000	1.000000
## 617540	-73.94123	40.81348	6.000000	0.000000	1.000000
## 617701	-73.88432	40.75384	6.000000	0.000000	1.000000
## 617813	-73.96946	40.79477	6.000000	0.000000	1.000000
## 617852	-73.95602	40.81888	6.000000	0.000000	1.000000
## 618842	-74.00587	40.75001	17.000000	0.000000	1.000000
## 619104	-73.99199	40.74943	14.500000	0.000000	1.000000
## 619148	-73.89795	40.75412	9.000000	0.000000	1.000000
## 619451	-73.90437	40.76689	5.500000	0.000000	1.000000

## 619603	-73.94236	40.70178	9.000000	0.0000000	1.0000000
## 620416	-73.95667	40.72527	10.000000	0.0000000	1.0000000
## 620763	-73.93642	40.81450	7.000000	0.0000000	1.0000000
## 620864	-73.84582	40.84835	8.500000	0.0000000	1.0000000
## 621049	-73.97275	40.74344	18.500000	0.0000000	1.0000000
## 621552	-74.00298	40.57544	9.000000	0.0000000	1.0000000
## 621702	-73.95325	40.79120	9.500000	0.0000000	1.0000000
## 622525	-73.94588	40.71437	6.000000	0.0000000	1.0000000
## 622825	-73.99289	40.69327	5.500000	0.0000000	1.0000000
## 623920	-73.97140	40.74621	27.500000	0.0000000	1.0000000
## 624066	-73.99142	40.69268	12.500000	0.0000000	1.0000000
## 624225	-73.93571	40.84848	18.500000	0.0000000	1.0000000
## 624239	-73.98830	40.72793	34.000000	0.0000000	1.0000000
## 624700	-73.87296	40.75695	17.000000	0.0000000	1.0000000
## 625051	-73.95098	40.82073	4.000000	0.0000000	1.0000000
## 625182	-73.95198	40.78399	5.000000	0.0000000	1.0000000
## 625415	-73.94544	40.80810	7.000000	0.0000000	1.0000000
## 625894	-73.92051	40.84680	16.500000	0.0000000	1.0000000
## 625975	-73.93861	40.74855	9.000000	0.0000000	1.0000000
## 626024	-73.95456	40.81071	8.500000	0.0000000	1.0000000
## 626127	-73.91833	40.83936	10.000000	0.0000000	0.0000000
## 627132	-73.94377	40.81950	6.500000	0.0000000	1.0000000
## 627804	-73.98077	40.66789	7.500000	0.0000000	1.0000000
## 627907	-73.94054	40.81483	6.000000	0.0000000	1.0000000
## 629069	-73.93189	40.79546	5.000000	0.0000000	1.0000000
## 629548	-73.96199	40.66840	8.000000	0.0000000	1.0000000
## 630058	-73.91560	40.75285	84.709622	0.0000000	1.0000000
## 630566	-73.93024	40.79903	5.500000	0.0000000	1.0000000
## 630773	-73.97995	40.76119	23.000000	0.0000000	1.0000000
## 630936	-73.96697	40.79375	5.500000	0.0000000	1.0000000
## 631008	-73.89300	40.75478	7.500000	0.0000000	1.0000000
## 631026	-73.93932	40.79466	9.500000	0.0000000	1.0000000
## 631076	-73.90842	40.83422	7.500000	0.0000000	1.0000000
## 631427	-73.93756	40.80682	9.000000	0.0000000	1.0000000
## 631429	-73.92222	40.65245	8.000000	0.0000000	0.0000000
## 631724	-73.94382	40.68292	15.500000	0.0000000	1.0000000
## 631967	-73.95454	40.76621	24.500000	0.0000000	1.0000000
## 632266	-73.96291	40.66087	9.500000	0.0000000	1.0000000
## 632758	-73.98138	40.68963	7.000000	0.0000000	1.0000000
## 632839	-73.87093	40.77395	22.000000	0.0000000	1.0000000
## 633077	-73.95148	40.80969	5.000000	0.0000000	1.0000000
## 633177	-73.91902	40.73926	6.000000	0.0000000	1.0000000
## 633248	-73.95308	40.80979	6.500000	0.0000000	1.0000000
## 634070	-73.87410	40.73518	14.000000	0.0000000	0.0000000
## 634364	-73.99923	40.73406	15.000000	0.0000000	1.0000000
## 634613	-73.95287	40.78175	5.500000	0.0000000	1.0000000
## 634631	-73.96437	40.79215	6.000000	0.0000000	1.0000000
## 634694	-73.94246	40.82889	7.000000	0.0000000	1.0000000
## 634711	-73.94205	40.82260	8.500000	0.0000000	1.0000000
## 634718	-73.95812	40.68170	6.000000	0.0000000	1.0000000
## 635189	-73.97124	40.76116	21.000000	0.0000000	1.0000000
## 635934	-73.94097	40.82400	10.000000	0.0000000	1.0000000
## 636049	-73.93523	40.67171	14.000000	0.0000000	1.0000000
## 636073	-73.96939	40.76940	18.000000	0.0000000	1.0000000
## 636241	-73.99423	40.74882	47.500000	0.0000000	1.0000000
## 636666	-73.92221	40.67337	4.000000	0.0000000	1.0000000
## 636744	-73.99706	40.72397	13.500000	0.0000000	1.0000000
## 636821	-73.96466	40.80861	4.000000	1.0000000	1.0000000
## 637178	-73.96035	40.77992	11.000000	1.0000000	1.0000000
## 637288	-73.90385	40.77251	5.000000	1.0000000	1.0000000
## 637593	-73.89180	40.77057	10.000000	1.0000000	1.0000000
## 637696	-73.95112	40.81020	2.500000	1.0000000	1.0000000
## 638125	-73.98217	40.73849	17.500000	1.0000000	1.0000000
## 638145	-73.97100	40.79439	6.500000	1.0000000	1.0000000

## 638320	-73.95422	40.81605	13.000000	1.0000000	1.0000000
## 638474	-73.97536	40.78809	8.500000	1.0000000	1.0000000
## 638741	-73.93742	40.65339	56.504416	1.0000000	1.0000000
## 638771	-73.91225	40.74594	7.000000	1.0000000	1.0000000
## 638942	-73.99572	40.74919	32.000000	1.0000000	1.0000000
## 639208	-73.96664	40.65297	8.500000	1.0000000	1.0000000
## 639241	-73.96855	40.70960	5.000000	1.0000000	1.0000000
## 639375	-73.98338	40.68895	2.500000	1.0000000	1.0000000
## 639401	-73.82308	40.71478	7.500000	1.0000000	1.0000000
## 639651	-73.94505	40.80336	16.000000	1.0000000	1.0000000
## 639776	-73.77623	40.67615	12.000000	1.0000000	1.0000000
## 639949	-73.99630	40.69425	9.000000	1.0000000	1.0000000
## 640035	-73.86288	40.86506	4.500000	1.0000000	1.0000000
## 640038	-73.83659	40.69773	12.500000	1.0000000	1.0000000
## 640183	-73.82970	40.72816	8.000000	1.0000000	1.0000000
## 640356	-73.89024	40.74621	5.000000	1.0000000	1.0000000
## 640765	-73.97038	40.76783	8.000000	1.0000000	1.0000000
## 640848	-73.94830	40.71920	18.500000	1.0000000	1.0000000
## 640868	-73.98103	40.78828	8.500000	1.0000000	1.0000000
## 641021	-73.94023	40.68814	4.000000	1.0000000	1.0000000
## 641195	-73.98523	40.72796	21.500000	1.0000000	1.0000000
## 641207	-73.97527	40.68347	18.000000	1.0000000	1.0000000
## 641331	-73.97524	40.73306	14.500000	1.0000000	1.0000000
## 641694	-73.98090	40.68542	8.000000	1.0000000	1.0000000
## 641707	-73.99385	40.72261	14.500000	1.0000000	1.0000000
## 643085	-73.88280	40.75710	5.500000	1.0000000	1.0000000
## 643523	-73.84655	40.70918	5.500000	1.0000000	1.0000000
## 643633	-73.96298	40.66060	50.000000	0.0000000	0.0000000
## 643708	-73.95375	40.80643	5.000000	0.0000000	0.0000000
## 643713	-73.94923	40.82265	11.000000	1.0000000	1.0000000
## 643821	-73.82345	40.70657	6.000000	1.0000000	1.0000000
## 644378	-73.97757	40.68441	8.500000	1.0000000	1.0000000
## 644591	-73.88819	40.73013	11.500000	1.0000000	1.0000000
## 644898	-73.91529	40.76052	12.500000	1.0000000	1.0000000
## 645237	-73.98759	40.73899	23.500000	0.5000000	1.0000000
## 645726	-73.94497	40.80761	6.000000	1.0000000	1.0000000
## 645783	-73.85573	40.73037	8.500000	1.0000000	1.0000000
## 645956	-73.95882	40.65823	8.500000	1.0000000	1.0000000
## 646242	-73.93365	40.85424	22.500000	1.0000000	1.0000000
## 647050	-73.95924	40.76343	12.000000	1.0000000	1.0000000
## 647332	-73.98214	40.68329	4.000000	1.0000000	1.0000000
## 647495	-73.99415	40.69479	14.500000	1.0000000	1.0000000
## 647556	-73.96553	40.71717	7.500000	1.0000000	1.0000000
## 647630	-73.95163	40.80967	5.500000	1.0000000	1.0000000
## 647729	-73.87827	40.74017	6.500000	1.0000000	1.0000000
## 647797	-73.95389	40.66561	9.000000	1.0000000	1.0000000
## 648406	-73.94394	40.80112	10.500000	1.0000000	1.0000000
## 648524	-73.98795	40.68240	5.000000	1.0000000	1.0000000
## 648848	-73.94164	40.80703	5.000000	0.5000000	1.0000000
## 649500	-73.94614	40.81056	4.500000	0.5000000	1.0000000
## 649582	-73.94502	40.82102	5.500000	0.5000000	1.0000000
## 649612	-73.93890	40.81989	6.500000	0.5000000	1.0000000
## 649799	-73.93804	40.81784	6.000000	0.5000000	1.0000000
## 650001	-73.90836	40.71811	9.000000	0.5000000	1.0000000
## 650834	-73.93405	40.75538	24.500000	0.5000000	1.0000000
## 651452	-73.97256	40.79077	9.500000	0.5000000	1.0000000
## 651567	-73.90990	40.77225	3.500000	0.5000000	1.0000000
## 651604	-73.96146	40.80210	7.500000	0.5000000	1.0000000
## 651764	-73.90878	40.85463	3.500000	0.5000000	1.0000000
## 652043	-73.85733	40.83979	4.000000	0.5000000	1.0000000
## 652425	-73.97733	40.68686	4.500000	0.5000000	1.0000000
## 652570	-73.94247	40.78638	10.500000	0.5000000	1.0000000
## 653092	-73.92411	40.70645	12.500000	0.5000000	1.0000000
## 653752	-74.03392	40.61657	24.500000	0.5000000	1.0000000

## 653989	-73.94254	40.78621	9.000000	0.500000	1.000000
## 654817	-73.96532	40.80032	4.500000	0.500000	1.000000
## 655089	-73.94823	40.79813	9.500000	0.500000	1.000000
## 655642	-73.92147	40.75732	3.500000	0.500000	1.000000
## 655790	-73.93584	40.68702	13.500000	0.500000	1.000000
## 656036	-73.99558	40.72334	29.500000	0.500000	1.000000
## 656609	-73.95286	40.69495	7.500000	0.500000	1.000000
## 657151	-73.98596	40.68974	24.000000	0.500000	1.000000
## 657520	-73.79829	40.72081	10.500000	0.500000	1.000000
## 657559	-73.95575	40.72123	4.500000	0.500000	1.000000
## 657878	-73.81425	40.71963	8.500000	0.500000	1.000000
## 658680	-73.95249	40.71197	9.300000	0.000000	0.000000
## 658762	-73.99534	40.69255	5.500000	0.500000	1.000000
## 658870	-73.95290	40.81829	5.500000	0.500000	1.000000
## 659204	-73.86813	40.76187	12.000000	0.500000	1.000000
## 659601	-73.81344	40.70557	21.500000	0.500000	1.000000
## 661326	-73.94837	40.70847	5.500000	0.500000	1.000000
## 661653	-73.99587	40.64522	9.000000	0.500000	1.000000
## 661990	-73.95834	40.71349	4.000000	0.500000	1.000000
## 662023	-73.92399	40.76126	18.000000	0.500000	1.000000
## 662322	-73.81834	40.69022	5.500000	0.500000	1.000000
## 662987	-73.95236	40.69504	7.500000	0.500000	1.000000
## 663381	-73.87076	40.77399	55.000000	0.000000	0.000000
## 663406	-73.95612	40.81315	4.000000	0.500000	1.000000
## 663933	-73.99450	40.75026	24.000000	0.000000	1.000000
## 664024	-73.95956	40.77350	13.000000	0.000000	1.000000
## 664121	-73.80509	40.71726	28.000000	0.000000	1.000000
## 664217	-74.01284	40.71521	16.500000	0.000000	1.000000
## 664455	-73.97643	40.76078	22.000000	0.000000	1.000000
## 664988	-73.93947	40.80518	5.000000	0.000000	1.000000
## 665020	-73.95625	40.81897	6.000000	0.000000	1.000000
## 665747	-73.94360	40.81015	10.000000	0.000000	1.000000
## 665953	-73.98817	40.69209	9.500000	0.000000	1.000000
## 666143	-73.95493	40.76770	21.000000	0.000000	1.000000
## 666184	-73.93973	40.80795	5.000000	0.000000	1.000000
## 666537	-73.96834	40.68549	8.500000	0.000000	1.000000
## 666958	-73.90057	40.75532	5.000000	0.000000	1.000000
## 666967	-73.95796	40.71798	5.000000	0.000000	1.000000
## 667037	-73.93616	40.80616	7.000000	0.000000	1.000000
## 667050	-73.93890	40.59611	18.500000	0.000000	1.000000
## 667230	-73.94364	40.79844	11.000000	0.000000	1.000000
## 667381	-73.84893	40.75195	8.500000	0.000000	1.000000
## 667677	-73.84016	40.84792	9.500000	0.000000	1.000000
## 667818	-73.91926	40.80764	5.000000	0.000000	1.000000
## 667920	-73.92802	40.86279	7.000000	0.000000	1.000000
## 668379	-74.00323	40.71378	13.000000	0.000000	1.000000
## 668771	-73.97277	40.68597	6.000000	0.000000	1.000000
## 669079	-73.98932	40.71423	9.500000	0.000000	1.000000
## 669391	-73.90204	40.76408	2.500000	0.000000	1.000000
## 669440	-73.95253	40.80300	4.500000	0.000000	1.000000
## 669473	-73.89028	40.76271	8.000000	0.000000	1.000000
## 669757	-73.97449	40.78759	7.500000	0.000000	1.000000
## 669765	-73.99017	40.69637	6.000000	0.000000	1.000000
## 669771	-73.93933	40.80517	10.500000	0.000000	1.000000
## 669911	-73.90919	40.81882	6.500000	0.000000	1.000000
## 670147	-73.98969	40.70227	8.000000	0.000000	1.000000
## 670163	-74.07580	40.64301	12.000000	0.000000	0.000000
## 670926	-73.98354	40.76420	46.500000	0.000000	1.000000
## 671069	-73.88686	40.73880	10.500000	0.000000	1.000000
## 671208	-73.94317	40.82603	7.000000	0.000000	1.000000
## 671248	-73.91190	40.77521	5.000000	0.000000	1.000000
## 671364	-73.87852	40.75415	4.000000	0.000000	1.000000
## 672743	-74.00954	40.70427	25.500000	0.000000	1.000000
## 673168	-73.94604	40.80700	3.500000	0.000000	1.000000

## 673465	-73.91254	40.76278	6.000000	0.0000000	1.0000000
## 673790	-73.95120	40.79101	5.500000	0.0000000	1.0000000
## 673854	-73.94592	40.81960	5.000000	0.0000000	1.0000000
## 674302	-73.94104	40.81269	5.500000	0.0000000	1.0000000
## 674395	-73.97845	40.68408	6.500000	0.0000000	1.0000000
## 674446	-73.93727	40.69150	7.000000	0.0000000	1.0000000
## 674979	-73.91879	40.75903	5.500000	0.0000000	1.0000000
## 675172	-73.95527	40.76456	23.500000	0.0000000	1.0000000
## 675247	-73.93731	40.80710	3.000000	0.0000000	1.0000000
## 675472	-73.97188	40.79233	8.000000	0.0000000	1.0000000
## 675541	-73.92486	40.83532	10.000000	0.0000000	1.0000000
## 675568	-73.99226	40.73369	17.500000	0.0000000	1.0000000
## 675741	-73.91895	40.83835	7.000000	0.0000000	1.0000000
## 675940	-73.95454	40.82063	4.000000	0.0000000	1.0000000
## 676011	-73.84699	40.74661	44.500000	0.0000000	1.0000000
## 676369	-73.92329	40.81680	7.000000	0.0000000	1.0000000
## 676394	-73.94392	40.77645	8.500000	0.0000000	1.0000000
## 676631	-73.95255	40.64073	14.000000	0.0000000	1.0000000
## 677072	-73.94461	40.74879	9.500000	0.0000000	1.0000000
## 677293	-73.94831	40.82153	8.500000	0.0000000	1.0000000
## 677465	-73.96306	40.75734	22.500000	0.0000000	1.0000000
## 677537	-73.94301	40.79098	7.500000	0.0000000	1.0000000
## 677850	-73.96716	40.80596	5.500000	0.0000000	1.0000000
## 677949	-73.89251	40.75847	7.500000	0.0000000	1.0000000
## 678403	-73.99213	40.68414	9.000000	0.0000000	1.0000000
## 679715	-73.86640	40.76757	13.500000	0.0000000	1.0000000
## 680308	-73.99879	40.72503	26.000000	0.0000000	1.0000000
## 680379	-73.94064	40.79821	9.000000	0.0000000	1.0000000
## 680500	-73.95242	40.79254	7.500000	0.0000000	1.0000000
## 680995	-73.96210	40.80514	6.500000	0.0000000	1.0000000
## 681383	-73.94546	40.77528	7.500000	0.0000000	1.0000000
## 681391	-73.95078	40.78637	7.500000	0.0000000	1.0000000
## 681449	-73.94341	40.78770	8.500000	0.0000000	1.0000000
## 682010	-73.98422	40.67499	20.000000	0.0000000	1.0000000
## 682058	-73.88242	40.74676	6.000000	0.0000000	1.0000000
## 682136	-73.94283	40.78757	4.500000	0.0000000	1.0000000
## 682180	-73.88586	40.87556	8.000000	0.0000000	1.0000000
## 682319	-73.92475	40.76850	7.000000	0.0000000	1.0000000
## 682685	-73.95886	40.66421	9.000000	0.0000000	1.0000000
## 682759	-73.88454	40.82826	12.000000	0.0000000	0.0000000
## 683259	-73.90401	40.73996	12.000000	0.0000000	1.0000000
## 683467	-73.94250	40.80987	9.000000	0.0000000	1.0000000
## 683717	-73.92299	40.74385	13.000000	0.0000000	1.0000000
## 684163	-73.86196	40.76852	12.000000	1.0000000	1.0000000
## 684353	-73.93613	40.68800	7.000000	1.0000000	1.0000000
## 684463	-73.97074	40.79864	12.500000	1.0000000	1.0000000
## 684638	-73.82992	40.70923	5.000000	1.0000000	1.0000000
## 685052	-73.91682	40.80747	8.000000	1.0000000	1.0000000
## 686007	-73.95992	40.71369	10.500000	1.0000000	1.0000000
## 686199	-73.95601	40.69909	9.000000	1.0000000	1.0000000
## 686301	-73.93619	40.82047	6.000000	1.0000000	1.0000000
## 686434	-73.90714	40.72667	10.500000	1.0000000	1.0000000
## 686454	-73.94680	40.72898	8.500000	1.0000000	1.0000000
## 686747	-73.96191	40.80072	6.000000	1.0000000	1.0000000
## 687210	-73.99042	40.69336	6.500000	1.0000000	1.0000000
## 687539	-73.96799	40.71089	5.000000	1.0000000	1.0000000
## 689007	-73.92573	40.67728	18.500000	1.0000000	1.0000000
## 689232	-73.86378	40.76918	16.500000	1.0000000	1.0000000
## 689859	-73.99265	40.68974	7.500000	1.0000000	1.0000000
## 690010	-73.78413	40.69868	8.500000	1.0000000	1.0000000
## 690105	-73.94643	40.80067	3.500000	1.0000000	1.0000000
## 690416	-73.95689	40.81393	6.500000	1.0000000	1.0000000
## 690619	-73.94543	40.75554	6.500000	1.0000000	1.0000000
## 690735	-73.94331	40.75323	8.000000	1.0000000	1.0000000

## 691755	-73.97636	40.68270	6.000000	1.0000000	1.0000000
## 692143	-73.95885	40.74355	30.500000	1.0000000	1.0000000
## 692580	-73.93933	40.81090	7.500000	1.0000000	1.0000000
## 692921	-73.97740	40.68090	9.000000	1.0000000	1.0000000
## 692954	-73.97473	40.68635	16.000000	1.0000000	1.0000000
## 693235	-73.96008	40.71849	9.500000	1.0000000	1.0000000
## 693332	-73.87080	40.68035	13.000000	1.0000000	1.0000000
## 694162	-73.95051	40.72386	4.500000	1.0000000	1.0000000
## 694657	-73.96563	40.76357	8.500000	1.0000000	1.0000000
## 695128	-73.97894	40.68685	5.500000	1.0000000	1.0000000
## 695384	-73.85593	40.75437	13.000000	1.0000000	1.0000000
## 695443	-73.97952	40.66140	8.500000	1.0000000	1.0000000
## 695662	-73.95525	40.80352	3.500000	1.0000000	1.0000000
## 695802	-73.88888	40.72323	12.500000	1.0000000	1.0000000
## 695924	-73.98853	40.72122	11.500000	1.0000000	1.0000000
## 696377	-73.96402	40.80288	7.500000	1.0000000	1.0000000
## 697015	-73.89177	40.75105	5.500000	1.0000000	1.0000000
## 697335	-73.95228	40.72819	6.500000	0.5000000	1.0000000
## 697475	-73.99661	40.69001	5.500000	0.5000000	1.0000000
## 697716	-73.98407	40.67183	5.500000	0.5000000	1.0000000
## 697884	-73.95864	40.71288	5.000000	0.5000000	1.0000000
## 698312	-73.91472	40.83221	3.000000	0.5000000	1.0000000
## 698533	-73.90785	40.86279	7.000000	0.5000000	1.0000000
## 698621	-74.00768	40.74292	16.000000	0.5000000	1.0000000
## 698637	-73.92297	40.81329	9.500000	0.5000000	1.0000000
## 698874	-73.96004	40.80796	4.000000	0.5000000	1.0000000
## 698932	-73.93407	40.68361	7.500000	0.5000000	1.0000000
## 698951	-73.94866	40.82398	6.000000	0.5000000	1.0000000
## 699196	-73.94252	40.80996	6.500000	0.5000000	1.0000000
## 699224	-73.99355	40.68716	16.500000	0.5000000	1.0000000
## 699600	-73.91918	40.75881	14.500000	0.5000000	1.0000000
## 699752	-73.96893	40.69346	7.500000	0.5000000	1.0000000
## 699834	-73.96132	40.62992	10.000000	0.0000000	0.0000000
## 700174	-73.98786	40.71994	12.500000	0.5000000	1.0000000
## 700360	-73.96609	40.68917	14.500000	0.5000000	1.0000000
## 700378	-73.92120	40.76313	6.000000	0.5000000	1.0000000
## 700389	-73.92904	40.70500	13.000000	0.5000000	1.0000000
## 700584	-73.91456	40.75774	4.500000	0.5000000	1.0000000
## 700634	-73.85664	40.87430	4.500000	0.5000000	1.0000000
## 701716	-73.93898	40.83713	9.500000	0.5000000	0.0000000
## 701808	-73.91224	40.76478	5.500000	0.5000000	1.0000000
## 701968	-73.85630	40.72443	5.500000	0.5000000	1.0000000
## 701971	-73.90754	40.69712	14.500000	0.5000000	1.0000000
## 702140	-73.98019	40.66056	6.000000	0.5000000	1.0000000
## 702300	-73.95177	40.80932	2.500000	0.5000000	1.0000000
## 702520	-74.03008	40.61843	19.500000	0.5000000	1.0000000
## 703628	-73.90459	40.75220	23.500000	0.5000000	1.0000000
## 703638	-73.92390	40.74178	8.000000	0.5000000	1.0000000
## 704055	-73.93255	40.85088	13.500000	0.5000000	1.0000000
## 704060	-73.90514	40.63276	10.000000	0.5000000	1.0000000
## 705353	-73.94431	40.66275	19.000000	0.5000000	1.0000000
## 705458	-73.96497	40.80151	7.000000	0.5000000	1.0000000
## 705495	-73.96313	40.65149	10.000000	0.5000000	1.0000000
## 705976	-73.94212	40.83783	5.012583	0.3272837	0.9610748
## 706112	-74.00141	40.67995	10.500000	0.5000000	1.0000000
## 706187	-73.97447	40.79118	9.000000	0.5000000	1.0000000
## 706315	-73.93346	40.85188	14.000000	0.5000000	1.0000000
## 706364	-73.94154	40.79200	13.000000	0.5000000	1.0000000
## 706411	-73.99310	40.68832	12.000000	0.5000000	1.0000000
## 707040	-73.95237	40.76626	7.500000	0.5000000	1.0000000
## 707135	-73.91817	40.67685	60.000000	0.0000000	0.0000000
## 707575	-73.98152	40.66308	15.500000	0.5000000	1.0000000
## 707839	-73.97520	40.78785	8.500000	0.5000000	1.0000000
## 707870	-73.73763	40.75769	35.000000	0.0000000	0.0000000

## 707973	-73.93845	40.68764	7.000000	0.500000	1.000000
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## 709703	-73.94195	40.79780	8.500000	0.500000	1.000000
## 710041	-73.84278	40.67053	45.500000	0.500000	1.000000
## 710421	-73.99387	40.72077	13.500000	0.500000	1.000000
## 711092	-73.93509	40.71103	12.000000	0.500000	1.000000
## 712145	-73.95040	40.67437	10.000000	0.500000	1.000000
## 712298	-74.02010	40.63203	18.500000	0.500000	1.000000
## 712819	-73.99386	40.66782	5.500000	0.500000	1.000000
## 713022	-73.90532	40.76160	8.000000	0.500000	1.000000
## 713213	-73.88618	40.75982	7.500000	0.500000	1.000000
## 713662	-74.00487	40.67597	7.000000	0.500000	1.000000
## 713869	-73.94706	40.72769	7.000000	0.500000	1.000000
## 714560	-73.97415	40.64921	14.000000	0.500000	1.000000
## 714641	-73.92593	40.65825	7.000000	0.500000	1.000000
## 715593	-73.88421	40.74929	9.500000	0.500000	1.000000
## 715698	-73.80129	40.72432	10.500000	0.500000	1.000000
## 716139	-73.92519	40.74742	5.000000	0.500000	1.000000
## 716369	-73.81348	40.70968	21.500000	0.500000	1.000000
## 716534	-74.00964	40.71503	7.000000	0.500000	1.000000
## 716725	-73.95766	40.72956	5.500000	0.500000	1.000000
## 716747	-73.99962	40.68555	5.000000	0.500000	1.000000
## 717188	-73.96355	40.64609	35.500000	0.500000	1.000000
## 717202	-73.88155	40.75416	6.500000	0.500000	1.000000
## 717234	-73.91568	40.70209	12.500000	0.500000	1.000000
## 717417	-73.96573	40.68272	5.000000	0.500000	1.000000
## 717623	-73.93771	40.66822	13.500000	0.500000	1.000000
## 717644	-73.85292	40.66592	18.000000	0.500000	1.000000
## 717752	-73.85542	40.66264	33.000000	0.500000	1.000000
## 717883	-73.96307	40.76645	29.000000	0.500000	1.000000
## 718242	-73.98955	40.74344	25.000000	0.000000	0.000000
## 718337	-73.97685	40.79021	34.000000	0.500000	1.000000
## 718945	-73.94135	40.83907	9.500000	0.500000	1.000000
## 718958	-73.96988	40.79484	7.000000	0.500000	1.000000
## 719052	-73.91342	40.69932	9.000000	0.500000	1.000000
## 719517	-73.88627	40.75529	4.500000	0.500000	1.000000
## 720887	-73.96197	40.71602	3.500000	0.500000	1.000000
## 720937	-73.95850	40.64502	6.500000	0.500000	1.000000
## 721395	-73.94694	40.74722	10.000000	0.500000	1.000000
## 721396	-73.96581	40.68672	7.500000	0.500000	1.000000
## 721425	-73.88950	40.63340	5.500000	0.500000	1.000000
## 721565	-73.88252	40.75095	4.500000	0.500000	1.000000
## 721609	-73.81103	40.69443	3.500000	0.500000	1.000000
## 721687	-74.00956	40.70630	20.500000	0.500000	1.000000
## 721856	-73.94588	40.67140	10.000000	0.000000	0.000000
## 722282	-73.85785	40.75286	7.500000	0.500000	1.000000
## 722561	-73.94904	40.82681	7.000000	0.500000	1.000000
## 722580	-73.99104	40.75937	23.500000	0.500000	1.000000
## 723687	-73.93158	40.67072	10.000000	0.500000	1.000000
## 724542	-73.87587	40.74842	5.500000	0.500000	1.000000
## 725267	-73.81518	40.73966	11.000000	0.000000	0.000000
## 725321	-73.94217	40.71116	12.000000	0.500000	1.000000
## 725405	-73.95241	40.73573	8.000000	0.500000	1.000000
## 726315	-73.92495	40.74561	7.500000	0.500000	1.000000
## 726445	-73.93752	40.80452	4.500000	0.000000	1.000000
## 726461	-73.95437	40.73080	10.000000	0.000000	1.000000
## 726495	-73.97955	40.76034	14.500000	0.000000	1.000000
## 726599	-73.92222	40.86482	6.500000	0.000000	1.000000
## 726808	-73.98812	40.74626	13.000000	0.000000	1.000000
## 727024	-73.92219	40.73968	11.000000	0.000000	1.000000
## 727189	-73.96986	40.79721	9.000000	0.000000	1.000000
## 727489	-74.02271	40.64520	18.000000	0.000000	1.000000
## 728008	-73.99809	40.74557	23.000000	0.000000	1.000000
## 728068	-73.99622	40.73230	24.500000	0.000000	1.000000

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## 729228	-73.95786	40.77037	7.000000	0.0000000	1.0000000
## 729278	-73.98282	40.77200	11.000000	0.0000000	1.0000000
## 729651	-74.00042	40.72660	13.500000	0.0000000	1.0000000
## 730250	-73.95183	40.79871	8.000000	0.0000000	1.0000000
## 731263	-73.87552	40.75863	17.000000	0.0000000	1.0000000
## 731868	-73.95064	40.78581	5.000000	0.0000000	1.0000000
## 731885	-73.94525	40.83335	4.500000	0.0000000	1.0000000
## 732936	-73.98895	40.69180	10.500000	0.0000000	1.0000000
## 733468	-73.97626	40.67318	8.500000	0.0000000	1.0000000
## 733947	-73.97323	40.74374	16.500000	0.0000000	1.0000000
## 734140	-73.97326	40.78276	8.500000	0.0000000	1.0000000
## 734549	-73.98429	40.74872	17.500000	0.0000000	1.0000000
## 734733	-73.95667	40.71276	21.000000	0.0000000	1.0000000
## 734792	-73.83258	40.87047	20.000000	0.0000000	0.0000000
## 734964	-73.96289	40.79902	6.000000	0.0000000	1.0000000
## 735243	-73.95298	40.81006	8.500000	0.0000000	1.0000000
## 735244	-73.96723	40.76437	34.500000	0.0000000	1.0000000
## 735349	-73.88998	40.74940	15.000000	0.0000000	1.0000000
## 735456	-73.95751	40.80158	2.500000	0.0000000	1.0000000
## 735954	-74.01106	40.67215	9.500000	0.0000000	1.0000000
## 736055	-73.97394	40.67663	9.000000	0.0000000	1.0000000
## 736522	-73.94807	40.80435	6.500000	0.0000000	1.0000000
## 737002	-73.96490	40.69767	8.000000	0.0000000	1.0000000
## 737845	-73.94419	40.83524	8.000000	0.0000000	1.0000000
## 737878	-73.92785	40.85479	8.000000	0.0000000	1.0000000
## 737956	-73.98603	40.76975	13.000000	0.0000000	1.0000000
## 737966	-73.82697	40.76418	15.000000	0.0000000	1.0000000
## 738483	-73.99890	40.71942	9.000000	0.0000000	1.0000000
## 739314	-73.95203	40.82404	10.000000	0.0000000	1.0000000
## 739481	-73.68131	40.69892	40.000000	0.0000000	0.0000000
## 739484	-73.89162	40.86812	20.500000	0.0000000	1.0000000
## 739798	-73.97586	40.75213	16.000000	0.0000000	1.0000000
## 740236	-73.94979	40.77854	6.500000	0.0000000	1.0000000
## 740535	-73.98158	40.67527	4.500000	0.0000000	1.0000000
## 741227	-73.90013	40.74573	14.000000	0.0000000	1.0000000
## 741269	-73.93869	40.81900	6.500000	0.0000000	1.0000000
## 741450	-73.99418	40.71934	12.500000	0.0000000	1.0000000
## 741738	-73.98256	40.77899	21.000000	0.0000000	1.0000000
## 741937	-73.94272	40.67927	7.500000	0.0000000	1.0000000
## 742073	-73.88022	40.74795	9.500000	0.0000000	1.0000000
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## 742262	-73.98330	40.70135	8.000000	0.0000000	1.0000000
## 742751	-73.89601	40.73236	9.000000	0.0000000	1.0000000
## 742755	-73.98575	40.77203	15.500000	0.0000000	1.0000000
## 742872	-73.94332	40.61804	5.500000	0.0000000	1.0000000
## 742885	-73.89747	40.75386	8.000000	0.0000000	1.0000000
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## 743195	-73.97073	40.67719	7.500000	0.0000000	1.0000000
## 743618	-73.78249	40.64414	24.500000	0.0000000	1.0000000
## 743628	-73.94820	40.81409	11.000000	0.0000000	1.0000000
## 743849	-73.95656	40.66946	7.500000	0.0000000	1.0000000
## 743972	-73.88301	40.87071	12.500000	0.0000000	1.0000000
## 744070	-73.90351	40.74529	5.000000	0.0000000	1.0000000
## 744367	-73.99156	40.72422	14.000000	0.0000000	1.0000000
## 744387	-73.81556	40.71912	15.500000	0.0000000	1.0000000
## 744417	-73.78031	40.64529	20.000000	0.0000000	1.0000000
## 745003	-73.92525	40.86130	13.000000	0.0000000	1.0000000
## 745266	-73.86861	40.74777	9.000000	0.0000000	1.0000000
## 745543	-73.87920	40.75298	11.500000	0.0000000	1.0000000
## 745669	-73.91914	40.86464	5.000000	0.0000000	1.0000000
## 745760	-73.94397	40.82541	8.000000	0.0000000	1.0000000
## 745950	-73.91176	40.77527	12.500000	0.0000000	1.0000000

## 746017	-73.81486	40.77286	18.000000	1.0000000	1.0000000
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## 746217	-73.99780	40.68761	4.500000	0.0000000	1.0000000
## 746286	-73.99010	40.66864	5.000000	0.0000000	1.0000000
## 746625	-74.01720	40.70582	14.500000	0.0000000	1.0000000
## 747197	-73.91884	40.75920	8.500000	0.0000000	1.0000000
## 747568	-73.92363	40.86196	11.000000	0.0000000	1.0000000
## 747607	-73.97915	40.76677	17.500000	0.0000000	1.0000000
## 747785	-73.97775	40.68444	8.000000	0.0000000	1.0000000
## 748219	-73.98945	40.67566	10.000000	0.0000000	1.0000000
## 748942	-73.97744	40.68077	13.500000	0.0000000	1.0000000
## 748986	-73.95979	40.73319	8.500000	0.0000000	1.0000000
## 749235	-73.98995	40.77203	15.500000	0.0000000	1.0000000
## 749445	-73.95844	40.67952	5.000000	0.0000000	1.0000000
## 749457	-73.97476	40.68162	7.500000	0.0000000	1.0000000
## 749504	-73.92365	40.86428	6.000000	0.0000000	1.0000000
## 749543	-73.96069	40.69011	4.500000	0.0000000	1.0000000
## 749604	-73.94992	40.68045	8.500000	0.0000000	1.0000000
## 750001	-73.91087	40.76412	5.000000	0.0000000	1.0000000
## 750095	-73.95271	40.77260	10.000000	0.0000000	1.0000000
## 750137	-73.97715	40.67654	12.500000	0.0000000	1.0000000
## 750378	-73.89494	40.86867	15.500000	0.0000000	1.0000000
## 750494	-73.89550	40.74172	5.000000	0.0000000	1.0000000
## 750702	-73.97604	40.78624	12.000000	0.0000000	1.0000000
## 750909	-73.90074	40.74592	7.000000	0.0000000	1.0000000
## 750912	-74.00259	40.72892	32.500000	0.0000000	1.0000000
## 751061	-73.95789	40.72195	13.000000	0.0000000	1.0000000
## 751253	-73.97749	40.78434	13.500000	0.0000000	1.0000000
## 751452	-73.92771	40.67517	14.500000	0.0000000	1.0000000
## 751679	-73.94188	40.83974	19.000000	0.0000000	1.0000000
## 751791	-73.99519	40.64605	16.500000	0.0000000	1.0000000
## 751824	-73.93510	40.67946	12.000000	0.0000000	1.0000000
## 752107	-73.89041	40.75244	10.500000	1.0000000	1.0000000
## 752648	-73.99174	40.75937	16.000000	1.0000000	1.0000000
## 752981	-73.95281	40.77673	10.500000	0.0000000	1.0000000
## 753301	-73.90591	40.75362	5.000000	0.0000000	1.0000000
## 753383	-73.94715	40.81577	4.500000	0.0000000	1.0000000
## 753577	-73.92324	40.69823	8.000000	0.0000000	1.0000000
## 753857	-73.98704	40.76608	16.000000	0.0000000	1.0000000
## 753894	-73.92795	40.68358	17.000000	0.0000000	1.0000000
## 753952	-73.96562	40.71048	8.500000	0.0000000	1.0000000
## 753998	-73.93723	40.76231	7.000000	0.0000000	1.0000000
## 754121	-73.99905	40.68491	6.000000	0.0000000	1.0000000
## 754132	-73.99226	40.72472	13.000000	0.0000000	1.0000000
## 754359	-73.90524	40.74812	8.500000	0.0000000	1.0000000
## 754943	-73.99339	40.72214	19.000000	0.0000000	1.0000000
## 755140	-73.96580	40.80793	10.500000	0.0000000	1.0000000
## 755607	-73.95795	40.81541	4.500000	0.0000000	1.0000000
## 755645	-73.86480	40.87994	14.000000	0.0000000	1.0000000
## 755946	-73.99467	40.69792	5.000000	0.0000000	1.0000000
## 755970	-73.81764	40.77743	9.000000	1.0000000	1.0000000
## 756115	-73.93269	40.76021	5.000000	0.0000000	1.0000000
## 756872	-73.95744	40.68917	10.000000	0.5000000	1.0000000
## 756906	-74.00003	40.68285	10.000000	0.5000000	1.0000000
## 757118	-73.95771	40.72462	5.000000	0.5000000	1.0000000
## 757878	-73.92864	40.68084	6.500000	0.5000000	1.0000000
## 757934	-73.85473	40.74484	8.500000	0.5000000	1.0000000
## 758008	-73.93947	40.81522	9.500000	0.5000000	1.0000000
## 758134	-73.95337	40.81777	6.500000	0.5000000	1.0000000
## 758161	-73.98786	40.72304	28.900000	0.0000000	0.0000000
## 758309	-73.98362	40.67678	10.500000	0.5000000	1.0000000
## 758398	-73.87522	40.74126	5.000000	0.5000000	1.0000000
## 758540	-73.92159	40.74268	22.500000	0.5000000	1.0000000
## 759410	-73.89632	40.82100	10.000000	0.0000000	0.0000000

## 759526	-73.96801	40.68038	6.000000	0.500000	1.000000
## 759631	-73.93889	40.68310	3.500000	0.500000	1.000000
## 760340	-73.98975	40.67306	5.000000	0.500000	1.000000
## 760628	-73.93524	40.81662	5.500000	0.500000	1.000000
## 760918	-73.96562	40.68696	9.000000	0.500000	1.000000
## 761046	-73.95686	40.68715	6.000000	0.500000	1.000000
## 761520	-73.90773	40.74095	29.000000	0.500000	1.000000
## 761528	-73.89845	40.73842	4.500000	0.500000	1.000000
## 761651	-73.93716	40.81604	9.000000	0.500000	1.000000
## 761749	-73.87946	40.75962	5.500000	0.500000	1.000000
## 761756	-74.00408	40.68397	6.500000	0.500000	1.000000
## 762488	-73.90376	40.88040	18.000000	0.500000	1.000000
## 762587	-73.83357	40.67299	25.000000	0.500000	1.000000
## 762802	-73.97097	40.69356	13.500000	0.500000	1.000000
## 763206	-73.96395	40.75688	19.000000	0.500000	1.000000
## 763435	-73.99213	40.68970	5.500000	0.500000	1.000000
## 763789	-73.94518	40.80671	5.000000	0.500000	1.000000
## 763973	-73.94465	40.71462	12.000000	0.500000	1.000000
## 764183	-73.99162	40.67084	6.000000	0.500000	1.000000
## 764411	-73.94524	40.82296	7.000000	0.500000	1.000000
## 765109	-73.99382	40.72053	24.000000	0.500000	1.000000
## 765142	-73.93616	40.85730	43.500000	0.500000	1.000000
## 765358	-73.95245	40.72319	5.000000	0.500000	1.000000
## 766354	-73.96294	40.66153	20.000000	0.500000	1.000000
## 766864	-73.98311	40.73056	26.000000	0.500000	1.000000
## 767789	-73.92936	40.83221	12.000000	0.500000	1.000000
## 768030	-73.94057	40.80002	6.000000	0.500000	1.000000
## 769250	-73.97960	40.67931	7.500000	0.500000	1.000000
## 769643	-73.95551	40.70700	11.000000	0.500000	1.000000
## 769739	-73.94032	40.69030	14.000000	0.500000	1.000000
## 769746	-73.97854	40.66269	22.500000	0.500000	1.000000
## 770087	-73.99307	40.74144	18.500000	0.500000	1.000000
## 770204	-73.75745	40.71566	13.500000	0.500000	1.000000
## 770627	-73.91873	40.69444	6.000000	0.500000	1.000000
## 770659	-73.98218	40.76188	13.500000	0.500000	1.000000
## 771081	-73.96092	40.68134	6.000000	0.500000	1.000000
## 771592	-73.95512	40.73571	4.500000	0.500000	1.000000
## 771671	-73.96806	40.68011	9.500000	0.500000	1.000000
## 772092	-73.97165	40.76229	22.000000	0.500000	1.000000
## 772234	-73.99209	40.68413	14.500000	0.500000	1.000000
## 772709	-74.00298	40.71804	10.500000	0.500000	1.000000
## 772820	-73.83752	40.69753	18.500000	0.500000	1.000000
## 772821	-73.94440	40.72748	5.500000	0.500000	1.000000
## 773015	-73.75428	40.60656	4.500000	0.500000	1.000000
## 773208	-73.95444	40.73601	6.500000	0.500000	1.000000
## 773593	-73.93604	40.85485	5.500000	0.500000	1.000000
## 773995	-73.95661	40.68557	12.000000	0.500000	1.000000
## 774410	-73.85753	40.74116	6.000000	0.500000	1.000000
## 774574	-73.98245	40.73149	19.000000	0.500000	1.000000
## 774660	-74.00969	40.64841	20.500000	0.500000	1.000000
## 774887	-73.99624	40.68766	10.500000	0.500000	1.000000
## 774927	-73.97169	40.63156	15.000000	0.500000	1.000000
## 775054	-73.96417	40.71931	4.500000	0.500000	1.000000
## 775079	-73.92110	40.76051	4.000000	0.500000	1.000000
## 775457	-73.96642	40.71296	7.500000	0.500000	1.000000
## 775627	-73.91719	40.76106	16.000000	0.500000	1.000000
## 775950	-73.98389	40.68059	4.000000	0.500000	1.000000
## 776111	-73.98881	40.68856	8.500000	0.500000	1.000000
## 776657	-73.97442	40.75627	22.500000	0.500000	1.000000
## 776947	-73.96815	40.68466	14.500000	0.500000	1.000000
## 776966	-73.89487	40.74455	5.000000	0.500000	1.000000
## 777973	-73.86385	40.73717	28.500000	0.500000	1.000000
## 779096	-73.97359	40.74794	14.500000	0.500000	1.000000
## 779955	-73.95503	40.68880	5.000000	0.500000	1.000000

## 780410	-73.98537	40.72747	12.500000	0.5000000	1.0000000
## 780591	-73.94195	40.81971	6.000000	0.5000000	1.0000000
## 780937	-73.86565	40.75751	8.000000	0.5000000	1.0000000
## 781994	-73.95168	40.72543	4.000000	0.5000000	1.0000000
## 782022	-73.94457	40.71542	6.000000	0.5000000	1.0000000
## 782706	-73.95761	40.72215	14.500000	0.5000000	1.0000000
## 782913	-73.92915	40.85476	24.500000	0.5000000	1.0000000
## 782973	-73.86252	40.86655	11.500000	0.5000000	1.0000000
## 783116	-73.98988	40.66012	22.500000	0.5000000	1.0000000
## 783218	-73.92445	40.76919	8.000000	0.5000000	1.0000000
## 783387	-73.94815	40.69244	10.000000	0.5000000	1.0000000
## 783441	-73.99493	40.68900	16.000000	0.5000000	1.0000000
## 784019	-73.80435	40.92601	37.500000	0.5000000	1.0000000
## 784204	-73.87730	40.74080	6.000000	0.5000000	1.0000000
## 784433	-73.93957	40.82685	9.000000	0.5000000	1.0000000
## 784589	-73.93575	40.76883	4.500000	0.5000000	1.0000000
## 784885	-73.87325	40.75122	15.000000	0.5000000	1.0000000
## 784992	-73.88732	40.64884	19.000000	0.5000000	1.0000000
## 785021	-73.99900	40.65956	19.500000	0.5000000	1.0000000
## 785423	-73.97472	40.65523	11.500000	0.5000000	1.0000000
## 785541	-73.87666	40.75455	4.500000	0.5000000	1.0000000
## 785581	-73.94605	40.71424	12.500000	0.5000000	1.0000000
## 785823	-73.94681	40.83722	7.500000	0.5000000	1.0000000
## 785919	-73.92244	40.76066	3.500000	0.5000000	1.0000000
## 786875	-73.87883	40.75609	6.500000	0.5000000	1.0000000
## 787169	-73.87793	40.88683	10.000000	0.0000000	0.0000000
## 788462	-73.91971	40.67803	16.500000	0.0000000	1.0000000
## 788741	-73.90353	40.82275	7.500000	0.0000000	1.0000000
## 789365	-73.91196	40.82714	7.500000	0.0000000	1.0000000
## 789472	-73.99342	40.72169	10.500000	0.0000000	1.0000000
## 789566	-73.87294	40.77440	29.000000	0.0000000	1.0000000
## 789601	-73.96484	40.68872	5.500000	0.0000000	1.0000000
## 789809	-74.01505	40.71589	12.000000	0.0000000	1.0000000
## 789954	-73.95235	40.71867	10.000000	0.0000000	1.0000000
## 790083	-73.92579	40.76217	3.000000	0.0000000	1.0000000
## 790164	-73.99429	40.72432	12.500000	0.0000000	1.0000000
## 790319	-73.99696	40.68024	5.000000	0.0000000	1.0000000
## 790427	-73.77631	40.64531	39.000000	0.0000000	1.0000000
## 790645	-73.95794	40.71803	4.000000	0.0000000	1.0000000
## 791519	-73.97241	40.67089	7.500000	0.0000000	1.0000000
## 792708	-73.85183	40.69169	15.500000	0.0000000	1.0000000
## 793017	-73.92501	40.76627	12.000000	0.0000000	1.0000000
## 793450	-73.95166	40.80958	3.500000	0.0000000	1.0000000
## 793758	-73.92545	40.80971	5.500000	0.0000000	1.0000000
## 793788	-73.97103	40.79315	10.500000	0.0000000	1.0000000
## 793898	-73.98147	40.78041	13.000000	0.0000000	1.0000000
## 794389	-73.97586	40.79549	14.000000	0.0000000	1.0000000
## 794536	-73.96111	40.80114	8.000000	0.0000000	1.0000000
## 794826	-73.93990	40.82021	12.000000	0.0000000	1.0000000
## 794985	-73.97660	40.76459	15.000000	0.0000000	1.0000000
## 795290	-73.95695	40.71441	12.500000	0.0000000	1.0000000
## 795710	-73.84034	40.72034	21.000000	0.0000000	1.0000000
## 796633	-73.90415	40.73575	6.000000	0.0000000	1.0000000
## 797513	-73.83327	40.75526	18.000000	0.0000000	1.0000000
## 797520	-73.89999	40.88496	14.500000	0.0000000	1.0000000
## 797530	-73.95744	40.76159	13.500000	0.0000000	1.0000000
## 797575	-73.77782	40.64688	40.000000	0.0000000	0.0000000
## 797919	-73.77633	40.64545	43.500000	0.0000000	1.0000000
## 798449	-73.95190	40.79313	17.000000	0.0000000	1.0000000
## 798475	-73.93824	40.80465	7.000000	0.0000000	1.0000000
## 798644	-73.87768	40.88430	55.000000	0.0000000	0.0000000
## 798755	-73.97242	40.64857	8.500000	0.0000000	1.0000000
## 798763	-73.93091	40.67939	2.500000	0.0000000	1.0000000
## 799382	-73.86527	40.75761	13.500000	0.0000000	1.0000000

## 799422	-73.89071	40.74775	11.000000	0.0000000	1.0000000
## 799429	-73.95554	40.77940	5.500000	0.0000000	1.0000000
## 799887	-73.92657	40.76916	9.500000	0.0000000	1.0000000
## 799891	-73.91940	40.68153	25.000000	0.0000000	1.0000000
## 800632	-73.99471	40.72124	27.000000	0.0000000	1.0000000
## 801283	-73.94353	40.82608	5.000000	0.0000000	1.0000000
## 801569	-73.99136	40.76126	18.500000	0.0000000	1.0000000
## 801916	-73.95310	40.79175	12.500000	0.0000000	1.0000000
## 802583	-73.93639	40.80396	52.000000	0.0000000	1.0000000
## 802624	-73.99653	40.72573	18.000000	0.0000000	1.0000000
## 802652	-73.98221	40.67487	5.500000	0.0000000	1.0000000
## 802704	-73.95298	40.72306	4.000000	0.0000000	1.0000000
## 802715	-73.97706	40.74320	18.500000	0.0000000	1.0000000
## 803229	-73.88921	40.74333	13.000000	0.0000000	1.0000000
## 803804	-73.96407	40.67186	16.500000	0.0000000	1.0000000
## 804506	-73.86572	40.77100	32.000000	0.0000000	0.0000000
## 804921	-73.92601	40.64466	7.000000	0.0000000	1.0000000
## 805260	-73.85907	40.74265	11.500000	0.0000000	1.0000000
## 805656	-73.95002	40.72812	8.000000	0.0000000	1.0000000
## 806130	-73.98499	40.73960	18.000000	0.0000000	1.0000000
## 807398	-73.94093	40.81385	9.000000	0.0000000	1.0000000
## 807725	-73.99507	40.68405	7.500000	0.0000000	1.0000000
## 808695	-73.96183	40.71397	7.500000	0.0000000	1.0000000
## 809124	-73.98969	40.76212	16.000000	0.0000000	1.0000000
## 809320	-73.93637	40.67766	6.000000	1.0000000	1.0000000
## 810164	-73.81924	40.71030	8.000000	0.0000000	1.0000000
## 810362	-73.91247	40.85561	5.500000	0.0000000	1.0000000
## 810422	-73.96720	40.79324	10.000000	0.0000000	1.0000000
## 810591	-73.83342	40.70424	6.000000	0.0000000	1.0000000
## 810595	-73.93585	40.75438	33.500000	0.0000000	1.0000000
## 810668	-73.95084	40.77088	10.500000	0.0000000	1.0000000
## 810856	-73.94537	40.80868	4.000000	0.0000000	1.0000000
## 810858	-73.93889	40.85112	6.000000	0.0000000	1.0000000
## 811320	-73.95071	40.71401	5.500000	0.0000000	1.0000000
## 811477	-73.93837	40.79821	7.000000	0.0000000	1.0000000
## 811823	-74.00728	40.74099	19.000000	0.0000000	1.0000000
## 811900	-74.00449	40.68328	6.000000	0.0000000	1.0000000
## 811914	-73.95030	40.68384	6.500000	0.0000000	1.0000000
## 811982	-73.80262	40.69410	27.000000	0.0000000	1.0000000
## 812026	-74.00317	40.72832	15.500000	0.0000000	1.0000000
## 812126	-73.90540	40.77581	15.500000	0.0000000	1.0000000
## 812975	-73.98875	40.69330	7.500000	0.0000000	1.0000000
## 813037	-73.95696	40.67433	8.500000	0.0000000	1.0000000
## 813061	-73.96583	40.79538	5.500000	0.0000000	1.0000000
## 814298	-73.87804	40.74540	7.000000	0.0000000	1.0000000
## 814686	-73.95992	40.68740	8.000000	0.5000000	1.0000000
## 815105	-73.94943	40.79021	5.500000	0.5000000	1.0000000
## 815736	-73.98093	40.74486	20.000000	0.5000000	1.0000000
## 815868	-73.94460	40.71448	5.000000	0.5000000	1.0000000
## 816068	-73.88024	40.72846	9.500000	0.5000000	1.0000000
## 816689	-73.98435	40.69038	15.500000	0.5000000	1.0000000
## 817023	-73.95825	40.73565	30.500000	0.5000000	1.0000000
## 817210	-73.93930	40.68753	12.000000	0.5000000	1.0000000
## 817548	-73.83379	40.67250	45.000000	0.0000000	0.0000000
## 817605	-73.94958	40.80461	5.500000	0.5000000	1.0000000
## 817916	-73.99462	40.72475	13.000000	0.5000000	1.0000000
## 818372	-73.97281	40.68594	5.000000	0.5000000	1.0000000
## 818492	-73.88141	40.74945	6.500000	0.5000000	1.0000000
## 819468	0.00000	0.00000	9.000000	0.5000000	1.0000000
## 820009	-73.73076	40.72168	16.000000	0.5000000	1.0000000
## 820122	-73.93625	40.79640	8.000000	0.5000000	1.0000000
## 820822	-73.97504	40.79108	21.000000	0.5000000	1.0000000
## 821114	-73.98184	40.77835	10.000000	0.5000000	1.0000000
## 821187	-73.94883	40.80175	37.000000	0.5000000	1.0000000

## 821260	-73.96363	40.67565	7.000000	0.500000	1.000000
## 821463	-73.95177	40.69158	5.000000	0.500000	1.000000
## 821759	-73.90034	40.73468	6.000000	0.500000	1.000000
## 821843	-73.94488	40.80853	3.500000	0.500000	1.000000
## 821899	-73.93100	40.67028	8.000000	0.500000	1.000000
## 821917	-73.93924	40.82502	8.500000	0.500000	1.000000
## 822651	-73.86183	40.75005	8.500000	0.500000	1.000000
## 822727	-73.91203	40.76470	15.000000	0.500000	1.000000
## 823029	-73.95429	40.67368	4.000000	0.500000	1.000000
## 823051	-73.99181	40.72186	13.500000	0.500000	1.000000
## 823187	-73.98111	40.68545	13.000000	0.500000	1.000000
## 823557	-73.94190	40.71670	7.000000	0.500000	1.000000
## 823643	-73.87228	40.74073	4.500000	0.500000	1.000000
## 823646	-73.88542	40.83764	21.500000	0.500000	1.000000
## 823935	-73.95222	40.79812	5.500000	0.500000	1.000000
## 824049	-73.81236	40.69921	5.500000	0.500000	1.000000
## 824398	-73.93990	40.81524	38.000000	0.500000	1.000000
## 824435	-73.94581	40.81617	13.000000	0.500000	1.000000
## 824735	-73.95899	40.71667	5.000000	0.500000	1.000000
## 824753	-73.98292	40.68614	4.500000	0.500000	1.000000
## 826168	-74.00792	40.64746	24.500000	0.500000	1.000000
## 826794	-73.87671	40.74841	3.000000	0.500000	1.000000
## 827480	-73.90910	40.74527	3.000000	0.500000	1.000000
## 827565	-74.00355	40.67639	17.000000	0.500000	1.000000
## 827574	-73.95229	40.70981	3.500000	0.500000	1.000000
## 827937	-73.94414	40.81445	9.000000	0.500000	1.000000
## 828908	-73.95441	40.68961	7.500000	0.500000	1.000000
## 829092	-74.18380	40.68848	60.000000	0.500000	0.000000
## 831249	-73.98085	40.75378	19.000000	0.000000	1.000000
## 831262	-73.83908	40.82707	14.000000	0.000000	1.000000
## 832243	-73.90369	40.73766	10.500000	0.000000	1.000000
## 832822	-73.95994	40.76957	10.000000	0.000000	1.000000
## 833066	-73.97272	40.78587	7.000000	0.000000	1.000000
## 833310	-73.87054	40.74904	7.500000	0.000000	1.000000
## 833644	-73.99013	40.68975	8.000000	0.000000	1.000000
## 834067	-73.92146	40.76683	4.000000	0.000000	1.000000
## 834350	-73.93938	40.80516	5.500000	0.000000	1.000000
## 834533	-73.96812	40.76213	11.500000	0.000000	1.000000
## 834566	-73.96798	40.76531	29.500000	0.000000	1.000000
## 835753	-73.94534	40.77833	20.500000	0.000000	1.000000
## 836132	-73.94485	40.69589	8.000000	0.000000	1.000000
## 836376	-73.97852	40.68284	6.500000	0.000000	1.000000
## 836836	-73.92525	40.76360	11.000000	0.000000	1.000000
## 837020	-73.97287	40.78035	20.500000	0.000000	1.000000
## 837278	-73.91241	40.75332	9.000000	0.000000	1.000000
## 837331	-73.83016	40.71367	52.000000	0.000000	1.000000
## 837375	-73.94611	40.72967	9.000000	0.000000	1.000000
## 837381	-73.95940	40.60828	13.000000	0.000000	1.000000
## 837555	-73.85827	40.72378	5.500000	0.000000	1.000000
## 837611	-73.99190	40.69069	8.000000	0.000000	1.000000
## 837745	-73.95906	40.71662	6.000000	0.000000	1.000000
## 838195	-73.96206	40.80458	7.500000	0.000000	1.000000
## 838496	-73.89061	40.73886	9.000000	0.000000	1.000000
## 838593	-73.86281	40.74958	7.500000	0.000000	1.000000
## 839071	-73.95912	40.81434	9.000000	0.000000	1.000000
## 839118	-73.95689	40.77744	14.500000	0.000000	1.000000
## 839182	-73.84402	40.70940	8.000000	0.000000	1.000000
## 839391	-73.95203	40.77706	17.500000	0.000000	1.000000
## 839435	-73.88046	40.70478	18.000000	0.000000	1.000000
## 839744	-73.92117	40.75681	6.000000	0.000000	1.000000
## 839859	-73.89724	40.78007	8.000000	0.000000	1.000000
## 840490	-73.90784	40.88326	3.500000	0.000000	1.000000
## 840867	-73.91478	40.74292	11.500000	0.000000	1.000000
## 840977	-73.89358	40.74762	11.000000	0.000000	1.000000

## 841083	-73.95281	40.81057	6.500000	0.0000000	1.0000000
## 841557	-73.91310	40.76296	9.000000	0.0000000	1.0000000
## 842362	-73.96085	40.77995	7.500000	0.0000000	1.0000000
## 842559	-73.96201	40.80561	3.500000	0.0000000	1.0000000
## 843005	-73.96296	40.81118	5.000000	0.0000000	1.0000000
## 843571	-73.95071	40.78574	9.500000	0.0000000	1.0000000
## 844617	-73.97740	40.75455	18.000000	0.0000000	1.0000000
## 844678	-73.90240	40.77362	10.000000	0.0000000	1.0000000
## 845097	-73.94061	40.76494	0.000000	0.0000000	0.0000000
## 845408	-73.91331	40.78143	4.000000	0.0000000	1.0000000
## 845452	-73.92404	40.75391	5.000000	0.0000000	1.0000000
## 845873	-73.95565	40.66999	5.500000	0.0000000	1.0000000
## 846015	-73.77637	40.64573	50.000000	0.0000000	1.0000000
## 846210	-73.94125	40.84912	5.000000	0.0000000	1.0000000
## 846408	-73.80495	40.71619	7.500000	0.0000000	1.0000000
## 846583	-73.92645	40.68449	14.000000	0.0000000	1.0000000
## 847008	-73.95007	40.79611	6.500000	1.0000000	1.0000000
## 847080	-73.98544	40.76775	15.000000	0.0000000	1.0000000
## 847168	-73.88451	40.74044	11.500000	0.0000000	1.0000000
## 848392	-73.91692	40.76700	5.500000	0.0000000	1.0000000
## 848492	-73.96978	40.69312	4.000000	0.0000000	1.0000000
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## 849012	-73.94755	40.67504	8.000000	0.0000000	1.0000000
## 849624	-73.95214	40.73271	10.500000	0.0000000	1.0000000
## 849665	-73.96352	40.65126	39.000000	0.0000000	1.0000000
## 849772	-73.89095	40.74699	6.500000	0.0000000	1.0000000
## 849899	-73.96309	40.79407	10.500000	0.0000000	1.0000000
## 849963	-73.97924	40.66841	4.000000	0.0000000	1.0000000
## 850133	-73.86569	40.72570	9.000000	0.0000000	1.0000000
## 850169	-73.86081	40.84066	13.000000	0.0000000	0.0000000
## 850267	-73.94077	40.72599	6.000000	0.0000000	1.0000000
## 850378	-74.00431	40.65082	9.000000	0.0000000	1.0000000
## 850866	-73.87959	40.67953	35.500000	0.0000000	1.0000000
## 850903	-73.96252	40.72002	19.000000	0.0000000	1.0000000
## 851008	-73.84486	40.75499	15.000000	0.0000000	1.0000000
## 851213	-73.94815	40.82445	12.500000	0.0000000	1.0000000
## 852014	-73.94764	40.63261	14.500000	0.0000000	1.0000000
## 852131	-73.91425	40.80583	11.500000	0.0000000	1.0000000
## 853105	-73.97984	40.66893	8.500000	0.0000000	1.0000000
## 853292	-73.98315	40.69668	5.500000	0.0000000	1.0000000
## 853375	-73.81617	40.71131	13.500000	0.0000000	1.0000000
## 854149	-73.95803	40.65897	9.500000	0.0000000	1.0000000
## 854365	-73.93948	40.81588	5.000000	0.0000000	1.0000000
## 854369	-73.94457	40.71456	5.500000	0.0000000	1.0000000
## 854840	-73.93856	40.68514	6.500000	1.0000000	1.0000000
## 854869	-73.92185	40.76231	5.500000	1.0000000	1.0000000
## 855384	-73.92306	40.81678	15.000000	0.0000000	0.0000000
## 855588	-73.96258	40.68726	5.500000	0.5000000	1.0000000
## 856143	-73.94957	40.78080	9.500000	0.5000000	1.0000000
## 856411	-73.83403	40.68833	10.500000	0.5000000	1.0000000
## 856441	-73.80388	40.68736	5.500000	0.5000000	1.0000000
## 856683	-73.96865	40.69225	5.500000	0.5000000	1.0000000
## 856685	-73.85827	40.74689	7.500000	0.5000000	1.0000000
## 857782	-73.94822	40.83565	4.500000	0.5000000	1.0000000
## 858505	-73.97639	40.79468	16.500000	0.5000000	1.0000000
## 858616	-73.93709	40.80515	33.000000	0.5000000	1.0000000
## 858740	-73.86324	40.73743	4.000000	0.5000000	1.0000000
## 858907	-73.88168	40.73742	4.000000	0.5000000	1.0000000
## 859154	-73.98525	40.71548	12.000000	0.0000000	1.0000000
## 859168	-73.99141	40.72389	15.000000	0.5000000	1.0000000
## 859782	-73.87516	40.75473	8.000000	0.5000000	1.0000000
## 859801	-73.96613	40.70471	10.500000	0.5000000	1.0000000
## 859835	-73.81609	40.75595	6.000000	0.5000000	1.0000000
## 860210	-73.91588	40.77987	8.500000	0.5000000	1.0000000

## 860275	-73.85680	40.81553	10.000000	0.500000	1.000000
## 860608	-73.97127	40.75809	10.500000	0.500000	1.000000
## 861073	-73.98550	40.66022	5.000000	0.500000	1.000000
## 861376	-73.98137	40.77836	14.000000	0.500000	1.000000
## 861556	-73.95327	40.78853	10.000000	0.500000	1.000000
## 861720	-73.98195	40.77802	17.500000	0.500000	1.000000
## 862110	-73.94016	40.79470	6.500000	0.500000	1.000000
## 862141	-74.00953	40.62157	35.000000	0.500000	1.000000
## 862571	-73.94596	40.78186	6.000000	0.500000	1.000000
## 862910	-73.94336	40.79601	4.500000	0.500000	1.000000
## 863298	-73.97999	40.69355	7.000000	0.500000	1.000000
## 863334	-73.87769	40.82630	5.000000	0.500000	1.000000
## 864259	-73.92238	40.77131	30.000000	0.500000	1.000000
## 865526	-73.95924	40.77695	13.500000	0.500000	1.000000
## 865582	-73.99106	40.75126	15.000000	0.500000	1.000000
## 866182	-73.95386	40.77788	8.500000	0.000000	1.000000
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## 867119	-73.92113	40.82943	14.500000	0.000000	1.000000
## 867639	-73.92239	40.82667	13.000000	0.000000	1.000000
## 868021	-73.86106	40.72089	6.500000	0.000000	1.000000
## 868575	-73.93694	40.80201	3.500000	0.000000	1.000000
## 868931	-73.88097	40.87951	8.000000	0.000000	1.000000
## 869098	-73.98052	40.76567	23.500000	0.000000	1.000000
## 869309	-73.95853	40.77835	4.500000	0.000000	1.000000
## 869606	-73.82942	40.75738	12.000000	0.000000	1.000000
## 870397	-73.97011	40.79670	5.500000	0.000000	1.000000
## 871645	-73.92819	40.74289	10.000000	0.000000	1.000000
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## 871934	-73.94227	40.78896	4.500000	0.000000	1.000000
## 871949	-73.91074	40.85868	17.500000	0.000000	1.000000
## 872193	-73.89394	40.83479	7.000000	0.000000	1.000000
## 872870	-73.96134	40.73169	3.500000	0.000000	1.000000
## 872951	-73.94497	40.80867	8.500000	0.000000	1.000000
## 873142	-73.99726	40.68872	3.500000	0.000000	1.000000
## 873242	-73.86508	40.77061	24.000000	0.000000	1.000000
## 873722	-73.98189	40.57563	9.500000	0.000000	1.000000
## 873872	-73.94338	40.80686	6.000000	0.000000	1.000000
## 873910	-73.95229	40.78979	11.000000	0.000000	1.000000
## 874228	-73.95479	40.76554	20.500000	0.000000	1.000000
## 874245	-73.88386	40.75182	5.500000	0.000000	1.000000
## 874462	-73.95819	40.80229	6.000000	0.000000	1.000000
## 874597	-73.99209	40.69359	4.000000	0.000000	1.000000
## 874630	-73.93590	40.82622	12.500000	0.000000	1.000000
## 874697	-73.98134	40.57579	6.000000	0.000000	1.000000
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## 874818	-73.98361	40.68642	9.000000	0.000000	1.000000
## 875335	-73.95251	40.78940	30.500000	0.000000	1.000000
## 875696	-73.96526	40.80591	10.000000	0.000000	1.000000
## 875725	0.00000	0.00000	13.500000	0.000000	1.000000
## 875777	-73.95605	40.69302	7.000000	0.000000	1.000000
## 876108	-73.97443	40.78731	9.000000	0.000000	1.000000
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## 877081	-73.96104	40.71886	6.500000	0.000000	1.000000
## 877502	-73.83427	40.86240	35.000000	0.000000	1.000000
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## 877604	-73.79073	40.64544	35.000000	0.000000	0.000000
## 877615	-73.93935	40.80481	8.000000	0.000000	1.000000
## 878325	-73.92898	40.82199	6.000000	0.000000	1.000000
## 878938	-73.95749	40.78533	9.000000	0.000000	1.000000
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## 879803	-73.97437	40.67971	8.500000	0.000000	1.000000
## 879851	-73.98121	40.76861	18.000000	0.000000	1.000000
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## 880610	-73.94694	40.79131	3.500000	0.0000000	1.0000000
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## 881403	-73.95130	40.72560	4.000000	0.0000000	1.0000000
## 881448	-73.93653	40.85286	2.500000	0.0000000	1.0000000
## 881858	-73.96659	40.63140	41.500000	0.0000000	1.0000000
## 882546	-73.94509	40.79945	5.500000	0.0000000	1.0000000
## 882611	-73.97110	40.79513	6.000000	0.0000000	1.0000000
## 882714	-73.89197	40.82036	10.000000	0.0000000	0.0000000
## 883289	-73.94552	40.80806	5.500000	0.0000000	1.0000000
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## 884070	-73.95966	40.81040	9.500000	0.0000000	1.0000000
## 884448	-73.91512	40.76395	23.000000	0.0000000	1.0000000
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## 885649	-73.94828	40.78423	10.000000	1.0000000	1.0000000
## 886371	-73.96148	40.81203	4.500000	1.0000000	1.0000000
## 886541	-73.95144	40.78775	2.500000	1.0000000	1.0000000
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## 886684	-73.93002	40.77311	6.500000	1.0000000	1.0000000
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## 887789	-73.79298	40.78506	13.500000	1.0000000	1.0000000
## 887813	-73.89658	40.74304	6.500000	1.0000000	1.0000000
## 888395	-73.98400	40.69010	38.000000	1.0000000	1.0000000
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## 889102	-73.78368	40.64364	53.500000	1.0000000	1.0000000
## 889448	-73.87125	40.73941	12.000000	1.0000000	1.0000000
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## 890351	-73.95172	40.78295	11.500000	1.0000000	1.0000000
## 890522	-73.95025	40.76142	4.500000	1.0000000	1.0000000
## 890584	-73.97160	40.79713	6.500000	1.0000000	1.0000000
## 890596	-73.82044	40.76206	7.500000	1.0000000	1.0000000
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## 891311	-73.94912	40.77839	7.500000	1.0000000	1.0000000
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## 891764	-73.93144	40.76190	5.500000	1.0000000	1.0000000
## 891836	-73.84798	40.71005	7.500000	1.0000000	1.0000000
## 891982	-73.94111	40.82901	4.000000	1.0000000	1.0000000
## 892252	-73.97710	40.77885	9.500000	1.0000000	1.0000000
## 892324	-73.97921	40.77677	9.500000	1.0000000	1.0000000
## 892407	-73.83329	40.76346	5.500000	1.0000000	1.0000000
## 892565	-73.93932	40.80510	8.000000	1.0000000	1.0000000
## 892566	-73.97285	40.75523	23.500000	1.0000000	1.0000000
## 892739	-73.89770	40.77033	8.000000	1.0000000	1.0000000
## 893010	-73.95822	40.71729	5.000000	1.0000000	1.0000000
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## 893860	-73.99809	40.70696	48.500000	1.0000000	1.0000000
## 893870	-73.91395	40.76559	6.000000	1.0000000	1.0000000
## 893891	-73.85457	40.74245	10.000000	1.0000000	1.0000000
## 894067	-73.93697	40.69982	16.000000	1.0000000	1.0000000
## 894071	-73.96004	40.71255	7.500000	1.0000000	1.0000000
## 894449	-73.97346	40.76372	10.500000	1.0000000	1.0000000
## 894462	-73.89773	40.73295	8.000000	1.0000000	1.0000000
## 894567	-73.94978	40.68712	8.000000	1.0000000	1.0000000
## 894885	-73.97781	40.68454	10.000000	1.0000000	1.0000000
## 896111	-73.96781	40.79964	5.000000	1.0000000	1.0000000
## 896156	-73.84973	40.71251	11.000000	1.0000000	1.0000000
## 896408	-73.94518	40.80807	6.000000	1.0000000	1.0000000
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## 897843	-73.96318	40.80873	5.000000	1.0000000	1.0000000
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## 898600	-73.92839	40.70478	8.500000	0.5000000	1.0000000
## 898812	-73.79250	40.69822	23.500000	0.5000000	1.0000000
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## 898958	-73.86081	40.71703	6.500000	0.5000000	1.0000000
## 899110	-73.98438	40.69378	4.500000	0.5000000	1.0000000
## 899201	-73.95526	40.74598	22.500000	0.5000000	1.0000000
## 900123	-73.96007	40.71393	10.500000	0.5000000	1.0000000
## 900738	-73.87510	40.75111	6.000000	0.5000000	1.0000000
## 900748	-73.95892	40.68092	12.000000	1.0000000	1.0000000
## 900897	-73.82475	40.71574	6.366137	0.3656521	0.9806495
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## 902659	-73.94247	40.66661	12.500000	0.5000000	1.0000000
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## 902994	-73.97527	40.77744	10.000000	0.5000000	1.0000000
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## 906065	-73.95899	40.67374	15.500000	0.5000000	1.0000000
## 906502	-73.91893	40.70343	6.000000	0.5000000	1.0000000
## 906794	-73.96485	40.75658	16.000000	0.5000000	1.0000000
## 906849	-73.79959	40.70747	30.500000	0.5000000	1.0000000
## 907000	-73.87685	40.73780	5.500000	0.5000000	1.0000000
## 907278	-73.95465	40.68702	11.000000	0.5000000	1.0000000
## 907537	-73.90870	40.78143	4.000000	0.5000000	1.0000000
## 907580	-73.88934	40.75193	4.500000	0.5000000	1.0000000
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## 909031	-73.94283	40.85059	6.000000	0.5000000	1.0000000
## 909517	-73.94054	40.71895	5.000000	0.5000000	1.0000000
## 909570	-73.99448	40.74058	12.500000	0.5000000	1.0000000
## 909719	-73.92003	40.76317	3.500000	0.5000000	1.0000000
## 909955	-73.95374	40.78137	5.500000	0.0000000	1.0000000
## 910197	-73.95240	40.81074	4.000000	0.0000000	1.0000000
## 910473	-73.97354	40.75444	11.000000	0.0000000	1.0000000
## 910538	-73.97728	40.68391	5.000000	0.0000000	1.0000000
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## 911545	-73.97252	40.75924	19.000000	0.0000000	1.0000000
## 911574	-73.93144	40.72404	17.500000	0.0000000	1.0000000
## 911872	-73.95530	40.70990	12.500000	0.0000000	1.0000000
## 911875	-73.99036	40.75490	27.000000	0.0000000	1.0000000
## 912100	-73.96587	40.71271	7.000000	0.0000000	1.0000000
## 912270	-73.95788	40.81606	4.000000	0.0000000	1.0000000
## 912532	-73.92602	40.81311	11.000000	0.0000000	1.0000000
## 912770	-73.98366	40.72456	31.500000	0.0000000	1.0000000
## 912833	-73.94559	40.82806	4.000000	0.0000000	1.0000000
## 913293	-73.93757	40.80432	8.000000	0.0000000	1.0000000
## 913759	-73.95773	40.71592	5.000000	0.0000000	1.0000000
## 913957	-73.99341	40.67772	11.000000	0.0000000	1.0000000
## 914178	-73.89402	40.66959	10.500000	0.0000000	1.0000000

## 915021	-73.94242	40.75414	9.500000	0.0000000	1.0000000
## 915139	-73.95326	40.76565	22.500000	0.0000000	1.0000000
## 915203	-73.85683	40.84781	12.000000	0.0000000	0.0000000
## 915460	-73.96112	40.81019	5.000000	0.0000000	1.0000000
## 915577	-73.93623	40.67378	6.000000	0.0000000	1.0000000
## 915643	-73.94237	40.78886	5.000000	0.0000000	1.0000000
## 915772	-73.97308	40.66927	5.000000	0.0000000	1.0000000
## 915773	-73.99559	40.66363	8.500000	0.0000000	1.0000000
## 915817	-73.94112	40.80795	5.500000	0.0000000	1.0000000
## 915857	-74.00568	40.70479	21.500000	0.0000000	1.0000000
## 916216	-73.90355	40.88051	6.500000	0.0000000	1.0000000
## 916572	-73.97729	40.74963	23.000000	0.0000000	1.0000000
## 916612	-73.96980	40.75876	24.000000	0.0000000	1.0000000
## 916739	-73.95090	40.82072	6.500000	0.0000000	1.0000000
## 916954	-73.97769	40.75848	18.000000	0.0000000	1.0000000
## 917239	-73.99135	40.72323	19.500000	0.0000000	1.0000000
## 917847	-74.00463	40.71634	35.500000	0.0000000	1.0000000
## 917993	-73.80399	40.71716	10.000000	0.0000000	1.0000000
## 918193	-73.92120	40.75636	6.500000	0.0000000	1.0000000
## 918196	-73.97540	40.67065	10.500000	0.0000000	1.0000000
## 918703	-73.95632	40.81345	6.500000	0.0000000	1.0000000
## 918933	-73.97319	40.66914	5.000000	0.0000000	1.0000000
## 919104	-74.00954	40.71283	11.500000	0.0000000	1.0000000
## 919479	-73.86494	40.77045	13.500000	0.0000000	1.0000000
## 919637	-73.95882	40.77827	11.500000	0.0000000	1.0000000
## 920494	-73.99779	40.72419	18.500000	0.0000000	1.0000000
## 920899	-73.96624	40.80081	6.500000	0.0000000	1.0000000
## 921042	-73.94907	40.68033	6.000000	0.0000000	1.0000000
## 921369	-73.88974	40.74775	28.000000	0.0000000	1.0000000
## 921399	-73.82007	40.74401	9.500000	0.0000000	1.0000000
## 921628	-73.92242	40.76905	2.500000	0.0000000	1.0000000
## 921674	-73.97794	40.69034	4.500000	0.0000000	1.0000000
## 922007	-73.90432	40.87942	15.500000	0.0000000	1.0000000
## 922156	-73.80891	40.73452	14.000000	0.0000000	1.0000000
## 922415	-73.99802	40.68981	9.500000	0.0000000	1.0000000
## 923144	-73.97131	40.67134	12.000000	0.0000000	1.0000000
## 923716	-73.89780	40.81734	15.500000	0.0000000	1.0000000
## 925225	-73.91306	40.87297	12.500000	0.0000000	1.0000000
## 925459	-73.90829	40.88535	7.500000	0.0000000	1.0000000
## 925651	-73.92767	40.76312	5.000000	0.0000000	1.0000000
## 925988	-73.95450	40.76568	14.000000	0.0000000	1.0000000
## 926930	-73.89785	40.74571	4.500000	0.0000000	1.0000000
## 927910	-73.97856	40.68995	7.000000	0.0000000	1.0000000
## 928549	-73.81306	40.73017	22.500000	0.0000000	1.0000000
## 928968	-73.95452	40.77574	10.000000	0.0000000	1.0000000
## 928983	-73.94303	40.67136	17.000000	0.0000000	1.0000000
## 930143	-74.01079	40.70851	13.500000	1.0000000	1.0000000
## 930220	-73.97765	40.75225	25.500000	1.0000000	1.0000000
## 930321	-73.94717	40.81179	5.500000	1.0000000	1.0000000
## 930985	-73.98540	40.76887	22.500000	1.0000000	1.0000000
## 931194	-73.83350	40.67338	18.500000	1.0000000	1.0000000
## 931429	-73.90594	40.77177	5.000000	1.0000000	1.0000000
## 931667	-73.88358	40.68102	21.500000	1.0000000	1.0000000
## 931764	-73.95789	40.80354	7.500000	1.0000000	1.0000000
## 932683	-73.93953	40.80948	5.000000	1.0000000	1.0000000
## 932801	-73.99247	40.69422	6.500000	1.0000000	1.0000000
## 932940	-73.94646	40.80835	5.000000	1.0000000	1.0000000
## 932998	-73.95400	40.76531	13.500000	1.0000000	1.0000000
## 933077	-73.87386	40.75491	20.000000	1.0000000	1.0000000
## 933197	-73.95167	40.81030	6.500000	1.0000000	1.0000000
## 933465	-73.98158	40.71556	15.500000	1.0000000	1.0000000
## 933560	-73.95088	40.68319	14.000000	0.0000000	0.0000000
## 933587	-73.95073	40.79245	8.500000	1.0000000	1.0000000
## 933588	-73.95121	40.78607	4.000000	1.0000000	1.0000000

## 933727	-73.84792	40.71535	4.000000	1.0000000	1.0000000
## 934109	-74.00109	40.68536	4.500000	1.0000000	1.0000000
## 934151	-73.96316	40.80870	9.500000	1.0000000	1.0000000
## 934189	-73.94501	40.70768	7.500000	1.0000000	1.0000000
## 934414	-73.94141	40.80604	5.500000	1.0000000	1.0000000
## 935961	-73.94251	40.68416	11.500000	1.0000000	1.0000000
## 936460	-73.77637	40.64517	71.500000	0.0000000	0.0000000
## 936560	-73.85427	40.74269	10.000000	1.0000000	1.0000000
## 937126	-73.88653	40.73979	6.500000	1.0000000	1.0000000
## 937138	-73.95374	40.72477	17.500000	1.0000000	1.0000000
## 937210	-73.97672	40.67337	13.500000	1.0000000	1.0000000
## 938077	-73.90797	40.89346	9.000000	1.0000000	1.0000000
## 938416	-73.85189	40.72939	6.000000	1.0000000	1.0000000
## 938491	-73.95625	40.66760	12.000000	1.0000000	1.0000000
## 938614	-73.95644	40.70645	6.500000	1.0000000	1.0000000
## 939262	-73.94685	40.77191	9.500000	1.0000000	1.0000000
## 939372	-73.97681	40.67343	7.500000	1.0000000	1.0000000
## 940123	-73.86380	40.73268	8.500000	1.0000000	1.0000000
## 940370	-73.87962	40.74819	3.500000	1.0000000	1.0000000
## 940402	-73.94029	40.82380	5.500000	1.0000000	1.0000000
## 940762	-73.96030	40.71008	6.500000	1.0000000	1.0000000
## 941142	-73.95139	40.78557	4.500000	0.5000000	1.0000000
## 941339	-73.93079	40.77428	8.000000	0.5000000	1.0000000
## 941340	-73.92958	40.76245	5.000000	0.5000000	1.0000000
## 941706	-73.80164	40.67951	10.500000	0.5000000	1.0000000
## 941926	-73.91829	40.75986	8.500000	0.5000000	1.0000000
## 942069	-73.87663	40.70924	9.000000	0.5000000	1.0000000
## 942376	-73.85011	40.82685	17.500000	0.5000000	1.0000000
## 942435	-73.94841	40.71793	14.000000	0.0000000	0.0000000
## 942959	-73.95967	40.71807	13.000000	0.5000000	1.0000000
## 942974	-73.97601	40.69437	6.000000	0.5000000	1.0000000
## 943238	-73.80723	40.68844	6.000000	0.5000000	1.0000000
## 943412	-73.95216	40.72341	9.000000	0.5000000	1.0000000
## 943586	-73.86148	40.83920	25.000000	0.5000000	1.0000000
## 943864	-73.92611	40.81269	4.500000	0.5000000	1.0000000
## 943921	-73.97826	40.74586	18.000000	0.5000000	1.0000000
## 944350	-73.94904	40.79716	7.000000	0.5000000	1.0000000
## 944879	-73.99049	40.69233	14.000000	0.5000000	1.0000000
## 945139	-73.95025	40.77153	10.500000	0.5000000	1.0000000
## 945229	-73.98701	40.68373	9.000000	0.5000000	1.0000000
## 945285	-73.96767	40.75968	22.000000	0.5000000	1.0000000
## 945652	-73.98278	40.69360	4.500000	0.5000000	1.0000000
## 945958	-73.96955	40.67602	8.500000	0.5000000	1.0000000
## 945961	-73.94581	40.80722	4.000000	0.5000000	1.0000000
## 946030	-73.98468	40.70322	8.500000	0.5000000	1.0000000
## 946123	-73.81643	40.71320	9.000000	0.5000000	1.0000000
## 946306	-73.90884	40.76326	4.000000	0.5000000	1.0000000
## 946635	-73.95409	40.81135	6.000000	0.5000000	1.0000000
## 946919	-73.94313	40.80765	5.500000	0.5000000	1.0000000
## 947023	-73.96490	40.68379	4.500000	0.5000000	1.0000000
## 947267	-73.99512	40.75014	21.000000	0.5000000	1.0000000
## 947272	-73.98734	40.71434	9.500000	0.5000000	1.0000000
## 947391	-73.95087	40.69962	8.000000	0.5000000	1.0000000
## 947411	-73.97633	40.78877	11.500000	0.5000000	1.0000000
## 947498	-73.84412	40.72114	17.500000	0.5000000	1.0000000
## 947937	-73.89622	40.66610	19.500000	0.5000000	1.0000000
## 948010	-73.93023	40.68918	2.500000	0.5000000	1.0000000
## 948152	-73.93217	40.79525	4.000000	0.5000000	1.0000000
## 948213	-73.89556	40.75978	6.500000	0.5000000	1.0000000
## 948640	-73.91617	40.82928	8.000000	0.0000000	0.0000000
## 948688	-73.95744	40.74541	10.500000	0.5000000	1.0000000
## 948725	-73.93018	40.70095	9.000000	0.5000000	1.0000000
## 950068	-73.92888	40.70056	13.000000	0.5000000	1.0000000
## 950844	-73.92270	40.67464	17.500000	0.5000000	1.0000000

## 951358	-73.96436	40.71320	6.000000	0.5000000	1.0000000
## 951405	-73.97339	40.67780	5.500000	0.5000000	1.0000000
## 951458	-73.94621	40.69464	5.500000	0.5000000	1.0000000
## 952012	-73.92748	40.69257	7.000000	0.5000000	1.0000000
## 952384	-73.98849	40.72653	11.500000	0.5000000	1.0000000
## 952470	-73.86425	40.74517	5.500000	0.5000000	1.0000000
## 952786	-73.97311	40.76166	17.000000	0.5000000	1.0000000
## 953093	-73.94912	40.71274	4.500000	0.5000000	1.0000000
## 953190	-73.98999	40.73053	15.000000	0.5000000	1.0000000
## 953238	-73.98121	40.77412	18.500000	0.5000000	1.0000000
## 953313	-73.92926	40.81250	6.218134	0.3209553	0.9630500
## 953844	-73.89446	40.72911	23.000000	0.5000000	1.0000000
## 954046	-73.91016	40.76961	10.000000	0.5000000	1.0000000
## 954204	-73.77666	40.64492	52.000000	0.0000000	1.0000000
## 955334	-73.91674	40.67352	15.000000	0.0000000	0.0000000
## 955642	-73.96295	40.80399	8.500000	0.0000000	1.0000000
## 955843	-73.93656	40.81432	16.500000	0.0000000	1.0000000
## 956752	-73.97199	40.75546	22.500000	0.0000000	1.0000000
## 956830	-73.96479	40.79938	6.500000	0.0000000	1.0000000
## 956959	-73.98743	40.73903	29.500000	0.0000000	1.0000000
## 957113	-73.96777	40.69872	8.000000	0.0000000	1.0000000
## 957682	-73.94106	40.83732	10.000000	0.0000000	1.0000000
## 957945	-73.93185	40.67948	10.500000	0.0000000	1.0000000
## 957966	-73.89144	40.82494	10.000000	0.0000000	0.0000000
## 958045	-73.92989	40.80737	11.000000	0.0000000	1.0000000
## 958156	-73.97575	40.67449	19.500000	0.0000000	1.0000000
## 958278	-73.92753	40.81841	5.000000	0.0000000	1.0000000
## 958823	-73.95226	40.80403	7.000000	0.0000000	1.0000000
## 959471	-73.87254	40.77430	20.000000	0.0000000	1.0000000
## 959569	-73.96419	40.70886	19.000000	0.0000000	1.0000000
## 959638	-73.95696	40.66528	2.500000	0.0000000	1.0000000
## 959957	-73.94054	40.80486	5.000000	0.0000000	1.0000000
## 960765	-74.00450	40.74181	19.500000	0.0000000	1.0000000
## 961115	-73.97551	40.67431	4.500000	0.0000000	1.0000000
## 961675	-73.96216	40.66073	6.000000	0.0000000	1.0000000
## 962105	-73.87200	40.77444	22.500000	0.0000000	1.0000000
## 962161	-73.97886	40.75256	26.000000	0.0000000	1.0000000
## 962196	-73.97858	40.67566	8.500000	0.0000000	1.0000000
## 962242	-73.89121	40.76012	8.000000	0.0000000	1.0000000
## 962865	-73.93848	40.84946	16.500000	0.0000000	1.0000000
## 963118	-73.92243	40.64488	11.000000	0.0000000	1.0000000
## 963419	-73.93582	40.69682	10.000000	0.0000000	1.0000000
## 963893	-73.92482	40.76268	7.500000	0.0000000	1.0000000
## 964388	-73.95450	40.73305	8.000000	0.0000000	1.0000000
## 964573	-73.94447	40.83486	4.500000	0.0000000	1.0000000
## 964855	-73.86282	40.75983	7.500000	0.0000000	1.0000000
## 964988	-73.90172	40.73938	7.500000	0.0000000	1.0000000
## 965021	-73.97415	40.68625	5.500000	0.0000000	1.0000000
## 965075	-73.95496	40.76403	17.000000	0.0000000	1.0000000
## 965249	-73.90000	40.73419	16.000000	0.0000000	1.0000000
## 966416	-73.93862	40.82205	8.500000	0.0000000	1.0000000
## 967109	-74.00837	40.72669	24.000000	0.0000000	1.0000000
## 967161	-74.00583	40.72516	13.500000	0.0000000	1.0000000
## 967198	-73.94495	40.72821	21.500000	0.0000000	1.0000000
## 967824	-74.02164	40.63186	27.000000	0.0000000	1.0000000
## 968039	-73.91736	40.87237	4.000000	0.0000000	1.0000000
## 968198	-73.99680	40.74047	24.500000	0.0000000	1.0000000
## 968547	-73.83259	40.75243	25.000000	0.0000000	1.0000000
## 969273	-73.95195	40.65066	18.000000	0.0000000	1.0000000
## 969602	-73.94480	40.65459	35.500000	0.0000000	1.0000000
## 970356	-73.93398	40.69321	7.000000	0.0000000	1.0000000
## 970564	-73.96399	40.80233	6.000000	0.0000000	1.0000000
## 970756	-73.96692	40.77245	13.500000	0.0000000	1.0000000
## 971151	-73.96460	40.79184	7.000000	0.0000000	1.0000000

## 971158	-73.93701	40.85117	41.500000	0.0000000	1.0000000
## 971441	-73.96785	40.80293	4.000000	0.0000000	1.0000000
## 971551	-74.02053	40.63488	21.000000	0.0000000	1.0000000
## 971744	-73.93924	40.83966	4.500000	0.0000000	1.0000000
## 971931	-73.86288	40.76890	30.000000	0.0000000	1.0000000
## 973261	-73.87836	40.76941	9.500000	0.0000000	1.0000000
## 973860	-73.94049	40.80291	7.000000	0.0000000	1.0000000
## 974000	-73.87026	40.77342	29.500000	0.0000000	1.0000000
## 974039	-73.97724	40.78350	23.500000	0.0000000	1.0000000
## 974060	-73.96468	40.76703	13.000000	1.0000000	1.0000000
## 974292	-73.85315	40.84182	8.000000	0.0000000	1.0000000
## 974808	-73.94696	40.83668	4.500000	1.0000000	1.0000000
## 974966	-73.94151	40.84352	13.500000	1.0000000	1.0000000
## 975160	-73.97425	40.68565	10.000000	1.0000000	1.0000000
## 975204	-73.92303	40.82380	10.000000	0.0000000	0.0000000
## 975679	-74.01040	40.70940	9.500000	1.0000000	1.0000000
## 975886	-73.94424	40.82798	5.500000	1.0000000	1.0000000
## 976248	-73.93053	40.76456	12.000000	1.0000000	1.0000000
## 976384	-73.87096	40.77405	16.500000	1.0000000	1.0000000
## 976649	-73.87713	40.76170	6.000000	1.0000000	1.0000000
## 976696	-73.95834	40.78426	11.000000	1.0000000	1.0000000
## 976862	-74.00211	40.68338	6.000000	1.0000000	1.0000000
## 976988	-73.92048	40.75712	10.000000	1.0000000	1.0000000
## 977406	-73.93410	40.77313	6.000000	1.0000000	1.0000000
## 977610	-73.98237	40.77821	10.500000	1.0000000	1.0000000
## 977614	-73.93100	40.76588	30.000000	1.0000000	1.0000000
## 977642	-73.98320	40.67294	13.000000	1.0000000	1.0000000
## 977754	-73.95760	40.73350	6.500000	1.0000000	1.0000000
## 977902	-73.98441	40.76699	24.000000	1.0000000	1.0000000
## 978257	-73.91840	40.75965	8.500000	1.0000000	1.0000000
## 978284	-73.96291	40.66080	15.000000	1.0000000	1.0000000
## 978406	-73.95527	40.80707	4.500000	1.0000000	1.0000000
## 978851	-73.85310	40.73088	5.500000	1.0000000	1.0000000
## 979201	-73.95726	40.72995	7.000000	1.0000000	1.0000000
## 979386	-73.87298	40.76609	11.500000	1.0000000	1.0000000
## 979780	-73.90726	40.77301	11.000000	1.0000000	1.0000000
## 979893	-73.94716	40.82568	8.500000	1.0000000	1.0000000
## 980440	-73.96194	40.80563	6.000000	1.0000000	1.0000000
## 980545	-74.00444	40.74464	24.500000	1.0000000	1.0000000
## 980937	-73.94004	40.76576	6.000000	1.0000000	1.0000000
## 981296	-73.87563	40.73733	7.500000	1.0000000	1.0000000
## 981732	-73.96254	40.71504	33.500000	1.0000000	1.0000000
## 981792	-73.92193	40.75526	24.000000	1.0000000	1.0000000
## 981944	-73.94002	40.81959	3.000000	1.0000000	1.0000000
## 982012	-73.93993	40.81871	4.500000	1.0000000	1.0000000
## 982277	-73.96898	40.80092	4.000000	1.0000000	1.0000000
## 982698	-73.86942	40.73409	10.000000	1.0000000	1.0000000
## 983154	-73.95732	40.80939	4.500000	1.0000000	1.0000000
## 983187	-73.89656	40.85851	9.500000	0.0000000	1.0000000
## 983334	-73.94212	40.70520	15.000000	1.0000000	1.0000000
## 983492	-73.95982	40.73315	19.500000	1.0000000	1.0000000
## 983854	-73.83401	40.75457	9.000000	1.0000000	1.0000000
## 984336	-73.96642	40.76406	15.000000	1.0000000	1.0000000
## 984641	-73.92678	40.75880	10.000000	1.0000000	1.0000000
## 984668	-73.99257	40.68970	6.500000	1.0000000	1.0000000
## 985591	-73.77636	40.64531	41.000000	1.0000000	1.0000000
## 986036	-73.94547	40.71145	14.000000	1.0000000	1.0000000
## 986091	-73.96673	40.79417	5.000000	1.0000000	1.0000000
## 986975	-73.96373	40.80317	6.000000	1.0000000	1.0000000
## 987066	-73.93399	40.77021	9.000000	1.0000000	1.0000000
## 987272	-73.83020	40.70977	18.500000	1.0000000	1.0000000
## 987331	-73.96935	40.79048	11.500000	1.0000000	1.0000000
## 988187	-73.84238	40.71376	5.500000	0.5000000	1.0000000
## 988296	-73.99477	40.69318	11.500000	0.5000000	1.0000000

## 988676	-73.94039	40.82481	8.500000	0.500000	1.000000
## 988857	-73.99015	40.72907	18.500000	0.500000	1.000000
## 989270	-73.94832	40.77049	21.500000	0.500000	1.000000
## 989671	-73.91873	40.80645	10.500000	1.000000	1.000000
## 989940	-73.90184	40.73602	7.500000	0.500000	1.000000
## 989962	-73.81791	40.72870	12.000000	0.500000	1.000000
## 990138	-73.91489	40.77411	7.000000	0.500000	1.000000
## 990411	-73.82271	40.67419	12.500000	0.500000	1.000000
## 990460	-73.95797	40.71761	6.000000	0.500000	1.000000
## 990702	-73.97684	40.63540	16.500000	0.500000	1.000000
## 990715	-73.89236	40.73204	8.000000	0.500000	1.000000
## 990902	-73.92911	40.77590	5.500000	0.500000	1.000000
## 990990	-73.91661	40.77130	4.500000	0.500000	1.000000
## 991441	-73.96111	40.65239	26.500000	0.500000	1.000000
## 991767	-73.97327	40.63612	17.500000	0.500000	1.000000
## 991978	-73.94196	40.71915	6.500000	0.500000	1.000000
## 992014	-73.79041	40.64386	38.500000	0.500000	1.000000
## 992326	-73.93985	40.72641	6.000000	0.500000	1.000000
## 992459	-73.84912	40.71022	5.500000	0.500000	1.000000
## 992858	-73.86389	40.88770	20.000000	0.000000	0.000000
## 993204	-73.95169	40.71407	5.500000	0.500000	1.000000
## 993459	-73.86777	40.66205	20.000000	0.500000	1.000000
## 993707	-73.91092	40.69963	28.000000	0.500000	1.000000
## 993894	-73.91274	40.67228	15.500000	0.500000	1.000000
## 993964	-74.00190	40.68408	21.000000	0.500000	1.000000
## 994124	-73.94155	40.68651	12.500000	0.500000	1.000000
## 994557	-73.98597	40.74689	27.000000	0.500000	1.000000
## 994708	-73.98077	40.67591	11.000000	0.500000	1.000000
## 995288	-73.95616	40.77892	11.500000	0.500000	1.000000
## 995362	-73.78198	40.68958	9.500000	0.500000	1.000000
## 995649	-73.97823	40.78893	8.500000	0.500000	1.000000
## 995785	-73.99451	40.67316	30.000000	0.000000	0.000000
## 995935	-73.84943	40.71181	5.000000	0.500000	1.000000
## 995939	-73.91964	40.73746	11.500000	0.500000	1.000000
## 996013	-73.93549	40.81436	9.000000	0.500000	1.000000
## 996043	-73.94447	40.68661	7.000000	0.500000	1.000000
## 996774	-73.85001	40.72305	4.500000	0.500000	1.000000
## 996846	-73.92624	40.81166	8.000000	0.000000	0.000000
## 996925	-73.94639	40.78209	3.500000	0.500000	1.000000
## 997237	-73.98230	40.72773	21.500000	0.500000	1.000000
## 997426	-73.99493	40.71827	11.000000	0.500000	1.000000
## 997507	-74.00683	40.70523	21.500000	0.500000	1.000000
## 997759	-73.94193	40.72338	9.000000	0.500000	1.000000
## 997876	-74.00657	40.67440	4.000000	0.500000	1.000000
## 998443	-73.93425	40.67075	8.000000	0.500000	1.000000
## 998678	-73.88519	40.83078	13.500000	0.500000	1.000000
## 998785	-73.96434	40.63597	10.500000	0.500000	1.000000
## 998811	-73.94812	40.71341	5.500000	0.500000	1.000000
## 999118	-73.86632	40.91956	20.000000	0.500000	1.000000
## 999546	-73.94132	40.82546	8.500000	0.500000	1.000000
## 999559	-73.99376	40.69151	19.500000	0.500000	1.000000
## 1000699	-73.95766	40.67815	19.000000	0.500000	1.000000
## 1000778	-73.98038	40.68885	8.000000	0.500000	1.000000
## 1000951	-73.81627	40.72053	7.000000	0.500000	1.000000
## 1001153	-73.88584	40.73158	8.000000	0.500000	1.000000
## 1001180	-73.91947	40.75914	10.000000	0.500000	1.000000
## 1001231	-73.97120	40.68069	5.500000	0.500000	1.000000
## 1001781	-73.96949	40.75607	15.500000	0.500000	1.000000
## 1002709	-73.96698	40.71067	7.500000	0.500000	1.000000
## 1002791	-73.96159	40.71460	4.500000	0.500000	1.000000
## 1002964	-73.83772	40.67466	16.000000	0.500000	1.000000
## 1003266	-73.87468	40.73453	6.500000	0.500000	1.000000
## 1003295	-73.83591	40.70747	5.500000	0.500000	1.000000
## 1003319	-73.85194	40.75036	9.000000	0.500000	1.000000

## 1003330	-73.95493	40.73507	6.500000	0.5000000	1.0000000
## 1003501	-73.86276	40.73004	9.500000	0.5000000	1.0000000
## 1003589	-73.82946	40.73061	13.000000	0.5000000	1.0000000
## 1003864	-73.88499	40.74736	7.000000	0.5000000	1.0000000
## 1004056	-73.96772	40.69788	9.500000	0.5000000	1.0000000
## 1004107	-73.85470	40.72088	40.000000	0.0000000	0.0000000
## 1004191	-73.94953	40.77268	9.000000	0.5000000	1.0000000
## 1004717	-74.00569	40.70960	32.500000	0.0000000	1.0000000
## 1004772	-73.81522	40.70033	5.000000	0.0000000	1.0000000
## 1005505	-73.98727	40.69291	10.000000	0.0000000	1.0000000
## 1005574	-73.95906	40.77517	14.000000	0.0000000	1.0000000
## 1005608	-73.93531	40.73720	7.500000	0.0000000	1.0000000
## 1005681	-73.89156	40.85262	10.000000	0.0000000	0.0000000
## 1005877	-73.90831	40.86040	7.000000	0.0000000	1.0000000
## 1006829	-73.97253	40.75320	20.500000	0.0000000	1.0000000
## 1007477	-73.91792	40.82524	17.000000	0.0000000	1.0000000
## 1007685	-73.94132	40.84179	15.000000	0.0000000	0.0000000
## 1007749	-73.79629	40.70496	8.000000	0.0000000	1.0000000
## 1007938	-73.99326	40.70069	4.500000	0.0000000	1.0000000
## 1008009	-73.91996	40.81280	12.500000	0.0000000	1.0000000
## 1008117	-73.92073	40.81682	12.500000	0.0000000	1.0000000
## 1009209	-73.95833	40.78234	3.500000	0.0000000	1.0000000
## 1009451	-73.92580	40.74416	16.000000	0.0000000	1.0000000
## 1009839	-73.95837	40.71825	9.500000	0.0000000	1.0000000
## 1011444	-73.95143	40.79864	4.500000	0.0000000	1.0000000
## 1012079	-73.91935	40.75862	5.000000	0.0000000	1.0000000
## 1012106	-73.95642	40.72326	8.000000	0.0000000	1.0000000
## 1012126	-73.93392	40.84903	25.500000	0.0000000	1.0000000
## 1012583	-73.95029	40.82668	3.500000	0.0000000	1.0000000
## 1012632	-73.96760	40.69331	3.500000	0.0000000	1.0000000
## 1013175	-73.97494	40.68876	10.500000	0.0000000	1.0000000
## 1013518	-73.87279	40.77436	24.500000	0.0000000	1.0000000
## 1013962	-73.83150	40.76376	19.000000	0.0000000	1.0000000
## 1014229	-73.87077	40.77399	11.500000	0.0000000	1.0000000
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## 1016374	-73.98639	40.76699	15.000000	0.0000000	1.0000000
## 1016704	-73.95976	40.75853	15.000000	0.0000000	0.0000000
## 1016765	-73.85028	40.83924	4.000000	0.0000000	1.0000000
## 1016784	-73.95804	40.81550	8.000000	0.0000000	1.0000000
## 1017281	-73.94683	40.83411	5.000000	0.0000000	1.0000000
## 1017594	-74.00876	40.71949	9.500000	0.0000000	1.0000000
## 1018230	-73.87304	40.77420	50.000000	0.0000000	1.0000000
## 1018381	-73.94267	40.84095	17.000000	0.0000000	1.0000000
## 1018470	-73.93707	40.81944	5.500000	0.0000000	1.0000000
## 1018586	-73.99212	40.73522	26.500000	0.0000000	1.0000000
## 1018670	-73.95444	40.76590	33.000000	0.0000000	1.0000000
## 1018725	-73.78932	40.64289	55.000000	0.0000000	0.0000000
## 1018818	-73.95217	40.69952	12.000000	0.0000000	1.0000000
## 1018853	-73.91206	40.76903	5.000000	0.0000000	1.0000000
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## 1020250	-73.92976	40.85226	4.500000	0.0000000	1.0000000
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## 1020683	-73.94176	40.83814	5.500000	0.0000000	1.0000000
## 1020736	-73.95470	40.78969	14.500000	0.0000000	1.0000000
## 1020956	-73.93650	40.84555	13.000000	0.0000000	1.0000000
## 1020963	-73.96699	40.79382	10.500000	0.0000000	1.0000000
## 1021075	-73.92863	40.85618	4.500000	0.0000000	1.0000000
## 1021087	-73.93699	40.85473	14.500000	0.0000000	1.0000000
## 1021157	-73.96443	40.69522	9.000000	0.0000000	1.0000000
## 1021612	-73.94930	40.82344	12.000000	0.0000000	1.0000000
## 1022092	-73.87283	40.77428	17.500000	0.0000000	1.0000000
## 1022204	-73.96219	40.71968	4.500000	0.0000000	1.0000000
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## 1022459	-73.95870	40.64326	6.500000	0.0000000	1.0000000
## 1022524	-73.86147	40.76813	27.500000	0.0000000	1.0000000
## 1022535	-73.96540	40.68571	4.500000	0.0000000	1.0000000
## 1022722	-73.94473	40.74749	10.000000	0.0000000	1.0000000
## 1023348	-73.95486	40.81993	9.500000	0.0000000	1.0000000
## 1023493	-73.94054	40.84144	7.500000	0.0000000	1.0000000
## 1023726	-73.92965	40.74463	3.500000	0.0000000	1.0000000
## 1024084	-73.95584	40.80363	4.500000	0.0000000	1.0000000
## 1024664	-73.87923	40.74368	5.500000	0.0000000	1.0000000
## 1024685	-73.95468	40.81998	7.000000	0.0000000	1.0000000
## 1024868	-73.77720	40.69195	12.500000	0.0000000	1.0000000
## 1025037	-73.97941	40.79057	12.000000	1.0000000	1.0000000
## 1025138	-73.94422	40.67744	10.500000	1.0000000	1.0000000
## 1025256	-73.98478	40.74239	24.000000	0.0000000	1.0000000
## 1025578	-73.97408	40.69594	5.500000	0.0000000	1.0000000
## 1026066	-73.96091	40.80106	4.000000	1.0000000	1.0000000
## 1026075	-73.95618	40.71724	4.500000	1.0000000	1.0000000
## 1026269	-73.95441	40.77238	13.500000	1.0000000	1.0000000
## 1026874	-73.97608	40.78560	19.000000	1.0000000	1.0000000
## 1027096	-73.93571	40.79620	7.500000	1.0000000	1.0000000
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## 1027613	-73.97968	40.66918	8.500000	1.0000000	1.0000000
## 1028105	-73.91711	40.87901	12.000000	1.0000000	1.0000000
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## 1028843	-73.98853	40.67074	15.500000	0.0000000	1.0000000
## 1030050	-73.91221	40.75378	7.000000	1.0000000	1.0000000
## 1030696	-73.98383	40.78376	33.500000	1.0000000	1.0000000
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## 1032522	-73.95489	40.68864	5.000000	1.0000000	1.0000000
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## 1032595	-73.96086	40.80676	7.500000	1.0000000	1.0000000
## 1032853	-73.95837	40.82151	25.000000	1.0000000	1.0000000
## 1033060	-73.97409	40.79575	14.500000	1.0000000	1.0000000
## 1033103	-73.92467	40.80990	11.500000	1.0000000	1.0000000
## 1033610	-73.94611	40.80711	6.000000	1.0000000	1.0000000
## 1033830	-73.86906	40.72204	10.500000	1.0000000	1.0000000
## 1033879	-73.91750	40.77384	5.500000	1.0000000	1.0000000
## 1034054	-73.94064	40.71938	8.000000	1.0000000	1.0000000
## 1035045	-73.89606	40.93907	19.000000	1.0000000	1.0000000
## 1035106	-73.98883	40.74855	22.500000	1.0000000	1.0000000
## 1035794	-73.95052	40.68514	7.000000	1.0000000	1.0000000
## 1035845	-73.88803	40.76475	9.500000	1.0000000	1.0000000
## 1036006	-73.98649	40.72586	21.500000	1.0000000	1.0000000
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## 1036399	-73.92896	40.68344	5.000000	1.0000000	1.0000000
## 1036950	-73.99431	40.69026	6.000000	1.0000000	1.0000000
## 1036993	-73.99975	40.72176	15.000000	1.0000000	1.0000000
## 1037026	-73.91912	40.75875	4.000000	1.0000000	1.0000000
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## 1037588	-73.91215	40.76738	10.500000	1.0000000	1.0000000
## 1038244	-73.98604	40.67075	4.500000	1.0000000	1.0000000
## 1038810	-73.87699	40.75638	22.500000	1.0000000	1.0000000
## 1039262	-73.92202	40.75515	10.000000	1.0000000	1.0000000
## 1039338	-73.95739	40.71301	14.000000	1.0000000	1.0000000
## 1039481	-73.97702	40.67226	5.500000	1.0000000	1.0000000
## 1039548	-73.97997	40.75999	18.000000	1.0000000	1.0000000
## 1039895	-73.91212	40.83324	14.000000	1.0000000	1.0000000

## 1040270	-73.94161	40.82321	15.000000	1.0000000	1.0000000
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## 1040602	-73.94405	40.74647	16.000000	1.0000000	1.0000000
## 1040799	-73.92893	40.67949	10.000000	1.0000000	1.0000000
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## 1041694	-73.93582	40.77555	10.000000	0.5000000	1.0000000
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## 1041863	-73.93905	40.83682	19.000000	0.5000000	1.0000000
## 1041868	-73.90715	40.81839	14.500000	0.5000000	1.0000000
## 1042583	-73.77978	40.69105	23.500000	0.5000000	1.0000000
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## 1043405	-73.77892	40.68425	16.000000	0.5000000	1.0000000
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## 1043544	-73.94846	40.82231	3.500000	0.5000000	1.0000000
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## 1045117	-73.99400	40.75637	14.500000	0.5000000	1.0000000
## 1045130	-73.85206	40.72885	7.500000	0.5000000	1.0000000
## 1046071	-73.95232	40.81719	24.000000	0.5000000	1.0000000
## 1046127	-73.94964	40.76227	12.000000	0.5000000	1.0000000
## 1046139	-73.91302	40.76521	5.000000	0.5000000	1.0000000
## 1046188	-73.89085	40.82903	6.500000	0.5000000	1.0000000
## 1046655	-73.91360	40.67622	11.500000	0.5000000	1.0000000
## 1046713	-73.85509	40.71113	5.000000	0.5000000	1.0000000
## 1046962	-73.94461	40.67134	12.000000	0.5000000	1.0000000
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## 1047966	-73.94918	40.66090	12.000000	0.5000000	1.0000000
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## 1049533	-73.90062	40.81993	16.500000	0.5000000	1.0000000
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## 1051761	-73.96635	40.80450	5.500000	0.5000000	1.0000000
## 1051986	-73.91621	40.76648	19.000000	0.5000000	1.0000000
## 1052040	-73.96555	40.80054	5.000000	0.5000000	1.0000000
## 1052302	-73.98221	40.77409	14.000000	0.5000000	1.0000000
## 1053373	-73.96991	40.79984	6.000000	0.5000000	1.0000000
## 1053695	-73.90965	40.83562	11.000000	0.5000000	1.0000000
## 1053901	-73.97813	40.74572	25.500000	0.5000000	1.0000000
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## 1054101	-73.99404	40.72481	13.000000	0.5000000	1.0000000
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## 1054777	-73.93276	40.70699	10.500000	0.5000000	1.0000000
## 1055029	-73.86020	40.72844	6.500000	0.5000000	1.0000000
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## 1055963	-73.95517	40.80852	6.500000	0.5000000	1.0000000
## 1055966	-73.92552	40.68036	12.500000	0.5000000	1.0000000
## 1056076	-73.83060	40.73001	7.000000	0.5000000	1.0000000
## 1056486	-73.95715	40.68938	8.500000	0.5000000	1.0000000
## 1056792	-73.84947	40.73254	5.000000	0.5000000	1.0000000
## 1056890	-73.93259	40.85671	10.000000	0.5000000	1.0000000
## 1057041	-74.02500	40.63428	56.500000	0.5000000	1.0000000
## 1057169	-73.91431	40.75367	6.000000	0.5000000	1.0000000
## 1057309	-73.88589	40.75346	6.000000	0.5000000	1.0000000
## 1057325	-73.86037	40.74549	10.500000	0.5000000	1.0000000
## 1057380	-73.90852	40.74342	5.500000	0.5000000	1.0000000

## 1057550	-73.87728	40.68514	17.500000	0.5000000	1.0000000
## 1057738	-73.94976	40.67767	22.000000	0.5000000	1.0000000
## 1059189	-73.93862	40.63782	17.500000	0.5000000	1.0000000
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## 1059611	-73.94431	40.67738	15.000000	0.5000000	1.0000000
## 1059939	-73.95416	40.72978	6.000000	0.5000000	1.0000000
## 1060005	-73.88373	40.74772	7.000000	0.5000000	1.0000000
## 1060517	-73.87082	40.74611	12.000000	0.5000000	1.0000000
## 1060558	-73.92114	40.70834	15.500000	0.5000000	1.0000000
## 1060902	-73.91898	40.82310	8.500000	0.5000000	1.0000000
## 1061040	-73.95376	40.72677	5.500000	0.5000000	1.0000000
## 1061310	-73.90624	40.84850	6.500000	0.5000000	1.0000000
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## 1062330	-73.97543	40.69662	8.500000	0.5000000	1.0000000
## 1062466	-73.97375	40.67210	18.500000	0.5000000	1.0000000
## 1062860	-73.95179	40.71399	5.500000	0.5000000	1.0000000
## 1063031	-74.01035	40.67938	8.000000	0.5000000	1.0000000
## 1064023	-73.97915	40.74766	20.000000	0.5000000	1.0000000
## 1064105	-73.93551	40.82124	9.000000	0.5000000	1.0000000
## 1064386	-73.90897	40.76328	12.500000	0.5000000	1.0000000
## 1064397	-73.99676	40.66182	22.000000	0.5000000	1.0000000
## 1064479	-73.82343	40.88010	0.000000	0.0000000	0.0000000
## 1064690	-73.97509	40.64075	25.000000	0.5000000	1.0000000
## 1065284	-73.97282	40.65295	24.000000	0.5000000	1.0000000
## 1065468	-73.96967	40.69704	5.000000	0.5000000	1.0000000
## 1066059	-73.96723	40.71188	5.000000	0.0000000	1.0000000
## 1066090	-73.95590	40.77912	7.500000	0.0000000	1.0000000
## 1066138	-73.95133	40.77444	11.500000	0.0000000	1.0000000
## 1066657	-73.92724	40.67127	5.500000	0.0000000	1.0000000
## 1066813	-73.92110	40.74143	13.000000	0.0000000	1.0000000
## 1066837	-73.95383	40.77502	7.500000	0.0000000	1.0000000
## 1067216	-73.91917	40.75606	4.000000	0.0000000	1.0000000
## 1067328	-73.92335	40.82542	25.000000	0.0000000	1.0000000
## 1067552	-74.00085	40.62672	9.000000	0.0000000	1.0000000
## 1067775	-73.92297	40.82688	27.000000	0.0000000	1.0000000
## 1067830	-73.99037	40.71819	14.500000	0.0000000	1.0000000
## 1067910	-73.95507	40.77168	23.500000	0.0000000	1.0000000
## 1067948	-73.96692	40.77074	10.000000	0.0000000	1.0000000
## 1068412	-73.97607	40.78632	33.500000	0.0000000	1.0000000
## 1068723	-73.98892	40.76102	20.500000	0.0000000	1.0000000
## 1068893	-73.96636	40.77214	11.500000	0.0000000	1.0000000
## 1069462	-73.98431	40.60566	6.000000	0.0000000	1.0000000
## 1069982	-73.95541	40.81180	6.000000	0.0000000	1.0000000
## 1070072	-73.94502	40.67407	27.500000	0.0000000	1.0000000
## 1070246	-73.94081	40.80083	7.500000	0.0000000	1.0000000
## 1070366	-73.97009	40.69316	11.500000	0.0000000	1.0000000
## 1070513	-73.82179	40.75312	19.000000	0.0000000	1.0000000
## 1070673	-73.94936	40.71409	12.500000	0.0000000	1.0000000
## 1071596	-73.78627	40.71201	6.500000	0.0000000	1.0000000
## 1071696	-73.78145	40.64466	34.500000	0.0000000	1.0000000
## 1071985	-73.95641	40.81359	4.500000	0.0000000	1.0000000
## 1072141	-73.92274	40.66721	3.500000	0.0000000	1.0000000
## 1072955	-73.96687	40.64016	18.000000	0.0000000	1.0000000
## 1073049	-73.96378	40.67771	5.000000	0.0000000	1.0000000
## 1073286	-73.93856	40.82219	9.000000	0.0000000	1.0000000
## 1074148	-73.94020	40.79784	6.000000	0.0000000	1.0000000
## 1074277	-74.01138	40.71514	16.000000	0.0000000	1.0000000
## 1074324	-73.97121	40.69596	7.000000	0.0000000	1.0000000
## 1074454	-73.99445	40.69562	5.500000	0.0000000	1.0000000
## 1074730	-73.92152	40.83923	14.500000	0.0000000	1.0000000
## 1074997	-73.89573	40.73907	10.000000	0.0000000	1.0000000
## 1075221	-73.95367	40.68222	12.500000	0.0000000	1.0000000
## 1075782	-74.00903	40.73957	23.000000	0.0000000	1.0000000
## 1076118	-73.97330	40.68589	9.500000	0.0000000	1.0000000

## 1076119	-73.94566	40.69053	11.000000	0.0000000	1.0000000
## 1076441	-73.96885	40.67208	19.500000	0.0000000	1.0000000
## 1076460	-74.00539	40.67688	8.500000	0.0000000	1.0000000
## 1076465	-73.96418	40.68455	13.500000	0.0000000	1.0000000
## 1076468	-73.95768	40.73042	6.500000	0.0000000	1.0000000
## 1076707	-73.98437	40.67147	5.000000	0.0000000	1.0000000
## 1079058	-73.94384	40.75473	7.000000	0.0000000	1.0000000
## 1079163	-73.99693	40.68896	4.500000	0.0000000	1.0000000
## 1079176	-73.82745	40.75372	4.500000	0.0000000	1.0000000
## 1079765	-73.82437	40.77933	10.000000	0.0000000	1.0000000
## 1079812	-73.95757	40.65138	9.500000	0.0000000	1.0000000
## 1079980	-73.89784	40.75607	8.000000	0.0000000	1.0000000
## 1080159	-73.86348	40.73722	10.000000	0.0000000	1.0000000
## 1080531	-73.95157	40.74597	14.500000	0.0000000	1.0000000
## 1080584	-73.96158	40.65320	10.500000	0.0000000	1.0000000
## 1080648	-73.94872	40.80320	7.500000	0.0000000	1.0000000
## 1080769	-73.86184	40.73542	29.000000	0.0000000	1.0000000
## 1081096	-73.95071	40.82589	9.500000	1.0000000	1.0000000
## 1081809	-73.95107	40.82176	14.000000	0.0000000	1.0000000
## 1081883	-73.98058	40.69759	4.500000	0.0000000	1.0000000
## 1082159	-73.96403	40.80264	5.500000	0.0000000	1.0000000
## 1082201	-73.96531	40.65065	8.000000	0.0000000	1.0000000
## 1082214	-73.93091	40.76081	5.500000	0.0000000	1.0000000
## 1082461	-73.98316	40.76193	26.000000	0.0000000	1.0000000
## 1082509	-73.93102	40.82312	5.500000	0.0000000	1.0000000
## 1082764	-73.98335	40.78153	13.500000	0.0000000	1.0000000
## 1082821	-73.98334	40.67676	7.500000	0.0000000	1.0000000
## 1084052	-73.95821	40.72984	6.500000	0.5000000	1.0000000
## 1084567	-73.94870	40.78160	6.500000	0.5000000	1.0000000
## 1084596	-73.99434	40.72490	12.500000	0.5000000	1.0000000
## 1084632	-73.85638	40.72226	6.000000	0.5000000	1.0000000
## 1084734	-73.95685	40.77248	8.000000	0.5000000	1.0000000
## 1084760	-73.99593	40.69320	9.500000	0.5000000	1.0000000
## 1085188	-73.92478	40.82788	5.000000	0.5000000	1.0000000
## 1085203	-73.90202	40.82220	6.500000	0.5000000	1.0000000
## 1085262	-73.91471	40.68063	13.500000	0.5000000	1.0000000
## 1085286	-73.99616	40.69664	7.500000	0.5000000	1.0000000
## 1085433	-73.89040	40.73949	16.500000	0.5000000	1.0000000
## 1086495	-73.96767	40.69331	11.000000	0.5000000	1.0000000
## 1086683	-73.95055	40.74375	4.500000	0.5000000	1.0000000
## 1086734	-73.90584	40.76784	6.500000	0.5000000	1.0000000
## 1086825	-73.96736	40.63437	10.000000	0.5000000	1.0000000
## 1086873	-73.98151	40.71451	17.500000	0.5000000	1.0000000
## 1086954	-73.88329	40.74764	9.000000	0.5000000	1.0000000
## 1087113	-73.96735	40.70728	6.000000	0.5000000	1.0000000
## 1087356	-73.95773	40.72213	7.000000	0.5000000	1.0000000
## 1087427	-73.94902	40.69428	7.500000	0.5000000	1.0000000
## 1087485	-73.95047	40.66637	7.000000	0.5000000	1.0000000
## 1087804	-73.99426	40.69493	9.000000	0.5000000	1.0000000
## 1088042	-73.97958	40.71388	14.500000	0.5000000	1.0000000
## 1088377	-73.92254	40.74359	16.500000	0.5000000	1.0000000
## 1089173	-73.85449	40.70626	6.000000	0.5000000	1.0000000
## 1089289	-73.95251	40.68600	9.500000	0.5000000	1.0000000
## 1089576	-73.88982	40.83579	6.000000	0.5000000	1.0000000
## 1090529	-73.96024	40.81245	5.000000	0.5000000	1.0000000
## 1090570	-73.96232	40.65768	10.500000	0.5000000	1.0000000
## 1090656	-73.94545	40.71905	4.500000	0.5000000	1.0000000
## 1090886	-73.92952	40.81253	9.000000	0.5000000	1.0000000
## 1091094	-73.87908	40.71120	10.000000	0.5000000	1.0000000
## 1091265	-73.85583	40.74356	9.500000	0.5000000	1.0000000
## 1091266	-73.88203	40.74804	6.500000	0.5000000	1.0000000
## 1091540	-73.94337	40.71464	9.000000	0.5000000	1.0000000
## 1091657	-73.95003	40.76192	12.500000	0.5000000	1.0000000
## 1091702	-73.86581	40.75759	8.500000	0.5000000	1.0000000

## 1091919	-73.92905	40.81250	0.000000	0.0000000	0.0000000
## 1092100	-73.90964	40.69022	25.000000	0.5000000	1.0000000
## 1092461	-73.88092	40.74532	3.000000	0.5000000	1.0000000
## 1092840	-73.96101	40.80197	6.000000	0.0000000	1.0000000
## 1092907	-73.90662	40.69212	18.500000	0.0000000	1.0000000
## 1092986	-73.99178	40.68483	17.500000	0.0000000	1.0000000
## 1093333	-73.92045	40.82279	17.000000	0.0000000	1.0000000
## 1093876	-73.85601	40.85869	9.500000	0.0000000	1.0000000
## 1094557	-73.95679	40.81913	11.500000	0.0000000	1.0000000
## 1094807	-73.97865	40.66799	15.000000	0.0000000	1.0000000
## 1094817	-73.92334	40.86327	9.000000	0.0000000	1.0000000
## 1095046	-73.94684	40.69417	28.000000	0.0000000	1.0000000
## 1095105	-73.87097	40.75169	12.500000	0.0000000	1.0000000
## 1095182	-73.93236	40.79575	6.000000	0.0000000	1.0000000
## 1095467	-73.94839	40.79813	7.500000	0.0000000	1.0000000
## 1095920	-74.01450	40.63768	24.000000	0.0000000	1.0000000
## 1096022	-73.98087	40.76021	29.000000	0.0000000	1.0000000
## 1096482	-73.99995	40.68731	5.500000	0.0000000	1.0000000
## 1096616	-73.93742	40.72358	10.500000	0.0000000	1.0000000
## 1096848	-74.02125	40.64713	5.500000	0.0000000	1.0000000
## 1097552	-73.91483	40.82521	5.500000	0.0000000	1.0000000
## 1097750	-73.90755	40.82705	7.000000	0.0000000	1.0000000
## 1097781	-73.89729	40.77334	6.000000	0.0000000	1.0000000
## 1098023	-73.93842	40.80310	6.000000	0.0000000	1.0000000
## 1098138	-73.85551	40.74462	12.500000	0.0000000	1.0000000
## 1098297	-74.00455	40.75687	25.000000	0.0000000	1.0000000
## 1098427	-73.78207	40.64437	52.000000	0.0000000	1.0000000
## 1098581	-73.96809	40.79225	14.000000	0.0000000	1.0000000
## 1098788	-73.97778	40.77884	12.500000	0.0000000	1.0000000
## 1099271	-73.95467	40.78916	10.500000	0.0000000	1.0000000
## 1099318	-73.89320	40.84639	13.500000	0.0000000	1.0000000
## 1099947	-73.69159	40.76151	57.000000	0.0000000	1.0000000
## 1099966	-73.96876	40.69291	18.500000	0.0000000	1.0000000
## 1100247	-73.75066	40.66814	18.500000	0.0000000	1.0000000
## 1100404	-73.98723	40.69520	7.000000	0.0000000	1.0000000
## 1100593	-73.92480	40.76851	7.000000	0.0000000	1.0000000
## 1100627	-73.91868	40.75562	6.000000	0.0000000	1.0000000
## 1101334	-73.97778	40.69341	8.500000	0.0000000	1.0000000
## 1101907	-73.95380	40.77919	9.000000	0.0000000	1.0000000
## 1102236	-73.91995	40.67090	5.500000	0.0000000	1.0000000
## 1102622	-73.96657	40.79427	12.500000	0.0000000	1.0000000
## 1102861	-73.91817	40.75999	4.000000	0.0000000	1.0000000
## 1103306	-73.97836	40.75810	25.000000	0.0000000	1.0000000
## 1103530	-73.80822	40.73694	18.000000	0.0000000	1.0000000
## 1104448	-73.95778	40.80868	10.500000	0.0000000	1.0000000
## 1104681	-73.86147	40.76749	48.500000	0.0000000	1.0000000
## 1104899	-73.95851	40.74427	16.000000	0.0000000	1.0000000
## 1105050	-73.87817	40.73631	4.000000	0.0000000	1.0000000
## 1105268	-73.89709	40.86221	14.500000	0.0000000	1.0000000
## 1105364	-73.99482	40.75016	30.000000	0.0000000	1.0000000
## 1105600	-73.96190	40.80543	10.500000	0.0000000	1.0000000
## 1105612	-73.98042	40.66835	3.500000	0.0000000	1.0000000
## 1106343	-73.97713	40.65602	15.000000	0.0000000	1.0000000
## 1106638	-73.96849	40.74811	23.000000	0.0000000	1.0000000
## 1106677	-73.93931	40.82818	14.000000	0.0000000	1.0000000
## 1106818	-73.96055	40.65837	7.500000	0.0000000	1.0000000
## 1107945	-73.93484	40.59378	7.500000	0.0000000	1.0000000
## 1108703	-73.97646	40.73961	21.000000	0.0000000	1.0000000
## 1109121	-73.83372	40.74401	13.500000	0.0000000	1.0000000
## 1109191	-73.89812	40.72355	19.500000	0.0000000	1.0000000
## 1109360	-73.97903	40.78177	25.500000	0.0000000	1.0000000
## 1109733	-73.92610	40.74435	4.500000	0.0000000	1.0000000
## 1109848	-73.94131	40.83858	13.000000	0.0000000	1.0000000
## 1110413	-73.91315	40.81397	13.000000	1.0000000	1.0000000

## 1110447	-73.83801	40.65229	40.000000	0.0000000	1.0000000
## 1110586	-73.94917	40.79421	11.000000	0.0000000	1.0000000
## 1110749	-73.96037	40.71952	16.000000	0.0000000	1.0000000
## 1110936	-73.93588	40.82035	7.500000	0.0000000	1.0000000
## 1111007	-73.86766	40.85451	2.500000	0.0000000	1.0000000
## 1111288	-73.92908	40.65673	14.500000	0.0000000	1.0000000
## 1111337	-73.95795	40.78488	9.000000	0.0000000	1.0000000
## 1111352	-73.90634	40.76817	4.500000	0.0000000	1.0000000
## 1111392	-73.98141	40.78083	12.000000	0.0000000	1.0000000
## 1111483	-73.97516	40.64324	38.500000	1.0000000	1.0000000
## 1111993	-73.93951	40.81532	6.000000	0.0000000	1.0000000
## 1112263	-73.94080	40.83956	12.000000	0.0000000	0.0000000
## 1112650	-73.97104	40.79434	11.000000	1.0000000	1.0000000
## 1112939	-73.84978	40.69743	10.500000	1.0000000	1.0000000
## 1113580	-73.82119	40.71511	4.000000	1.0000000	1.0000000
## 1113773	-73.99771	40.69131	10.000000	1.0000000	1.0000000
## 1114508	-73.95607	40.78225	31.500000	1.0000000	1.0000000
## 1114580	-73.91920	40.69701	26.500000	1.0000000	1.0000000
## 1114985	-73.94186	40.71415	23.000000	1.0000000	1.0000000
## 1115941	-73.83121	40.84544	11.500000	1.0000000	1.0000000
## 1116886	-73.92122	40.75493	3.500000	1.0000000	1.0000000
## 1117163	-73.95535	40.69059	4.000000	1.0000000	1.0000000
## 1117322	-73.98952	40.70221	8.000000	1.0000000	1.0000000
## 1118307	-73.89194	40.77061	7.500000	1.0000000	1.0000000
## 1118325	-73.94389	40.69773	12.000000	1.0000000	1.0000000
## 1119068	-73.94354	40.81573	6.500000	1.0000000	1.0000000
## 1119738	-73.94631	40.69421	9.000000	1.0000000	1.0000000
## 1119868	-73.76188	40.67886	35.500000	1.0000000	1.0000000
## 1120005	-73.97110	40.69436	5.000000	1.0000000	1.0000000
## 1120372	-73.88558	40.66514	7.500000	1.0000000	1.0000000
## 1120733	-73.93794	40.70172	9.000000	1.0000000	1.0000000
## 1121949	-73.95399	40.74280	9.500000	1.0000000	1.0000000
## 1122005	-73.98498	40.66519	11.500000	1.0000000	1.0000000
## 1122227	-73.88467	40.75705	5.000000	1.0000000	1.0000000
## 1122284	-73.92551	40.68988	8.000000	1.0000000	1.0000000
## 1122405	-73.99072	40.69266	5.500000	1.0000000	1.0000000
## 1122993	-73.94737	40.72828	15.500000	1.0000000	1.0000000
## 1123681	-73.95777	40.70654	8.000000	1.0000000	1.0000000
## 1123719	-73.94659	40.72518	5.500000	1.0000000	1.0000000
## 1123748	-73.96685	40.63238	9.500000	1.0000000	1.0000000
## 1123931	-73.90166	40.77428	7.000000	1.0000000	1.0000000
## 1124127	-73.90807	40.88529	22.500000	0.5000000	1.0000000
## 1124232	-73.97768	40.77876	22.000000	0.5000000	1.0000000
## 1124668	-73.85270	40.71617	5.000000	0.5000000	1.0000000
## 1125693	-73.91487	40.75306	6.000000	0.5000000	1.0000000
## 1125721	-73.96258	40.71000	14.000000	0.5000000	1.0000000
## 1125894	-73.85153	40.72956	13.500000	0.5000000	1.0000000
## 1126502	-73.92100	40.76317	14.500000	1.0000000	1.0000000
## 1126782	-73.91863	40.74348	10.000000	0.5000000	1.0000000
## 1126795	-74.00889	40.74103	49.500000	0.5000000	1.0000000
## 1126822	-73.94276	40.80665	7.000000	0.5000000	1.0000000
## 1126838	-73.93956	40.82079	6.000000	0.5000000	1.0000000
## 1127219	-73.88832	40.75739	5.000000	0.5000000	1.0000000
## 1127257	-73.85471	40.82328	8.000000	0.0000000	0.0000000
## 1127477	-73.92085	40.74128	10.500000	0.5000000	1.0000000
## 1127488	-73.94844	40.77806	25.000000	0.5000000	1.0000000
## 1127650	-73.83012	40.83477	4.500000	0.5000000	1.0000000
## 1127929	-73.97340	40.69328	5.500000	0.5000000	1.0000000
## 1127939	-73.99734	40.76301	21.000000	0.5000000	1.0000000
## 1129002	-73.93584	40.81519	6.000000	0.5000000	1.0000000
## 1129140	-73.81822	40.72918	9.500000	0.5000000	1.0000000
## 1129354	-73.96364	40.71375	12.000000	0.5000000	1.0000000
## 1129408	-73.87836	40.73401	16.000000	0.5000000	1.0000000
## 1129738	-73.95305	40.71379	14.000000	0.5000000	1.0000000

## 1129759	-73.94218	40.70061	10.500000	0.5000000	1.0000000
## 1130026	-73.91576	40.74916	16.000000	0.5000000	1.0000000
## 1130070	-74.00278	40.73981	22.000000	0.5000000	1.0000000
## 1130357	-73.92257	40.66870	19.000000	0.5000000	1.0000000
## 1130614	-73.96198	40.65470	14.000000	0.5000000	1.0000000
## 1130776	-73.81725	40.70896	9.500000	0.5000000	1.0000000
## 1130869	-74.00504	40.68340	7.000000	0.5000000	1.0000000
## 1130907	-73.95850	40.67096	16.000000	0.5000000	1.0000000
## 1131025	-73.95525	40.80104	8.500000	0.5000000	1.0000000
## 1131256	-73.94210	40.67031	3.000000	0.5000000	1.0000000
## 1131339	-73.91220	40.69835	21.500000	0.5000000	1.0000000
## 1131898	-73.99009	40.66459	11.000000	0.5000000	1.0000000
## 1131914	-73.85516	40.70617	7.000000	0.5000000	1.0000000
## 1132079	-73.91583	40.70535	9.500000	0.5000000	1.0000000
## 1132419	-73.74995	40.69096	10.000000	0.5000000	1.0000000
## 1132868	-73.82648	40.72916	5.500000	0.5000000	1.0000000
## 1133002	-73.91838	40.69087	19.500000	0.5000000	1.0000000
## 1133452	-73.96940	40.64744	12.000000	0.5000000	1.0000000
## 1134331	-73.85686	40.84022	4.500000	0.5000000	1.0000000
## 1134670	-73.92947	40.69978	12.000000	0.5000000	1.0000000
## 1134899	-73.89610	40.77223	8.000000	0.5000000	1.0000000
## 1135116	-73.97749	40.68757	8.500000	0.5000000	1.0000000
## 1135135	-73.80369	40.70546	12.500000	0.5000000	1.0000000
## 1135344	-73.94463	40.77940	10.500000	0.5000000	1.0000000
## 1135437	-73.98816	40.74154	24.000000	0.5000000	1.0000000
## 1135627	-73.96938	40.76117	22.000000	0.5000000	1.0000000
## 1135741	-73.94489	40.77507	13.500000	0.0000000	1.0000000
## 1136028	-73.99405	40.75060	33.500000	0.0000000	1.0000000
## 1137459	-73.82023	40.69813	5.500000	0.0000000	1.0000000
## 1137696	-73.88834	40.73252	27.500000	0.0000000	1.0000000
## 1137866	-73.96196	40.67870	5.000000	0.0000000	1.0000000
## 1138281	-73.96887	40.76149	14.000000	0.0000000	1.0000000
## 1138697	-73.86218	40.76852	24.000000	0.0000000	1.0000000
## 1138850	-73.94090	40.83941	14.000000	0.0000000	1.0000000
## 1138968	-74.00805	40.72267	10.500000	0.0000000	1.0000000
## 1139048	-73.93071	40.85345	45.000000	0.0000000	1.0000000
## 1139622	-73.99205	40.69330	16.500000	0.0000000	1.0000000
## 1139811	-73.96684	40.68331	13.500000	0.0000000	1.0000000
## 1139827	-73.98028	40.77817	36.000000	0.0000000	1.0000000
## 1140083	-73.91533	40.81765	9.500000	0.0000000	1.0000000
## 1140523	-73.94722	40.80853	6.500000	0.0000000	1.0000000
## 1140939	-73.99639	40.74836	20.000000	0.0000000	1.0000000
## 1141623	-73.95577	40.76591	27.000000	0.0000000	1.0000000
## 1141631	-73.95781	40.71791	6.500000	0.0000000	1.0000000
## 1141930	-74.00256	40.71434	13.000000	0.0000000	1.0000000
## 1141985	-73.89356	40.72707	13.000000	0.0000000	1.0000000
## 1142004	-73.95149	40.81195	3.000000	0.0000000	1.0000000
## 1142032	-73.96214	40.80551	8.000000	0.0000000	1.0000000
## 1142505	-73.90999	40.76967	9.500000	0.0000000	1.0000000
## 1142853	-74.00315	40.71368	18.000000	0.0000000	1.0000000
## 1142881	-73.99152	40.69117	9.000000	0.0000000	1.0000000
## 1143292	-73.91912	40.76426	5.000000	0.0000000	1.0000000
## 1143611	-73.98671	40.76665	20.500000	0.0000000	1.0000000
## 1144347	-73.94712	40.79092	12.000000	0.0000000	1.0000000
## 1144351	-73.86387	40.85482	21.000000	0.0000000	1.0000000
## 1144573	-73.97697	40.78764	15.000000	0.0000000	1.0000000
## 1144672	-73.94224	40.78727	8.000000	0.0000000	1.0000000
## 1145525	-73.87249	40.77429	13.500000	0.0000000	1.0000000
## 1146242	-73.89687	40.86276	12.500000	0.0000000	1.0000000
## 1146435	-73.98148	40.68952	50.000000	0.0000000	1.0000000
## 1147173	-73.98833	40.71868	30.500000	0.0000000	1.0000000
## 1147521	-73.95167	40.71088	11.000000	0.0000000	1.0000000
## 1147604	-73.77905	40.69133	10.500000	0.0000000	1.0000000
## 1148369	-73.84908	40.71344	5.000000	0.0000000	1.0000000

## 1148537	-73.92715	40.86535	6.000000	0.0000000	1.0000000
## 1148541	-73.92957	40.81275	15.000000	0.0000000	1.0000000
## 1148765	-73.93919	40.80512	7.500000	0.0000000	1.0000000
## 1149606	-73.95537	40.77358	24.000000	0.0000000	1.0000000
## 1149634	-74.00311	40.71492	10.000000	0.0000000	1.0000000
## 1150555	-74.00765	40.75162	30.000000	0.0000000	1.0000000
## 1150717	-73.88457	40.75558	7.500000	0.0000000	1.0000000
## 1150936	-73.95155	40.80283	6.000000	0.0000000	1.0000000
## 1151355	-73.97121	40.59723	16.500000	0.0000000	1.0000000
## 1151557	-73.91231	40.85607	16.000000	0.0000000	1.0000000
## 1151641	-73.97331	40.69332	8.000000	0.0000000	1.0000000
## 1152392	-73.99912	40.67612	4.500000	0.0000000	1.0000000
## 1152592	-73.97258	40.74345	40.000000	0.0000000	0.0000000
## 1152891	-73.95423	40.78579	12.000000	0.0000000	1.0000000
## 1153028	-73.95060	40.78292	14.000000	0.0000000	1.0000000
## 1153423	-73.96046	40.80009	4.500000	0.0000000	1.0000000
## 1153484	-73.95738	40.58295	29.000000	0.0000000	1.0000000
## 1153579	-73.99087	40.75090	29.000000	0.0000000	1.0000000
## 1153625	-73.88580	40.74968	6.000000	0.0000000	1.0000000
## 1154146	-73.93587	40.68415	17.500000	0.0000000	1.0000000
## 1155101	-73.94608	40.78134	8.000000	1.0000000	1.0000000
## 1155423	-73.92485	40.76186	3.500000	1.0000000	1.0000000
## 1155751	-73.94814	40.80403	6.000000	1.0000000	1.0000000
## 1156766	-73.82723	40.76030	4.000000	1.0000000	1.0000000
## 1157328	-73.88811	40.86430	21.000000	1.0000000	1.0000000
## 1157482	-73.95187	40.73046	8.500000	0.0000000	1.0000000
## 1157764	-73.84507	40.73134	7.500000	1.0000000	1.0000000
## 1157903	-73.94521	40.71444	13.000000	1.0000000	1.0000000
## 1158310	-73.97288	40.79782	13.000000	1.0000000	1.0000000
## 1158523	-73.91907	40.75894	4.000000	1.0000000	1.0000000
## 1158565	-73.93764	40.84390	7.500000	1.0000000	1.0000000
## 1158619	-73.94106	40.81410	13.500000	1.0000000	1.0000000
## 1158739	-73.92021	40.75748	9.000000	1.0000000	1.0000000
## 1159051	-73.96259	40.76734	15.000000	1.0000000	1.0000000
## 1159456	-73.97680	40.78165	12.000000	1.0000000	1.0000000
## 1159640	-73.90554	40.76603	4.500000	1.0000000	1.0000000
## 1159866	-74.00145	40.65733	9.000000	1.0000000	1.0000000
## 1160188	-73.90733	40.68340	2.500000	0.5000000	1.0000000
## 1160725	-73.95898	40.81348	14.000000	1.0000000	1.0000000
## 1160809	-73.93824	40.80328	6.000000	1.0000000	1.0000000
## 1160823	-73.93310	40.77079	6.500000	1.0000000	1.0000000
## 1160905	-73.91354	40.76705	5.000000	1.0000000	1.0000000
## 1161779	-73.86366	40.68547	10.000000	1.0000000	1.0000000
## 1161921	-73.99349	40.65958	14.500000	1.0000000	1.0000000
## 1162394	-73.80891	40.70932	8.500000	1.0000000	1.0000000
## 1162496	-73.86178	40.73020	10.000000	1.0000000	1.0000000
## 1162565	-73.98406	40.68032	8.000000	1.0000000	1.0000000
## 1163359	-73.92290	40.81738	10.000000	1.0000000	1.0000000
## 1163957	-73.95015	40.81161	19.500000	1.0000000	1.0000000
## 1164079	-73.99176	40.77430	17.000000	1.0000000	1.0000000
## 1164631	-73.92216	40.75523	10.000000	1.0000000	1.0000000
## 1165744	-73.99497	40.71792	9.500000	1.0000000	1.0000000
## 1165833	-73.97649	40.68379	11.500000	1.0000000	1.0000000
## 1165961	-73.85462	40.70680	8.000000	1.0000000	1.0000000
## 1166004	-73.85918	40.83806	23.500000	1.0000000	1.0000000
## 1166551	-73.95303	40.68895	12.000000	1.0000000	1.0000000
## 1166633	-73.94789	40.78727	15.000000	1.0000000	1.0000000
## 1167269	-74.00056	40.74530	17.500000	1.0000000	1.0000000
## 1167706	-73.84830	40.73035	5.000000	0.5000000	1.0000000
## 1167970	-73.93709	40.80449	7.000000	0.5000000	1.0000000
## 1168291	-73.93736	40.69449	47.000000	0.5000000	1.0000000
## 1168703	-73.95640	40.78408	5.500000	0.5000000	1.0000000
## 1168834	-73.95424	40.73012	6.500000	0.5000000	1.0000000
## 1169758	-73.94386	40.78789	7.000000	0.5000000	1.0000000

## 1170028	-73.88039	40.75440	6.500000	0.5000000	1.0000000
## 1170045	-73.98717	40.72070	21.000000	0.5000000	1.0000000
## 1170073	-73.96761	40.67749	12.000000	0.5000000	1.0000000
## 1170285	-73.92410	40.70459	30.500000	0.5000000	1.0000000
## 1170620	-73.94704	40.79676	4.500000	0.5000000	1.0000000
## 1170730	-73.94263	40.82542	6.500000	0.5000000	1.0000000
## 1171289	-73.95004	40.67691	12.500000	0.5000000	1.0000000
## 1171408	-73.89577	40.75435	5.000000	0.5000000	1.0000000
## 1171725	-73.99129	40.66371	7.500000	0.5000000	1.0000000
## 1171797	-73.98547	40.67035	4.000000	0.5000000	1.0000000
## 1171999	-73.92733	40.67489	8.000000	0.5000000	1.0000000
## 1172189	-73.93909	40.66656	14.500000	0.5000000	1.0000000
## 1172442	-73.87414	40.73958	9.000000	0.5000000	1.0000000
## 1172698	-73.94313	40.71823	5.000000	0.5000000	1.0000000
## 1172869	-73.95821	40.73351	6.000000	0.5000000	1.0000000
## 1172882	-73.99187	40.68953	5.000000	0.5000000	1.0000000
## 1173204	-73.94028	40.81498	5.500000	0.5000000	1.0000000
## 1173387	-73.96458	40.76485	16.500000	0.5000000	1.0000000
## 1173527	-73.99141	40.73095	15.500000	0.5000000	1.0000000
## 1173721	-73.93408	40.66628	11.000000	0.5000000	1.0000000
## 1173810	-73.94068	40.83627	7.000000	0.5000000	1.0000000
## 1174008	-73.92663	40.67307	13.500000	0.5000000	1.0000000
## 1174078	-73.91978	40.81980	5.000000	0.5000000	1.0000000
## 1175277	-73.88702	40.84325	14.500000	0.5000000	1.0000000
## 1175383	-73.89238	40.73448	6.000000	0.5000000	1.0000000
## 1175555	-73.96864	40.69213	8.500000	0.5000000	1.0000000
## 1175597	-73.94238	40.70185	5.500000	0.5000000	1.0000000
## 1176028	-73.90099	40.75201	5.500000	0.5000000	1.0000000
## 1176688	-73.98907	40.74467	29.500000	0.5000000	1.0000000
## 1176817	-73.96318	40.67493	10.500000	0.5000000	1.0000000
## 1176870	-73.99337	40.66143	4.500000	0.5000000	1.0000000
## 1176950	-73.98427	40.67171	18.500000	0.5000000	1.0000000
## 1176976	-73.95551	40.80462	3.000000	0.5000000	1.0000000
## 1177876	-73.86118	40.74522	8.500000	0.5000000	1.0000000
## 1178813	-73.84616	40.77880	19.000000	0.5000000	1.0000000
## 1178951	-73.94371	40.69652	7.000000	0.5000000	1.0000000
## 1179044	-73.87708	40.76802	7.500000	0.5000000	1.0000000
## 1179119	-73.93608	40.66461	16.500000	0.5000000	1.0000000
## 1179421	-73.94281	40.67214	10.000000	0.5000000	1.0000000
## 1179577	-73.89687	40.70070	14.000000	0.5000000	1.0000000
## 1179652	-73.85880	40.74405	6.500000	0.5000000	1.0000000
## 1179807	-73.71628	40.75156	20.500000	0.5000000	1.0000000
## 1179931	-73.91563	40.74459	9.000000	0.5000000	1.0000000
## 1179971	-73.89710	40.74308	13.500000	0.5000000	1.0000000
## 1180047	-73.86232	40.72992	4.500000	0.5000000	1.0000000
## 1180489	-73.87760	40.73644	6.500000	0.5000000	1.0000000
## 1181093	-73.95002	40.67545	5.500000	0.0000000	1.0000000
## 1181263	-73.97707	40.71939	24.000000	0.0000000	1.0000000
## 1181264	-73.92256	40.76751	7.000000	0.0000000	1.0000000
## 1181306	-73.88796	40.75936	9.500000	0.0000000	1.0000000
## 1181363	-73.96445	40.80083	11.000000	0.0000000	1.0000000
## 1181410	-73.94437	40.81945	5.000000	0.0000000	1.0000000
## 1181465	-73.90718	40.82251	8.000000	0.0000000	1.0000000
## 1181821	-73.98712	40.77025	18.500000	0.0000000	1.0000000
## 1183038	-73.98792	40.68966	10.500000	0.0000000	1.0000000
## 1183513	-73.92577	40.82101	13.000000	0.0000000	1.0000000
## 1183556	-73.96558	40.80572	4.500000	0.0000000	1.0000000
## 1183790	-73.95276	40.78626	16.000000	0.0000000	1.0000000
## 1184293	-73.93185	40.76490	16.000000	0.0000000	1.0000000
## 1184546	-74.01463	40.71128	24.000000	0.0000000	1.0000000
## 1184930	-73.99111	40.69152	5.000000	0.0000000	1.0000000
## 1185379	-73.87311	40.77436	12.000000	0.0000000	1.0000000
## 1186578	-73.98465	40.74141	30.500000	0.0000000	1.0000000
## 1186899	-73.98669	40.63331	8.000000	0.0000000	1.0000000

## 1186971	-74.00774	40.75159	25.000000	0.0000000	1.0000000
## 1187098	-73.84635	40.85115	16.000000	0.0000000	1.0000000
## 1187157	-73.97955	40.75306	31.000000	0.0000000	1.0000000
## 1187215	-73.95237	40.66229	5.000000	0.0000000	1.0000000
## 1187675	-73.98019	40.77305	36.500000	0.0000000	1.0000000
## 1187878	-73.96339	40.69005	5.000000	0.0000000	1.0000000
## 1187891	-73.86581	40.75378	5.500000	0.0000000	1.0000000
## 1187913	-73.94720	40.81036	6.000000	0.0000000	1.0000000
## 1188565	-73.95983	40.60727	20.000000	0.0000000	1.0000000
## 1188724	-74.01370	40.71408	16.000000	0.0000000	1.0000000
## 1188765	-73.90303	40.76391	4.000000	0.0000000	1.0000000
## 1189023	-73.97187	40.68307	6.500000	0.0000000	1.0000000
## 1189530	-74.00002	40.73781	26.500000	0.0000000	1.0000000
## 1189903	-73.97012	40.78941	9.500000	0.0000000	1.0000000
## 1190042	-73.93350	40.69804	14.500000	0.0000000	1.0000000
## 1190061	-73.95315	40.74235	37.000000	0.0000000	1.0000000
## 1190277	-73.91261	40.74593	5.500000	0.0000000	1.0000000
## 1191156	-73.94357	40.81103	8.500000	0.0000000	1.0000000
## 1191197	-73.81516	40.75548	10.000000	0.0000000	0.0000000
## 1191615	-73.94447	40.71486	5.500000	0.0000000	1.0000000
## 1191705	-73.90978	40.76625	9.500000	0.0000000	1.0000000
## 1191873	-73.99079	40.75042	49.000000	0.0000000	1.0000000
## 1192238	-73.93639	40.80297	6.500000	0.0000000	1.0000000
## 1192515	-73.91795	40.81622	7.500000	0.0000000	1.0000000
## 1192741	-73.89244	40.77491	23.000000	0.0000000	1.0000000
## 1192933	-73.98259	40.76408	30.000000	0.0000000	1.0000000
## 1193062	-73.96059	40.69839	8.500000	0.0000000	1.0000000
## 1193194	-73.99177	40.57390	62.000000	0.0000000	1.0000000
## 1194036	-73.93283	40.80396	7.000000	0.0000000	1.0000000
## 1194805	-73.98969	40.74172	27.500000	0.0000000	1.0000000
## 1195649	-73.90058	40.84306	22.000000	0.0000000	0.0000000
## 1195778	-73.92735	40.81244	6.500000	0.0000000	1.0000000
## 1195943	-73.93160	40.66181	19.000000	0.0000000	1.0000000
## 1195981	-73.97844	40.75342	24.000000	0.0000000	1.0000000
## 1196126	-74.01431	40.65118	12.000000	0.0000000	1.0000000
## 1196154	-73.96960	40.76047	14.000000	0.0000000	1.0000000
## 1196474	-74.00547	40.67695	11.000000	0.0000000	1.0000000
## 1196629	-73.87052	40.76475	7.000000	0.0000000	1.0000000
## 1196676	-73.94479	40.71077	17.000000	0.0000000	1.0000000
## 1196969	-73.97807	40.61372	34.500000	0.0000000	1.0000000
## 1197309	-73.92725	40.68294	22.500000	0.0000000	1.0000000
## 1198004	-73.95647	40.66676	11.500000	0.0000000	1.0000000
## 1198070	-73.99184	40.69088	9.000000	0.0000000	1.0000000
## 1198167	-73.96579	40.79543	9.500000	0.0000000	1.0000000
## 1198741	-73.99213	40.68967	11.500000	0.0000000	1.0000000
## 1199047	-73.99992	40.60643	8.500000	0.0000000	1.0000000
## 1199491	-73.94121	40.83823	6.000000	0.0000000	1.0000000
## 1199615	-73.86281	40.72923	11.000000	0.0000000	1.0000000
## 1199661	-73.97450	40.78336	9.000000	0.0000000	1.0000000
## 1199673	-73.97295	40.79888	17.000000	0.0000000	1.0000000
## 1199676	-73.86585	40.81666	8.000000	0.0000000	0.0000000
## 1200215	-73.99684	40.75259	19.500000	1.0000000	1.0000000
## 1200671	-73.94792	40.82538	4.000000	1.0000000	1.0000000
## 1201868	-73.93786	40.81291	6.500000	1.0000000	1.0000000
## 1202208	-73.90718	40.81370	18.500000	1.0000000	1.0000000
## 1202521	-73.94450	40.83636	14.000000	1.0000000	1.0000000
## 1202898	-73.91580	40.81734	8.500000	1.0000000	1.0000000
## 1202902	-73.94241	40.80073	5.500000	1.0000000	1.0000000
## 1203253	-73.97595	40.69371	6.500000	1.0000000	1.0000000
## 1203686	-73.93559	40.74499	12.500000	1.0000000	1.0000000
## 1204062	-73.97771	40.68684	6.000000	1.0000000	1.0000000
## 1204096	-73.97330	40.68532	9.000000	1.0000000	1.0000000
## 1204532	-73.89039	40.75733	2.500000	1.0000000	1.0000000
## 1205009	-73.86845	40.74076	4.500000	1.0000000	1.0000000

## 1205018	-73.94553	40.67666	11.000000	1.0000000	1.0000000
## 1205383	-73.93835	40.81183	11.500000	1.0000000	1.0000000
## 1205451	-73.97325	40.69630	14.500000	1.0000000	1.0000000
## 1205531	-73.88001	40.70230	21.000000	1.0000000	1.0000000
## 1205971	-73.81425	40.71124	6.500000	1.0000000	1.0000000
## 1206954	-73.95612	40.78159	13.000000	1.0000000	1.0000000
## 1207065	-73.87346	40.90977	7.500000	1.0000000	1.0000000
## 1208182	-73.91484	40.75325	9.000000	1.0000000	1.0000000
## 1208258	-73.91394	40.67415	6.500000	1.0000000	1.0000000
## 1208655	-73.78895	40.64733	40.000000	1.0000000	1.0000000
## 1208661	-73.95251	40.81854	3.500000	1.0000000	1.0000000
## 1208674	-73.93236	40.79637	6.500000	1.0000000	1.0000000
## 1209160	-73.97429	40.64383	20.000000	0.0000000	0.0000000
## 1209459	-73.98785	40.77058	12.000000	1.0000000	1.0000000
## 1209557	-73.95734	40.72836	5.000000	1.0000000	1.0000000
## 1209740	-73.96436	40.79225	5.500000	1.0000000	1.0000000
## 1209840	-73.95428	40.81797	6.500000	1.0000000	1.0000000
## 1209870	-73.90757	40.73687	7.000000	1.0000000	1.0000000
## 1209947	-73.97598	40.68356	8.500000	1.0000000	1.0000000
## 1209964	-73.98768	40.76899	17.000000	1.0000000	1.0000000
## 1210149	-73.97072	40.67807	13.500000	1.0000000	1.0000000
## 1210869	-73.94874	40.77769	30.000000	1.0000000	1.0000000
## 1210971	-73.91586	40.76154	4.500000	1.0000000	1.0000000
## 1210975	-73.99440	40.69482	12.500000	1.0000000	1.0000000
## 1211173	-73.88405	40.86681	7.000000	1.0000000	1.0000000
## 1211303	-73.94267	40.70387	9.500000	1.0000000	1.0000000
## 1211351	-73.97586	40.68377	8.500000	1.0000000	1.0000000
## 1211555	-73.98046	40.70360	19.000000	1.0000000	1.0000000
## 1211617	-73.95198	40.72411	5.000000	1.0000000	1.0000000
## 1211964	-73.96558	40.76355	11.000000	1.0000000	1.0000000
## 1212038	-73.81824	40.69222	5.500000	1.0000000	1.0000000
## 1212192	-73.96600	40.71121	6.500000	1.0000000	1.0000000
## 1213061	-73.95142	40.79778	10.000000	0.5000000	1.0000000
## 1213335	-73.85488	40.74635	10.000000	0.5000000	1.0000000
## 1213358	-73.97166	40.69187	7.000000	0.5000000	1.0000000
## 1213658	-73.94276	40.78908	7.000000	0.5000000	1.0000000
## 1213762	-73.93105	40.75638	7.500000	0.5000000	1.0000000
## 1213801	-73.95946	40.69423	8.000000	0.5000000	1.0000000
## 1214771	-73.87101	40.70572	15.500000	0.5000000	1.0000000
## 1214853	-73.95311	40.67643	6.500000	0.5000000	1.0000000
## 1215047	-73.96709	40.71160	7.000000	0.5000000	1.0000000
## 1215663	-73.83045	40.75301	5.000000	0.5000000	1.0000000
## 1215716	-73.90718	40.74165	5.000000	0.5000000	1.0000000
## 1216297	-73.91100	40.75520	4.000000	0.5000000	1.0000000
## 1216491	-73.87267	40.74063	7.000000	0.5000000	1.0000000
## 1216693	-74.01329	40.67758	9.000000	0.5000000	1.0000000
## 1217374	-73.94286	40.69474	8.500000	0.5000000	1.0000000
## 1217823	-73.92778	40.86637	15.500000	0.5000000	1.0000000
## 1217978	-73.93900	40.68382	52.000000	0.0000000	1.0000000
## 1218021	-73.98982	40.73027	17.000000	0.5000000	1.0000000
## 1218263	-73.94614	40.80059	8.000000	0.5000000	1.0000000
## 1218735	-73.97262	40.67017	26.500000	0.5000000	1.0000000
## 1218887	-73.89088	40.75997	6.000000	0.5000000	1.0000000
## 1219061	-73.87711	40.76225	9.000000	0.5000000	1.0000000
## 1219213	-73.86202	40.75001	6.500000	0.5000000	1.0000000
## 1219529	-73.96062	40.70635	6.000000	0.5000000	1.0000000
## 1219718	-73.99568	40.67231	4.000000	0.5000000	1.0000000
## 1220208	-73.97133	40.69085	3.000000	0.5000000	1.0000000
## 1220255	-73.86752	40.76794	7.500000	0.5000000	1.0000000
## 1220926	-73.91998	40.69405	14.500000	0.5000000	1.0000000
## 1221130	-73.94857	40.83615	10.000000	0.5000000	1.0000000
## 1221190	-73.97414	40.69598	8.500000	0.5000000	1.0000000
## 1221373	-73.99328	40.66515	11.000000	0.5000000	1.0000000
## 1221888	-74.00718	40.70519	24.500000	0.5000000	1.0000000

## 1221929	-73.87257	40.83437	19.000000	0.500000	1.000000
## 1222478	-73.88036	40.74860	13.500000	0.500000	1.000000
## 1222657	-73.91800	40.67790	15.000000	0.500000	1.000000
## 1222748	-73.96358	40.71014	4.500000	0.500000	1.000000
## 1222862	-73.94888	40.71058	8.500000	0.500000	1.000000
## 1223015	-73.93270	40.68981	13.500000	0.500000	1.000000
## 1223256	-73.99422	40.76331	28.000000	0.500000	1.000000
## 1223398	-73.98074	40.69360	10.000000	0.500000	1.000000
## 1223527	-73.90214	40.70512	12.500000	0.500000	1.000000
## 1223731	-73.88663	40.70434	17.500000	0.500000	1.000000
## 1223827	-73.94993	40.71708	7.500000	0.500000	1.000000
## 1224091	-73.99355	40.68145	37.000000	0.500000	1.000000
## 1224181	-73.82161	40.78266	9.500000	0.500000	1.000000
## 1224222	-73.95526	40.73646	8.000000	0.500000	1.000000
## 1224327	-73.98430	40.69131	13.500000	0.500000	1.000000
## 1224986	-73.84850	40.73732	6.500000	0.500000	1.000000
## 1225098	-73.99940	40.68420	17.500000	0.500000	1.000000
## 1225343	-73.91999	40.77065	4.500000	0.500000	1.000000
## 1225580	-73.87208	40.74065	12.500000	0.500000	1.000000
## 1225873	-73.93933	40.84488	8.000000	0.500000	1.000000
## 1226249	-73.91983	40.72797	19.000000	0.500000	1.000000
## 1226535	-73.97748	40.75779	11.500000	0.500000	1.000000
## 1226729	-73.94956	40.82938	4.000000	0.500000	1.000000
## 1227701	-73.88501	40.74446	25.000000	0.000000	0.000000
## 1228285	-73.93269	40.79560	8.500000	0.000000	1.000000
## 1228677	-73.94212	40.72327	19.000000	0.000000	1.000000
## 1228712	-73.95656	40.81074	8.500000	0.000000	1.000000
## 1229249	-73.95041	40.79251	34.000000	0.000000	1.000000
## 1229515	-73.94366	40.64958	6.000000	0.000000	1.000000
## 1229644	-73.81346	40.70999	6.500000	0.000000	1.000000
## 1230623	-74.00739	40.72737	18.000000	0.000000	1.000000
## 1231010	-73.99658	40.71774	11.500000	0.000000	1.000000
## 1231173	-73.96193	40.77521	9.500000	0.000000	1.000000
## 1231748	-73.93812	40.82622	8.000000	0.000000	1.000000
## 1231775	-73.93320	40.57900	8.500000	0.000000	1.000000
## 1232343	-73.95809	40.70845	9.000000	0.000000	1.000000
## 1233029	-73.98177	40.77988	31.000000	0.000000	1.000000
## 1233183	-73.91109	40.76428	7.500000	0.000000	1.000000
## 1233560	-73.98866	40.74584	25.000000	0.000000	1.000000
## 1234088	-73.97331	40.74771	26.500000	0.000000	1.000000
## 1234260	-73.98406	40.75621	18.500000	0.000000	1.000000
## 1234310	-74.00186	40.71927	11.000000	0.500000	1.000000
## 1234347	-73.83200	40.70536	7.500000	0.000000	1.000000
## 1234644	-73.96297	40.81096	8.500000	0.000000	1.000000
## 1234843	-73.95716	40.81452	6.500000	0.000000	1.000000
## 1235392	-73.91755	40.76157	25.500000	0.000000	1.000000
## 1236010	-73.96073	40.76076	33.000000	0.000000	1.000000
## 1237329	-73.86572	40.92038	29.500000	0.000000	1.000000
## 1237914	-73.95664	40.77547	13.000000	0.000000	1.000000
## 1238686	-73.94326	40.80682	8.500000	0.000000	1.000000
## 1238906	-74.00067	40.68724	6.000000	0.000000	1.000000
## 1239457	-73.97771	40.73280	17.500000	0.000000	1.000000
## 1239829	-73.96389	40.77678	14.500000	0.000000	1.000000
## 1239948	-73.87826	40.80334	62.000000	0.000000	1.000000
## 1239985	-73.94234	40.83243	3.000000	0.000000	1.000000
## 1242032	-74.01066	40.63161	21.000000	0.500000	1.000000
## 1242267	-73.89693	40.75156	5.000000	0.000000	1.000000
## 1242377	-73.91629	40.81923	9.500000	0.000000	1.000000
## 1242468	-73.86673	40.83163	19.000000	0.000000	1.000000
## 1243628	-73.98003	40.66881	7.000000	0.000000	1.000000
## 1243631	-73.97762	40.67598	7.000000	0.000000	1.000000
## 1244589	-73.96243	40.81003	12.000000	0.000000	1.000000
## 1244787	-73.90643	40.77311	5.000000	0.000000	1.000000
## 1245386	-73.95968	40.81034	5.000000	0.000000	1.000000

## 1245515	-73.93194	40.79544	6.500000	0.0000000	1.0000000
## 1245558	-73.94526	40.80827	7.500000	0.0000000	1.0000000
## 1246009	-73.94881	40.78082	9.000000	0.0000000	1.0000000
## 1246227	-73.86408	40.75249	11.500000	0.0000000	1.0000000
## 1246238	-73.95269	40.78331	4.500000	0.0000000	1.0000000
## 1246342	-73.98048	40.66036	16.500000	1.0000000	1.0000000
## 1246810	-73.96294	40.68705	6.500000	1.0000000	1.0000000
## 1247194	-73.88553	40.70372	24.500000	1.0000000	1.0000000
## 1247287	-73.81187	40.72656	13.000000	1.0000000	1.0000000
## 1248075	-73.91698	40.76556	8.000000	1.0000000	1.0000000
## 1248810	-73.91573	40.81440	9.000000	0.0000000	0.0000000
## 1248821	-73.85114	40.73583	20.500000	1.0000000	1.0000000
## 1249066	-73.93522	40.79685	2.500000	1.0000000	1.0000000
## 1249078	-73.98134	40.77763	17.500000	1.0000000	1.0000000
## 1249129	-73.95036	40.80652	5.500000	1.0000000	1.0000000
## 1249426	-73.96426	40.79741	10.500000	1.0000000	1.0000000
## 1250639	-73.96984	40.78464	9.000000	1.0000000	1.0000000
## 1251092	-73.94254	40.70308	11.000000	1.0000000	1.0000000
## 1251740	-73.93822	40.74500	7.500000	1.0000000	1.0000000
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## 1252079	-73.94400	40.63882	6.000000	1.0000000	1.0000000
## 1252251	-73.88168	40.67030	27.000000	1.0000000	1.0000000
## 1252327	-73.95449	40.73446	4.500000	1.0000000	1.0000000
## 1252679	-73.93398	40.73730	6.000000	1.0000000	1.0000000
## 1254033	-73.95533	40.69467	8.000000	1.0000000	1.0000000
## 1254213	-73.94721	40.79434	7.000000	1.0000000	1.0000000
## 1254892	-74.00758	40.71483	10.500000	1.0000000	1.0000000
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## 1256320	-73.95399	40.77542	11.500000	1.0000000	1.0000000
## 1256663	-73.92459	40.74694	15.500000	1.0000000	1.0000000
## 1256742	-73.97451	40.69683	5.500000	1.0000000	1.0000000
## 1256778	-73.93889	40.80483	7.000000	1.0000000	1.0000000
## 1257362	-73.94867	40.70967	7.000000	1.0000000	1.0000000
## 1257559	-73.96607	40.68398	10.000000	1.0000000	1.0000000
## 1257784	-73.95910	40.69280	15.500000	1.0000000	1.0000000
## 1258479	-73.85983	40.72742	6.000000	1.0000000	1.0000000
## 1258499	-73.95437	40.68585	17.000000	1.0000000	1.0000000
## 1258716	-73.98344	40.73001	15.000000	1.0000000	1.0000000
## 1258894	-73.99137	40.69175	8.000000	1.0000000	1.0000000
## 1258913	-73.95813	40.67547	8.500000	1.0000000	1.0000000
## 1259024	-73.86277	40.69594	11.500000	1.0000000	1.0000000
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## 1260926	-73.99807	40.67788	9.500000	0.5000000	1.0000000
## 1261039	-73.95905	40.74229	12.000000	0.5000000	1.0000000
## 1261157	-73.82246	40.73232	9.000000	0.5000000	1.0000000
## 1261280	-73.99178	40.68081	5.500000	0.5000000	1.0000000
## 1261300	-73.81062	40.67264	17.000000	0.5000000	1.0000000
## 1261482	-73.98619	40.73080	16.000000	1.0000000	1.0000000
## 1261693	-73.88255	40.74990	6.500000	0.5000000	1.0000000
## 1261730	-73.99955	40.67477	5.000000	0.5000000	1.0000000
## 1262137	-74.01051	40.60932	6.000000	0.5000000	1.0000000
## 1262155	-73.86178	40.74655	6.500000	0.5000000	1.0000000
## 1262289	-73.96547	40.71280	7.000000	1.0000000	1.0000000
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## 1262712	-73.90080	40.73885	5.000000	0.5000000	1.0000000
## 1262958	-73.96358	40.71041	7.500000	0.5000000	1.0000000
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## 1263911	-73.93385	40.70559	18.500000	0.5000000	1.0000000
## 1264039	-73.91459	40.77177	5.000000	0.5000000	1.0000000
## 1264666	-73.93848	40.80980	6.000000	0.5000000	1.0000000
## 1264693	-73.92630	40.67215	14.500000	0.5000000	1.0000000
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## 1265310	-73.75441	40.72363	15.000000	0.5000000	1.0000000
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## 1267112	-73.95802	40.66784	10.500000	0.5000000	1.0000000
## 1267904	-73.89055	40.76828	7.500000	0.5000000	1.0000000
## 1267999	-73.88405	40.75382	6.500000	0.5000000	1.0000000
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## 1268638	-73.90571	40.73756	5.500000	0.5000000	1.0000000
## 1268650	-73.92463	40.67877	21.500000	0.5000000	1.0000000
## 1268753	-73.95867	40.78107	9.000000	0.5000000	1.0000000
## 1268848	-73.91268	40.77042	21.000000	0.5000000	1.0000000
## 1269393	-73.95005	40.68041	5.500000	0.5000000	1.0000000
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## 1269664	-73.87376	40.72396	9.500000	0.5000000	1.0000000
## 1269668	-73.85710	40.71659	5.500000	0.5000000	1.0000000
## 1270748	-74.00293	40.68467	14.000000	0.5000000	1.0000000
## 1270969	-73.94579	40.67945	2.500000	0.5000000	1.0000000
## 1271217	-73.78716	40.69542	9.000000	0.5000000	1.0000000
## 1271331	-73.92581	40.80622	7.500000	0.5000000	1.0000000
## 1271517	-73.98663	40.66512	22.500000	0.5000000	1.0000000
## 1271678	-73.96163	40.71122	6.500000	0.5000000	1.0000000
## 1271710	-73.99403	40.68416	9.500000	0.5000000	1.0000000
## 1271807	-73.91540	40.66633	5.500000	0.5000000	1.0000000
## 1272194	-73.99535	40.76054	14.500000	0.5000000	1.0000000
## 1273365	-73.93327	40.68969	8.000000	0.5000000	1.0000000
## 1274049	-73.86002	40.83690	19.500000	0.5000000	1.0000000
## 1274151	-73.97131	40.78259	34.500000	0.5000000	1.0000000
## 1274275	-73.91006	40.63165	26.000000	0.5000000	1.0000000
## 1275128	-73.96424	40.79251	4.000000	0.5000000	1.0000000
## 1275343	-73.98254	40.76313	23.500000	0.5000000	1.0000000
## 1275385	-73.91612	40.76529	11.000000	0.5000000	1.0000000
## 1275442	-73.94049	40.79343	9.000000	0.0000000	1.0000000
## 1275444	-73.95619	40.81894	8.000000	0.0000000	1.0000000
## 1275624	-73.78893	40.64157	42.000000	0.0000000	1.0000000
## 1275703	-73.95300	40.81097	6.000000	0.0000000	1.0000000
## 1275959	-74.00625	40.70620	28.500000	0.0000000	1.0000000
## 1276277	-73.95261	40.81852	13.000000	0.0000000	1.0000000
## 1276498	-73.97184	40.75436	11.000000	0.0000000	1.0000000
## 1276860	-73.96369	40.77112	7.500000	0.0000000	1.0000000
## 1276915	-73.95595	40.81060	9.000000	0.0000000	1.0000000
## 1278009	-73.99094	40.73468	33.500000	0.0000000	1.0000000
## 1278169	-73.94648	40.81004	6.500000	0.0000000	1.0000000
## 1278282	-73.90543	40.84920	12.000000	0.0000000	0.0000000
## 1278477	-73.95341	40.80957	7.500000	0.0000000	1.0000000
## 1278869	-73.91978	40.75811	4.000000	0.0000000	1.0000000
## 1279309	-73.95674	40.77782	6.000000	0.0000000	1.0000000
## 1279382	-73.94182	40.82024	3.500000	0.0000000	1.0000000
## 1279423	-73.98884	40.77095	29.500000	0.0000000	1.0000000
## 1280961	-73.91774	40.81635	11.000000	0.0000000	1.0000000
## 1281326	-73.93625	40.82755	4.500000	0.0000000	1.0000000
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## 1282557	-73.98184	40.66723	5.500000	0.0000000	1.0000000
## 1282581	-73.81621	40.70114	7.500000	0.0000000	1.0000000
## 1282773	-73.98389	40.74813	16.500000	0.0000000	1.0000000
## 1282870	-73.89240	40.70105	19.000000	0.0000000	1.0000000
## 1284664	-73.96009	40.67206	6.500000	0.0000000	1.0000000
## 1285115	-73.98319	40.67736	12.000000	0.0000000	1.0000000
## 1285657	-73.95174	40.81947	7.000000	0.0000000	1.0000000
## 1285830	-73.98013	40.67789	11.500000	0.0000000	1.0000000
## 1286342	-73.93493	40.80331	5.000000	0.0000000	1.0000000
## 1286500	-73.95097	40.77073	10.000000	0.0000000	1.0000000
## 1286712	-73.98589	40.74537	26.000000	0.0000000	1.0000000

## 1286906	-73.95267	40.78923	6.500000	0.0000000	1.0000000
## 1287113	-73.94970	40.82606	11.000000	0.0000000	1.0000000
## 1287274	-73.92719	40.76840	7.000000	0.0000000	1.0000000
## 1287333	-73.94701	40.79086	6.500000	0.0000000	1.0000000
## 1287670	-73.94230	40.72587	7.000000	0.0000000	1.0000000
## 1288019	-73.88130	40.75007	8.000000	0.0000000	1.0000000
## 1288120	-73.97529	40.79354	18.500000	0.0000000	1.0000000
## 1289326	-73.91468	40.84045	10.500000	0.0000000	1.0000000
## 1289633	-73.86464	40.77024	25.500000	0.0000000	1.0000000
## 1289868	-73.94575	40.82533	5.500000	0.0000000	1.0000000
## 1290312	-73.97535	40.76128	17.000000	0.0000000	1.0000000
## 1290589	-73.93694	40.76452	3.000000	0.0000000	1.0000000
## 1290682	-73.90833	40.67810	19.500000	0.0000000	1.0000000
## 1290690	-73.92328	40.81707	0.000000	0.0000000	0.0000000
## 1290805	-73.93218	40.79516	5.000000	0.0000000	1.0000000
## 1290884	-73.86194	40.86313	13.500000	0.0000000	1.0000000
## 1290989	-73.99939	40.75464	22.500000	0.0000000	1.0000000
## 1291514	-73.90795	40.76055	9.000000	0.0000000	1.0000000
## 1291945	-73.90845	40.68396	9.500000	0.0000000	1.0000000
## 1292216	-73.94884	40.78895	8.000000	0.0000000	1.0000000
## 1292384	-73.76955	40.70419	15.000000	0.0000000	1.0000000
## 1292471	-73.98073	40.76997	13.500000	0.0000000	1.0000000
## 1292538	-73.99274	40.68899	4.000000	0.0000000	1.0000000
## 1292611	-73.96305	40.72020	24.000000	0.0000000	1.0000000
## 1293254	-73.93183	40.63741	11.500000	0.0000000	1.0000000
## 1293837	-73.81075	40.72534	10.500000	0.0000000	1.0000000
## 1294417	-73.93975	40.67711	25.500000	0.0000000	1.0000000
## 1294683	-73.97474	40.77778	39.000000	0.0000000	1.0000000
## 1294770	-73.79818	40.72611	8.500000	0.0000000	1.0000000
## 1294975	-73.95827	40.63548	13.500000	0.0000000	1.0000000
## 1295082	-73.99726	40.69652	23.500000	0.0000000	1.0000000
## 1295458	-73.83694	40.86720	0.000000	0.0000000	0.0000000
## 1295901	-73.99226	40.75819	21.500000	0.0000000	1.0000000
## 1296260	-73.87109	40.77414	24.000000	1.0000000	1.0000000
## 1297213	-73.93776	40.80085	6.500000	1.0000000	1.0000000
## 1297472	-73.95415	40.67331	7.000000	1.0000000	1.0000000
## 1297545	-73.99548	40.75950	19.000000	1.0000000	1.0000000
## 1297569	-73.99294	40.67660	9.500000	1.0000000	1.0000000
## 1297836	-73.90592	40.63683	13.500000	1.0000000	1.0000000
## 1297888	-73.92206	40.67924	19.500000	1.0000000	1.0000000
## 1298268	-73.97413	40.78386	9.500000	1.0000000	1.0000000
## 1298467	-73.93637	40.68259	3.500000	1.0000000	1.0000000
## 1298825	-73.93885	40.76082	5.500000	1.0000000	1.0000000
## 1298916	-73.95642	40.79995	7.000000	1.0000000	1.0000000
## 1299338	-73.86217	40.76867	32.000000	1.0000000	1.0000000
## 1299476	-73.94560	40.83279	7.500000	1.0000000	1.0000000
## 1299918	-73.91935	40.83509	16.000000	1.0000000	1.0000000
## 1300968	-73.96929	40.69551	8.500000	1.0000000	1.0000000
## 1301354	-73.83346	40.74464	9.500000	1.0000000	0.0000000
## 1302327	-73.92756	40.64310	9.500000	1.0000000	1.0000000
## 1302641	-73.95344	40.69052	8.500000	0.5000000	1.0000000
## 1303473	-73.85468	40.70664	8.500000	1.0000000	1.0000000
## 1303568	-73.93793	40.68927	10.305960	0.0000000	0.0000000
## 1303619	-73.86230	40.73515	33.000000	1.0000000	1.0000000
## 1304044	-73.98893	40.69321	13.000000	1.0000000	1.0000000
## 1304383	-73.96448	40.76006	28.000000	1.0000000	1.0000000
## 1304659	-73.94927	40.82031	10.500000	1.0000000	1.0000000
## 1305604	-73.99147	40.68945	10.500000	1.0000000	1.0000000
## 1305670	-73.98185	40.68575	7.000000	1.0000000	1.0000000
## 1305705	-73.95806	40.81542	12.000000	1.0000000	1.0000000
## 1306131	-73.95317	40.66377	11.500000	1.0000000	1.0000000
## 1306162	-73.98426	40.66768	6.000000	1.0000000	1.0000000
## 1306735	-73.98100	40.67572	12.500000	1.0000000	1.0000000
## 1306782	-73.96490	40.58691	5.500000	1.0000000	1.0000000

## 1307599	-73.87629	40.75309	12.500000	1.0000000	1.0000000
## 1308144	-73.93429	40.76672	4.000000	1.0000000	1.0000000
## 1308187	-73.94341	40.69552	9.500000	1.0000000	1.0000000
## 1308414	-73.97688	40.68697	6.000000	1.0000000	1.0000000
## 1308909	-73.94342	40.70831	13.000000	1.0000000	1.0000000
## 1309362	-73.93791	40.81451	4.500000	1.0000000	1.0000000
## 1310180	-73.95368	40.67463	14.000000	1.0000000	1.0000000
## 1311056	-73.98431	40.78016	12.000000	1.0000000	1.0000000
## 1311071	-73.88912	40.63408	25.500000	1.0000000	1.0000000
## 1311247	-73.95637	40.74723	4.500000	1.0000000	1.0000000
## 1311303	-73.99582	40.69070	3.500000	1.0000000	1.0000000
## 1311319	-73.89329	40.88366	5.500000	1.0000000	1.0000000
## 1311518	-73.99315	40.75541	29.500000	0.5000000	1.0000000
## 1311801	-73.88251	40.75053	7.500000	0.5000000	1.0000000
## 1311956	-73.95867	40.77997	5.000000	0.5000000	1.0000000
## 1312644	-73.99583	40.75016	24.000000	0.5000000	1.0000000
## 1313547	-73.94018	40.70929	16.000000	0.5000000	1.0000000
## 1314183	-73.98486	40.71924	15.500000	0.5000000	1.0000000
## 1314248	-73.84546	40.85514	28.500000	0.5000000	1.0000000
## 1314321	-73.92007	40.75639	4.000000	0.5000000	1.0000000
## 1314751	-73.96073	40.71505	11.000000	0.5000000	1.0000000
## 1314848	-73.81453	40.69029	8.000000	0.5000000	1.0000000
## 1314968	-73.89893	40.73758	7.000000	0.5000000	1.0000000
## 1314976	-73.97380	40.74752	15.000000	0.5000000	1.0000000
## 1315796	-73.87405	40.77380	16.500000	0.5000000	1.0000000
## 1315998	-73.94888	40.78177	26.500000	0.5000000	1.0000000
## 1316041	-73.93506	40.69890	5.500000	0.5000000	1.0000000
## 1316044	-73.94743	40.83084	3.000000	0.5000000	1.0000000
## 1316306	-73.98219	40.71871	25.000000	0.5000000	1.0000000
## 1316420	-73.82394	40.76670	5.000000	0.5000000	1.0000000
## 1317057	-73.94449	40.71483	5.500000	0.5000000	1.0000000
## 1317139	-73.88586	40.75259	9.000000	0.5000000	1.0000000
## 1318116	-73.94632	40.66871	12.500000	0.5000000	1.0000000
## 1318179	-73.90446	40.74486	5.500000	0.5000000	1.0000000
## 1318650	-74.00845	40.68118	8.000000	0.5000000	1.0000000
## 1318706	-73.92516	40.69112	10.000000	0.5000000	1.0000000
## 1319058	-73.93592	40.80868	6.500000	0.5000000	1.0000000
## 1319081	-73.96143	40.71378	12.000000	0.5000000	1.0000000
## 1319209	-73.93869	40.80487	6.000000	0.5000000	1.0000000
## 1319274	-73.86964	40.73355	8.000000	0.0000000	0.0000000
## 1319640	-73.94430	40.84161	2.500000	0.5000000	1.0000000
## 1320282	-73.97372	40.63973	5.500000	0.5000000	1.0000000
## 1320444	-73.95004	40.82623	7.000000	0.5000000	1.0000000
## 1320524	-73.93225	40.64177	9.000000	0.5000000	1.0000000
## 1320551	-73.95635	40.69110	10.500000	0.5000000	1.0000000
## 1320947	-73.99822	40.74528	23.500000	0.5000000	1.0000000
## 1321145	-73.95036	40.71593	4.000000	0.5000000	1.0000000
## 1321331	-73.95771	40.77016	6.500000	0.5000000	1.0000000
## 1321686	-73.95271	40.78070	9.000000	0.5000000	1.0000000
## 1322261	-73.96007	40.71398	10.500000	0.5000000	1.0000000
## 1322621	-73.95859	40.72327	17.000000	0.5000000	1.0000000
## 1322676	-73.96698	40.67632	15.500000	0.5000000	1.0000000
## 1322803	-73.93853	40.81191	8.000000	0.5000000	1.0000000
## 1322933	-73.98132	40.76896	25.500000	0.5000000	1.0000000
## 1323228	-73.95783	40.80615	6.000000	0.5000000	1.0000000
## 1323352	-73.95766	40.67543	27.000000	0.5000000	1.0000000
## 1323519	-73.86951	40.68656	16.500000	0.5000000	1.0000000
## 1323909	-73.94444	40.68094	8.500000	0.5000000	1.0000000
## 1325676	-73.92371	40.86188	10.500000	0.5000000	1.0000000
## 1325784	-73.95838	40.72193	4.000000	0.5000000	1.0000000
## 1326144	-73.86443	40.75325	7.000000	0.5000000	1.0000000
## 1326265	-73.93343	40.76328	7.000000	0.5000000	1.0000000
## 1326817	-73.95429	40.80396	11.500000	0.5000000	1.0000000
## 1328179	-73.92583	40.76691	4.000000	0.5000000	1.0000000

## 1328257	-73.91913	40.85386	19.000000	0.500000	1.000000
## 1328285	-73.90194	40.77618	8.500000	0.500000	1.000000
## 1329483	-73.89905	40.74623	8.000000	0.500000	1.000000
## 1329552	-73.94508	40.81331	3.500000	0.500000	1.000000
## 1329690	-73.88420	40.74763	5.000000	0.500000	1.000000
## 1329759	-73.97511	40.64714	20.000000	0.500000	1.000000
## 1329881	-73.94920	40.72267	4.000000	0.500000	1.000000
## 1330781	-73.98098	40.72263	23.000000	0.500000	1.000000
## 1330919	-74.00363	40.71894	24.500000	0.500000	1.000000
## 1331676	-73.99522	40.76493	19.000000	0.500000	1.000000
## 1331687	-73.93927	40.81055	4.000000	0.500000	1.000000
## 1331833	-73.88673	40.67590	21.000000	0.500000	1.000000
## 1332402	-73.86480	40.73679	8.000000	0.500000	1.000000
## 1332467	-73.95171	40.66819	13.500000	0.500000	1.000000
## 1332510	-73.96027	40.69014	9.000000	0.500000	1.000000
## 1332763	-73.94319	40.69492	7.500000	0.500000	1.000000
## 1334113	-73.94841	40.67836	11.000000	0.500000	1.000000
## 1334314	-73.90861	40.74664	11.000000	0.500000	1.000000
## 1334397	-73.84836	40.72368	22.000000	0.500000	1.000000
## 1334653	-73.99106	40.73982	24.500000	0.500000	1.000000
## 1334794	-73.94508	40.80293	6.500000	0.500000	1.000000
## 1334825	-73.91974	40.74194	5.500000	0.500000	1.000000
## 1334872	-73.93780	40.75501	26.500000	0.500000	1.000000
## 1335640	-73.94510	40.67658	7.000000	0.500000	1.000000
## 1335858	-73.97791	40.68006	15.000000	0.500000	1.000000
## 1335930	-73.99181	40.66303	11.000000	0.500000	1.000000
## 1336028	-73.89565	40.81682	17.500000	0.500000	1.000000
## 1336207	-74.00275	40.73334	19.000000	0.500000	1.000000
## 1336377	-73.85812	40.74857	9.500000	0.500000	1.000000
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## 1336637	-73.94286	40.82901	4.000000	0.500000	1.000000
## 1336779	-73.98542	40.76316	25.500000	0.500000	1.000000
## 1336846	-73.95795	40.71751	11.500000	0.500000	1.000000
## 1336958	-73.93839	40.70388	6.500000	0.500000	1.000000
## 1336977	-73.93526	40.67685	4.500000	0.500000	1.000000
## 1337165	-73.93019	40.70319	7.500000	0.500000	1.000000
## 1337211	-73.92262	40.75713	15.000000	0.500000	1.000000
## 1337788	-73.99288	40.69729	15.500000	0.500000	1.000000
## 1337814	-73.95448	40.73670	12.000000	0.500000	1.000000
## 1339657	-73.83875	40.92582	31.500000	0.500000	1.000000
## 1339989	-73.77332	40.75409	14.500000	0.500000	1.000000
## 1340143	-73.92974	40.76848	8.000000	0.500000	1.000000
## 1340221	-73.94154	40.67777	18.500000	0.500000	1.000000
## 1340319	-73.85352	40.73958	21.000000	0.500000	1.000000
## 1341049	-73.92053	40.76394	5.000000	0.500000	1.000000
## 1341380	-73.91399	40.70006	10.500000	0.500000	1.000000
## 1342013	-73.92007	40.80318	14.000000	0.000000	1.000000
## 1342617	-73.87899	40.75034	6.000000	0.500000	1.000000
## 1343208	-73.95590	40.73005	10.500000	0.000000	1.000000
## 1343510	-73.88380	40.74580	5.000000	0.000000	1.000000
## 1343511	-73.92292	40.76505	12.500000	0.000000	1.000000
## 1343692	-73.95273	40.81062	7.500000	0.000000	1.000000
## 1343983	-73.90340	40.74566	10.500000	0.000000	1.000000
## 1344727	-73.96724	40.68806	5.500000	0.000000	1.000000
## 1344769	-73.93726	40.74536	13.000000	0.000000	1.000000
## 1344830	-73.94353	40.74660	11.000000	0.000000	1.000000
## 1345047	-73.95253	40.74250	4.500000	0.000000	1.000000
## 1345475	-73.99682	40.68054	3.500000	0.000000	1.000000
## 1345838	-73.86948	40.75705	8.500000	0.000000	1.000000
## 1346065	-73.95379	40.80632	8.000000	0.000000	1.000000
## 1346237	-73.96007	40.80799	6.500000	0.000000	1.000000
## 1346373	-73.98185	40.67613	16.000000	0.000000	1.000000
## 1346554	-73.90308	40.74638	7.500000	0.000000	1.000000
## 1346751	-73.94267	40.81493	6.000000	0.000000	1.000000

## 1347119	-73.94373	40.80291	4.500000	0.0000000	1.0000000
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## 1347777	-73.95297	40.71671	9.500000	0.0000000	1.0000000
## 1348133	-73.90707	40.74373	4.500000	0.0000000	1.0000000
## 1348193	-73.89634	40.74654	7.000000	0.0000000	1.0000000
## 1348576	-74.00130	40.62594	11.000000	0.0000000	1.0000000
## 1348724	-73.96521	40.79308	27.000000	0.0000000	1.0000000
## 1349030	-73.91558	40.82481	9.000000	0.0000000	1.0000000
## 1349295	-73.90911	40.87410	16.500000	0.0000000	1.0000000
## 1349437	-73.96190	40.79887	9.000000	0.0000000	1.0000000
## 1349491	-73.98959	40.68639	4.000000	0.0000000	1.0000000
## 1349954	-73.99069	40.69258	10.500000	0.0000000	1.0000000
## 1350337	-73.97549	40.75963	12.500000	0.0000000	1.0000000
## 1352018	-73.95792	40.77029	8.000000	0.0000000	1.0000000
## 1352168	-73.80784	40.75908	9.500000	0.0000000	1.0000000
## 1352347	-73.98335	40.69759	4.500000	0.0000000	1.0000000
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## 1352644	-73.98026	40.68865	6.000000	0.0000000	1.0000000
## 1353411	-73.80293	40.78233	15.000000	0.0000000	1.0000000
## 1353659	-73.95113	40.71157	16.000000	0.0000000	1.0000000
## 1354284	-73.98990	40.57608	26.500000	0.0000000	1.0000000
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## 1354351	-73.99156	40.71743	18.500000	0.0000000	1.0000000
## 1354374	-74.02624	40.63480	84.291036	0.0000000	1.0000000
## 1355173	-73.93821	40.68997	13.000000	0.0000000	1.0000000
## 1355597	-73.91179	40.76891	5.000000	0.0000000	1.0000000
## 1355960	-73.93876	40.80459	8.000000	0.0000000	1.0000000
## 1356712	-73.90679	40.73714	14.500000	0.0000000	1.0000000
## 1357382	-73.82487	40.86693	12.500000	0.0000000	1.0000000
## 1357704	-73.85815	40.90533	11.500000	0.0000000	1.0000000
## 1357750	-73.99564	40.72657	27.000000	0.0000000	1.0000000
## 1357751	-73.95837	40.66995	10.000000	0.0000000	1.0000000
## 1357859	-73.88870	40.75841	7.000000	0.0000000	1.0000000
## 1358622	-73.97820	40.73684	38.500000	0.0000000	1.0000000
## 1358663	-73.93924	40.80515	5.000000	0.0000000	1.0000000
## 1358688	-73.85342	40.84937	8.000000	0.0000000	0.0000000
## 1358834	-73.91315	40.76350	7.000000	0.0000000	1.0000000
## 1358969	-73.96996	40.78958	11.500000	0.0000000	1.0000000
## 1358970	-73.94423	40.80934	5.500000	0.0000000	1.0000000
## 1359012	-73.99329	40.66139	7.500000	0.0000000	1.0000000
## 1359461	-73.98145	40.65778	8.000000	0.0000000	1.0000000
## 1359789	-73.91044	40.80209	13.000000	0.0000000	1.0000000
## 1359819	-73.99907	40.68488	8.500000	0.0000000	1.0000000
## 1360034	-73.81263	40.73206	10.500000	0.0000000	1.0000000
## 1360297	-73.95222	40.77844	6.500000	0.0000000	1.0000000
## 1360468	-73.89190	40.82337	5.000000	0.0000000	1.0000000
## 1360496	-73.95147	40.77443	8.000000	0.0000000	1.0000000
## 1360682	-73.96029	40.71527	5.000000	0.0000000	1.0000000
## 1360816	-73.88605	40.74743	9.500000	0.0000000	1.0000000
## 1361105	-73.98760	40.66032	10.500000	0.0000000	1.0000000
## 1361270	-73.90472	40.72903	7.500000	0.0000000	1.0000000
## 1361758	-73.93090	40.67094	9.000000	0.0000000	1.0000000
## 1361858	-73.81473	40.69168	8.500000	0.0000000	1.0000000
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## 1362576	-73.88828	40.74036	8.000000	0.0000000	1.0000000
## 1362733	-73.95296	40.77668	12.000000	0.0000000	1.0000000
## 1363283	-73.94746	40.82349	7.500000	0.0000000	1.0000000
## 1363593	-73.95981	40.74299	12.500000	0.0000000	1.0000000
## 1364267	-73.98907	40.69635	14.000000	0.0000000	1.0000000
## 1365082	-73.94931	40.80714	4.500000	0.0000000	1.0000000
## 1365211	-73.82258	40.71460	14.500000	0.0000000	1.0000000
## 1366286	-73.94469	40.67661	13.000000	0.0000000	1.0000000

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## 1366696	-73.97530	40.78250	17.000000	0.0000000	1.0000000
## 1367244	-73.98344	40.77135	13.500000	0.0000000	1.0000000
## 1368773	-74.00069	40.64471	14.000000	0.0000000	1.0000000
## 1369141	-73.97353	40.67730	7.500000	0.0000000	1.0000000
## 1369555	-73.93111	40.82093	8.500000	0.0000000	1.0000000
## 1369571	-73.98123	40.67762	10.000000	0.0000000	1.0000000
## 1370232	-73.98583	40.72681	16.500000	0.0000000	1.0000000
## 1370242	-74.00143	40.73092	22.500000	0.0000000	1.0000000
## 1370269	-73.99935	40.73355	28.500000	0.0000000	1.0000000
## 1370573	-73.91782	40.75849	10.500000	0.0000000	0.0000000
## 1370711	-73.97961	40.78367	9.000000	0.0000000	1.0000000
## 1370970	-73.95176	40.58579	8.500000	0.0000000	1.0000000
## 1371394	-73.97173	40.69324	11.000000	0.0000000	1.0000000
## 1371680	-73.90790	40.74529	8.000000	1.0000000	1.0000000
## 1371857	-73.98915	40.72144	15.500000	1.0000000	1.0000000
## 1371895	-73.85868	40.74235	6.500000	1.0000000	1.0000000
## 1372206	-73.89773	40.70797	17.500000	0.0000000	1.0000000
## 1372248	-73.94392	40.68310	10.000000	0.0000000	1.0000000
## 1372904	-73.93597	40.71584	19.500000	0.0000000	1.0000000
## 1373406	-73.97514	40.74449	12.500000	0.0000000	1.0000000
## 1373542	-73.98655	40.70241	5.000000	0.0000000	1.0000000
## 1373850	-73.96690	40.76130	30.500000	0.0000000	1.0000000
## 1374187	-73.98543	40.67216	8.500000	0.0000000	1.0000000
## 1375138	-73.95480	40.72043	4.500000	0.0000000	1.0000000
## 1375776	-73.85429	40.74269	12.500000	1.0000000	1.0000000
## 1376882	-73.99931	40.68418	8.000000	0.5000000	1.0000000
## 1377151	-73.99462	40.74954	20.000000	0.5000000	1.0000000
## 1377205	-73.98305	40.72662	20.000000	0.5000000	1.0000000
## 1377525	-73.94193	40.70822	13.500000	0.5000000	1.0000000
## 1377851	-73.93089	40.77393	5.000000	0.5000000	1.0000000
## 1377909	-73.89690	40.88322	9.000000	0.5000000	1.0000000
## 1378619	-73.95724	40.71062	11.500000	0.5000000	1.0000000
## 1378795	-73.99414	40.69495	10.500000	0.5000000	1.0000000
## 1378802	-73.98022	40.68792	11.500000	0.5000000	1.0000000
## 1379621	-73.95150	40.80950	9.000000	0.5000000	1.0000000
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## 1380240	-73.94612	40.80050	5.500000	0.5000000	1.0000000
## 1380781	-73.98824	40.65952	23.000000	0.5000000	1.0000000
## 1380850	-73.98605	40.68915	16.000000	0.5000000	1.0000000
## 1381160	-73.87592	40.82656	14.000000	0.5000000	1.0000000
## 1381311	-73.86037	40.68883	14.500000	0.5000000	1.0000000
## 1381361	-73.93566	40.79578	14.000000	0.5000000	1.0000000
## 1381645	-73.98812	40.76459	25.000000	0.5000000	1.0000000
## 1381702	-73.91547	40.75736	7.500000	0.5000000	1.0000000
## 1381746	-73.97641	40.68273	13.000000	0.5000000	1.0000000
## 1381911	-73.95981	40.69421	15.000000	0.5000000	1.0000000
## 1382021	-73.85119	40.83281	18.000000	0.5000000	1.0000000
## 1382034	-73.92537	40.82503	20.000000	0.5000000	1.0000000
## 1382232	-73.93586	40.79633	5.000000	0.5000000	1.0000000
## 1382959	-73.89741	40.75249	13.500000	0.5000000	1.0000000
## 1383090	-73.92458	40.70012	13.500000	0.5000000	1.0000000
## 1383922	-73.95807	40.67042	8.000000	0.5000000	1.0000000
## 1384057	-73.84713	40.81924	7.000000	0.5000000	1.0000000
## 1384434	-73.96818	40.70781	9.500000	0.5000000	1.0000000
## 1384571	-73.95128	40.71165	18.500000	0.5000000	1.0000000
## 1384635	-73.94123	40.78841	5.000000	0.5000000	1.0000000
## 1384934	-73.86237	40.73782	5.000000	0.5000000	1.0000000
## 1385690	-73.88232	40.73743	7.500000	0.5000000	1.0000000
## 1385745	-73.99832	40.76064	23.500000	0.5000000	1.0000000
## 1386143	-73.94672	40.70257	6.500000	0.5000000	1.0000000
## 1386219	-73.93778	40.81252	5.000000	0.5000000	1.0000000
## 1386617	-73.91989	40.66711	9.000000	0.5000000	1.0000000

## 1387226	-73.97374	40.78288	22.500000	0.500000	1.000000
## 1387503	-73.94635	40.70850	5.500000	0.500000	1.000000
## 1387813	-74.00382	40.71695	17.000000	0.500000	1.000000
## 1387887	-73.98634	40.58338	33.000000	0.500000	1.000000
## 1388192	-73.97214	40.68946	4.000000	0.500000	1.000000
## 1388352	-73.94595	40.66934	7.500000	0.500000	1.000000
## 1388404	-73.95044	40.66722	9.000000	0.500000	1.000000
## 1388455	-73.99240	40.67388	7.000000	0.500000	1.000000
## 1388776	-73.93954	40.81599	6.000000	0.500000	1.000000
## 1389215	-73.91219	40.85513	15.500000	0.500000	1.000000
## 1389376	-73.91678	40.84668	10.000000	0.000000	0.000000
## 1389505	-73.94437	40.79201	5.500000	0.500000	1.000000
## 1389609	-73.94799	40.81446	3.000000	0.500000	1.000000
## 1389749	-73.91324	40.71500	4.500000	0.500000	1.000000
## 1389784	-73.93451	40.84457	6.500000	0.500000	1.000000
## 1390059	-73.98512	40.70309	13.500000	0.500000	1.000000
## 1390078	-73.98286	40.67086	18.000000	0.500000	1.000000
## 1390123	-73.81016	40.74167	8.500000	0.500000	1.000000
## 1390234	-73.99940	40.65584	9.000000	0.500000	1.000000
## 1390315	-73.95126	40.74279	15.000000	0.500000	1.000000
## 1390362	-73.92876	40.70242	14.500000	0.500000	1.000000
## 1390567	-73.93065	40.69523	5.000000	0.500000	1.000000
## 1390594	-73.91667	40.76325	10.000000	0.500000	1.000000
## 1390619	-73.96758	40.67933	11.500000	0.500000	1.000000
## 1391235	-73.82256	40.70009	10.500000	0.500000	1.000000
## 1391334	-73.74989	40.61229	34.000000	0.500000	1.000000
## 1392112	-73.95835	40.72991	7.000000	0.500000	1.000000
## 1392580	-73.92353	40.70602	6.000000	0.500000	1.000000
## 1392620	-73.98317	40.76831	30.500000	0.500000	1.000000
## 1393102	-73.91278	40.75605	4.500000	0.500000	1.000000
## 1393509	-73.95226	40.65527	7.500000	0.500000	1.000000
## 1393818	-73.94862	40.82876	7.500000	0.500000	1.000000
## 1394221	-73.91306	40.71339	10.000000	0.500000	1.000000
## 1394481	-74.01396	40.65005	13.500000	0.500000	1.000000
## 1394695	-73.94279	40.70482	6.500000	0.500000	1.000000
## 1394769	-73.99342	40.76760	30.500000	0.500000	1.000000
## 1394935	-73.98685	40.77051	33.500000	0.500000	1.000000
## 1394957	-73.79514	40.69138	5.000000	0.500000	1.000000
## 1395804	-73.99245	40.66074	12.500000	0.500000	1.000000
## 1395936	-73.82995	40.88269	9.000000	0.500000	1.000000
## 1396432	-73.94483	40.82821	10.500000	0.500000	1.000000
## 1396952	-73.98241	40.77378	20.000000	0.500000	1.000000
## 1397061	-73.96361	40.69598	11.500000	0.500000	1.000000
## 1397432	-73.93028	40.85158	7.000000	0.000000	0.000000
## 1397974	-73.92651	40.77485	17.500000	0.500000	1.000000
## 1399368	-73.92747	40.81847	6.000000	0.500000	1.000000
## 1399719	-73.98660	40.71821	15.500000	0.500000	1.000000
## 1399825	-73.89730	40.74629	8.000000	0.500000	1.000000
## 1399830	-73.99651	40.68857	17.500000	0.500000	1.000000
## 1399867	-73.92361	40.70698	4.500000	0.500000	1.000000
## 1400322	-73.82693	40.71223	16.000000	0.500000	1.000000
## 1400327	-73.90566	40.62096	28.000000	0.500000	1.000000
## 1400420	-74.00787	40.73288	26.000000	0.500000	1.000000
## 1400510	-73.97933	40.74730	23.500000	0.500000	1.000000
## 1400583	-73.92474	40.70354	4.500000	0.500000	1.000000
## 1400670	-73.80376	40.70560	27.000000	0.500000	1.000000
## 1401042	-73.92375	40.86448	35.000000	0.500000	1.000000
## 1401245	-73.86385	40.73727	9.000000	0.500000	1.000000
## 1401985	-73.91232	40.68851	14.000000	0.500000	1.000000
## 1402054	-73.99003	40.72977	15.000000	0.500000	1.000000
## 1402096	-73.87734	40.73713	18.500000	0.500000	1.000000
## 1402710	-73.98601	40.74231	18.500000	0.500000	1.000000
## 1402822	-73.97404	40.74814	20.000000	0.500000	1.000000
## 1403499	-73.93917	40.68606	7.500000	0.500000	1.000000

## 1404395	-73.99728	40.73265	20.500000	0.5000000	1.0000000
## 1404732	-73.90120	40.84769	15.000000	0.5000000	1.0000000
## 1404899	-73.95564	40.70748	4.000000	0.5000000	1.0000000
## 1404923	-73.89948	40.82655	5.500000	0.5000000	1.0000000
## 1405137	-73.94370	40.68237	15.500000	0.5000000	1.0000000
## 1405231	-73.88180	40.74413	5.500000	0.5000000	1.0000000
## 1405293	-73.94096	40.70490	17.500000	0.5000000	1.0000000
## 1405315	-73.94896	40.71115	4.500000	0.5000000	1.0000000
## 1405340	-73.88789	40.81242	9.000000	0.0000000	0.0000000
## 1406119	-73.86473	40.73701	7.500000	0.5000000	1.0000000
## 1406277	-73.88982	40.75319	8.000000	0.5000000	1.0000000
## 1406296	-73.87291	40.77457	22.500000	0.5000000	1.0000000
## 1406397	-73.87104	40.73886	6.000000	0.5000000	1.0000000
## 1406947	-73.90005	40.73248	10.000000	0.5000000	1.0000000
## 1406992	-73.86225	40.75012	6.000000	0.5000000	1.0000000
## 1407157	-73.85429	40.74273	8.500000	0.5000000	1.0000000
## 1407368	-74.00037	40.73138	16.000000	0.5000000	1.0000000
## 1407456	-73.92968	40.69378	12.500000	0.5000000	1.0000000
## 1407471	-73.90309	40.74633	6.500000	0.5000000	1.0000000
## 1408047	-73.85785	40.74137	11.500000	0.5000000	1.0000000
## 1408077	-73.94827	40.80044	10.000000	0.5000000	1.0000000
## 1408105	-73.85568	40.73270	24.500000	0.5000000	1.0000000
## 1408218	-73.98270	40.72576	16.000000	0.5000000	1.0000000
## 1408265	-73.85907	40.75161	13.500000	0.5000000	1.0000000
## 1408595	-73.99952	40.76189	23.500000	0.5000000	1.0000000
## 1408652	-73.95876	40.81006	7.000000	0.5000000	1.0000000
## 1408818	-73.88723	40.81393	0.000000	0.0000000	0.0000000
## 1409017	-73.87192	40.85207	40.000000	0.0000000	0.0000000
## 1409064	-73.91026	40.69077	20.000000	0.5000000	1.0000000
## 1409601	-73.90829	40.69556	12.500000	0.5000000	1.0000000
## 1409615	-73.97923	40.73718	25.000000	0.5000000	1.0000000
## 1410495	-73.99437	40.72052	14.500000	0.0000000	1.0000000
## 1410951	-73.98677	40.75931	27.000000	0.0000000	1.0000000
## 1411500	-73.97703	40.77997	11.000000	0.0000000	1.0000000
## 1411530	-73.94793	40.80145	6.500000	0.0000000	1.0000000
## 1411694	-73.96996	40.78457	35.000000	0.0000000	1.0000000
## 1411711	-73.88425	40.66114	20.000000	0.0000000	1.0000000
## 1412883	-73.85344	40.72717	5.000000	0.0000000	1.0000000
## 1412949	-73.97208	40.67482	11.000000	0.0000000	1.0000000
## 1412986	-73.99284	40.69813	5.000000	0.0000000	1.0000000
## 1413561	-73.89102	40.74690	7.000000	0.0000000	1.0000000
## 1414164	-73.95591	40.81304	4.000000	0.0000000	1.0000000
## 1414405	-73.95202	40.81147	7.000000	0.0000000	1.0000000
## 1414412	-73.90332	40.74584	9.000000	0.0000000	1.0000000
## 1414450	-73.94288	40.68787	35.500000	0.0000000	1.0000000
## 1414463	-73.85630	40.71138	6.500000	0.0000000	1.0000000
## 1414623	-73.98157	40.74693	24.000000	0.0000000	1.0000000
## 1414963	-73.93525	40.83190	10.000000	0.0000000	1.0000000
## 1415633	-74.00191	40.71928	29.000000	0.0000000	1.0000000
## 1415887	-73.95560	40.77752	6.000000	0.0000000	1.0000000
## 1416026	-73.93959	40.81594	6.500000	0.0000000	1.0000000
## 1416057	-73.94145	40.75504	7.000000	0.0000000	1.0000000
## 1416062	-73.99512	40.73986	34.000000	0.0000000	1.0000000
## 1416067	-73.97414	40.67955	6.000000	0.0000000	1.0000000
## 1416179	-73.98371	40.69618	22.500000	0.0000000	1.0000000
## 1416366	-73.99133	40.70251	4.000000	0.0000000	1.0000000
## 1416433	-73.96179	40.70844	16.500000	0.0000000	1.0000000
## 1416734	-73.93974	40.79777	6.500000	0.0000000	1.0000000
## 1416841	-73.95037	40.81124	7.000000	0.0000000	1.0000000
## 1416970	-73.97916	40.66320	6.000000	0.0000000	1.0000000
## 1416988	-73.86291	40.73209	8.500000	0.0000000	1.0000000
## 1417064	-73.96264	40.68775	8.500000	0.0000000	1.0000000
## 1417513	-73.96978	40.79734	6.000000	0.0000000	1.0000000
## 1418154	-73.86471	40.73455	9.000000	0.0000000	1.0000000

## 1418771	-73.97707	40.66446	7.000000	0.0000000	1.0000000
## 1418801	-73.97512	40.67497	7.000000	0.0000000	1.0000000
## 1419091	-73.98307	40.70137	5.000000	0.0000000	1.0000000
## 1419187	-73.86415	40.76984	30.000000	0.0000000	1.0000000
## 1420218	-73.93636	40.81725	9.000000	0.0000000	1.0000000
## 1420443	-73.93929	40.69426	17.000000	0.0000000	1.0000000
## 1420717	-73.78310	40.64874	47.000000	0.0000000	1.0000000
## 1420943	-73.96378	40.79572	9.500000	0.0000000	1.0000000
## 1420976	-73.92796	40.68813	5.500000	0.0000000	1.0000000
## 1421376	-74.00456	40.73768	15.000000	0.0000000	1.0000000
## 1421586	-73.95733	40.80905	10.500000	0.0000000	1.0000000
## 1421687	-73.97533	40.67451	9.000000	0.0000000	1.0000000
## 1421737	-73.92588	40.75479	16.000000	0.0000000	1.0000000
## 1422095	-73.96291	40.70583	27.500000	0.0000000	1.0000000
## 1422301	-73.78304	40.64388	22.500000	0.0000000	1.0000000
## 1422832	-73.99622	40.72110	18.500000	0.0000000	1.0000000
## 1423334	-73.93343	40.79517	6.500000	0.0000000	1.0000000
## 1423547	-73.95444	40.66066	11.500000	0.0000000	1.0000000
## 1423867	-73.93436	40.85885	4.000000	0.0000000	1.0000000
## 1423969	-73.92328	40.75572	6.500000	0.0000000	1.0000000
## 1424211	-73.96187	40.66721	11.500000	0.0000000	1.0000000
## 1424227	-73.87098	40.77396	13.500000	0.0000000	1.0000000
## 1424829	-73.99323	40.67766	8.500000	0.0000000	1.0000000
## 1425132	-74.00824	40.65751	21.000000	0.0000000	1.0000000
## 1425188	-73.96827	40.79995	7.000000	0.0000000	1.0000000
## 1425483	-73.99248	40.68979	12.500000	0.0000000	1.0000000
## 1425826	-73.91609	40.77439	10.000000	0.0000000	1.0000000
## 1425961	-73.86468	40.77028	21.500000	0.0000000	1.0000000
## 1426153	-73.85634	40.74594	9.000000	0.0000000	1.0000000
## 1426351	-73.87160	40.74041	8.000000	0.0000000	1.0000000
## 1426419	-73.82272	40.72644	14.000000	0.0000000	1.0000000
## 1426519	-73.97096	40.79531	8.500000	0.0000000	1.0000000
## 1426957	-73.91673	40.74315	5.500000	0.0000000	1.0000000
## 1427490	-73.96152	40.81318	4.500000	0.0000000	1.0000000
## 1427491	-73.92603	40.86348	16.500000	0.0000000	1.0000000
## 1427582	-73.96162	40.71840	17.500000	0.0000000	1.0000000
## 1428327	-73.98314	40.76571	32.000000	0.0000000	1.0000000
## 1428618	-73.92390	40.75293	5.500000	0.0000000	1.0000000
## 1429180	-73.78915	40.64164	52.000000	0.0000000	1.0000000
## 1429490	-73.78251	40.64413	19.000000	0.0000000	1.0000000
## 1429563	-73.87711	40.75259	14.500000	0.0000000	1.0000000
## 1429565	-73.96972	40.78640	10.500000	0.0000000	1.0000000
## 1429614	-73.87542	40.76330	10.500000	0.0000000	1.0000000
## 1429848	-73.99171	40.68160	4.000000	0.0000000	1.0000000
## 1429872	-73.95721	40.68881	8.500000	0.0000000	1.0000000
## 1430008	-73.94402	40.66859	8.000000	0.0000000	1.0000000
## 1430753	-73.99245	40.68950	11.500000	0.0000000	1.0000000
## 1430856	-73.94757	40.79395	6.000000	0.0000000	1.0000000
## 1431112	-73.93241	40.79524	6.000000	0.0000000	1.0000000
## 1431129	-73.99994	40.67842	5.000000	0.0000000	1.0000000
## 1431712	-73.85229	40.66438	18.000000	0.0000000	1.0000000
## 1431738	-73.95657	40.78671	8.500000	0.0000000	1.0000000
## 1431796	-73.87881	40.76352	10.000000	0.0000000	1.0000000
## 1431809	-73.92694	40.75955	5.000000	0.0000000	1.0000000
## 1432028	-73.94097	40.72166	5.000000	0.0000000	1.0000000
## 1432240	-73.91547	40.77207	6.500000	0.0000000	1.0000000
## 1432607	-73.92171	40.82547	9.000000	0.0000000	1.0000000
## 1432636	-73.90086	40.77277	9.000000	0.0000000	1.0000000
## 1433533	-73.96828	40.79996	7.500000	0.0000000	1.0000000
## 1433993	-73.98312	40.69639	7.000000	1.0000000	1.0000000
## 1434665	-73.96176	40.77126	18.500000	0.0000000	1.0000000
## 1435187	-73.94407	40.68404	12.000000	0.0000000	1.0000000
## 1435197	-73.94416	40.68397	13.000000	0.0000000	1.0000000
## 1436330	-73.97681	40.65027	10.500000	0.0000000	1.0000000

##	1436842	-73.95008	40.69933	10.500000	0.0000000	1.0000000
##	1436893	-73.90037	40.71208	15.000000	1.0000000	1.0000000
##	1437091	-73.93680	40.76207	5.000000	0.5000000	1.0000000
##	1437115	-73.94231	40.71207	19.000000	0.0000000	1.0000000
##	1437246	-73.94815	40.79813	6.500000	0.5000000	1.0000000
##	1437325	-74.00103	40.70763	10.500000	0.5000000	1.0000000
##	1437538	-73.98312	40.68330	10.000000	0.5000000	1.0000000
##	1438486	-73.98846	40.74852	25.500000	0.5000000	1.0000000
##	1438719	-73.90451	40.81244	6.000000	0.5000000	1.0000000
##	1439598	-73.94632	40.81166	5.000000	0.5000000	1.0000000
##	1439876	-73.98473	40.77969	30.000000	0.5000000	1.0000000
##	1440064	-73.92561	40.69139	12.000000	0.5000000	1.0000000
##	1440279	-73.90834	40.81556	12.500000	0.5000000	1.0000000
##	1440573	-73.73869	40.72485	31.000000	0.5000000	1.0000000
##	1440664	-73.97909	40.69337	4.000000	0.5000000	1.0000000
##	1440800	-73.92915	40.69358	13.000000	0.5000000	1.0000000
##	1440884	-73.93132	40.76505	11.500000	0.5000000	1.0000000
##	1441110	-73.94987	40.78048	9.500000	0.5000000	1.0000000
##	1441586	-73.92017	40.84205	9.500000	0.5000000	1.0000000
##	1441643	-73.95478	40.70881	16.500000	0.5000000	1.0000000
##	1441870	-73.86263	40.69255	18.500000	0.5000000	1.0000000
##	1441887	-73.95596	40.68117	11.500000	0.5000000	1.0000000
##	1442423	-73.94362	40.71824	7.000000	0.5000000	1.0000000
##	1442996	-73.93456	40.75359	6.000000	0.5000000	1.0000000
##	1443089	-73.94807	40.67960	11.000000	0.5000000	1.0000000
##	1443925	-73.90029	40.76754	10.500000	0.5000000	1.0000000
##	1444285	-73.94386	40.81546	20.000000	0.5000000	1.0000000
##	1445227	-73.88882	40.75885	5.500000	0.5000000	1.0000000
##		Improvement_surcharge	Tip_amount	Tolls_amount	Total_amount	
##	166	1.0000000	0.000000	0.000000	13.300000	
##	407	1.0000000	2.000000	0.000000	21.300000	
##	715	1.0000000	0.000000	0.000000	9.300000	
##	851	1.0000000	0.000000	0.000000	16.800000	
##	1072	1.0000000	3.260000	0.000000	19.560000	
##	1322	1.0000000	3.000000	0.000000	19.800000	
##	1667	1.0000000	3.260000	0.000000	19.560000	
##	1744	1.0000000	0.000000	0.000000	6.300000	
##	1969	1.0000000	0.000000	0.000000	8.800000	
##	2370	1.0000000	3.460000	0.000000	20.760000	
##	2756	1.0000000	2.000000	0.000000	16.800000	
##	3130	1.0000000	0.000000	0.000000	6.800000	
##	3902	1.0000000	0.000000	0.000000	8.800000	
##	4738	1.0000000	0.000000	0.000000	13.300000	
##	5162	1.0000000	1.750000	0.000000	10.550000	
##	5241	1.0000000	3.950000	0.000000	17.250000	
##	5242	1.0000000	1.150000	0.000000	6.950000	
##	5426	1.0000000	0.000000	0.000000	6.800000	
##	5472	1.0000000	0.000000	0.000000	9.300000	
##	5534	1.0000000	0.000000	0.000000	5.800000	
##	6010	1.0000000	0.000000	0.000000	15.800000	
##	6034	1.0000000	0.000000	0.000000	12.800000	
##	6454	1.0000000	0.000000	0.000000	5.800000	
##	7786	1.0000000	2.360000	0.000000	14.160000	
##	7806	1.0000000	0.000000	0.000000	3.800000	
##	7859	1.0000000	0.000000	0.000000	14.800000	
##	8025	1.0000000	0.000000	0.000000	7.300000	
##	8884	1.0000000	0.000000	0.000000	12.800000	
##	9072	1.0000000	3.060000	0.000000	18.360000	
##	9195	1.0000000	2.340000	0.000000	10.140000	
##	9412	1.0000000	0.000000	0.000000	9.300000	
##	9539	1.0000000	0.000000	0.000000	9.300000	
##	9823	1.0000000	0.000000	0.000000	19.300000	
##	9920	1.0000000	0.000000	0.000000	25.800000	
##	10311	1.0000000	2.340000	0.000000	10.140000	

## 10456	1.0000000	1.960000	0.000000	11.760000
## 10628	1.0000000	0.000000	0.000000	7.300000
## 10787	1.0000000	2.060000	0.000000	12.360000
## 10981	1.0000000	0.000000	0.000000	23.800000
## 11182	1.0000000	0.000000	0.000000	35.800000
## 11472	1.0000000	2.760000	0.000000	16.560000
## 11925	1.0000000	1.550000	0.000000	9.350000
## 12145	1.0000000	0.000000	0.000000	42.300000
## 12256	1.0000000	1.000000	0.000000	32.800000
## 12479	1.0000000	2.550000	0.000000	15.350000
## 13068	1.0000000	0.000000	0.000000	9.300000
## 13718	1.0000000	0.000000	0.000000	10.300000
## 14188	1.0000000	2.580000	0.000000	28.380000
## 14552	1.0000000	4.820000	0.000000	24.120000
## 14720	1.0000000	2.760000	0.000000	16.560000
## 14825	1.0000000	1.000000	0.000000	9.800000
## 15326	1.0000000	0.000000	0.000000	14.300000
## 16574	1.0000000	0.000000	0.000000	12.800000
## 16779	1.0000000	0.000000	0.000000	11.300000
## 16791	1.0000000	0.000000	0.000000	12.300000
## 18691	1.0000000	0.000000	0.000000	14.300000
## 19187	0.0000000	0.000000	0.000000	0.000000
## 19316	1.0000000	4.800000	0.000000	24.100000
## 19813	1.0000000	1.460000	0.000000	8.760000
## 19994	1.0000000	4.960000	0.000000	29.760000
## 20307	1.0000000	0.000000	0.000000	3.800000
## 21005	1.0000000	0.000000	0.000000	8.800000
## 21047	1.0000000	5.040000	0.000000	21.840000
## 21340	1.0000000	0.000000	0.000000	15.300000
## 21377	1.0000000	0.000000	0.000000	18.300000
## 21405	1.0000000	3.320000	0.000000	16.620000
## 21686	1.0000000	0.000000	0.000000	12.300000
## 21738	1.0000000	4.660000	0.000000	27.960000
## 22033	1.0000000	2.260000	0.000000	13.560000
## 22863	1.0000000	10.000000	0.000000	26.800000
## 22954	1.0000000	0.000000	0.000000	7.300000
## 23154	1.0000000	0.000000	0.000000	10.800000
## 23252	1.0000000	2.450000	0.000000	12.250000
## 23388	1.0000000	0.000000	0.000000	13.800000
## 23460	1.0000000	0.000000	0.000000	7.800000
## 23594	1.0000000	0.930000	0.000000	10.230000
## 24736	1.0000000	0.000000	0.000000	5.300000
## 24949	1.0000000	2.600000	0.000000	11.400000
## 25269	1.0000000	0.000000	0.000000	7.300000
## 25364	1.0000000	0.000000	0.000000	5.300000
## 25448	1.0000000	1.360000	0.000000	8.160000
## 25740	1.0000000	0.000000	0.000000	9.300000
## 25745	1.0000000	0.000000	0.000000	10.300000
## 25868	1.0000000	0.000000	0.000000	9.300000
## 26027	1.0000000	0.000000	0.000000	11.300000
## 26428	1.0000000	0.000000	0.000000	13.800000
## 26767	1.0000000	0.000000	0.000000	5.800000
## 26958	1.0000000	2.220000	0.000000	17.520000
## 28004	1.0000000	3.240000	0.000000	14.040000
## 28406	1.0000000	0.000000	0.000000	14.800000
## 28767	1.0000000	0.000000	0.000000	49.800000
## 29017	1.0000000	1.550000	0.000000	9.350000
## 29026	1.0000000	0.000000	0.000000	9.300000
## 29374	1.0000000	0.000000	0.000000	13.800000
## 30054	1.0000000	0.000000	0.000000	6.800000
## 30063	1.0000000	0.000000	0.000000	7.800000
## 30279	1.0000000	4.260000	0.000000	25.560000
## 30569	1.0000000	0.000000	0.000000	11.800000
## 31340	1.0000000	0.000000	0.000000	6.300000

## 31531	1.0000000	5.000000	0.000000	30.800000
## 32012	1.0000000	0.000000	0.000000	7.300000
## 32109	1.0000000	2.750000	0.000000	22.050000
## 32177	1.0000000	0.000000	0.000000	16.300000
## 32182	1.0000000	0.000000	0.000000	10.800000
## 32702	1.0000000	0.000000	0.000000	19.800000
## 33435	1.0000000	0.000000	0.000000	11.800000
## 33453	1.0000000	0.000000	0.000000	15.800000
## 33478	1.0000000	0.000000	0.000000	19.800000
## 33541	1.0000000	2.560000	0.000000	15.360000
## 33766	1.0000000	0.000000	0.000000	12.800000
## 33971	1.0000000	0.000000	0.000000	15.300000
## 34883	1.0000000	0.000000	0.000000	13.300000
## 35028	1.0000000	0.000000	0.000000	13.800000
## 35149	1.0000000	5.360000	0.000000	32.160000
## 36213	1.0000000	2.960000	0.000000	17.760000
## 37605	1.0000000	0.000000	0.000000	5.800000
## 37903	1.0000000	0.000000	0.000000	7.800000
## 37974	1.0000000	2.660000	0.000000	15.960000
## 38002	1.0000000	0.000000	0.000000	12.800000
## 38571	1.0000000	1.000000	0.000000	8.300000
## 38590	1.0000000	2.950000	0.000000	17.750000
## 38741	1.0000000	0.000000	0.000000	10.300000
## 38836	1.0000000	1.700000	0.000000	8.500000
## 39195	1.0000000	0.000000	0.000000	5.300000
## 39997	1.0000000	0.000000	0.000000	6.800000
## 40965	1.0000000	0.000000	0.000000	9.800000
## 41083	1.0000000	0.000000	0.000000	6.800000
## 41138	1.0000000	0.000000	0.000000	10.300000
## 41374	1.0000000	0.000000	0.000000	16.800000
## 42185	1.0000000	1.460000	0.000000	8.760000
## 43143	1.0000000	0.000000	0.000000	6.300000
## 43625	1.0000000	0.000000	5.540000	20.340000
## 43820	1.0000000	3.080000	0.000000	15.380000
## 43897	1.0000000	0.000000	0.000000	6.800000
## 44249	1.0000000	0.000000	0.000000	11.800000
## 44258	1.0000000	0.000000	0.000000	9.800000
## 44348	1.0000000	0.000000	0.000000	19.800000
## 44371	1.0000000	4.200000	0.000000	21.000000
## 44656	1.0000000	2.200000	0.000000	6.000000
## 44765	1.0000000	5.970000	5.540000	35.810000
## 45115	1.0000000	0.000000	0.000000	16.300000
## 45215	1.0000000	4.860000	0.000000	29.160000
## 45338	1.0000000	3.000000	0.000000	22.800000
## 45357	1.0000000	0.000000	0.000000	7.300000
## 45910	1.0000000	0.000000	0.000000	9.800000
## 46241	1.0000000	0.000000	0.000000	6.300000
## 46475	1.0000000	0.000000	0.000000	6.300000
## 47034	1.0000000	0.000000	0.000000	10.800000
## 47329	1.0000000	1.550000	0.000000	7.850000
## 48334	0.9574627	0.000000	0.000000	6.799445
## 48830	1.0000000	0.000000	0.000000	6.800000
## 48868	1.0000000	0.000000	0.000000	14.300000
## 49475	1.0000000	0.000000	0.000000	24.300000
## 49534	1.0000000	0.000000	0.000000	8.300000
## 49659	1.0000000	5.450000	0.000000	32.750000
## 49933	1.0000000	0.000000	0.000000	21.300000
## 49975	1.0000000	2.450000	0.000000	14.750000
## 50444	1.0000000	1.660000	0.000000	9.960000
## 50686	1.0000000	3.960000	0.000000	23.760000
## 50961	1.0000000	0.000000	0.000000	17.800000
## 51540	1.0000000	2.660000	0.000000	15.960000
## 51635	1.0000000	0.000000	0.000000	17.300000
## 51835	0.0000000	0.000000	0.000000	15.000000

## 51880	1.0000000	0.000000	0.000000	15.300000
## 52213	1.0000000	0.000000	0.000000	13.800000
## 52374	1.0000000	0.000000	0.000000	20.800000
## 52659	1.0000000	0.000000	0.000000	12.300000
## 53018	1.0000000	0.000000	0.000000	21.300000
## 53066	1.0000000	2.860000	0.000000	17.160000
## 53272	1.0000000	0.000000	0.000000	10.800000
## 54114	1.0000000	0.000000	0.000000	10.300000
## 54321	1.0000000	0.000000	0.000000	31.300000
## 55023	1.0000000	2.060000	0.000000	12.360000
## 55149	1.0000000	0.000000	0.000000	9.800000
## 56078	1.0000000	1.260000	0.000000	7.560000
## 56330	1.0000000	2.460000	0.000000	14.760000
## 56465	0.0000000	0.000000	0.000000	50.000000
## 57069	1.0000000	0.000000	0.000000	21.300000
## 57562	1.0000000	0.000000	0.000000	10.300000
## 57677	1.0000000	1.260000	0.000000	7.560000
## 57714	1.0000000	1.460000	0.000000	8.760000
## 57850	1.0000000	0.000000	0.000000	5.800000
## 58309	1.0000000	0.000000	0.000000	28.300000
## 58373	1.0000000	0.000000	0.000000	24.800000
## 58923	1.0000000	2.560000	0.000000	15.360000
## 59700	1.0000000	2.950000	0.000000	17.750000
## 59891	1.0000000	2.200000	0.000000	11.000000
## 61595	1.0000000	0.000000	0.000000	11.800000
## 61739	1.0000000	0.000000	0.000000	7.300000
## 61791	0.0000000	1.400000	0.000000	8.400000
## 61858	1.0000000	2.800000	0.000000	14.100000
## 62037	1.0000000	0.000000	0.000000	9.300000
## 62645	1.0000000	0.000000	0.000000	11.300000
## 62814	1.0000000	0.000000	0.000000	13.300000
## 63243	1.0000000	0.000000	0.000000	18.800000
## 63453	1.0000000	7.660000	0.000000	45.960000
## 64042	1.0000000	0.000000	0.000000	17.300000
## 64208	1.0000000	1.000000	0.000000	10.300000
## 64336	1.0000000	0.000000	0.000000	10.300000
## 64656	1.0000000	0.000000	0.000000	25.800000
## 64850	1.0000000	0.000000	0.000000	7.800000
## 64987	1.0000000	3.320000	0.000000	16.620000
## 65349	1.0000000	2.660000	0.000000	15.960000
## 65766	1.0000000	3.060000	0.000000	18.360000
## 66138	1.0000000	0.000000	0.000000	5.800000
## 67658	1.0000000	0.000000	0.000000	24.300000
## 68040	1.0000000	0.000000	0.000000	9.300000
## 68081	1.0000000	3.000000	0.000000	13.800000
## 68234	1.0000000	1.320000	0.000000	6.620000
## 68480	1.0000000	0.000000	0.000000	6.800000
## 68962	1.0000000	0.000000	0.000000	7.800000
## 69193	1.0000000	0.000000	0.000000	7.300000
## 69299	1.0000000	1.950000	0.000000	11.750000
## 69544	1.0000000	2.060000	0.000000	12.360000
## 69785	1.0000000	0.000000	0.000000	9.300000
## 69966	1.0000000	0.000000	0.000000	11.800000
## 70003	1.0000000	6.560000	0.000000	39.360000
## 70518	1.0000000	0.000000	0.000000	6.300000
## 70813	1.0000000	0.000000	0.000000	10.800000
## 71289	1.0000000	0.000000	0.000000	26.300000
## 71290	1.0000000	2.000000	0.000000	26.800000
## 71576	1.0000000	0.000000	0.000000	5.800000
## 71645	1.0000000	0.000000	0.000000	9.300000
## 71822	0.0000000	5.000000	0.000000	30.000000
## 72461	1.0000000	5.190000	0.000000	22.490000
## 73346	1.0000000	0.000000	0.000000	9.300000
## 73812	1.0000000	5.000000	0.000000	12.300000

## 73935	1.0000000	1.260000	0.000000	7.560000
## 74193	0.9500240	0.000000	0.000000	5.864732
## 74753	1.0000000	2.000000	0.000000	16.800000
## 75016	1.0000000	0.000000	0.000000	12.800000
## 75161	1.0000000	0.000000	0.000000	4.800000
## 75215	1.0000000	3.160000	0.000000	18.960000
## 75363	1.0000000	2.260000	0.000000	13.560000
## 75433	1.0000000	0.000000	0.000000	17.800000
## 75476	1.0000000	0.000000	0.000000	14.300000
## 75577	1.0000000	0.000000	0.000000	12.800000
## 75715	1.0000000	2.160000	0.000000	12.960000
## 75740	1.0000000	6.560000	0.000000	39.360000
## 75901	1.0000000	0.000000	0.000000	5.300000
## 76051	1.0000000	0.000000	0.000000	41.800000
## 76066	1.0000000	0.000000	0.000000	13.300000
## 76130	1.0000000	1.850000	0.000000	8.150000
## 76343	1.0000000	0.000000	0.000000	6.300000
## 76346	1.0000000	6.550000	0.000000	39.350000
## 76733	1.0000000	0.700000	0.000000	5.000000
## 76950	1.0000000	0.000000	0.000000	6.800000
## 77239	1.0000000	0.000000	0.000000	12.300000
## 77416	1.0000000	1.890000	0.000000	8.190000
## 77536	1.0000000	4.000000	0.000000	12.300000
## 77618	1.0000000	0.000000	0.000000	9.300000
## 78133	1.0000000	0.000000	0.000000	4.300000
## 78231	1.0000000	1.000000	0.000000	10.800000
## 78406	1.0000000	0.000000	0.000000	7.300000
## 78563	1.0000000	1.860000	0.000000	11.160000
## 78605	1.0000000	0.000000	0.000000	12.800000
## 78791	1.0000000	0.000000	0.000000	5.800000
## 79596	1.0000000	0.000000	0.000000	9.300000
## 80325	1.0000000	0.000000	0.000000	13.300000
## 80586	1.0000000	0.000000	0.000000	10.300000
## 80796	1.0000000	1.860000	0.000000	11.160000
## 81073	1.0000000	0.000000	0.000000	10.300000
## 81413	1.0000000	0.000000	0.000000	35.800000
## 81477	1.0000000	0.000000	0.000000	26.300000
## 81606	1.0000000	1.700000	0.000000	7.500000
## 81877	1.0000000	0.000000	0.000000	16.800000
## 82072	1.0000000	0.000000	0.000000	6.300000
## 82399	1.0000000	0.000000	0.000000	6.300000
## 82456	1.0000000	0.000000	0.000000	11.800000
## 82521	1.0000000	0.000000	0.000000	5.800000
## 82582	1.0000000	1.660000	0.000000	9.960000
## 82719	1.0000000	0.000000	0.000000	4.800000
## 83091	1.0000000	9.700000	0.000000	48.500000
## 83190	1.0000000	1.000000	0.000000	16.300000
## 83419	1.0000000	0.000000	0.000000	16.300000
## 83947	1.0000000	0.000000	0.000000	27.300000
## 83990	1.0000000	2.050000	0.000000	12.350000
## 83996	1.0000000	0.000000	0.000000	18.800000
## 84038	1.0000000	0.000000	0.000000	13.800000
## 84183	1.0000000	0.000000	0.000000	5.300000
## 84495	1.0000000	0.000000	0.000000	8.800000
## 84634	1.0000000	1.000000	0.000000	9.800000
## 85792	1.0000000	3.500000	0.000000	21.800000
## 86106	1.0000000	4.760000	0.000000	28.560000
## 86504	1.0000000	2.850000	0.000000	17.150000
## 86555	1.0000000	0.000000	0.000000	14.300000
## 86784	1.0000000	0.000000	0.000000	5.800000
## 87011	1.0000000	0.000000	0.000000	5.300000
## 87022	1.0000000	2.000000	0.000000	13.300000
## 87303	1.0000000	3.080000	0.000000	15.380000
## 87374	1.0000000	0.000000	0.000000	22.300000

## 87451	1.0000000	0.000000	0.000000	10.300000
## 88024	1.0000000	0.000000	0.000000	10.800000
## 88593	1.0000000	0.000000	0.000000	26.300000
## 88721	1.0000000	4.440000	0.000000	19.240000
## 88754	1.0000000	8.460000	5.540000	42.300000
## 89166	1.0000000	2.750000	0.000000	16.550000
## 89287	1.0000000	0.000000	0.000000	7.300000
## 89320	1.0000000	0.000000	0.000000	22.800000
## 89619	1.0000000	3.200000	0.000000	16.000000
## 89632	1.0000000	0.000000	0.000000	8.800000
## 89656	1.0000000	0.000000	0.000000	9.300000
## 89676	1.0000000	0.000000	0.000000	8.300000
## 89894	1.0000000	2.960000	0.000000	17.760000
## 90284	1.0000000	1.950000	0.000000	9.750000
## 90295	1.0000000	0.000000	0.000000	7.800000
## 90346	1.0000000	2.820000	0.000000	14.120000
## 91248	1.0000000	0.000000	0.000000	8.300000
## 91520	1.0000000	0.000000	0.000000	8.800000
## 91734	1.0000000	2.750000	0.000000	16.550000
## 91834	1.0000000	0.500000	0.000000	14.300000
## 92294	1.0000000	2.000000	0.000000	15.300000
## 92376	0.9616787	0.000000	0.000000	6.906794
## 92503	1.0000000	1.000000	0.000000	11.300000
## 93033	1.0000000	0.000000	0.000000	9.800000
## 93160	1.0000000	0.000000	0.000000	8.800000
## 93172	1.0000000	1.260000	0.000000	7.560000
## 94216	1.0000000	0.000000	0.000000	11.300000
## 94436	1.0000000	2.000000	0.000000	11.800000
## 94596	1.0000000	3.360000	0.000000	20.160000
## 94760	1.0000000	5.000000	0.000000	45.300000
## 94802	0.0000000	0.000000	5.540000	95.540000
## 94831	1.0000000	0.000000	0.000000	25.300000
## 94918	1.0000000	1.000000	0.000000	32.800000
## 95447	1.0000000	0.000000	0.000000	7.300000
## 95461	1.0000000	0.000000	0.000000	33.800000
## 95653	1.0000000	0.000000	0.000000	6.800000
## 95717	1.0000000	0.000000	0.000000	6.300000
## 95761	1.0000000	0.000000	0.000000	4.300000
## 96123	1.0000000	0.000000	0.000000	9.300000
## 96164	0.0000000	0.000000	0.000000	10.000000
## 96198	1.0000000	1.950000	0.000000	9.750000
## 96235	1.0000000	0.000000	0.000000	9.800000
## 96455	0.0000000	0.000000	0.000000	35.000000
## 97030	1.0000000	0.000000	0.000000	16.300000
## 97166	1.0000000	0.000000	0.000000	4.800000
## 97418	1.0000000	0.000000	0.000000	4.800000
## 97440	1.0000000	1.460000	0.000000	8.760000
## 97752	1.0000000	0.000000	0.000000	20.800000
## 97892	1.0000000	0.000000	0.000000	24.800000
## 98428	1.0000000	4.050000	0.000000	24.350000
## 98719	1.0000000	1.560000	0.000000	9.360000
## 99211	1.0000000	0.000000	0.000000	10.300000
## 99255	1.0000000	0.000000	0.000000	10.300000
## 99899	1.0000000	1.460000	0.000000	8.760000
## 100123	1.0000000	3.770000	5.540000	22.610000
## 100374	1.0000000	1.260000	0.000000	7.560000
## 100584	1.0000000	1.860000	0.000000	11.160000
## 100727	1.0000000	0.000000	0.000000	7.300000
## 100734	1.0000000	0.000000	0.000000	18.800000
## 100867	1.0000000	2.360000	0.000000	14.160000
## 101092	1.0000000	0.000000	0.000000	18.800000
## 101459	1.0000000	0.000000	0.000000	7.300000
## 101538	1.0000000	0.000000	0.000000	7.300000
## 102438	1.0000000	6.160000	0.000000	36.960000

## 102516	1.0000000	2.080000	0.000000	10.380000
## 102854	1.0000000	0.000000	0.000000	7.300000
## 102958	1.0000000	4.960000	0.000000	29.760000
## 103434	1.0000000	0.000000	0.000000	16.800000
## 103462	1.0000000	0.000000	0.000000	10.800000
## 103956	1.0000000	0.000000	0.000000	9.800000
## 104404	1.0000000	0.000000	0.000000	9.300000
## 105158	1.0000000	0.000000	0.000000	14.300000
## 105168	1.0000000	0.000000	0.000000	16.300000
## 105262	1.0000000	1.660000	0.000000	9.960000
## 105294	1.0000000	0.000000	0.000000	6.300000
## 105882	1.0000000	0.000000	0.000000	15.800000
## 105883	1.0000000	1.000000	0.000000	16.800000
## 105885	1.0000000	0.000000	0.000000	5.800000
## 106084	1.0000000	3.000000	0.000000	19.300000
## 106103	1.0000000	0.000000	0.000000	31.300000
## 106367	1.0000000	3.460000	0.000000	20.760000
## 107587	1.0000000	0.000000	0.000000	7.300000
## 107601	1.0000000	0.000000	0.000000	7.800000
## 108809	1.0000000	2.820000	0.000000	14.120000
## 109484	1.0000000	1.000000	0.000000	9.300000
## 109614	1.0000000	0.000000	0.000000	14.300000
## 109652	1.0000000	5.160000	0.000000	30.960000
## 109825	1.0000000	0.000000	0.000000	5.300000
## 110015	1.0000000	0.000000	0.000000	5.800000
## 110386	1.0000000	0.000000	0.000000	8.300000
## 110478	1.0000000	0.000000	0.000000	9.800000
## 110743	1.0000000	0.000000	0.000000	6.800000
## 110827	1.0000000	1.000000	0.000000	7.300000
## 111067	1.0000000	1.560000	0.000000	9.360000
## 111545	0.0000000	0.000000	0.000000	15.000000
## 111617	1.0000000	0.000000	0.000000	8.800000
## 111944	1.0000000	2.260000	0.000000	13.560000
## 112660	1.0000000	0.000000	0.000000	6.300000
## 112870	1.0000000	0.000000	0.000000	6.300000
## 113329	1.0000000	3.540000	0.000000	15.340000
## 113461	1.0000000	2.760000	0.000000	16.560000
## 113545	1.0000000	0.000000	0.000000	23.800000
## 113575	1.0000000	2.060000	0.000000	12.360000
## 113990	1.0000000	0.000000	0.000000	6.300000
## 114697	1.0000000	1.360000	0.000000	8.160000
## 114748	1.0000000	2.060000	0.000000	12.360000
## 115032	1.0000000	0.000000	0.000000	11.300000
## 115045	1.0000000	0.000000	0.000000	11.300000
## 115048	1.0000000	0.000000	0.000000	11.300000
## 115393	1.0000000	0.000000	0.000000	6.800000
## 116583	1.0000000	0.000000	0.000000	8.300000
## 116695	1.0000000	0.000000	0.000000	7.800000
## 116908	1.0000000	0.000000	0.000000	6.300000
## 118108	1.0000000	0.000000	0.000000	6.800000
## 118182	1.0000000	0.000000	0.000000	7.800000
## 118263	1.0000000	5.760000	0.000000	34.560000
## 118389	1.0000000	0.000000	0.000000	18.800000
## 118755	1.0000000	5.660000	0.000000	33.960000
## 119105	1.0000000	1.950000	0.000000	9.750000
## 119976	1.0000000	1.000000	0.000000	10.800000
## 120179	1.0000000	0.000000	0.000000	14.300000
## 120404	1.0000000	0.000000	0.000000	11.800000
## 120502	0.0000000	0.000000	5.540000	60.540000
## 120946	1.0000000	2.950000	0.000000	14.750000
## 121213	1.0000000	2.860000	0.000000	17.160000
## 121301	1.0000000	0.000000	0.000000	30.800000
## 121397	1.0000000	7.060000	0.000000	42.360000
## 121579	1.0000000	3.050000	0.000000	15.350000

## 121658	1.0000000	0.000000	0.000000	5.800000
## 121703	1.0000000	6.050000	0.000000	36.350000
## 122639	1.0000000	3.000000	0.000000	37.800000
## 122758	1.0000000	0.000000	0.000000	3.800000
## 123012	1.0000000	0.000000	0.000000	11.800000
## 123070	1.0000000	0.000000	0.000000	12.300000
## 123158	0.0000000	0.000000	0.000000	0.000000
## 123218	1.0000000	3.800000	0.000000	16.600000
## 123340	1.0000000	0.000000	0.000000	18.300000
## 123876	1.0000000	0.000000	0.000000	3.800000
## 123929	1.0000000	0.000000	0.000000	10.800000
## 123983	1.0000000	0.000000	0.000000	12.800000
## 124017	1.0000000	0.000000	0.000000	10.800000
## 124056	1.0000000	0.000000	0.000000	16.800000
## 124215	1.0000000	0.000000	0.000000	6.300000
## 124218	0.0000000	0.000000	0.000000	8.000000
## 124715	1.0000000	0.000000	0.000000	14.300000
## 124736	1.0000000	0.000000	0.000000	22.800000
## 124790	0.0000000	0.000000	0.000000	12.000000
## 125181	1.0000000	0.000000	0.000000	16.800000
## 125628	1.0000000	0.000000	0.000000	7.300000
## 125853	1.0000000	7.950000	0.000000	39.750000
## 125883	1.0000000	0.000000	0.000000	39.300000
## 126171	1.0000000	0.000000	0.000000	5.300000
## 126241	1.0000000	2.000000	0.000000	11.800000
## 126476	1.0000000	0.000000	0.000000	7.800000
## 126629	1.0000000	0.000000	0.000000	3.800000
## 126740	1.0000000	0.000000	0.000000	6.300000
## 126894	1.0000000	2.660000	5.540000	34.000000
## 126995	1.0000000	7.450000	0.000000	37.250000
## 127112	1.0000000	0.000000	0.000000	6.300000
## 127482	1.0000000	0.000000	0.000000	10.300000
## 127797	1.0000000	4.260000	0.000000	25.560000
## 128259	1.0000000	4.460000	0.000000	26.760000
## 129110	1.0000000	2.560000	0.000000	15.360000
## 129728	1.0000000	0.000000	0.000000	6.300000
## 130058	1.0000000	0.000000	0.000000	5.300000
## 130441	1.0000000	5.450000	0.000000	27.250000
## 131243	1.0000000	4.360000	0.000000	26.160000
## 131356	1.0000000	1.260000	0.000000	7.560000
## 131695	1.0000000	0.000000	0.000000	14.800000
## 131820	1.0000000	0.000000	0.000000	6.300000
## 132459	1.0000000	1.700000	0.000000	12.000000
## 132860	1.0000000	0.000000	0.000000	8.800000
## 133447	1.0000000	0.000000	0.000000	8.300000
## 133971	1.0000000	0.000000	0.000000	8.300000
## 134151	1.0000000	0.000000	0.000000	6.300000
## 134657	1.0000000	5.640000	0.000000	24.440000
## 134990	1.0000000	5.260000	0.000000	31.560000
## 135578	1.0000000	0.000000	0.000000	7.300000
## 135651	1.0000000	3.450000	0.000000	17.250000
## 135661	1.0000000	0.000000	0.000000	9.300000
## 136170	1.0000000	1.000000	0.000000	8.800000
## 136331	1.0000000	1.000000	0.000000	7.300000
## 136344	1.0000000	0.000000	0.000000	6.300000
## 136412	1.0000000	2.950000	0.000000	14.750000
## 136647	1.0000000	2.160000	0.000000	12.960000
## 137027	1.0000000	0.000000	0.000000	5.800000
## 137132	1.0000000	0.000000	0.000000	3.300000
## 137387	1.0000000	0.000000	0.000000	14.800000
## 137651	1.0000000	1.260000	0.000000	7.560000
## 137697	1.0000000	0.000000	0.000000	22.800000
## 137886	1.0000000	2.000000	0.000000	11.800000
## 138445	1.0000000	0.000000	0.000000	14.300000

## 139105	1.0000000	0.000000	0.000000	4.800000
## 140161	1.0000000	1.360000	0.000000	8.160000
## 140200	1.0000000	1.260000	0.000000	7.560000
## 140318	1.0000000	2.500000	0.000000	24.800000
## 140687	1.0000000	0.000000	0.000000	14.800000
## 142044	1.0000000	0.000000	0.000000	12.300000
## 142232	1.0000000	1.500000	0.000000	9.300000
## 142383	1.0000000	0.000000	0.000000	20.800000
## 142475	0.0000000	0.000000	0.000000	1.000000
## 142652	1.0000000	0.000000	0.000000	6.800000
## 142915	1.0000000	0.000000	0.000000	13.300000
## 143512	1.0000000	0.000000	0.000000	7.800000
## 143811	1.0000000	0.000000	0.000000	8.800000
## 143854	1.0000000	3.260000	0.000000	19.560000
## 144263	1.0000000	0.000000	0.000000	12.800000
## 144642	1.0000000	0.990000	0.000000	4.290000
## 144683	1.0000000	2.320000	0.000000	11.620000
## 145091	1.0000000	0.000000	0.000000	14.300000
## 145205	1.0000000	2.000000	0.000000	17.800000
## 145264	1.0000000	24.819385	0.000000	49.800000
## 145918	1.0000000	6.050000	0.000000	36.350000
## 146152	1.0000000	0.000000	0.000000	5.300000
## 146359	1.0000000	1.500000	0.000000	11.800000
## 146944	1.0000000	2.660000	0.000000	15.960000
## 147274	1.0000000	0.000000	0.000000	10.300000
## 147830	1.0000000	0.000000	0.000000	8.800000
## 147978	1.0000000	4.660000	0.000000	27.960000
## 148014	1.0000000	0.000000	0.000000	12.300000
## 148109	1.0000000	0.000000	0.000000	7.300000
## 148440	1.0000000	0.000000	0.000000	33.300000
## 148518	0.0000000	1.800000	0.000000	10.800000
## 148638	1.0000000	0.000000	0.000000	6.300000
## 148767	1.0000000	1.000000	0.000000	11.300000
## 148984	1.0000000	1.200000	0.000000	6.000000
## 149108	1.0000000	0.000000	0.000000	11.300000
## 149446	1.0000000	0.000000	0.000000	5.800000
## 149636	1.0000000	0.000000	0.000000	14.300000
## 150385	1.0000000	0.000000	0.000000	6.300000
## 150973	1.0000000	0.860000	0.000000	5.160000
## 151590	1.0000000	2.790000	0.000000	12.090000
## 151923	1.0000000	0.000000	0.000000	5.800000
## 152423	1.0000000	2.000000	0.000000	20.800000
## 152546	1.0000000	0.000000	0.000000	20.800000
## 152558	1.0000000	1.700000	0.000000	10.000000
## 152917	1.0000000	0.000000	0.000000	12.800000
## 152964	1.0000000	0.000000	0.000000	6.800000
## 153363	1.0000000	0.000000	0.000000	7.800000
## 153505	1.0000000	0.000000	0.000000	10.800000
## 153859	1.0000000	3.160000	0.000000	18.960000
## 153959	1.0000000	1.100000	0.000000	4.900000
## 154855	1.0000000	0.000000	0.000000	13.300000
## 155267	1.0000000	0.000000	0.000000	7.300000
## 155373	1.0000000	2.800000	0.000000	14.100000
## 155510	1.0000000	0.000000	0.000000	11.800000
## 155579	1.0000000	0.000000	0.000000	7.800000
## 155597	1.0000000	0.000000	0.000000	24.800000
## 155984	1.0000000	1.460000	0.000000	8.760000
## 156085	1.0000000	1.460000	0.000000	8.760000
## 156348	1.0000000	0.000000	0.000000	9.300000
## 156621	1.0000000	34.286432	0.000000	69.800000
## 156658	1.0000000	1.460000	0.000000	8.760000
## 156764	1.0000000	0.000000	0.000000	8.300000
## 156836	1.0000000	0.000000	0.000000	7.800000
## 156967	1.0000000	0.000000	0.000000	13.800000

## 157148	1.0000000	0.000000	0.000000	7.300000
## 158021	1.0000000	0.000000	0.000000	52.800000
## 158174	1.0000000	0.000000	0.000000	7.800000
## 158249	1.0000000	0.000000	0.000000	15.800000
## 158575	1.0000000	0.000000	0.000000	5.300000
## 158756	1.0000000	0.000000	0.000000	21.300000
## 158946	1.0000000	0.000000	0.000000	9.800000
## 159171	1.0000000	0.000000	0.000000	26.800000
## 160511	1.0000000	0.000000	0.000000	5.300000
## 160531	1.0000000	1.160000	0.000000	6.960000
## 160843	0.0000000	0.000000	0.000000	20.000000
## 160928	1.0000000	4.760000	0.000000	28.560000
## 161339	1.0000000	1.000000	0.000000	13.800000
## 161663	1.0000000	0.000000	0.000000	4.300000
## 162383	1.0000000	4.960000	0.000000	29.760000
## 162732	1.0000000	0.000000	0.000000	11.800000
## 162745	1.0000000	0.000000	0.000000	5.300000
## 162779	1.0000000	1.760000	0.000000	10.560000
## 163046	1.0000000	0.000000	0.000000	15.300000
## 163155	1.0000000	0.000000	0.000000	11.300000
## 163156	1.0000000	0.000000	0.000000	15.300000
## 163330	1.0000000	5.270000	5.540000	31.610000
## 163543	1.0000000	4.750000	0.000000	28.550000
## 163544	1.0000000	2.000000	0.000000	22.800000
## 163842	1.0000000	0.000000	0.000000	9.300000
## 164072	1.0000000	0.000000	0.000000	8.300000
## 164231	0.0000000	0.000000	0.000000	10.000000
## 164322	1.0000000	1.590000	0.000000	6.890000
## 164394	1.0000000	2.000000	0.000000	13.800000
## 164483	1.0000000	1.360000	0.000000	8.160000
## 164620	1.0000000	5.580000	0.000000	27.880000
## 164656	1.0000000	0.000000	0.000000	8.300000
## 164741	1.0000000	0.000000	0.000000	5.300000
## 164838	1.0000000	0.000000	0.000000	9.300000
## 165005	1.0000000	2.660000	0.000000	15.960000
## 165031	1.0000000	0.000000	0.000000	4.300000
## 165035	1.0000000	2.450000	0.000000	12.250000
## 165555	1.0000000	4.460000	5.540000	22.300000
## 166570	1.0000000	0.850000	0.000000	5.150000
## 167236	1.0000000	3.460000	0.000000	20.760000
## 167445	1.0000000	6.870000	5.540000	41.210000
## 167877	1.0000000	0.000000	0.000000	8.300000
## 168461	1.0000000	0.000000	0.000000	8.300000
## 169308	1.0000000	0.000000	0.000000	16.800000
## 169695	1.0000000	11.060000	0.000000	66.360000
## 169721	1.0000000	8.790000	0.000000	38.090000
## 169764	1.0000000	0.000000	0.000000	15.800000
## 169817	1.0000000	0.000000	0.000000	11.300000
## 169876	1.0000000	4.250000	5.540000	25.590000
## 169965	1.0000000	0.000000	0.000000	4.800000
## 170832	1.0000000	0.860000	0.000000	5.160000
## 170954	1.0000000	5.360000	0.000000	32.160000
## 171140	1.0000000	0.000000	0.000000	8.800000
## 171214	1.0000000	0.000000	0.000000	6.800000
## 171295	1.0000000	0.000000	0.000000	11.300000
## 171543	1.0000000	0.000000	0.000000	5.800000
## 171652	1.0000000	4.700000	0.000000	8.000000
## 171745	1.0000000	0.000000	0.000000	27.300000
## 171752	1.0000000	1.850000	0.000000	8.150000
## 172039	1.0000000	0.000000	0.000000	8.800000
## 172055	0.0000000	0.000000	0.000000	13.000000
## 172229	1.0000000	0.000000	0.000000	6.800000
## 172791	1.0000000	0.000000	0.000000	8.800000
## 173098	1.0000000	14.580000	5.540000	72.920000

## 173353	1.0000000	0.000000	0.000000	18.300000
## 173693	1.0000000	0.000000	0.000000	9.800000
## 174789	1.0000000	0.000000	0.000000	8.800000
## 174865	1.0000000	1.960000	0.000000	11.760000
## 175026	1.0000000	0.000000	0.000000	14.800000
## 176434	1.0000000	2.000000	0.000000	19.300000
## 176683	1.0000000	1.560000	0.000000	9.360000
## 176853	1.0000000	0.000000	0.000000	18.300000
## 176889	1.0000000	0.000000	0.000000	11.300000
## 177213	1.0000000	0.000000	0.000000	14.300000
## 177245	1.0000000	0.000000	0.000000	40.300000
## 177775	1.0000000	0.000000	0.000000	8.800000
## 178122	1.0000000	0.000000	0.000000	7.800000
## 178215	1.0000000	0.000000	0.000000	6.800000
## 178334	1.0000000	0.000000	0.000000	6.300000
## 178870	1.0000000	2.460000	0.000000	14.760000
## 179025	1.0000000	2.460000	0.000000	14.760000
## 179161	1.0000000	0.000000	0.000000	13.300000
## 179761	1.0000000	0.000000	5.540000	27.340000
## 180000	1.0000000	0.000000	0.000000	9.300000
## 180451	1.0000000	0.000000	0.000000	6.300000
## 180936	1.0000000	0.000000	0.000000	14.300000
## 181819	0.0000000	0.000000	0.000000	35.000000
## 182902	1.0000000	0.000000	0.000000	30.300000
## 183771	1.0000000	2.060000	0.000000	12.360000
## 184247	1.0000000	1.820000	0.000000	9.120000
## 184632	1.0000000	0.000000	0.000000	19.800000
## 184645	1.0000000	0.000000	0.000000	5.800000
## 185533	1.0000000	0.000000	0.000000	8.800000
## 186162	1.0000000	0.000000	0.000000	14.800000
## 186191	1.0000000	2.660000	0.000000	15.960000
## 186440	1.0000000	4.400000	0.000000	19.200000
## 186473	1.0000000	1.550000	0.000000	9.350000
## 186996	1.0000000	0.000000	0.000000	5.800000
## 187229	1.0000000	0.000000	0.000000	8.300000
## 187465	1.0000000	0.000000	0.000000	6.800000
## 187648	1.0000000	0.000000	0.000000	8.800000
## 188193	1.0000000	0.000000	0.000000	10.300000
## 188280	1.0000000	0.000000	0.000000	8.300000
## 188370	1.0000000	2.260000	0.000000	13.560000
## 188544	1.0000000	0.000000	0.000000	27.800000
## 188547	1.0000000	0.000000	0.000000	6.800000
## 188628	1.0000000	0.000000	0.000000	13.300000
## 188643	1.0000000	0.000000	0.000000	5.800000
## 188845	1.0000000	1.560000	0.000000	9.360000
## 188870	1.0000000	0.000000	0.000000	29.300000
## 190983	1.0000000	0.000000	0.000000	20.800000
## 191044	1.0000000	1.760000	0.000000	10.560000
## 191078	1.0000000	0.000000	0.000000	8.800000
## 191245	1.0000000	0.000000	0.000000	6.300000
## 191275	1.0000000	1.860000	0.000000	11.160000
## 191882	1.0000000	2.960000	0.000000	17.760000
## 191928	1.0000000	2.500000	0.000000	32.300000
## 192024	1.0000000	1.890000	0.000000	8.190000
## 192032	1.0000000	0.000000	0.000000	11.800000
## 192052	1.0000000	3.580000	0.000000	17.880000
## 192053	1.0000000	0.000000	0.000000	7.300000
## 192525	1.0000000	0.000000	0.000000	13.300000
## 192746	1.0000000	1.150000	0.000000	6.950000
## 193729	1.0000000	0.000000	0.000000	6.300000
## 193919	1.0000000	3.360000	0.000000	20.160000
## 194373	1.0000000	0.000000	0.000000	6.300000
## 194439	1.0000000	0.000000	0.000000	13.300000
## 194459	1.0000000	0.000000	0.000000	5.300000

## 194947	1.0000000	0.000000	0.000000	12.300000
## 195324	1.0000000	1.150000	0.000000	6.950000
## 196409	1.0000000	0.000000	0.000000	15.300000
## 196514	1.0000000	0.000000	0.000000	21.300000
## 197039	1.0000000	0.000000	0.000000	9.800000
## 197530	1.0000000	2.200000	0.000000	18.000000
## 197842	1.0000000	0.000000	0.000000	5.300000
## 198028	1.0000000	3.200000	0.000000	16.000000
## 198424	1.0000000	3.700000	0.000000	18.500000
## 198575	1.0000000	0.000000	0.000000	21.800000
## 198707	1.0000000	2.360000	0.000000	14.160000
## 199587	1.0000000	1.360000	0.000000	8.160000
## 199818	1.0000000	0.000000	0.000000	11.800000
## 200016	1.0000000	1.950000	0.000000	9.750000
## 200145	1.0000000	0.000000	0.000000	12.300000
## 200516	1.0000000	1.000000	0.000000	11.800000
## 200872	1.0000000	0.000000	0.000000	18.800000
## 200939	0.0000000	0.000000	0.000000	0.000000
## 201138	1.0000000	0.000000	0.000000	7.300000
## 201595	1.0000000	1.360000	0.000000	8.160000
## 202067	1.0000000	6.200000	0.000000	31.000000
## 202455	1.0000000	0.000000	0.000000	17.300000
## 202587	1.0000000	1.620000	0.000000	21.920000
## 202980	1.0000000	0.000000	0.000000	7.300000
## 203491	1.0000000	2.060000	0.000000	12.360000
## 203924	1.0000000	0.000000	0.000000	9.300000
## 204162	1.0000000	0.000000	0.000000	6.300000
## 205267	1.0000000	1.000000	0.000000	7.300000
## 205313	1.0000000	0.000000	0.000000	6.300000
## 205581	1.0000000	0.000000	0.000000	8.800000
## 205636	1.0000000	1.000000	0.000000	11.300000
## 206465	1.0000000	0.000000	0.000000	3.800000
## 206775	1.0000000	0.000000	0.000000	5.800000
## 206925	1.0000000	0.000000	0.000000	9.300000
## 207058	1.0000000	0.000000	0.000000	10.300000
## 207645	1.0000000	5.150000	0.000000	30.950000
## 207951	1.0000000	6.300000	5.540000	31.640000
## 208241	1.0000000	0.000000	0.000000	3.300000
## 208283	1.0000000	2.000000	0.000000	14.300000
## 208623	1.0000000	0.000000	0.000000	5.800000
## 209059	1.0000000	1.000000	0.000000	5.800000
## 210831	1.0000000	0.000000	0.000000	5.800000
## 211124	1.0000000	0.000000	0.000000	8.800000
## 211193	1.0000000	0.000000	0.000000	33.800000
## 211448	1.0000000	0.000000	0.000000	9.800000
## 211614	1.0000000	1.700000	0.000000	8.500000
## 211664	1.0000000	0.000000	0.000000	7.300000
## 212509	1.0000000	0.000000	0.000000	9.800000
## 212520	1.0000000	0.000000	0.000000	9.800000
## 212758	1.0000000	1.100000	0.000000	8.400000
## 212780	1.0000000	0.000000	0.000000	17.300000
## 213446	1.0000000	2.000000	0.000000	16.300000
## 213993	1.0000000	0.750000	0.000000	7.050000
## 214167	1.0000000	0.000000	0.000000	7.800000
## 215955	1.0000000	0.000000	0.000000	7.300000
## 216032	1.0000000	0.000000	0.000000	6.300000
## 216075	1.0000000	0.000000	0.000000	7.300000
## 216135	1.0000000	0.000000	0.000000	11.800000
## 216137	1.0000000	5.000000	0.000000	18.300000
## 216287	1.0000000	0.000000	0.000000	8.300000
## 216352	1.0000000	0.000000	0.000000	9.300000
## 216360	1.0000000	2.160000	0.000000	12.960000
## 216440	1.0000000	0.000000	0.000000	4.800000
## 216576	1.0000000	1.960000	0.000000	11.760000

## 216602	1.0000000	1.560000	0.000000	9.360000
## 217293	1.0000000	0.000000	0.000000	8.800000
## 217833	1.0000000	0.000000	0.000000	4.300000
## 217849	1.0000000	0.000000	0.000000	3.300000
## 218285	1.0000000	0.000000	0.000000	5.800000
## 218629	1.0000000	0.000000	0.000000	7.300000
## 218945	1.0000000	3.450000	0.000000	17.250000
## 218956	1.0000000	1.760000	0.000000	10.560000
## 219226	1.0000000	0.000000	0.000000	4.800000
## 219331	1.0000000	2.850000	0.000000	17.150000
## 219793	1.0000000	1.890000	0.000000	8.190000
## 220229	1.0000000	0.000000	0.000000	24.300000
## 220281	1.0000000	0.000000	0.000000	7.800000
## 220410	1.0000000	2.640000	0.000000	11.440000
## 220494	1.0000000	0.000000	0.000000	22.300000
## 220717	1.0000000	0.000000	0.000000	6.300000
## 220807	1.0000000	0.000000	0.000000	7.800000
## 221408	0.0000000	0.000000	0.000000	8.000000
## 221637	1.0000000	0.000000	0.000000	5.800000
## 222532	1.0000000	0.000000	0.000000	8.800000
## 222611	1.0000000	0.010000	0.000000	6.810000
## 223824	1.0000000	3.860000	0.000000	23.160000
## 223847	1.0000000	2.220000	0.000000	26.520000
## 223994	1.0000000	3.800000	0.000000	16.600000
## 224217	1.0000000	0.000000	0.000000	9.800000
## 224222	1.0000000	0.000000	0.000000	18.800000
## 224366	1.0000000	0.000000	0.000000	10.300000
## 225410	1.0000000	2.060000	0.000000	12.360000
## 227312	1.0000000	4.100000	0.000000	17.900000
## 227687	1.0000000	0.000000	0.000000	8.800000
## 227762	1.0000000	0.000000	0.000000	10.300000
## 228111	1.0000000	1.500000	0.000000	11.300000
## 228118	1.0000000	0.000000	0.000000	16.300000
## 228137	1.0000000	0.000000	0.000000	52.800000
## 228618	1.0000000	0.000000	0.000000	6.800000
## 228757	1.0000000	0.000000	0.000000	9.800000
## 228769	1.0000000	0.000000	0.000000	11.800000
## 229185	1.0000000	0.000000	0.000000	6.300000
## 229869	1.0000000	0.000000	0.000000	15.300000
## 229993	1.0000000	2.000000	0.000000	10.800000
## 230231	1.0000000	0.000000	0.000000	7.800000
## 230248	1.0000000	1.450000	0.000000	8.750000
## 230647	1.0000000	4.750000	0.000000	28.550000
## 230950	1.0000000	0.000000	0.000000	11.800000
## 231206	1.0000000	0.000000	0.000000	11.800000
## 231529	1.0000000	0.000000	0.000000	5.300000
## 231565	1.0000000	0.000000	0.000000	15.800000
## 232080	1.0000000	0.000000	0.000000	11.300000
## 232135	1.0000000	0.000000	0.000000	11.800000
## 233051	1.0000000	0.000000	0.000000	60.800000
## 233264	1.0000000	5.450000	0.000000	23.750000
## 233302	1.0000000	0.000000	0.000000	9.300000
## 233450	1.0000000	0.000000	0.000000	10.300000
## 233720	1.0000000	0.000000	0.000000	8.300000
## 233886	1.0000000	0.000000	0.000000	10.300000
## 233888	1.0000000	1.860000	0.000000	11.160000
## 234425	0.0000000	0.000000	0.000000	7.000000
## 234516	1.0000000	2.860000	0.000000	17.160000
## 234690	1.0000000	1.760000	0.000000	10.560000
## 234802	1.0000000	1.000000	0.000000	10.300000
## 234808	1.0000000	0.000000	0.000000	10.300000
## 235655	1.0000000	9.560000	0.000000	57.360000
## 235893	1.0000000	2.350000	0.000000	14.150000
## 236739	1.0000000	0.000000	0.000000	9.800000

## 236870	1.0000000	0.000000	0.000000	6.800000
## 236885	1.0000000	0.000000	0.000000	9.800000
## 236886	1.0000000	4.160000	0.000000	24.960000
## 236914	1.0000000	0.000000	0.000000	9.300000
## 237197	1.0000000	0.000000	0.000000	52.800000
## 237371	1.0000000	0.000000	0.000000	17.300000
## 237528	1.0000000	1.360000	0.000000	8.160000
## 237793	1.0000000	1.860000	0.000000	11.160000
## 237800	1.0000000	0.000000	0.000000	10.800000
## 238393	1.0000000	1.000000	0.000000	7.300000
## 238538	1.0000000	0.000000	0.000000	9.800000
## 238729	1.0000000	0.000000	0.000000	6.800000
## 239471	1.0000000	0.000000	0.000000	7.300000
## 240008	1.0000000	5.160000	0.000000	30.960000
## 240722	1.0000000	0.000000	0.000000	8.800000
## 240801	1.0000000	1.200000	0.000000	34.000000
## 240846	1.0000000	0.000000	0.000000	28.300000
## 240934	1.0000000	0.000000	0.000000	9.800000
## 241122	1.0000000	0.000000	0.000000	14.300000
## 241222	1.0000000	6.360000	0.000000	38.160000
## 241336	1.0000000	0.000000	0.000000	40.800000
## 241689	1.0000000	1.150000	0.000000	6.950000
## 241691	1.0000000	0.000000	0.000000	17.300000
## 241704	1.0000000	0.000000	0.000000	5.800000
## 241891	1.0000000	0.000000	0.000000	18.300000
## 242071	1.0000000	0.000000	0.000000	19.300000
## 242254	1.0000000	0.000000	0.000000	24.800000
## 242353	1.0000000	1.460000	0.000000	8.760000
## 242506	1.0000000	0.000000	0.000000	20.300000
## 242635	1.0000000	0.000000	0.000000	43.800000
## 243025	1.0000000	2.950000	0.000000	14.750000
## 243098	1.0000000	0.000000	0.000000	9.800000
## 243833	0.0000000	0.000000	0.000000	25.000000
## 244178	1.0000000	2.260000	0.000000	13.560000
## 244338	1.0000000	0.000000	0.000000	25.300000
## 244655	1.0000000	0.000000	0.000000	7.300000
## 245394	1.0000000	1.000000	0.000000	14.800000
## 245531	1.0000000	1.250000	0.000000	7.550000
## 245532	1.0000000	8.450000	0.000000	50.750000
## 245879	1.0000000	0.000000	0.000000	18.300000
## 246163	1.0000000	1.260000	0.000000	7.560000
## 246284	1.0000000	0.000000	0.000000	6.800000
## 246295	1.0000000	0.000000	0.000000	12.800000
## 247054	1.0000000	4.450000	0.000000	26.750000
## 247079	1.0000000	2.450000	0.000000	14.750000
## 247243	1.0000000	0.000000	0.000000	29.800000
## 247846	1.0000000	0.000000	0.000000	6.800000
## 247863	1.0000000	1.500000	0.000000	16.300000
## 247981	1.0000000	2.500000	0.000000	20.800000
## 248020	1.0000000	1.960000	0.000000	11.760000
## 248123	1.0000000	0.000000	0.000000	20.800000
## 248489	1.0000000	2.260000	0.000000	13.560000
## 248535	1.0000000	3.580000	0.000000	17.880000
## 249074	0.0000000	0.000000	0.000000	25.000000
## 249302	1.0000000	0.000000	0.000000	8.300000
## 249563	0.0000000	0.000000	0.000000	12.000000
## 249773	1.0000000	3.600000	0.000000	27.900000
## 250890	1.0000000	1.950000	0.000000	9.750000
## 251020	1.0000000	1.560000	0.000000	9.360000
## 251703	1.0000000	0.000000	0.000000	4.300000
## 251753	1.0000000	1.000000	0.000000	7.800000
## 252738	1.0000000	0.000000	0.000000	11.800000
## 252902	1.0000000	0.000000	0.000000	15.800000
## 253059	1.0000000	1.460000	0.000000	8.760000

## 253193	1.0000000	0.000000	0.000000	5.300000
## 253684	1.0000000	0.000000	0.000000	8.800000
## 254438	1.0000000	4.560000	0.000000	27.360000
## 254641	1.0000000	1.290000	0.000000	5.590000
## 254753	1.0000000	0.000000	0.000000	19.800000
## 255056	1.0000000	6.820000	0.000000	34.120000
## 255440	1.0000000	0.000000	0.000000	6.300000
## 255502	1.0000000	2.050000	0.000000	10.350000
## 255707	1.0000000	0.000000	0.000000	7.300000
## 256470	1.0000000	2.060000	0.000000	12.360000
## 256696	1.0000000	5.340000	0.000000	23.140000
## 256763	1.0000000	2.060000	0.000000	12.360000
## 256807	1.0000000	2.800000	0.000000	23.600000
## 256901	0.0000000	0.000000	0.000000	7.000000
## 256973	1.0000000	0.000000	0.000000	21.300000
## 257855	1.0000000	0.000000	0.000000	6.800000
## 258058	0.0000000	0.000000	0.000000	20.000000
## 258076	1.0000000	0.000000	0.000000	7.800000
## 258175	1.0000000	0.000000	0.000000	4.800000
## 258639	1.0000000	0.000000	0.000000	8.300000
## 258787	1.0000000	0.000000	0.000000	26.800000
## 259603	1.0000000	0.000000	0.000000	8.800000
## 259805	1.0000000	0.000000	0.000000	10.800000
## 259807	1.0000000	0.000000	0.000000	7.300000
## 260437	1.0000000	0.000000	0.000000	3.300000
## 260917	1.0000000	0.000000	0.000000	13.800000
## 261287	1.0000000	0.000000	0.000000	6.800000
## 261556	1.0000000	1.960000	0.000000	11.760000
## 262351	1.0000000	2.760000	0.000000	16.560000
## 262565	1.0000000	0.000000	0.000000	19.800000
## 262621	1.0000000	0.000000	0.000000	15.800000
## 263677	1.0000000	3.460000	0.000000	20.760000
## 264212	1.0000000	0.000000	5.540000	31.840000
## 264538	1.0000000	0.000000	0.000000	23.300000
## 264541	1.0000000	3.000000	0.000000	29.300000
## 264576	1.0000000	2.040000	0.000000	8.840000
## 264774	1.0000000	0.000000	0.000000	17.300000
## 265626	1.0000000	0.000000	0.000000	16.800000
## 265900	1.0000000	1.260000	0.000000	7.560000
## 266071	1.0000000	0.000000	0.000000	5.800000
## 267324	1.0000000	0.000000	0.000000	10.800000
## 267475	1.0000000	1.060000	0.000000	6.360000
## 267603	1.0000000	0.000000	0.000000	8.800000
## 268307	1.0000000	2.000000	0.000000	18.800000
## 268409	1.0000000	3.050000	0.000000	18.350000
## 268634	1.0000000	0.000000	0.000000	7.300000
## 268656	1.0000000	0.000000	0.000000	5.300000
## 268788	1.0000000	0.000000	0.000000	9.300000
## 268876	0.9679142	0.000000	0.000000	6.240987
## 269115	1.0000000	6.340000	5.540000	31.680000
## 269203	1.0000000	1.000000	0.000000	8.300000
## 270287	1.0000000	0.000000	0.000000	9.800000
## 270841	1.0000000	2.360000	0.000000	14.160000
## 271249	1.0000000	0.000000	0.000000	6.800000
## 271323	1.0000000	0.000000	0.000000	7.300000
## 271839	1.0000000	2.080000	0.000000	10.380000
## 272003	1.0000000	0.000000	0.000000	11.800000
## 272111	1.0000000	2.950000	0.000000	14.750000
## 272200	1.0000000	0.000000	0.000000	13.300000
## 272467	1.0000000	0.000000	0.000000	19.800000
## 272520	1.0000000	2.160000	0.000000	12.960000
## 272556	1.0000000	0.000000	0.000000	9.300000
## 272939	1.0000000	1.960000	0.000000	11.760000
## 273100	1.0000000	1.860000	0.000000	11.160000

## 273174	1.0000000	3.660000	0.000000	21.960000
## 273305	1.0000000	1.760000	0.000000	10.560000
## 274067	1.0000000	0.000000	5.540000	46.340000
## 274215	1.0000000	0.500000	0.000000	6.300000
## 274523	1.0000000	2.050000	0.000000	12.350000
## 274696	1.0000000	0.000000	0.000000	16.800000
## 274867	1.0000000	11.440000	0.000000	15.240000
## 275361	1.0000000	3.860000	0.000000	23.160000
## 275871	1.0000000	3.460000	0.000000	20.760000
## 276454	1.0000000	0.000000	0.000000	21.800000
## 276859	1.0000000	0.000000	0.000000	12.800000
## 276932	1.0000000	3.000000	0.000000	49.300000
## 277017	1.0000000	0.000000	0.000000	6.800000
## 277235	1.0000000	0.000000	0.000000	19.300000
## 277571	1.0000000	0.000000	0.000000	8.800000
## 278028	1.0000000	2.700000	0.000000	13.500000
## 278170	1.0000000	0.000000	0.000000	11.300000
## 278420	1.0000000	1.060000	0.000000	6.360000
## 278988	1.0000000	0.000000	0.000000	10.300000
## 279107	1.0000000	0.000000	0.000000	16.300000
## 279238	1.0000000	0.000000	0.000000	10.800000
## 280073	1.0000000	0.000000	0.000000	5.800000
## 280349	1.0000000	3.560000	0.000000	21.360000
## 280626	1.0000000	1.000000	0.000000	7.300000
## 280875	1.0000000	1.060000	0.000000	6.360000
## 281290	1.0000000	5.940000	0.000000	25.740000
## 281409	1.0000000	0.000000	0.000000	30.800000
## 281454	1.0000000	1.000000	0.000000	9.800000
## 281460	1.0000000	0.000000	5.540000	25.840000
## 281513	1.0000000	0.000000	0.000000	14.800000
## 281516	1.0000000	0.000000	0.000000	12.300000
## 282027	1.0000000	0.000000	0.000000	5.800000
## 282121	1.0000000	1.480000	0.000000	16.280000
## 282369	1.0000000	0.000000	0.000000	5.800000
## 282710	1.0000000	0.000000	0.000000	10.800000
## 282751	1.0000000	0.000000	0.000000	21.800000
## 283043	1.0000000	0.000000	0.000000	17.300000
## 283319	1.0000000	0.000000	0.000000	29.300000
## 283555	1.0000000	1.700000	0.000000	13.000000
## 283678	1.0000000	0.000000	0.000000	6.800000
## 283840	1.0000000	0.000000	0.000000	6.800000
## 283930	1.0000000	3.090000	0.000000	13.390000
## 284042	1.0000000	1.860000	0.000000	11.160000
## 284109	1.0000000	1.000000	0.000000	12.800000
## 284486	1.0000000	0.000000	0.000000	6.300000
## 284667	1.0000000	0.000000	0.000000	15.300000
## 284676	1.0000000	1.890000	0.000000	8.190000
## 284891	1.0000000	0.000000	0.000000	21.800000
## 285064	1.0000000	0.000000	0.000000	6.300000
## 285751	1.0000000	0.000000	0.000000	19.300000
## 286085	1.0000000	0.000000	0.000000	13.300000
## 286953	0.0000000	0.000000	0.000000	13.000000
## 287140	1.0000000	0.000000	0.000000	5.800000
## 287481	1.0000000	8.000000	5.540000	66.340000
## 287611	1.0000000	1.000000	0.000000	14.300000
## 287689	1.0000000	0.000000	0.000000	19.800000
## 287743	1.0000000	0.000000	0.000000	5.300000
## 288009	1.0000000	4.260000	0.000000	25.560000
## 288398	0.0000000	0.000000	0.000000	7.000000
## 288544	1.0000000	0.000000	0.000000	5.300000
## 288857	1.0000000	0.000000	0.000000	8.800000
## 289486	1.0000000	0.000000	0.000000	13.800000
## 289745	1.0000000	2.700000	0.000000	13.500000
## 289815	1.0000000	0.000000	0.000000	15.300000

## 290195	1.0000000	0.000000	0.000000	12.800000
## 290285	1.0000000	2.000000	0.000000	11.300000
## 290335	1.0000000	10.000000	0.000000	20.800000
## 290971	1.0000000	0.000000	0.000000	28.300000
## 291497	1.0000000	0.000000	0.000000	28.300000
## 291554	1.0000000	0.000000	0.000000	12.800000
## 293326	1.0000000	0.000000	0.000000	4.300000
## 293457	1.0000000	0.000000	0.000000	8.800000
## 293632	1.0000000	1.450000	0.000000	7.250000
## 293671	1.0000000	1.360000	0.000000	8.160000
## 293752	1.0000000	0.000000	0.000000	10.800000
## 293904	1.0000000	0.000000	0.000000	8.800000
## 294026	1.0000000	10.000000	0.000000	80.800000
## 294128	1.0000000	3.350000	0.000000	20.150000
## 294545	1.0000000	0.000000	0.000000	6.300000
## 294595	1.0000000	0.000000	0.000000	5.800000
## 294694	1.0000000	0.000000	0.000000	9.300000
## 294701	1.0000000	2.490000	0.000000	10.790000
## 294733	1.0000000	5.340000	0.000000	23.140000
## 294891	1.0000000	1.660000	0.000000	9.960000
## 295794	1.0000000	0.000000	0.000000	6.300000
## 296878	1.0000000	0.000000	0.000000	6.300000
## 297188	1.0000000	0.000000	0.000000	16.300000
## 297464	1.0000000	3.460000	0.000000	20.760000
## 297571	1.0000000	1.500000	5.540000	29.840000
## 297890	1.0000000	2.550000	0.000000	15.350000
## 298206	1.0000000	0.000000	0.000000	4.800000
## 298541	1.0000000	0.000000	0.000000	13.800000
## 298788	1.0000000	0.000000	0.000000	8.300000
## 299074	1.0000000	1.000000	0.000000	9.300000
## 299477	0.0000000	0.000000	0.000000	20.000000
## 299625	1.0000000	0.000000	0.000000	8.300000
## 299738	1.0000000	0.000000	0.000000	22.800000
## 300309	1.0000000	0.000000	0.000000	21.300000
## 300434	1.0000000	1.000000	0.000000	7.300000
## 300732	1.0000000	6.000000	5.540000	64.340000
## 301618	1.0000000	0.000000	0.000000	10.300000
## 302176	1.0000000	0.000000	0.000000	10.800000
## 302299	1.0000000	1.460000	0.000000	8.760000
## 302524	1.0000000	0.000000	0.000000	9.300000
## 302821	1.0000000	0.000000	0.000000	26.800000
## 303600	1.0000000	1.850000	0.000000	11.150000
## 303636	1.0000000	0.000000	0.000000	10.300000
## 303643	1.0000000	0.000000	0.000000	6.300000
## 303789	1.0000000	0.000000	0.000000	5.800000
## 303837	1.0000000	0.000000	0.000000	6.300000
## 304299	1.0000000	0.000000	0.000000	5.800000
## 304445	1.0000000	0.000000	0.000000	14.300000
## 304804	1.0000000	0.000000	0.000000	8.800000
## 305879	1.0000000	0.000000	0.000000	11.300000
## 305883	1.0000000	0.000000	0.000000	12.800000
## 305973	1.0000000	0.000000	0.000000	9.800000
## 306129	1.0000000	2.460000	0.000000	14.760000
## 306206	1.0000000	0.000000	0.000000	8.300000
## 306509	1.0000000	0.000000	0.000000	15.800000
## 306578	1.0000000	0.000000	0.000000	11.800000
## 306913	1.0000000	0.000000	0.000000	8.300000
## 306999	1.0000000	0.000000	0.000000	8.300000
## 307138	1.0000000	0.000000	0.000000	7.800000
## 307269	1.0000000	0.000000	2.540000	18.840000
## 307666	1.0000000	1.000000	0.000000	14.800000
## 307864	1.0000000	0.000000	5.540000	58.340000
## 308563	1.0000000	0.000000	0.000000	12.800000
## 308974	1.0000000	0.000000	0.000000	11.300000

## 309646	1.0000000	1.200000	0.000000	12.000000
## 309680	1.0000000	0.000000	0.000000	11.300000
## 309745	1.0000000	0.000000	0.000000	12.800000
## 309999	1.0000000	3.950000	0.000000	19.750000
## 310068	1.0000000	0.220000	0.000000	14.020000
## 310513	1.0000000	3.320000	0.000000	16.620000
## 310772	1.0000000	0.000000	0.000000	10.300000
## 311052	1.0000000	3.000000	0.000000	23.300000
## 311178	1.0000000	0.000000	0.000000	6.800000
## 311200	1.0000000	1.560000	0.000000	9.360000
## 311249	1.0000000	0.000000	0.000000	9.800000
## 311374	1.0000000	0.000000	0.000000	10.300000
## 311964	1.0000000	0.000000	0.000000	9.800000
## 312164	1.0000000	0.000000	0.000000	6.300000
## 312452	1.0000000	2.460000	0.000000	14.760000
## 312571	1.0000000	0.000000	0.000000	5.300000
## 312659	1.0000000	1.160000	0.000000	6.960000
## 312718	1.0000000	1.500000	0.000000	9.800000
## 312730	1.0000000	2.940000	0.000000	12.740000
## 312747	1.0000000	0.000000	0.000000	12.300000
## 313616	1.0000000	1.000000	0.000000	8.300000
## 313794	1.0000000	3.560000	0.000000	21.360000
## 314390	1.0000000	1.950000	0.000000	9.750000
## 314412	1.0000000	0.000000	0.000000	7.300000
## 314928	1.0000000	2.320000	0.000000	11.620000
## 314935	1.0000000	2.660000	0.000000	15.960000
## 315388	1.0000000	0.000000	0.000000	17.300000
## 315641	1.0000000	8.200000	0.000000	41.000000
## 315694	1.0000000	2.460000	0.000000	14.760000
## 315906	1.0000000	1.660000	0.000000	9.960000
## 316246	1.0000000	1.000000	0.000000	10.300000
## 316315	1.0000000	0.000000	0.000000	22.300000
## 316479	1.0000000	13.160000	0.000000	78.960000
## 316481	1.0000000	0.000000	0.000000	29.800000
## 316598	1.0000000	0.000000	0.000000	19.300000
## 317246	1.0000000	1.650000	0.000000	9.950000
## 318010	1.0000000	3.200000	0.000000	16.000000
## 319107	1.0000000	1.240000	0.000000	9.540000
## 319199	1.0000000	3.960000	0.000000	23.760000
## 319278	1.0000000	0.000000	0.000000	37.300000
## 319494	1.0000000	2.950000	0.000000	17.750000
## 319604	1.0000000	1.500000	0.000000	18.300000
## 321193	1.0000000	0.000000	0.000000	7.300000
## 322111	1.0000000	0.000000	0.000000	9.800000
## 322774	1.0000000	0.000000	0.000000	13.800000
## 322889	1.0000000	1.160000	0.000000	6.960000
## 324051	1.0000000	0.000000	5.540000	40.340000
## 324275	1.0000000	1.300000	0.000000	6.600000
## 324348	1.0000000	1.850000	0.000000	11.150000
## 324385	1.0000000	0.000000	0.000000	58.800000
## 324940	1.0000000	1.560000	0.000000	9.360000
## 325422	1.0000000	1.960000	0.000000	11.760000
## 325727	1.0000000	0.000000	0.000000	6.300000
## 325856	1.0000000	2.360000	0.000000	14.160000
## 326927	1.0000000	1.320000	0.000000	6.620000
## 327163	1.0000000	1.260000	0.000000	7.560000
## 327269	1.0000000	7.000000	0.000000	52.300000
## 327412	1.0000000	1.660000	0.000000	9.960000
## 327551	1.0000000	0.000000	0.000000	12.800000
## 327792	1.0000000	0.000000	0.000000	33.800000
## 329940	1.0000000	0.000000	0.000000	8.800000
## 329996	1.0000000	0.000000	0.000000	7.300000
## 330474	1.0000000	4.400000	0.000000	19.200000
## 331012	1.0000000	4.560000	0.000000	27.360000

## 331080	1.0000000	0.000000	0.000000	8.800000
## 331150	1.0000000	0.000000	0.000000	13.800000
## 331158	1.0000000	6.770000	5.540000	40.610000
## 331509	1.0000000	0.000000	0.000000	7.800000
## 331705	1.0000000	0.000000	0.000000	8.800000
## 332089	1.0000000	0.000000	0.000000	7.300000
## 332206	0.0000000	0.000000	0.000000	8.000000
## 332316	1.0000000	1.560000	0.000000	9.360000
## 332351	1.0000000	3.820000	0.000000	19.120000
## 332433	1.0000000	0.000000	0.000000	7.800000
## 334301	1.0000000	0.000000	0.000000	6.300000
## 334375	1.0000000	2.160000	0.000000	12.960000
## 334762	1.0000000	0.000000	0.000000	12.800000
## 334950	1.0000000	2.160000	0.000000	12.960000
## 334959	1.0000000	0.000000	0.000000	17.800000
## 335038	1.0000000	3.460000	0.000000	20.760000
## 335053	1.0000000	0.000000	0.000000	7.300000
## 335166	1.0000000	0.000000	0.000000	25.300000
## 335249	1.0000000	1.660000	0.000000	9.960000
## 335362	1.0000000	0.000000	0.000000	10.800000
## 335565	1.0000000	0.000000	0.000000	25.300000
## 335626	0.0000000	3.570000	0.000000	23.570000
## 335718	1.0000000	0.000000	0.000000	8.300000
## 335727	1.0000000	0.000000	0.000000	8.800000
## 335739	1.0000000	4.850000	0.000000	29.150000
## 336069	1.0000000	0.000000	0.000000	14.800000
## 336482	1.0000000	1.200000	0.000000	6.000000
## 337224	1.0000000	1.760000	0.000000	10.560000
## 337360	1.0000000	0.000000	0.000000	4.800000
## 337493	1.0000000	2.760000	0.000000	16.560000
## 337631	1.0000000	3.000000	0.000000	24.800000
## 337682	1.0000000	17.500000	5.540000	75.840000
## 338084	1.0000000	4.000000	0.000000	25.800000
## 338531	1.0000000	4.050000	0.000000	24.350000
## 339102	1.0000000	0.000000	0.000000	3.800000
## 339344	1.0000000	3.000000	0.000000	25.300000
## 339480	1.0000000	0.000000	0.000000	14.800000
## 339666	1.0000000	0.000000	0.000000	9.300000
## 340070	1.0000000	4.000000	5.540000	37.340000
## 340524	1.0000000	0.000000	0.000000	14.300000
## 340946	1.0000000	0.000000	0.000000	3.800000
## 340956	1.0000000	0.000000	0.000000	10.300000
## 341130	1.0000000	3.760000	0.000000	22.560000
## 341158	1.0000000	0.000000	0.000000	8.800000
## 341288	1.0000000	0.000000	0.000000	32.300000
## 341697	1.0000000	0.000000	0.000000	12.300000
## 342136	1.0000000	14.080000	0.000000	70.380000
## 342809	1.0000000	2.060000	0.000000	12.360000
## 343074	1.0000000	0.000000	0.000000	17.300000
## 343240	1.0000000	2.360000	0.000000	14.160000
## 343306	1.0000000	0.000000	0.000000	18.800000
## 343327	1.0000000	0.000000	0.000000	9.300000
## 343591	1.0000000	1.000000	0.000000	9.300000
## 344417	1.0000000	0.000000	0.000000	9.800000
## 344620	1.0000000	0.000000	0.000000	10.300000
## 346047	1.0000000	0.000000	0.000000	12.800000
## 346264	1.0000000	0.000000	0.000000	5.300000
## 346314	1.0000000	2.360000	0.000000	14.160000
## 346348	1.0000000	0.000000	0.000000	10.300000
## 346597	1.0000000	0.000000	0.000000	7.300000
## 346703	1.0000000	0.000000	0.000000	19.800000
## 346817	1.0000000	0.000000	0.000000	6.300000
## 346883	1.0000000	1.060000	0.000000	6.360000
## 347047	1.0000000	1.960000	0.000000	11.760000

## 347074	1.0000000	0.000000	0.000000	8.300000
## 347538	1.0000000	0.000000	0.000000	7.800000
## 347597	1.0000000	0.000000	0.000000	13.800000
## 348252	1.0000000	0.000000	0.000000	9.300000
## 349124	1.0000000	0.000000	0.000000	18.300000
## 349402	1.0000000	1.200000	0.000000	10.000000
## 349464	1.0000000	1.000000	0.000000	10.300000
## 349490	1.0000000	0.000000	0.000000	5.800000
## 349578	1.0000000	0.000000	0.000000	13.300000
## 349910	1.0000000	1.660000	0.000000	9.960000
## 350157	1.0000000	0.000000	0.000000	15.300000
## 350255	1.0000000	0.000000	0.000000	31.800000
## 350402	1.0000000	0.000000	0.000000	4.300000
## 350586	1.0000000	0.000000	0.000000	12.300000
## 352120	1.0000000	0.000000	0.000000	8.300000
## 352313	1.0000000	0.000000	0.000000	8.300000
## 352603	1.0000000	2.660000	0.000000	15.960000
## 352761	1.0000000	2.960000	0.000000	17.760000
## 353593	1.0000000	0.000000	0.000000	12.800000
## 353822	1.0000000	0.000000	0.000000	6.300000
## 354071	1.0000000	3.060000	0.000000	18.360000
## 354106	1.0000000	0.000000	0.000000	5.300000
## 354932	1.0000000	0.000000	0.000000	16.300000
## 354952	1.0000000	0.000000	0.000000	52.800000
## 355085	1.0000000	3.160000	0.000000	18.960000
## 355816	1.0000000	4.000000	0.000000	29.800000
## 356319	1.0000000	3.000000	0.000000	14.800000
## 357205	1.0000000	0.000000	0.000000	11.300000
## 357311	1.0000000	0.000000	0.000000	13.300000
## 357549	1.0000000	1.500000	0.000000	13.300000
## 357622	1.0000000	3.950000	0.000000	19.750000
## 357816	1.0000000	3.240000	0.000000	14.040000
## 358232	1.0000000	2.320000	0.000000	11.620000
## 358290	1.0000000	0.000000	0.000000	15.800000
## 358573	1.0000000	0.000000	0.000000	11.300000
## 358863	1.0000000	0.000000	0.000000	7.300000
## 359261	1.0000000	0.000000	0.000000	14.800000
## 359395	1.0000000	0.000000	0.000000	15.300000
## 359426	1.0000000	5.560000	0.000000	33.360000
## 359537	1.0000000	0.000000	0.000000	16.300000
## 360004	1.0000000	0.000000	0.000000	15.800000
## 360091	1.0000000	0.000000	0.000000	6.300000
## 360143	1.0000000	0.000000	0.000000	9.800000
## 360265	1.0000000	3.450000	0.000000	20.750000
## 360674	1.0000000	0.000000	0.000000	7.800000
## 360693	1.0000000	1.760000	0.000000	10.560000
## 360822	1.0000000	2.360000	0.000000	14.160000
## 360929	1.0000000	1.660000	0.000000	9.960000
## 361304	1.0000000	0.000000	0.000000	19.300000
## 362052	1.0000000	0.000000	0.000000	5.800000
## 362220	1.0000000	0.000000	0.000000	10.800000
## 362656	1.0000000	0.000000	0.000000	9.300000
## 363679	1.0000000	0.000000	0.000000	7.300000
## 363922	1.0000000	6.500000	0.000000	28.300000
## 364085	1.0000000	1.660000	0.000000	9.960000
## 364291	1.0000000	0.000000	0.000000	7.300000
## 364782	1.0000000	5.860000	0.000000	35.160000
## 365008	1.0000000	1.460000	0.000000	8.760000
## 365163	1.0000000	1.000000	0.000000	9.800000
## 365210	1.0000000	0.000000	0.000000	14.300000
## 365287	1.0000000	1.060000	0.000000	6.360000
## 365927	1.0000000	1.000000	0.000000	23.300000
## 365947	1.0000000	0.000000	0.000000	11.300000
## 366224	1.0000000	1.160000	0.000000	6.960000

## 366446	1.0000000	3.060000	0.000000	18.360000
## 366994	1.0000000	0.000000	0.000000	11.800000
## 367486	1.0000000	0.000000	0.000000	7.800000
## 368066	1.0000000	0.000000	0.000000	14.800000
## 368519	1.0000000	0.000000	0.000000	7.300000
## 368787	1.0000000	1.960000	0.000000	11.760000
## 368963	1.0000000	0.000000	0.000000	14.800000
## 369484	1.0000000	0.000000	0.000000	16.300000
## 370159	1.0000000	5.250000	0.000000	31.550000
## 370778	1.0000000	1.200000	0.000000	6.000000
## 370844	1.0000000	0.000000	0.000000	10.800000
## 371522	1.0000000	0.000000	0.000000	7.300000
## 371902	1.0000000	0.000000	0.000000	9.800000
## 372098	1.0000000	1.760000	0.000000	10.560000
## 372141	1.0000000	0.000000	0.000000	6.800000
## 372855	1.0000000	1.260000	0.000000	7.560000
## 372892	1.0000000	0.000000	0.000000	5.800000
## 372893	1.0000000	0.000000	0.000000	12.300000
## 373682	1.0000000	0.000000	0.000000	22.800000
## 373737	1.0000000	2.000000	0.000000	8.800000
## 373875	1.0000000	2.550000	0.000000	15.350000
## 374633	1.0000000	2.700000	0.000000	13.500000
## 374996	1.0000000	1.000000	0.000000	7.300000
## 375105	1.0000000	2.000000	0.000000	21.800000
## 375149	1.0000000	0.000000	0.000000	6.800000
## 375189	1.0000000	0.000000	0.000000	25.300000
## 375593	1.0000000	0.000000	0.000000	5.300000
## 375644	0.0000000	0.800000	0.000000	10.800000
## 375832	1.0000000	2.060000	0.000000	12.360000
## 376202	1.0000000	1.160000	0.000000	6.960000
## 376661	1.0000000	2.960000	0.000000	17.760000
## 376762	1.0000000	0.000000	0.000000	20.300000
## 376895	1.0000000	5.450000	0.000000	32.750000
## 376905	0.0000000	0.000000	0.000000	0.000000
## 376956	1.0000000	0.000000	0.000000	12.800000
## 377303	1.0000000	2.500000	0.000000	14.800000
## 377359	1.0000000	1.250000	0.000000	7.550000
## 377436	1.0000000	0.000000	0.000000	15.800000
## 377590	1.0000000	0.000000	0.000000	6.800000
## 377796	0.0000000	5.200000	0.000000	31.200000
## 377919	1.0000000	0.000000	0.000000	8.300000
## 378197	1.0000000	0.000000	0.000000	8.300000
## 378406	1.0000000	1.000000	0.000000	10.300000
## 379129	1.0000000	0.000000	0.000000	5.800000
## 379387	1.0000000	0.000000	0.000000	8.800000
## 379535	1.0000000	2.320000	0.000000	11.620000
## 379838	1.0000000	5.160000	0.000000	30.960000
## 380339	1.0000000	1.250000	0.000000	7.550000
## 380387	1.0000000	0.000000	0.000000	9.800000
## 380657	1.0000000	0.200000	0.000000	10.000000
## 380692	1.0000000	0.000000	0.000000	7.300000
## 380815	1.0000000	0.000000	0.000000	4.300000
## 381177	1.0000000	0.000000	0.000000	13.300000
## 381558	1.0000000	0.000000	0.000000	7.800000
## 381576	1.0000000	1.000000	0.000000	12.800000
## 381584	1.0000000	0.000000	0.000000	6.300000
## 381752	1.0000000	0.000000	0.000000	13.800000
## 381915	1.0000000	0.000000	0.000000	5.300000
## 381980	1.0000000	0.000000	0.000000	10.800000
## 382062	1.0000000	0.000000	0.000000	8.800000
## 382578	1.0000000	1.000000	0.000000	8.800000
## 382674	1.0000000	1.460000	0.000000	8.760000
## 382817	1.0000000	0.000000	0.000000	9.300000
## 382949	1.0000000	0.000000	0.000000	7.300000

## 384120	1.0000000	2.700000	0.000000	13.500000
## 384296	1.0000000	0.000000	0.000000	15.800000
## 384438	1.0000000	0.000000	0.000000	18.300000
## 384827	1.0000000	3.060000	0.000000	18.360000
## 384925	1.0000000	0.000000	0.000000	14.800000
## 385393	1.0000000	2.000000	0.000000	15.300000
## 385762	1.0000000	0.000000	0.000000	45.300000
## 385964	1.0000000	0.000000	0.000000	16.300000
## 386792	1.0000000	4.760000	0.000000	28.560000
## 386813	1.0000000	0.000000	0.000000	5.800000
## 386833	1.0000000	1.660000	0.000000	9.960000
## 387196	1.0000000	0.000000	0.000000	11.300000
## 387230	0.0000000	0.000000	0.000000	45.000000
## 387309	1.0000000	0.000000	0.000000	5.800000
## 387647	1.0000000	0.000000	0.000000	8.800000
## 387822	1.0000000	3.060000	0.000000	18.360000
## 388074	1.0000000	2.000000	0.000000	13.300000
## 388942	1.0000000	2.760000	0.000000	16.560000
## 388966	1.0000000	2.320000	0.000000	11.620000
## 389122	1.0000000	0.000000	0.000000	10.300000
## 389302	1.0000000	0.000000	0.000000	8.300000
## 389871	1.0000000	3.850000	0.000000	23.150000
## 389979	1.0000000	0.000000	0.000000	6.300000
## 390709	1.0000000	1.360000	0.000000	8.160000
## 391273	1.0000000	1.000000	0.000000	7.800000
## 391434	1.0000000	4.260000	0.000000	25.560000
## 391714	1.0000000	0.000000	0.000000	5.300000
## 392363	1.0000000	0.000000	0.000000	6.300000
## 392673	1.0000000	0.000000	0.000000	5.300000
## 392731	1.0000000	1.000000	0.000000	8.300000
## 393086	0.0000000	0.000000	0.000000	20.000000
## 393098	1.0000000	6.960000	0.000000	41.760000
## 393353	1.0000000	1.000000	0.000000	6.300000
## 393679	1.0000000	0.000000	0.000000	5.800000
## 394209	1.0000000	0.000000	0.000000	15.300000
## 394487	1.0000000	4.350000	0.000000	26.150000
## 395264	1.0000000	0.000000	0.000000	8.800000
## 395268	1.0000000	0.000000	0.000000	19.800000
## 395457	1.0000000	0.000000	0.000000	10.800000
## 395913	1.0000000	0.000000	0.000000	6.800000
## 395960	1.0000000	0.000000	0.000000	11.300000
## 395990	1.0000000	1.160000	0.000000	6.960000
## 396114	1.0000000	0.000000	0.000000	8.300000
## 396835	1.0000000	2.000000	0.000000	7.800000
## 397509	1.0000000	0.000000	0.000000	6.300000
## 397517	1.0000000	0.000000	0.000000	7.800000
## 397795	1.0000000	6.870000	5.540000	41.210000
## 397993	1.0000000	3.000000	0.000000	10.300000
## 399122	1.0000000	0.000000	0.000000	3.300000
## 399301	1.0000000	1.020000	0.000000	7.820000
## 399417	1.0000000	0.000000	0.000000	7.300000
## 399777	1.0000000	1.560000	0.000000	9.360000
## 399990	1.0000000	0.000000	0.000000	8.800000
## 400044	1.0000000	0.000000	0.000000	4.300000
## 400543	1.0000000	0.000000	0.000000	9.300000
## 401101	1.0000000	0.000000	0.000000	9.800000
## 401148	1.0000000	0.000000	0.000000	4.300000
## 401247	1.0000000	1.000000	0.000000	12.300000
## 401976	1.0000000	0.000000	0.000000	15.800000
## 402008	1.0000000	1.460000	0.000000	8.760000
## 402188	1.0000000	1.000000	0.000000	6.800000
## 402205	1.0000000	0.000000	0.000000	10.300000
## 402297	1.0000000	0.000000	0.000000	9.800000
## 402359	1.0000000	0.000000	0.000000	9.300000

## 402431	1.0000000	2.260000	0.000000	13.560000
## 402481	1.0000000	4.160000	0.000000	24.960000
## 404045	1.0000000	0.000000	0.000000	5.800000
## 404057	1.0000000	0.000000	0.000000	16.300000
## 404186	1.0000000	0.000000	0.000000	17.300000
## 404230	1.0000000	4.170000	5.540000	25.010000
## 404282	1.0000000	0.000000	0.000000	7.800000
## 404580	1.0000000	2.080000	0.000000	10.380000
## 404690	1.0000000	1.460000	0.000000	8.760000
## 405288	1.0000000	2.000000	0.000000	11.300000
## 405621	1.0000000	2.000000	0.000000	9.800000
## 406235	1.0000000	2.000000	0.000000	8.300000
## 406788	1.0000000	2.260000	0.000000	13.560000
## 406832	0.0000000	1.308291	0.000000	11.285749
## 407229	1.0000000	0.000000	0.000000	15.300000
## 407247	1.0000000	1.960000	0.000000	11.760000
## 408134	1.0000000	0.000000	0.000000	9.800000
## 408341	0.0000000	0.000000	0.000000	55.000000
## 408347	0.0000000	0.040000	0.000000	10.040000
## 409113	1.0000000	4.450000	0.000000	22.250000
## 409198	1.0000000	1.260000	0.000000	7.560000
## 409276	1.0000000	1.500000	0.000000	15.800000
## 409487	1.0000000	0.000000	0.000000	15.800000
## 409519	1.0000000	2.660000	0.000000	15.960000
## 409603	1.0000000	0.000000	0.000000	8.800000
## 409810	1.0000000	2.260000	0.000000	13.560000
## 409989	1.0000000	0.000000	0.000000	12.300000
## 411148	1.0000000	0.000000	0.000000	6.300000
## 411550	1.0000000	0.000000	0.000000	7.800000
## 411769	1.0000000	0.000000	0.000000	7.300000
## 412277	0.0000000	0.000000	0.000000	25.000000
## 412444	1.0000000	0.000000	0.000000	11.300000
## 412497	1.0000000	0.000000	0.000000	4.800000
## 412987	1.0000000	1.660000	0.000000	9.960000
## 414123	1.0000000	0.000000	0.000000	4.800000
## 414167	1.0000000	0.000000	0.000000	8.800000
## 414490	1.0000000	0.000000	0.000000	9.300000
## 415052	1.0000000	0.000000	0.000000	3.300000
## 415354	1.0000000	1.360000	0.000000	8.160000
## 415439	1.0000000	3.460000	0.000000	20.760000
## 415589	1.0000000	0.000000	0.000000	9.300000
## 415805	1.0000000	1.860000	0.000000	11.160000
## 416614	1.0000000	2.050000	0.000000	12.350000
## 416838	1.0000000	3.800000	0.000000	16.600000
## 416913	1.0000000	2.950000	0.000000	17.750000
## 417810	1.0000000	0.000000	0.000000	24.800000
## 417886	1.0000000	2.160000	0.000000	12.960000
## 418799	1.0000000	0.000000	0.000000	13.300000
## 419906	1.0000000	6.160000	0.000000	36.960000
## 420688	1.0000000	1.700000	0.000000	7.000000
## 420696	1.0000000	1.000000	0.000000	5.800000
## 421456	1.0000000	0.000000	0.000000	9.800000
## 421624	1.0000000	0.000000	5.540000	31.840000
## 422151	1.0000000	0.000000	0.000000	5.300000
## 422333	1.0000000	0.000000	0.000000	8.800000
## 422811	1.0000000	0.000000	0.000000	9.300000
## 422840	1.0000000	2.000000	0.000000	21.800000
## 422841	1.0000000	0.000000	0.000000	6.800000
## 422898	1.0000000	1.960000	0.000000	11.760000
## 423150	1.0000000	2.820000	0.000000	14.120000
## 423226	1.0000000	2.060000	0.000000	12.360000
## 423910	1.0000000	2.250000	0.000000	13.550000
## 423981	1.0000000	1.750000	0.000000	10.550000
## 424110	1.0000000	1.160000	0.000000	6.960000

## 424324	1.0000000	0.000000	0.000000	7.300000
## 424341	1.0000000	2.960000	0.000000	17.760000
## 424898	1.0000000	0.000000	0.000000	8.800000
## 426297	1.0000000	1.460000	0.000000	8.760000
## 426478	1.0000000	1.000000	0.000000	9.300000
## 426719	1.0000000	1.500000	0.000000	25.300000
## 427382	1.0000000	3.350000	0.000000	20.150000
## 427433	1.0000000	1.550000	0.000000	9.350000
## 427703	1.0000000	2.490000	0.000000	10.790000
## 428170	1.0000000	3.860000	0.000000	23.160000
## 428268	1.0000000	2.000000	0.000000	12.300000
## 428367	1.0000000	2.000000	0.000000	13.300000
## 428498	1.0000000	1.060000	0.000000	6.360000
## 429134	1.0000000	0.000000	0.000000	18.300000
## 429208	1.0000000	1.000000	0.000000	8.300000
## 429388	1.0000000	4.160000	0.000000	24.960000
## 429556	1.0000000	1.360000	0.000000	8.160000
## 429739	1.0000000	2.450000	0.000000	12.250000
## 430121	1.0000000	4.260000	0.000000	25.560000
## 430645	1.0000000	0.000000	0.000000	22.800000
## 430801	1.0000000	4.960000	0.000000	29.760000
## 430864	1.0000000	0.000000	0.000000	5.300000
## 430890	1.0000000	0.200000	0.000000	8.000000
## 431054	1.0000000	0.000000	0.000000	8.800000
## 431273	1.0000000	1.560000	0.000000	9.360000
## 431275	1.0000000	0.000000	0.000000	11.800000
## 431762	1.0000000	2.960000	0.000000	17.760000
## 432207	1.0000000	5.760000	0.000000	34.560000
## 432264	1.0000000	2.490000	0.000000	10.790000
## 432269	1.0000000	1.760000	0.000000	10.560000
## 434247	1.0000000	2.000000	0.000000	19.800000
## 435565	1.0000000	1.060000	0.000000	6.360000
## 435746	1.0000000	0.000000	0.000000	13.800000
## 435754	1.0000000	1.700000	0.000000	8.500000
## 436591	1.0000000	0.000000	0.000000	24.800000
## 436715	1.0000000	0.000000	0.000000	5.800000
## 436837	1.0000000	6.260000	0.000000	37.560000
## 437397	1.0000000	0.000000	5.540000	53.340000
## 437488	0.0000000	8.000000	0.000000	62.000000
## 437825	1.0000000	0.000000	0.000000	9.300000
## 438518	1.0000000	1.860000	0.000000	11.160000
## 438819	1.0000000	0.000000	0.000000	10.300000
## 438896	1.0000000	2.060000	0.000000	12.360000
## 439625	1.0000000	0.000000	0.000000	7.300000
## 440279	1.0000000	0.000000	0.000000	10.800000
## 440545	1.0000000	0.000000	0.000000	21.300000
## 440633	1.0000000	0.000000	0.000000	15.300000
## 441067	1.0000000	0.000000	0.000000	23.800000
## 441199	0.0000000	0.000000	0.000000	0.000000
## 441214	1.0000000	0.000000	0.000000	30.800000
## 441417	1.0000000	0.000000	0.000000	14.800000
## 441452	1.0000000	0.000000	0.000000	5.300000
## 442229	1.0000000	0.000000	0.000000	12.800000
## 443000	1.0000000	0.000000	0.000000	23.800000
## 443705	1.0000000	0.000000	0.000000	12.300000
## 443928	1.0000000	3.320000	0.000000	16.620000
## 443975	1.0000000	5.660000	0.000000	33.960000
## 444271	1.0000000	0.000000	0.000000	5.800000
## 444520	1.0000000	0.000000	0.000000	6.800000
## 444606	1.0000000	2.000000	0.000000	16.300000
## 444765	1.0000000	0.000000	0.000000	7.300000
## 444870	1.0000000	2.190000	0.000000	9.490000
## 444901	1.0000000	1.000000	0.000000	7.300000
## 445300	1.0000000	0.000000	0.000000	19.800000

## 445597	1.0000000	1.000000	0.000000	6.800000
## 445930	1.0000000	0.000000	0.000000	6.300000
## 446060	1.0000000	0.000000	5.540000	57.840000
## 446247	1.0000000	0.000000	0.000000	8.800000
## 447342	1.0000000	0.000000	0.000000	5.300000
## 447577	1.0000000	0.000000	0.000000	4.800000
## 447732	1.0000000	0.000000	0.000000	20.800000
## 447806	1.0000000	0.000000	0.000000	19.800000
## 447870	1.0000000	0.000000	0.000000	6.300000
## 447907	1.0000000	0.000000	0.000000	5.800000
## 447933	1.0000000	2.060000	0.000000	12.360000
## 448244	1.0000000	0.000000	0.000000	11.300000
## 448531	1.0000000	0.000000	0.000000	10.800000
## 448551	1.0000000	1.060000	0.000000	6.360000
## 448630	1.0000000	0.000000	0.000000	6.300000
## 448976	1.0000000	0.000000	0.000000	7.300000
## 449190	1.0000000	0.000000	0.000000	9.800000
## 449220	1.0000000	0.000000	0.000000	9.800000
## 449471	1.0000000	0.000000	0.000000	8.300000
## 449855	1.0000000	1.960000	0.000000	11.760000
## 450013	1.0000000	2.820000	0.000000	14.120000
## 450310	1.0000000	0.000000	0.000000	8.800000
## 450361	1.0000000	0.000000	0.000000	10.300000
## 450423	1.0000000	2.490000	0.000000	10.790000
## 450466	1.0000000	0.860000	0.000000	5.160000
## 450702	1.0000000	5.560000	0.000000	33.360000
## 450841	1.0000000	0.000000	0.000000	4.800000
## 451004	1.0000000	2.000000	0.000000	29.300000
## 451030	1.0000000	0.000000	0.000000	9.300000
## 451568	1.0000000	0.000000	0.000000	4.800000
## 451962	1.0000000	4.450000	0.000000	22.250000
## 452955	1.0000000	3.840000	0.000000	16.640000
## 453009	1.0000000	2.000000	0.000000	33.300000
## 453225	1.0000000	1.460000	0.000000	8.760000
## 453698	1.0000000	0.000000	0.000000	6.800000
## 453981	1.0000000	1.500000	0.000000	11.800000
## 454139	1.0000000	0.940000	0.000000	7.240000
## 454162	1.0000000	0.000000	0.000000	10.300000
## 454166	1.0000000	0.000000	0.000000	9.300000
## 454641	1.0000000	0.000000	0.000000	7.300000
## 455118	1.0000000	1.000000	0.000000	9.300000
## 455351	1.0000000	0.000000	0.000000	11.300000
## 455537	1.0000000	0.000000	0.000000	5.300000
## 456283	1.0000000	2.360000	0.000000	14.160000
## 456290	1.0000000	0.000000	0.000000	10.300000
## 456449	1.0000000	0.000000	0.000000	11.800000
## 456537	1.0000000	6.820000	0.000000	34.120000
## 456891	1.0000000	0.000000	5.540000	30.840000
## 456897	1.0000000	4.740000	0.000000	20.540000
## 457385	1.0000000	4.250000	0.000000	25.550000
## 457591	1.0000000	0.000000	0.000000	8.800000
## 457785	1.0000000	0.000000	0.000000	6.300000
## 457800	1.0000000	0.000000	0.000000	12.800000
## 457955	1.0000000	0.000000	0.000000	6.300000
## 458304	1.0000000	1.560000	0.000000	9.360000
## 458811	1.0000000	2.820000	0.000000	14.120000
## 458827	1.0000000	4.860000	0.000000	29.160000
## 458930	1.0000000	0.000000	0.000000	6.800000
## 459427	1.0000000	1.360000	0.000000	8.160000
## 459833	1.0000000	10.000000	0.000000	20.300000
## 460707	1.0000000	1.760000	0.000000	10.560000
## 460832	1.0000000	0.000000	0.000000	9.300000
## 461463	1.0000000	1.230000	0.000000	13.530000
## 461793	1.0000000	1.580000	0.000000	7.880000

## 461887	1.0000000	4.660000	0.000000	27.960000
## 461919	1.0000000	0.000000	0.000000	27.800000
## 462113	1.0000000	0.000000	0.000000	9.300000
## 462816	1.0000000	1.760000	0.000000	10.560000
## 463178	1.0000000	0.000000	0.000000	6.800000
## 463179	1.0000000	0.000000	0.000000	5.300000
## 463334	1.0000000	3.000000	0.000000	31.300000
## 463498	1.0000000	1.550000	0.000000	9.350000
## 463545	1.0000000	1.550000	0.000000	7.850000
## 463704	1.0000000	0.000000	0.000000	8.300000
## 463760	1.0000000	2.000000	0.000000	17.800000
## 464305	1.0000000	0.000000	0.000000	8.300000
## 464331	1.0000000	0.000000	0.000000	10.300000
## 464676	1.0000000	2.660000	0.000000	15.960000
## 465099	1.0000000	1.080000	0.000000	29.380000
## 465108	1.0000000	0.000000	0.000000	10.300000
## 465377	1.0000000	0.000000	0.000000	12.800000
## 465560	1.0000000	1.000000	0.000000	20.800000
## 465609	1.0000000	7.080000	0.000000	35.380000
## 466226	1.0000000	3.000000	0.000000	18.800000
## 466794	1.0000000	0.000000	0.000000	11.300000
## 466852	1.0000000	0.000000	0.000000	9.300000
## 466864	1.0000000	0.000000	0.000000	15.800000
## 467963	1.0000000	0.000000	0.000000	8.800000
## 468563	1.0000000	0.000000	0.000000	21.800000
## 468725	1.0000000	0.000000	0.000000	11.300000
## 468749	1.0000000	0.000000	0.000000	7.300000
## 469058	1.0000000	0.000000	0.000000	6.800000
## 469262	1.0000000	1.560000	0.000000	9.360000
## 469274	1.0000000	0.000000	0.000000	8.800000
## 469495	1.0000000	0.000000	0.000000	8.300000
## 469801	1.0000000	0.000000	0.000000	7.300000
## 469883	1.0000000	0.000000	0.000000	8.800000
## 469938	1.0000000	3.460000	0.000000	20.760000
## 471197	1.0000000	3.000000	0.000000	16.800000
## 471859	1.0000000	2.860000	0.000000	17.160000
## 474142	1.0000000	0.000000	0.000000	6.300000
## 474294	1.0000000	2.560000	0.000000	15.360000
## 475009	1.0000000	0.000000	0.000000	10.300000
## 475395	1.0000000	0.000000	0.000000	13.800000
## 475423	1.0000000	0.000000	0.000000	8.800000
## 475602	1.0000000	0.000000	0.000000	8.800000
## 476598	1.0000000	1.460000	0.000000	8.760000
## 476603	1.0000000	0.000000	0.000000	13.800000
## 476663	1.0000000	0.000000	0.000000	7.300000
## 476690	1.0000000	0.000000	0.000000	14.300000
## 476799	1.0000000	2.360000	0.000000	14.160000
## 477052	1.0000000	0.000000	0.000000	8.300000
## 477207	1.0000000	1.000000	0.000000	25.300000
## 477558	1.0000000	0.000000	0.000000	9.300000
## 477682	1.0000000	1.000000	0.000000	11.800000
## 478615	1.0000000	11.500000	0.000000	25.800000
## 479034	1.0000000	0.000000	0.000000	12.300000
## 479043	1.0000000	0.000000	0.000000	23.800000
## 479183	1.0000000	1.700000	0.000000	8.500000
## 479229	1.0000000	1.460000	0.000000	8.760000
## 479459	1.0000000	1.460000	0.000000	8.760000
## 479807	1.0000000	3.700000	0.000000	18.500000
## 479961	1.0000000	0.000000	0.000000	13.300000
## 480078	1.0000000	0.000000	0.000000	13.300000
## 481068	1.0000000	0.000000	0.000000	15.800000
## 481206	1.0000000	0.000000	0.000000	5.800000
## 481694	1.0000000	2.260000	0.000000	13.560000
## 482006	1.0000000	0.000000	0.000000	7.300000

## 482228	1.0000000	1.060000	0.000000	6.360000
## 482528	1.0000000	0.000000	0.000000	9.300000
## 482568	1.0000000	0.000000	0.000000	12.800000
## 482646	1.0000000	0.000000	0.000000	10.300000
## 482674	1.0000000	1.250000	0.000000	8.050000
## 483017	1.0000000	6.080000	0.000000	30.380000
## 483299	1.0000000	5.000000	0.000000	35.800000
## 483474	1.0000000	2.640000	0.000000	11.440000
## 483535	1.0000000	0.000000	0.000000	8.800000
## 483756	1.0000000	2.260000	0.000000	13.560000
## 483776	1.0000000	0.000000	0.000000	16.300000
## 483828	1.0000000	2.000000	0.000000	16.800000
## 484394	1.0000000	0.000000	0.000000	23.300000
## 484632	1.0000000	0.000000	0.000000	14.300000
## 484665	1.0000000	0.000000	0.000000	8.800000
## 484800	1.0000000	5.000000	0.000000	26.300000
## 485584	1.0000000	3.160000	0.000000	18.960000
## 485588	1.0000000	0.000000	0.000000	5.800000
## 485694	1.0000000	8.460000	0.000000	50.760000
## 485745	1.0000000	2.960000	0.000000	17.760000
## 486346	1.0000000	0.000000	0.000000	5.800000
## 486791	1.0000000	0.000000	0.000000	4.300000
## 486874	1.0000000	0.000000	0.000000	11.300000
## 486911	1.0000000	3.760000	0.000000	22.560000
## 487035	1.0000000	0.000000	0.000000	32.300000
## 487087	1.0000000	0.000000	0.000000	16.800000
## 487714	1.0000000	1.160000	0.000000	6.960000
## 487769	1.0000000	0.000000	0.000000	28.300000
## 487916	1.0000000	0.000000	0.000000	22.300000
## 488042	1.0000000	0.000000	0.000000	11.800000
## 488059	1.0000000	0.000000	0.000000	5.800000
## 488840	1.0000000	0.000000	0.000000	12.300000
## 489145	1.0000000	0.000000	0.000000	8.800000
## 489294	1.0000000	0.000000	0.000000	12.300000
## 489329	1.0000000	0.000000	0.000000	16.300000
## 489354	1.0000000	8.000000	0.000000	35.300000
## 489395	1.0000000	2.190000	0.000000	9.490000
## 489402	1.0000000	0.000000	0.000000	7.800000
## 490124	0.0000000	0.000000	0.000000	8.000000
## 490140	1.0000000	4.960000	0.000000	29.760000
## 490282	1.0000000	5.950000	0.000000	29.750000
## 490284	1.0000000	1.200000	0.000000	6.000000
## 490375	1.0000000	2.200000	0.000000	11.000000
## 490673	1.0000000	1.000000	0.000000	9.300000
## 490715	1.0000000	1.700000	0.000000	8.500000
## 490942	1.0000000	0.000000	0.000000	5.800000
## 490946	1.0000000	0.000000	0.000000	5.300000
## 491169	1.0000000	0.000000	0.000000	7.800000
## 491359	1.0000000	0.000000	0.000000	21.800000
## 491628	1.0000000	2.260000	0.000000	13.560000
## 491656	1.0000000	1.560000	0.000000	9.360000
## 491981	1.0000000	0.000000	0.000000	8.300000
## 492452	1.0000000	3.960000	0.000000	23.760000
## 493836	1.0000000	1.360000	0.000000	8.160000
## 494043	1.0000000	0.860000	0.000000	5.160000
## 494163	1.0000000	0.000000	0.000000	18.800000
## 494462	1.0000000	2.000000	0.000000	15.800000
## 495036	1.0000000	0.000000	0.000000	7.800000
## 495357	1.0000000	0.000000	0.000000	15.800000
## 495417	1.0000000	3.450000	0.000000	17.250000
## 495431	1.0000000	0.000000	0.000000	3.800000
## 495552	1.0000000	2.060000	0.000000	12.360000
## 495601	1.0000000	1.560000	0.000000	9.360000
## 495746	1.0000000	0.000000	0.000000	8.300000

## 496051	1.0000000	0.000000	0.000000	15.300000
## 496145	1.0000000	0.000000	0.000000	6.300000
## 496189	1.0000000	1.560000	0.000000	9.360000
## 496268	1.0000000	3.060000	0.000000	18.360000
## 496320	1.0000000	0.000000	0.000000	11.800000
## 496412	1.0000000	0.000000	0.000000	21.300000
## 496727	1.0000000	0.000000	0.000000	7.300000
## 496929	1.0000000	1.550000	0.000000	7.850000
## 497296	1.0000000	0.000000	0.000000	19.300000
## 497487	1.0000000	0.000000	0.000000	6.300000
## 497593	1.0000000	0.000000	0.000000	3.800000
## 497875	1.0000000	0.000000	0.000000	8.800000
## 498082	1.0000000	0.000000	0.000000	0.000000
## 498117	1.0000000	2.160000	0.000000	12.960000
## 498342	1.0000000	0.000000	0.000000	6.300000
## 499103	1.0000000	0.000000	0.000000	6.300000
## 499107	1.0000000	1.000000	0.000000	7.800000
## 499307	1.0000000	1.560000	0.000000	9.360000
## 499458	0.0000000	8.640000	0.000000	37.440000
## 500391	1.0000000	3.050000	0.000000	15.350000
## 500464	1.0000000	2.000000	0.000000	11.800000
## 500677	1.0000000	1.950000	0.000000	11.750000
## 501561	1.0000000	1.000000	0.000000	11.300000
## 501830	1.0000000	2.160000	0.000000	12.960000
## 501916	1.0000000	0.000000	0.000000	6.800000
## 502177	1.0000000	0.000000	0.000000	19.300000
## 502292	1.0000000	3.000000	0.000000	25.300000
## 503311	1.0000000	0.000000	0.000000	10.300000
## 503709	1.0000000	0.000000	0.000000	4.300000
## 504092	1.0000000	0.000000	0.000000	3.300000
## 504102	1.0000000	0.000000	0.000000	13.300000
## 504363	1.0000000	0.000000	0.000000	15.800000
## 504597	1.0000000	1.000000	0.000000	7.300000
## 505100	1.0000000	0.000000	0.000000	9.800000
## 505481	1.0000000	0.000000	0.000000	15.800000
## 505864	1.0000000	2.760000	0.000000	16.560000
## 506198	1.0000000	2.000000	0.000000	18.300000
## 506526	1.0000000	0.000000	2.522584	114.717127
## 506542	1.0000000	0.000000	0.000000	56.800000
## 506560	1.0000000	24.356150	0.000000	74.600000
## 506911	1.0000000	0.000000	0.000000	13.300000
## 506955	1.0000000	0.000000	0.000000	10.300000
## 507202	1.0000000	0.000000	0.000000	8.300000
## 507342	1.0000000	0.000000	0.000000	8.300000
## 508831	1.0000000	4.950000	0.000000	29.750000
## 508892	1.0000000	4.550000	0.000000	27.350000
## 508964	1.0000000	0.000000	0.000000	6.800000
## 509165	1.0000000	0.000000	0.000000	6.300000
## 509256	1.0000000	3.840000	0.000000	16.640000
## 509677	1.0000000	0.000000	0.000000	17.800000
## 509876	1.0000000	0.000000	0.000000	7.300000
## 509975	1.0000000	3.960000	0.000000	23.760000
## 510086	1.0000000	0.000000	0.000000	5.800000
## 510185	1.0000000	2.080000	0.000000	10.380000
## 510201	1.0000000	4.160000	0.000000	24.960000
## 510818	1.0000000	2.860000	0.000000	17.160000
## 511158	1.0000000	0.000000	0.000000	10.300000
## 511523	1.0000000	0.000000	0.000000	9.800000
## 511675	1.0000000	0.000000	0.000000	6.300000
## 512812	1.0000000	0.000000	0.000000	9.300000
## 513572	1.0000000	6.450000	0.000000	32.250000
## 513594	1.0000000	3.160000	0.000000	18.960000
## 513659	1.0000000	1.000000	0.000000	10.300000
## 513861	1.0000000	0.000000	0.000000	23.300000

## 514039	1.0000000	4.160000	0.000000	24.960000
## 514818	1.0000000	0.000000	0.000000	14.800000
## 514831	1.0000000	0.000000	0.000000	23.300000
## 515143	1.0000000	0.000000	0.000000	7.800000
## 515434	1.0000000	0.000000	0.000000	12.800000
## 515470	1.0000000	1.960000	0.000000	11.760000
## 515522	1.0000000	0.000000	0.000000	11.800000
## 515829	1.0000000	0.000000	0.000000	22.800000
## 516030	1.0000000	0.000000	0.000000	8.800000
## 516106	1.0000000	0.000000	0.000000	7.300000
## 516487	1.0000000	0.000000	0.000000	5.800000
## 516627	1.0000000	7.080000	0.000000	35.380000
## 516875	1.0000000	4.660000	0.000000	27.960000
## 517097	1.0000000	15.000000	0.000000	35.800000
## 517118	1.0000000	2.000000	0.000000	14.800000
## 517594	1.0000000	3.150000	0.000000	18.950000
## 517733	1.0000000	0.000000	0.000000	7.300000
## 517832	1.0000000	0.000000	0.000000	4.800000
## 517930	1.0000000	0.000000	0.000000	7.800000
## 518164	1.0000000	0.000000	0.000000	9.300000
## 518455	1.0000000	0.000000	0.000000	6.300000
## 518806	1.0000000	1.700000	0.000000	8.500000
## 518862	1.0000000	2.760000	0.000000	16.560000
## 518986	1.0000000	0.000000	0.000000	7.300000
## 519431	1.0000000	0.000000	0.000000	8.800000
## 519746	1.0000000	0.000000	0.000000	18.300000
## 519806	1.0000000	0.000000	0.000000	7.300000
## 519970	1.0000000	2.000000	0.000000	15.300000
## 520212	1.0000000	0.000000	0.000000	13.300000
## 520393	1.0000000	0.000000	0.000000	7.300000
## 520568	1.0000000	0.000000	0.000000	9.300000
## 520950	1.0000000	2.000000	0.000000	12.300000
## 522020	1.0000000	0.000000	0.000000	19.800000
## 522400	1.0000000	4.000000	0.000000	9.800000
## 522594	1.0000000	2.000000	0.000000	9.800000
## 522830	1.0000000	0.000000	0.000000	16.300000
## 523025	1.0000000	0.000000	0.000000	5.800000
## 523124	1.0000000	3.560000	0.000000	21.360000
## 523148	1.0000000	0.000000	0.000000	12.800000
## 523168	1.0000000	0.000000	0.000000	7.300000
## 523355	1.0000000	0.000000	0.000000	6.300000
## 523359	1.0000000	0.000000	0.000000	13.300000
## 523833	1.0000000	0.000000	0.000000	35.300000
## 523856	1.0000000	0.000000	0.000000	11.300000
## 524164	1.0000000	1.850000	0.000000	11.150000
## 524176	0.0000000	0.000000	0.000000	11.500000
## 524245	1.0000000	0.000000	0.000000	6.300000
## 524348	1.0000000	0.000000	0.000000	15.300000
## 524398	1.0000000	2.750000	0.000000	12.050000
## 524714	1.0000000	0.000000	0.000000	9.300000
## 524750	1.0000000	0.000000	0.000000	7.300000
## 525189	1.0000000	0.000000	0.000000	9.300000
## 525316	1.0000000	1.000000	0.000000	7.800000
## 525713	1.0000000	0.000000	0.000000	7.800000
## 525884	1.0000000	0.000000	0.000000	6.800000
## 526231	1.0000000	0.000000	0.000000	6.800000
## 526418	1.0000000	0.000000	0.000000	15.300000
## 526443	1.0000000	1.460000	0.000000	8.760000
## 526614	1.0000000	0.000000	0.000000	6.800000
## 526971	1.0000000	3.000000	0.000000	22.300000
## 527179	1.0000000	0.000000	0.000000	44.800000
## 527230	1.0000000	1.760000	0.000000	10.560000
## 527372	1.0000000	0.000000	0.000000	9.300000
## 527531	1.0000000	0.000000	0.000000	6.300000

## 527564	1.0000000	4.080000	0.000000	20.380000
## 527614	1.0000000	3.050000	0.000000	18.350000
## 527772	1.0000000	0.000000	0.000000	4.800000
## 527892	1.0000000	0.000000	0.000000	12.300000
## 528373	1.0000000	0.000000	0.000000	10.800000
## 528454	1.0000000	3.000000	0.000000	37.300000
## 528914	1.0000000	0.000000	0.000000	16.300000
## 528960	1.0000000	5.060000	0.000000	30.360000
## 528992	1.0000000	4.960000	5.540000	24.800000
## 529338	1.0000000	2.040000	0.000000	8.840000
## 530073	1.0000000	1.200000	0.000000	12.000000
## 530124	1.0000000	0.000000	0.000000	15.800000
## 530273	1.0000000	3.880000	5.540000	29.720000
## 530924	1.0000000	3.000000	0.000000	33.800000
## 531145	1.0000000	1.650000	0.000000	9.950000
## 531379	1.0000000	0.000000	0.000000	4.800000
## 531718	1.0000000	0.000000	0.000000	5.800000
## 531787	1.0000000	1.460000	0.000000	8.760000
## 532591	1.0000000	0.000000	0.000000	6.800000
## 532828	1.0000000	2.960000	0.000000	17.760000
## 532939	1.0000000	0.000000	0.000000	10.800000
## 533273	1.0000000	1.000000	0.000000	9.800000
## 533383	1.0000000	4.250000	0.000000	18.550000
## 533628	1.0000000	0.000000	0.000000	5.800000
## 533695	1.0000000	0.000000	0.000000	6.800000
## 533955	1.0000000	0.000000	0.000000	11.300000
## 534379	1.0000000	0.000000	0.000000	7.800000
## 534397	0.0000000	13.000000	0.000000	78.000000
## 535291	1.0000000	4.860000	0.000000	29.160000
## 536821	1.0000000	1.660000	0.000000	9.960000
## 536838	1.0000000	1.760000	0.000000	10.560000
## 537041	1.0000000	0.000000	0.000000	19.300000
## 537398	1.0000000	0.000000	0.000000	11.300000
## 537467	1.0000000	5.700000	0.000000	28.500000
## 537795	0.0000000	0.000000	0.000000	0.000000
## 538183	1.0000000	0.000000	0.000000	9.300000
## 538223	1.0000000	0.000000	0.000000	10.800000
## 538552	1.0000000	0.000000	0.000000	5.800000
## 538880	1.0000000	0.000000	0.000000	9.800000
## 538897	1.0000000	5.670000	5.540000	34.010000
## 539044	1.0000000	0.000000	0.000000	10.800000
## 541016	1.0000000	8.080000	0.000000	40.380000
## 541345	1.0000000	1.950000	0.000000	11.750000
## 541375	1.0000000	0.000000	0.000000	7.300000
## 541379	1.0000000	0.000000	0.000000	5.300000
## 541588	1.0000000	0.000000	0.000000	14.300000
## 541759	1.0000000	5.200000	0.000000	27.000000
## 542218	0.0000000	0.000000	0.000000	17.000000
## 542520	1.0000000	1.660000	0.000000	9.960000
## 543116	1.0000000	0.000000	0.000000	9.800000
## 543224	1.0000000	0.000000	0.000000	8.800000
## 543300	1.0000000	3.000000	0.000000	13.300000
## 543641	1.0000000	0.000000	0.000000	8.800000
## 543744	1.0000000	0.000000	0.000000	5.300000
## 544650	1.0000000	0.000000	0.000000	5.300000
## 545222	1.0000000	1.000000	0.000000	8.800000
## 545788	1.0000000	0.000000	0.000000	5.800000
## 545809	1.0000000	0.000000	0.000000	14.800000
## 546215	1.0000000	0.000000	0.000000	10.800000
## 546235	1.0000000	0.000000	0.000000	15.300000
## 546277	1.0000000	0.000000	0.000000	4.800000
## 546316	1.0000000	0.000000	0.000000	8.800000
## 546462	1.0000000	0.000000	0.000000	16.300000
## 546580	1.0000000	0.000000	0.000000	9.800000

## 546613	1.0000000	0.000000	0.000000	16.300000
## 546665	1.0000000	0.000000	0.000000	13.800000
## 546944	1.0000000	1.200000	0.000000	11.000000
## 546981	1.0000000	0.000000	0.000000	13.800000
## 547714	1.0000000	0.000000	0.000000	6.800000
## 548075	1.0000000	4.200000	0.000000	21.000000
## 548092	1.0000000	0.000000	0.000000	8.800000
## 548172	1.0000000	0.000000	0.000000	9.300000
## 548209	1.0000000	0.000000	0.000000	20.800000
## 548227	1.0000000	0.000000	0.000000	9.300000
## 549733	1.0000000	5.050000	0.000000	30.350000
## 549934	1.0000000	0.000000	0.000000	11.300000
## 550026	1.0000000	2.460000	0.000000	14.760000
## 550252	1.0000000	0.000000	0.000000	8.800000
## 550390	1.0000000	0.000000	0.000000	10.800000
## 550500	1.0000000	2.260000	0.000000	13.560000
## 550752	1.0000000	0.000000	0.000000	8.800000
## 550873	1.0000000	3.080000	0.000000	15.380000
## 551326	1.0000000	1.200000	0.000000	10.000000
## 551813	1.0000000	0.000000	0.000000	15.800000
## 551887	1.0000000	9.390000	0.000000	40.690000
## 551915	1.0000000	0.000000	0.000000	7.300000
## 552044	1.0000000	0.000000	0.000000	8.800000
## 552142	1.0000000	0.000000	0.000000	36.800000
## 552240	1.0000000	0.000000	0.000000	9.300000
## 553402	1.0000000	0.000000	0.000000	8.300000
## 553545	1.0000000	2.580000	0.000000	12.880000
## 553719	1.0000000	0.000000	0.000000	8.800000
## 553969	1.0000000	0.000000	0.000000	12.800000
## 554310	1.0000000	1.740000	0.000000	7.540000
## 554763	1.0000000	0.000000	0.000000	25.300000
## 555857	1.0000000	1.000000	0.000000	9.800000
## 556072	1.0000000	1.760000	0.000000	10.560000
## 556294	1.0000000	0.000000	0.000000	10.800000
## 556517	1.0000000	0.000000	5.540000	18.840000
## 556554	1.0000000	1.860000	0.000000	11.160000
## 556713	1.0000000	1.660000	0.000000	9.960000
## 557094	1.0000000	1.860000	0.000000	11.160000
## 557177	1.0000000	1.950000	0.000000	9.750000
## 557195	1.0000000	0.000000	0.000000	6.300000
## 557435	1.0000000	0.000000	0.000000	11.300000
## 557455	1.0000000	2.940000	0.000000	12.740000
## 557581	1.0000000	4.590000	0.000000	19.890000
## 558132	1.0000000	0.000000	0.000000	7.300000
## 558425	1.0000000	3.260000	0.000000	19.560000
## 558448	1.0000000	2.160000	0.000000	12.960000
## 558587	1.0000000	0.000000	0.000000	7.300000
## 559115	1.0000000	1.460000	0.000000	8.760000
## 559575	1.0000000	4.860000	0.000000	29.160000
## 559954	1.0000000	1.760000	0.000000	10.560000
## 560000	1.0000000	0.000000	0.000000	8.800000
## 560280	1.0000000	0.000000	0.000000	6.300000
## 560426	1.0000000	0.000000	0.000000	5.800000
## 560457	1.0000000	0.000000	0.000000	25.800000
## 560469	1.0000000	0.000000	0.000000	17.300000
## 560742	1.0000000	1.560000	0.000000	9.360000
## 561149	1.0000000	0.000000	0.000000	7.300000
## 561629	1.0000000	0.000000	0.000000	7.800000
## 562127	1.0000000	2.450000	0.000000	12.250000
## 562414	1.0000000	1.800000	0.000000	12.600000
## 562651	1.0000000	3.000000	0.000000	11.300000
## 563221	1.0000000	0.000000	0.000000	10.300000
## 563536	1.0000000	0.000000	0.000000	9.300000
## 563575	1.0000000	0.000000	0.000000	6.800000

## 563711	1.0000000	0.000000	0.000000	7.300000
## 564024	1.0000000	0.000000	0.000000	8.300000
## 564272	1.0000000	1.360000	0.000000	8.160000
## 564345	1.0000000	0.000000	0.000000	11.800000
## 564368	1.0000000	1.760000	0.000000	10.560000
## 564588	0.0000000	0.000000	0.000000	15.000000
## 565363	1.0000000	1.460000	0.000000	8.760000
## 565901	1.0000000	3.000000	0.000000	14.300000
## 566003	1.0000000	0.000000	0.000000	21.800000
## 566306	1.0000000	1.200000	0.000000	19.000000
## 566479	1.0000000	2.790000	0.000000	12.090000
## 566525	1.0000000	0.000000	0.000000	10.800000
## 566600	0.0000000	0.000000	0.000000	25.000000
## 566697	1.0000000	0.000000	0.000000	6.800000
## 566770	1.0000000	0.000000	0.000000	7.300000
## 566837	1.0000000	0.000000	0.000000	5.800000
## 566885	1.0000000	0.000000	0.000000	8.300000
## 567482	1.0000000	0.000000	0.000000	5.800000
## 567581	1.0000000	2.260000	0.000000	13.560000
## 567995	1.0000000	2.450000	0.000000	12.250000
## 568230	1.0000000	2.080000	0.000000	10.380000
## 569553	1.0000000	0.000000	0.000000	19.800000
## 569603	1.0000000	1.560000	0.000000	9.360000
## 569776	1.0000000	0.000000	0.000000	8.800000
## 571115	1.0000000	3.000000	0.000000	28.800000
## 571420	1.0000000	0.960000	0.000000	5.760000
## 571541	0.0000000	0.000000	0.000000	70.000000
## 572302	1.0000000	1.960000	0.000000	11.760000
## 572748	1.0000000	1.200000	0.000000	6.000000
## 572800	1.0000000	0.000000	0.000000	25.800000
## 572987	1.0000000	2.650000	0.000000	15.950000
## 572996	1.0000000	2.050000	0.000000	12.350000
## 573287	1.0000000	0.000000	0.000000	10.800000
## 573324	1.0000000	0.000000	0.000000	6.300000
## 573634	1.0000000	1.000000	0.000000	6.800000
## 574412	1.0000000	3.360000	0.000000	20.160000
## 574431	1.0000000	8.070000	5.540000	48.410000
## 574625	1.0000000	0.800000	0.000000	9.100000
## 574777	1.0000000	1.000000	0.000000	14.300000
## 574978	1.0000000	4.260000	0.000000	25.560000
## 576366	1.0000000	0.000000	0.000000	5.300000
## 576641	1.0000000	0.000000	0.000000	11.800000
## 576763	1.0000000	0.000000	0.000000	12.800000
## 577159	1.0000000	2.940000	0.000000	12.740000
## 577184	1.0000000	4.660000	0.000000	27.960000
## 577367	1.0000000	0.000000	0.000000	7.300000
## 577629	1.0000000	4.000000	0.000000	38.800000
## 577638	1.0000000	7.960000	0.000000	47.760000
## 577767	1.0000000	1.550000	0.000000	9.350000
## 577829	1.0000000	0.000000	0.000000	7.800000
## 578196	0.0000000	0.000000	0.000000	0.000000
## 578398	1.0000000	0.000000	0.000000	6.300000
## 578616	1.0000000	0.000000	0.000000	10.800000
## 578860	1.0000000	0.000000	0.000000	16.800000
## 579168	1.0000000	0.000000	0.000000	13.800000
## 579470	1.0000000	1.200000	0.000000	6.000000
## 579661	1.0000000	4.000000	0.000000	27.800000
## 579977	1.0000000	0.000000	0.000000	12.800000
## 580156	1.0000000	0.000000	0.000000	6.800000
## 580329	1.0000000	0.000000	0.000000	5.800000
## 580516	1.0000000	1.890000	0.000000	8.190000
## 580968	1.0000000	0.000000	0.000000	4.300000
## 581210	1.0000000	3.000000	0.000000	19.800000
## 581230	1.0000000	0.000000	0.000000	10.300000

## 581325	1.0000000	3.690000	0.000000	15.990000
## 581667	1.0000000	2.660000	0.000000	15.960000
## 581992	1.0000000	0.000000	0.000000	13.800000
## 582195	1.0000000	0.000000	0.000000	5.800000
## 582624	1.0000000	0.000000	0.000000	15.300000
## 582734	1.0000000	0.000000	0.000000	11.300000
## 582889	1.0000000	0.000000	0.000000	5.300000
## 583222	1.0000000	0.000000	0.000000	9.300000
## 583307	1.0000000	4.460000	0.000000	26.760000
## 584561	1.0000000	0.000000	0.000000	7.300000
## 584617	1.0000000	0.000000	0.000000	9.300000
## 584844	1.0000000	0.000000	0.000000	6.300000
## 584880	1.0000000	2.340000	0.000000	10.140000
## 585123	1.0000000	0.000000	0.000000	24.800000
## 585268	1.0000000	2.000000	0.000000	17.300000
## 585482	1.0000000	5.260000	0.000000	31.560000
## 585542	1.0000000	0.000000	0.000000	22.800000
## 585548	1.0000000	7.100000	0.000000	54.400000
## 586015	1.0000000	0.000000	0.000000	8.300000
## 586456	1.0000000	5.960000	5.540000	29.800000
## 586698	1.0000000	1.540000	0.000000	11.840000
## 586886	1.0000000	0.000000	0.000000	9.800000
## 586899	1.0000000	0.000000	0.000000	13.300000
## 586982	1.0000000	0.000000	0.000000	6.300000
## 587549	1.0000000	8.360000	0.000000	50.160000
## 587912	1.0000000	0.000000	0.000000	28.300000
## 587916	1.0000000	0.000000	0.000000	7.800000
## 587962	1.0000000	0.000000	0.000000	6.300000
## 587989	1.0000000	1.550000	0.000000	7.850000
## 588536	1.0000000	0.000000	0.000000	5.800000
## 588988	1.0000000	0.000000	0.000000	5.300000
## 589244	1.0000000	0.000000	0.000000	7.300000
## 589502	1.0000000	1.860000	0.000000	11.160000
## 589562	1.0000000	2.450000	0.000000	12.250000
## 589776	1.0000000	0.000000	0.000000	23.800000
## 589998	1.0000000	2.950000	0.000000	17.750000
## 590200	1.0000000	0.000000	0.000000	6.800000
## 590314	1.0000000	2.450000	0.000000	14.750000
## 590705	1.0000000	0.000000	0.000000	6.300000
## 591076	1.0000000	0.000000	0.000000	14.300000
## 591474	1.0000000	0.000000	0.000000	13.800000
## 592404	1.0000000	4.460000	0.000000	26.760000
## 592562	1.0000000	2.000000	0.000000	15.800000
## 592565	1.0000000	0.000000	0.000000	17.800000
## 592570	1.0000000	4.200000	0.000000	21.000000
## 593055	0.0000000	0.000000	0.000000	0.000000
## 593604	1.0000000	0.000000	0.000000	7.300000
## 593840	1.0000000	0.000000	0.000000	13.800000
## 594230	1.0000000	0.000000	0.000000	16.300000
## 594715	1.0000000	1.160000	0.000000	6.960000
## 594958	1.0000000	2.000000	0.000000	9.800000
## 594991	1.0000000	0.000000	0.000000	11.800000
## 595174	1.0000000	0.000000	0.000000	36.800000
## 595440	1.0000000	10.560000	0.000000	63.360000
## 595824	1.0000000	3.050000	0.000000	18.350000
## 596061	1.0000000	0.000000	0.000000	10.800000
## 596151	1.0000000	1.000000	0.000000	8.800000
## 596216	1.0000000	0.000000	0.000000	8.300000
## 596809	1.0000000	4.450000	0.000000	22.250000
## 596816	1.0000000	0.000000	0.000000	6.800000
## 597325	1.0000000	1.660000	0.000000	9.960000
## 597346	1.0000000	0.000000	0.000000	15.300000
## 597977	1.0000000	0.010000	0.000000	9.310000
## 598138	1.0000000	0.000000	0.000000	19.300000

## 598663	1.0000000	6.080000	0.000000	30.380000
## 599624	1.0000000	1.000000	0.000000	6.800000
## 599687	1.0000000	0.000000	0.000000	10.800000
## 599927	1.0000000	0.000000	0.000000	9.800000
## 599991	1.0000000	0.000000	0.000000	9.800000
## 600558	1.0000000	0.000000	0.000000	29.800000
## 602451	1.0000000	1.000000	0.000000	11.300000
## 602470	1.0000000	2.300000	0.000000	11.600000
## 602607	1.0000000	0.000000	0.000000	10.800000
## 603008	1.0000000	0.000000	0.000000	5.300000
## 603025	1.0000000	0.000000	0.000000	5.300000
## 603264	1.0000000	0.000000	0.000000	52.800000
## 603269	1.0000000	0.000000	0.000000	7.800000
## 603496	0.9783548	0.000000	0.000000	6.033469
## 603515	1.0000000	0.000000	0.000000	12.300000
## 603538	1.0000000	1.460000	0.000000	8.760000
## 604311	1.0000000	0.000000	0.000000	8.300000
## 604976	1.0000000	0.000000	0.000000	10.800000
## 605166	1.0000000	10.000000	0.000000	30.800000
## 605212	1.0000000	5.160000	0.000000	30.960000
## 605289	1.0000000	1.950000	0.000000	9.750000
## 605561	1.0000000	2.350000	0.000000	14.150000
## 605582	1.0000000	1.550000	0.000000	9.350000
## 605793	1.0000000	2.000000	0.000000	35.800000
## 606197	1.0000000	1.460000	0.000000	8.760000
## 606675	1.0000000	0.000000	0.000000	8.300000
## 606690	1.0000000	4.760000	0.000000	28.560000
## 606968	0.0000000	0.000000	0.000000	11.000000
## 607334	1.0000000	2.060000	0.000000	12.360000
## 607845	1.0000000	2.740000	0.000000	21.040000
## 607977	1.0000000	3.760000	0.000000	22.560000
## 608111	1.0000000	0.000000	0.000000	6.800000
## 609072	1.0000000	0.000000	0.000000	15.300000
## 609228	1.0000000	0.000000	0.000000	10.300000
## 609372	1.0000000	3.460000	0.000000	20.760000
## 609901	1.0000000	3.160000	0.000000	18.960000
## 610014	1.0000000	2.960000	0.000000	17.760000
## 610286	1.0000000	0.000000	0.000000	6.800000
## 610733	1.0000000	0.000000	0.000000	11.300000
## 610774	1.0000000	2.300000	0.000000	11.600000
## 610785	1.0000000	2.000000	5.540000	34.840000
## 611396	1.0000000	2.080000	0.000000	10.380000
## 611601	1.0000000	0.000000	0.000000	11.800000
## 611645	1.0000000	0.000000	0.000000	6.300000
## 612262	1.0000000	2.060000	0.000000	12.360000
## 612548	1.0000000	0.000000	0.000000	10.300000
## 613997	1.0000000	0.000000	0.000000	3.800000
## 614157	1.0000000	0.000000	0.000000	5.800000
## 614346	1.0000000	0.000000	0.000000	5.300000
## 614456	1.0000000	1.660000	0.000000	9.960000
## 614495	1.0000000	1.060000	0.000000	6.360000
## 614692	1.0000000	0.000000	0.000000	6.300000
## 614782	1.0000000	0.000000	0.000000	5.300000
## 614868	1.0000000	0.000000	0.000000	9.800000
## 614987	1.0000000	0.000000	5.540000	53.840000
## 615512	1.0000000	0.000000	0.000000	6.800000
## 615884	1.0000000	1.260000	0.000000	7.560000
## 616361	1.0000000	0.000000	0.000000	34.800000
## 616385	0.0000000	2.000000	0.000000	10.500000
## 616444	1.0000000	0.000000	0.000000	12.300000
## 616672	1.0000000	3.000000	0.000000	25.800000
## 616734	1.0000000	3.160000	0.000000	18.960000
## 616742	1.0000000	0.000000	0.000000	10.800000
## 617123	1.0000000	1.860000	0.000000	11.160000

## 617509	1.0000000	4.660000	0.000000	27.960000
## 617540	1.0000000	1.360000	0.000000	8.160000
## 617701	1.0000000	0.000000	0.000000	6.800000
## 617813	1.0000000	0.000000	0.000000	6.800000
## 617852	1.0000000	1.360000	0.000000	8.160000
## 618842	1.0000000	3.000000	5.540000	26.340000
## 619104	1.0000000	0.000000	5.540000	20.840000
## 619148	1.0000000	0.000000	0.000000	9.800000
## 619451	1.0000000	0.000000	0.000000	6.300000
## 619603	1.0000000	0.000000	0.000000	9.800000
## 620416	1.0000000	2.160000	0.000000	12.960000
## 620763	1.0000000	0.000000	0.000000	7.800000
## 620864	1.0000000	0.000000	0.000000	9.300000
## 621049	1.0000000	3.860000	0.000000	23.160000
## 621552	1.0000000	0.000000	0.000000	9.800000
## 621702	1.0000000	0.010000	0.000000	10.310000
## 622525	1.0000000	1.360000	0.000000	8.160000
## 622825	1.0000000	0.000000	0.000000	6.300000
## 623920	1.0000000	5.660000	0.000000	33.960000
## 624066	1.0000000	0.000000	0.000000	13.300000
## 624225	1.0000000	0.000000	0.000000	19.300000
## 624239	1.0000000	1.000000	0.000000	35.800000
## 624700	1.0000000	3.560000	0.000000	21.360000
## 625051	0.0000000	0.000000	0.000000	4.500000
## 625182	1.0000000	0.000000	0.000000	5.800000
## 625415	1.0000000	1.950000	0.000000	9.750000
## 625894	1.0000000	0.000000	0.000000	17.300000
## 625975	1.0000000	0.000000	0.000000	9.800000
## 626024	1.0000000	0.000000	0.000000	9.300000
## 626127	0.0000000	0.000000	0.000000	10.000000
## 627132	1.0000000	0.000000	0.000000	7.300000
## 627804	1.0000000	0.000000	0.000000	8.300000
## 627907	1.0000000	0.000000	0.000000	6.800000
## 629069	1.0000000	0.000000	0.000000	5.800000
## 629548	1.0000000	1.200000	0.000000	10.000000
## 630058	1.0000000	0.000000	0.000000	85.300000
## 630566	1.0000000	0.000000	0.000000	6.300000
## 630773	1.0000000	0.000000	0.000000	23.800000
## 630936	1.0000000	0.700000	0.000000	7.000000
## 631008	1.0000000	0.000000	0.000000	8.300000
## 631026	1.0000000	0.000000	0.000000	10.300000
## 631076	1.0000000	0.000000	0.000000	8.300000
## 631427	1.0000000	1.000000	0.000000	10.800000
## 631429	0.0000000	0.000000	0.000000	8.000000
## 631724	1.0000000	0.000000	0.000000	16.300000
## 631967	1.0000000	0.000000	5.540000	30.840000
## 632266	1.0000000	2.050000	0.000000	12.350000
## 632758	1.0000000	0.000000	0.000000	7.800000
## 632839	1.0000000	7.080000	5.540000	35.420000
## 633077	1.0000000	0.000000	0.000000	5.800000
## 633177	1.0000000	0.000000	0.000000	6.800000
## 633248	1.0000000	0.000000	0.000000	7.300000
## 634070	0.0000000	0.000000	0.000000	14.000000
## 634364	1.0000000	3.150000	0.000000	18.950000
## 634613	1.0000000	0.000000	0.000000	6.300000
## 634631	1.0000000	1.360000	0.000000	8.160000
## 634694	1.0000000	0.000000	0.000000	7.800000
## 634711	1.0000000	1.860000	0.000000	11.160000
## 634718	1.0000000	0.000000	0.000000	6.800000
## 635189	1.0000000	4.360000	0.000000	26.160000
## 635934	1.0000000	0.000000	0.000000	10.800000
## 636049	1.0000000	0.000000	0.000000	14.800000
## 636073	1.0000000	4.700000	0.000000	23.500000
## 636241	1.0000000	0.000000	0.000000	48.300000

## 636666	1.0000000	0.960000	0.000000	5.760000
## 636744	1.0000000	0.200000	0.000000	14.500000
## 636821	1.0000000	1.160000	0.000000	6.960000
## 637178	1.0000000	0.000000	0.000000	12.800000
## 637288	1.0000000	0.000000	0.000000	6.800000
## 637593	1.0000000	0.000000	0.000000	11.800000
## 637696	1.0000000	0.000000	0.000000	4.300000
## 638125	1.0000000	3.860000	0.000000	23.160000
## 638145	1.0000000	1.700000	0.000000	10.000000
## 638320	1.0000000	0.000000	0.000000	14.800000
## 638474	1.0000000	2.580000	0.000000	12.880000
## 638741	1.0000000	5.934373	0.000000	64.246655
## 638771	1.0000000	2.200000	0.000000	11.000000
## 638942	1.0000000	6.750000	0.000000	40.550000
## 639208	1.0000000	0.000000	0.000000	10.300000
## 639241	1.0000000	0.000000	0.000000	6.800000
## 639375	1.0000000	24.658497	0.000000	44.300000
## 639401	1.0000000	0.000000	0.000000	9.300000
## 639651	1.0000000	3.000000	0.000000	20.800000
## 639776	1.0000000	0.000000	0.000000	13.800000
## 639949	1.0000000	0.000000	0.000000	10.800000
## 640035	1.0000000	0.000000	0.000000	6.300000
## 640038	1.0000000	2.860000	0.000000	17.160000
## 640183	1.0000000	1.960000	0.000000	11.760000
## 640356	1.0000000	0.000000	0.000000	6.800000
## 640765	1.0000000	2.450000	0.000000	12.250000
## 640848	1.0000000	4.060000	0.000000	24.360000
## 640868	1.0000000	0.000000	0.000000	10.300000
## 641021	1.0000000	0.000000	0.000000	5.800000
## 641195	1.0000000	4.660000	0.000000	27.960000
## 641207	1.0000000	3.960000	0.000000	23.760000
## 641331	1.0000000	0.000000	0.000000	16.300000
## 641694	1.0000000	2.900000	0.000000	12.700000
## 641707	1.0000000	3.250000	0.000000	19.550000
## 643085	1.0000000	0.000000	0.000000	7.300000
## 643523	1.0000000	2.190000	0.000000	9.490000
## 643633	0.0000000	12.500000	0.000000	62.500000
## 643708	0.0000000	0.000000	0.000000	5.000000
## 643713	1.0000000	2.560000	0.000000	15.360000
## 643821	1.0000000	0.000000	0.000000	7.800000
## 644378	1.0000000	0.000000	0.000000	10.300000
## 644591	1.0000000	2.660000	0.000000	15.960000
## 644898	1.0000000	0.000000	0.000000	14.300000
## 645237	1.0000000	6.200000	0.000000	31.000000
## 645726	1.0000000	0.000000	0.000000	7.800000
## 645783	1.0000000	0.000000	0.000000	10.300000
## 645956	1.0000000	0.000000	0.000000	10.300000
## 646242	1.0000000	4.860000	0.000000	29.160000
## 647050	1.0000000	0.000000	0.000000	13.800000
## 647332	1.0000000	0.000000	0.000000	5.800000
## 647495	1.0000000	3.260000	0.000000	19.560000
## 647556	1.0000000	1.860000	0.000000	11.160000
## 647630	1.0000000	0.000000	0.000000	7.300000
## 647729	1.0000000	0.000000	0.000000	8.300000
## 647797	1.0000000	0.000000	0.000000	10.800000
## 648406	1.0000000	5.000000	0.000000	17.300000
## 648524	1.0000000	0.000000	0.000000	6.800000
## 648848	1.0000000	0.000000	0.000000	6.300000
## 649500	1.0000000	1.000000	0.000000	6.800000
## 649582	1.0000000	0.000000	0.000000	6.800000
## 649612	1.0000000	1.560000	0.000000	9.360000
## 649799	1.0000000	1.000000	0.000000	8.300000
## 650001	1.0000000	2.580000	0.000000	12.880000
## 650834	1.0000000	6.450000	0.000000	32.250000

## 651452	1.0000000	0.000000	0.000000	10.800000
## 651567	1.0000000	1.200000	0.000000	6.000000
## 651604	1.0000000	0.000000	0.000000	8.800000
## 651764	1.0000000	0.000000	0.000000	4.800000
## 652043	1.0000000	1.060000	0.000000	6.360000
## 652425	1.0000000	0.000000	0.000000	5.800000
## 652570	1.0000000	0.000000	0.000000	11.800000
## 653092	1.0000000	4.140000	0.000000	17.940000
## 653752	1.0000000	0.000000	0.000000	25.800000
## 653989	1.0000000	2.050000	0.000000	12.350000
## 654817	1.0000000	1.160000	0.000000	6.960000
## 655089	1.0000000	2.160000	0.000000	12.960000
## 655642	1.0000000	0.000000	0.000000	4.800000
## 655790	1.0000000	2.000000	0.000000	16.800000
## 656036	1.0000000	0.000000	0.000000	30.800000
## 656609	1.0000000	0.000000	0.000000	8.800000
## 657151	1.0000000	2.500000	0.000000	27.800000
## 657520	1.0000000	2.950000	0.000000	14.750000
## 657559	1.0000000	0.000000	0.000000	5.800000
## 657878	1.0000000	0.000000	0.000000	9.800000
## 658680	0.0000000	2.790000	0.000000	12.090000
## 658762	1.0000000	1.360000	0.000000	8.160000
## 658870	1.0000000	0.000000	0.000000	6.800000
## 659204	1.0000000	0.000000	0.000000	13.300000
## 659601	1.0000000	0.000000	0.000000	22.800000
## 661326	1.0000000	0.000000	0.000000	6.800000
## 661653	1.0000000	0.000000	0.000000	10.300000
## 661990	1.0000000	1.320000	0.000000	6.620000
## 662023	1.0000000	0.000000	0.000000	19.300000
## 662322	1.0000000	2.040000	0.000000	8.840000
## 662987	1.0000000	0.000000	0.000000	8.800000
## 663381	0.0000000	11.000000	0.000000	66.000000
## 663406	1.0000000	0.000000	0.000000	5.300000
## 663933	1.0000000	4.960000	0.000000	29.760000
## 664024	1.0000000	2.000000	0.000000	15.800000
## 664121	1.0000000	3.000000	0.000000	31.800000
## 664217	1.0000000	4.000000	0.000000	21.300000
## 664455	1.0000000	0.000000	0.000000	22.800000
## 664988	1.0000000	1.160000	0.000000	6.960000
## 665020	1.0000000	0.000000	0.000000	6.800000
## 665747	1.0000000	1.200000	0.000000	12.000000
## 665953	1.0000000	2.550000	0.000000	12.850000
## 666143	1.0000000	0.000000	0.000000	21.800000
## 666184	1.0000000	0.000000	0.000000	5.800000
## 666537	1.0000000	0.000000	0.000000	9.300000
## 666958	1.0000000	1.450000	0.000000	7.250000
## 666967	1.0000000	1.160000	0.000000	6.960000
## 667037	1.0000000	0.000000	0.000000	7.800000
## 667050	1.0000000	0.960000	0.000000	20.260000
## 667230	1.0000000	2.360000	0.000000	14.160000
## 667381	1.0000000	0.000000	0.000000	9.300000
## 667677	1.0000000	2.000000	0.000000	12.300000
## 667818	1.0000000	0.000000	0.000000	5.800000
## 667920	1.0000000	0.000000	0.000000	7.800000
## 668379	1.0000000	2.750000	0.000000	16.550000
## 668771	1.0000000	1.000000	0.000000	7.800000
## 669079	1.0000000	0.000000	0.000000	10.300000
## 669391	1.0000000	0.000000	0.000000	3.300000
## 669440	1.0000000	0.000000	0.000000	5.300000
## 669473	1.0000000	0.000000	0.000000	8.800000
## 669757	1.0000000	2.080000	0.000000	10.380000
## 669765	1.0000000	1.000000	0.000000	7.800000
## 669771	1.0000000	0.000000	0.000000	11.300000
## 669911	1.0000000	0.000000	0.000000	7.300000

## 670147	1.0000000	1.760000	0.000000	10.560000
## 670163	0.0000000	0.000000	0.000000	12.000000
## 670926	1.0000000	0.000000	0.000000	47.300000
## 671069	1.0000000	0.000000	0.000000	11.300000
## 671208	1.0000000	0.000000	0.000000	7.800000
## 671248	1.0000000	1.150000	0.000000	6.950000
## 671364	1.0000000	0.000000	0.000000	4.800000
## 672743	1.0000000	0.000000	0.000000	26.300000
## 673168	1.0000000	0.000000	0.000000	4.300000
## 673465	1.0000000	0.000000	0.000000	6.800000
## 673790	1.0000000	0.000000	0.000000	6.300000
## 673854	1.0000000	1.160000	0.000000	6.960000
## 674302	1.0000000	2.000000	0.000000	8.300000
## 674395	1.0000000	1.820000	0.000000	9.120000
## 674446	1.0000000	0.000000	0.000000	7.800000
## 674979	1.0000000	1.250000	0.000000	7.550000
## 675172	1.0000000	0.000000	5.540000	29.840000
## 675247	1.0000000	0.000000	0.000000	3.800000
## 675472	1.0000000	0.000000	0.000000	8.800000
## 675541	1.0000000	0.000000	0.000000	10.800000
## 675568	1.0000000	0.000000	0.000000	18.300000
## 675741	1.0000000	0.000000	0.000000	7.800000
## 675940	1.0000000	0.000000	0.000000	4.800000
## 676011	1.0000000	10.170000	5.540000	61.010000
## 676369	1.0000000	0.000000	0.000000	7.800000
## 676394	1.0000000	0.000000	0.000000	9.300000
## 676631	1.0000000	2.950000	0.000000	17.750000
## 677072	1.0000000	3.090000	0.000000	13.390000
## 677293	1.0000000	0.000000	0.000000	9.300000
## 677465	1.0000000	0.000000	0.000000	23.300000
## 677537	1.0000000	0.000000	0.000000	8.300000
## 677850	1.0000000	1.000000	0.000000	7.300000
## 677949	1.0000000	0.000000	0.000000	8.300000
## 678403	1.0000000	0.000000	0.000000	9.800000
## 679715	1.0000000	4.290000	0.000000	18.590000
## 680308	1.0000000	0.000000	0.000000	26.800000
## 680379	1.0000000	0.000000	0.000000	9.800000
## 680500	1.0000000	0.000000	0.000000	8.300000
## 680995	1.0000000	0.000000	0.000000	7.300000
## 681383	1.0000000	3.000000	0.000000	11.300000
## 681391	1.0000000	0.000000	0.000000	8.300000
## 681449	1.0000000	1.860000	0.000000	11.160000
## 682010	1.0000000	0.000000	0.000000	20.800000
## 682058	1.0000000	0.000000	0.000000	6.800000
## 682136	1.0000000	0.000000	0.000000	5.300000
## 682180	1.0000000	1.760000	0.000000	10.560000
## 682319	1.0000000	0.000000	0.000000	7.800000
## 682685	1.0000000	0.000000	0.000000	9.800000
## 682759	0.0000000	0.000000	0.000000	12.000000
## 683259	1.0000000	2.000000	0.000000	14.800000
## 683467	1.0000000	0.000000	0.000000	9.800000
## 683717	1.0000000	0.000000	0.000000	13.800000
## 684163	1.0000000	2.760000	0.000000	16.560000
## 684353	1.0000000	0.000000	0.000000	8.800000
## 684463	1.0000000	2.000000	0.000000	16.300000
## 684638	1.0000000	0.000000	0.000000	6.800000
## 685052	1.0000000	0.000000	0.000000	9.800000
## 686007	1.0000000	3.650000	0.000000	15.950000
## 686199	1.0000000	2.150000	0.000000	12.950000
## 686301	1.0000000	0.000000	0.000000	7.800000
## 686434	1.0000000	0.000000	0.000000	12.300000
## 686454	1.0000000	0.000000	0.000000	10.300000
## 686747	1.0000000	0.000000	0.000000	7.800000
## 687210	1.0000000	2.000000	0.000000	10.300000

## 687539	1.0000000	1.000000	0.000000	7.800000
## 689007	1.0000000	0.000000	0.000000	20.300000
## 689232	1.0000000	0.000000	0.000000	18.300000
## 689859	1.0000000	0.000000	0.000000	9.300000
## 690010	1.0000000	2.060000	0.000000	12.360000
## 690105	1.0000000	0.000000	0.000000	5.300000
## 690416	1.0000000	0.000000	0.000000	8.300000
## 690619	1.0000000	0.000000	0.000000	8.300000
## 690735	1.0000000	0.000000	0.000000	9.800000
## 691755	1.0000000	0.000000	0.000000	7.800000
## 692143	1.0000000	8.080000	0.000000	40.380000
## 692580	1.0000000	2.000000	0.000000	11.300000
## 692921	1.0000000	2.150000	0.000000	12.950000
## 692954	1.0000000	3.000000	0.000000	20.800000
## 693235	1.0000000	2.250000	0.000000	13.550000
## 693332	1.0000000	0.000000	0.000000	14.800000
## 694162	1.0000000	0.000000	0.000000	6.300000
## 694657	1.0000000	0.000000	0.000000	10.300000
## 695128	1.0000000	1.460000	0.000000	8.760000
## 695384	1.0000000	0.000000	0.000000	14.800000
## 695443	1.0000000	2.060000	0.000000	12.360000
## 695662	1.0000000	1.000000	0.000000	6.300000
## 695802	1.0000000	0.000000	0.000000	14.300000
## 695924	1.0000000	2.000000	0.000000	15.300000
## 696377	1.0000000	1.850000	0.000000	11.150000
## 697015	1.0000000	0.000000	0.000000	7.300000
## 697335	1.0000000	2.340000	0.000000	10.140000
## 697475	1.0000000	1.000000	0.000000	7.800000
## 697716	1.0000000	1.360000	0.000000	8.160000
## 697884	1.0000000	0.700000	0.000000	7.000000
## 698312	1.0000000	0.000000	0.000000	4.300000
## 698533	1.0000000	0.000000	0.000000	8.300000
## 698621	1.0000000	0.000000	0.000000	17.300000
## 698637	1.0000000	0.000000	0.000000	10.800000
## 698874	1.0000000	1.060000	0.000000	6.360000
## 698932	1.0000000	1.760000	0.000000	10.560000
## 698951	1.0000000	1.460000	0.000000	8.760000
## 699196	1.0000000	0.000000	0.000000	7.800000
## 699224	1.0000000	0.000000	0.000000	17.800000
## 699600	1.0000000	0.000000	0.000000	15.800000
## 699752	1.0000000	1.000000	0.000000	9.800000
## 699834	0.0000000	0.000000	0.000000	10.000000
## 700174	1.0000000	0.000000	0.000000	13.800000
## 700360	1.0000000	2.370000	0.000000	18.170000
## 700378	1.0000000	1.000000	0.000000	8.300000
## 700389	1.0000000	2.850000	0.000000	17.150000
## 700584	1.0000000	1.450000	0.000000	7.250000
## 700634	1.0000000	0.000000	0.000000	5.800000
## 701716	0.0000000	0.000000	0.000000	10.000000
## 701808	1.0000000	1.360000	0.000000	8.160000
## 701968	1.0000000	2.040000	0.000000	8.840000
## 701971	1.0000000	0.000000	0.000000	15.800000
## 702140	1.0000000	0.000000	0.000000	7.300000
## 702300	1.0000000	0.000000	0.000000	3.800000
## 702520	1.0000000	0.000000	0.000000	20.800000
## 703628	1.0000000	1.000000	0.000000	25.800000
## 703638	1.0000000	2.300000	0.000000	11.600000
## 704055	1.0000000	0.000000	0.000000	14.800000
## 704060	1.0000000	0.000000	0.000000	11.300000
## 705353	1.0000000	2.000000	0.000000	22.300000
## 705458	1.0000000	1.660000	0.000000	9.960000
## 705495	1.0000000	0.000000	0.000000	11.300000
## 705976	0.9600290	0.000000	0.000000	6.055349
## 706112	1.0000000	0.000000	0.000000	11.800000

## 706187	1.0000000	0.000000	0.000000	10.300000
## 706315	1.0000000	0.000000	0.000000	15.300000
## 706364	1.0000000	2.000000	5.540000	21.840000
## 706411	1.0000000	3.320000	0.000000	16.620000
## 707040	1.0000000	1.000000	0.000000	9.800000
## 707135	0.0000000	0.000000	0.000000	60.000000
## 707575	1.0000000	3.350000	0.000000	20.150000
## 707839	1.0000000	1.960000	0.000000	11.760000
## 707870	0.0000000	0.000000	0.000000	35.000000
## 707973	1.0000000	0.000000	0.000000	8.300000
## 709116	1.0000000	0.000000	0.000000	13.300000
## 709703	1.0000000	0.000000	0.000000	9.800000
## 710041	1.0000000	0.000000	5.540000	52.340000
## 710421	1.0000000	2.960000	0.000000	17.760000
## 711092	1.0000000	0.000000	0.000000	13.300000
## 712145	1.0000000	2.260000	0.000000	13.560000
## 712298	1.0000000	4.950000	0.000000	24.750000
## 712819	1.0000000	0.000000	0.000000	6.800000
## 713022	1.0000000	0.000000	0.000000	9.300000
## 713213	1.0000000	1.760000	0.000000	10.560000
## 713662	1.0000000	0.000000	0.000000	8.300000
## 713869	1.0000000	0.000000	0.000000	8.300000
## 714560	1.0000000	3.050000	0.000000	18.350000
## 714641	1.0000000	1.650000	0.000000	9.950000
## 715593	1.0000000	0.000000	0.000000	10.800000
## 715698	1.0000000	0.000000	0.000000	11.800000
## 716139	1.0000000	0.000000	0.000000	6.300000
## 716369	1.0000000	0.000000	0.000000	22.800000
## 716534	1.0000000	1.660000	0.000000	9.960000
## 716725	1.0000000	0.000000	0.000000	6.800000
## 716747	1.0000000	3.000000	0.000000	9.300000
## 717188	1.0000000	0.000000	0.000000	36.800000
## 717202	1.0000000	0.000000	0.000000	7.800000
## 717234	1.0000000	0.000000	0.000000	13.800000
## 717417	1.0000000	0.000000	0.000000	6.300000
## 717623	1.0000000	2.960000	0.000000	17.760000
## 717644	1.0000000	0.000000	0.000000	19.300000
## 717752	1.0000000	6.860000	0.000000	41.160000
## 717883	1.0000000	0.000000	0.000000	30.300000
## 718242	0.0000000	0.000000	0.000000	25.000000
## 718337	1.0000000	0.000000	0.000000	35.300000
## 718945	1.0000000	0.000000	0.000000	10.800000
## 718958	1.0000000	0.000000	0.000000	8.300000
## 719052	1.0000000	0.000000	0.000000	10.300000
## 719517	1.0000000	0.000000	0.000000	5.800000
## 720887	1.0000000	1.000000	0.000000	5.800000
## 720937	1.0000000	0.000000	0.000000	7.800000
## 721395	1.0000000	0.000000	0.000000	11.300000
## 721396	1.0000000	0.000000	0.000000	8.800000
## 721425	1.0000000	0.000000	0.000000	6.800000
## 721565	1.0000000	0.000000	0.000000	5.800000
## 721609	1.0000000	5.200000	0.000000	10.000000
## 721687	1.0000000	4.360000	0.000000	26.160000
## 721856	0.0000000	3.000000	0.000000	13.000000
## 722282	1.0000000	0.000000	0.000000	8.800000
## 722561	1.0000000	0.000000	0.000000	8.300000
## 722580	1.0000000	6.070000	5.540000	36.410000
## 723687	1.0000000	0.000000	0.000000	11.300000
## 724542	1.0000000	0.000000	0.000000	6.800000
## 725267	0.0000000	0.000000	0.000000	11.000000
## 725321	1.0000000	0.000000	0.000000	13.300000
## 725405	1.0000000	1.860000	0.000000	11.160000
## 726315	1.0000000	0.000000	0.000000	8.800000
## 726445	1.0000000	1.060000	0.000000	6.360000

## 726461	1.0000000	0.000000	0.000000	10.800000
## 726495	1.0000000	3.060000	0.000000	18.360000
## 726599	1.0000000	0.000000	0.000000	7.300000
## 726808	1.0000000	0.000000	5.540000	19.340000
## 727024	1.0000000	0.000000	0.000000	11.800000
## 727189	1.0000000	0.000000	0.000000	9.800000
## 727489	1.0000000	0.000000	0.000000	18.800000
## 728008	1.0000000	5.950000	0.000000	29.750000
## 728068	1.0000000	0.000000	0.000000	25.300000
## 728420	1.0000000	1.160000	0.000000	6.960000
## 728568	1.0000000	0.000000	0.000000	9.800000
## 729228	1.0000000	1.950000	0.000000	9.750000
## 729278	1.0000000	2.950000	0.000000	14.750000
## 729651	1.0000000	2.850000	0.000000	17.150000
## 730250	1.0000000	1.760000	0.000000	10.560000
## 731263	1.0000000	0.000000	0.000000	17.800000
## 731868	1.0000000	0.000000	0.000000	5.800000
## 731885	1.0000000	1.590000	0.000000	6.890000
## 732936	1.0000000	2.700000	0.000000	14.000000
## 733468	1.0000000	2.300000	0.000000	11.600000
## 733947	1.0000000	0.000000	0.000000	17.300000
## 734140	1.0000000	1.860000	0.000000	11.160000
## 734549	1.0000000	3.500000	0.000000	21.800000
## 734733	1.0000000	0.000000	0.000000	21.800000
## 734792	0.0000000	4.000000	0.000000	24.000000
## 734964	1.0000000	0.000000	0.000000	6.800000
## 735243	1.0000000	0.000000	0.000000	9.300000
## 735244	1.0000000	5.000000	0.000000	40.300000
## 735349	1.0000000	0.000000	0.000000	15.800000
## 735456	1.0000000	0.000000	0.000000	3.300000
## 735954	1.0000000	0.000000	0.000000	10.300000
## 736055	1.0000000	1.960000	0.000000	11.760000
## 736522	1.0000000	0.000000	0.000000	7.300000
## 737002	1.0000000	1.320000	0.000000	10.120000
## 737845	1.0000000	2.600000	0.000000	11.400000
## 737878	1.0000000	0.000000	0.000000	8.800000
## 737956	1.0000000	0.000000	0.000000	13.800000
## 737966	1.0000000	0.000000	0.000000	15.800000
## 738483	1.0000000	1.960000	0.000000	11.760000
## 739314	1.0000000	0.000000	0.000000	10.800000
## 739481	0.0000000	5.000000	0.000000	45.000000
## 739484	1.0000000	3.000000	0.000000	24.300000
## 739798	1.0000000	0.000000	0.000000	16.800000
## 740236	1.0000000	0.000000	0.000000	7.300000
## 740535	1.0000000	0.000000	0.000000	5.300000
## 741227	1.0000000	0.000000	0.000000	14.800000
## 741269	1.0000000	0.000000	0.000000	7.300000
## 741450	1.0000000	0.000000	0.000000	13.300000
## 741738	1.0000000	4.360000	0.000000	26.160000
## 741937	1.0000000	0.000000	0.000000	8.300000
## 742073	1.0000000	0.000000	0.000000	10.300000
## 742085	1.0000000	0.000000	0.000000	18.300000
## 742262	1.0000000	0.000000	0.000000	8.800000
## 742751	1.0000000	1.950000	0.000000	11.750000
## 742755	1.0000000	1.700000	0.000000	18.000000
## 742872	1.0000000	1.250000	0.000000	7.550000
## 742885	1.0000000	1.000000	0.000000	9.800000
## 742909	0.0000000	0.000000	0.000000	0.000000
## 743195	1.0000000	1.660000	0.000000	9.960000
## 743618	1.0000000	0.000000	0.000000	25.300000
## 743628	1.0000000	0.000000	0.000000	11.800000
## 743849	1.0000000	0.000000	0.000000	8.300000
## 743972	1.0000000	0.000000	0.000000	13.300000
## 744070	1.0000000	0.000000	0.000000	5.800000

## 744367	1.0000000	2.960000	0.000000	17.760000
## 744387	1.0000000	3.260000	0.000000	19.560000
## 744417	1.0000000	0.000000	0.000000	20.800000
## 745003	1.0000000	0.000000	0.000000	13.800000
## 745266	1.0000000	0.000000	0.000000	9.800000
## 745543	1.0000000	3.650000	0.000000	15.950000
## 745669	1.0000000	1.150000	0.000000	6.950000
## 745760	1.0000000	0.000000	0.000000	8.800000
## 745950	1.0000000	0.000000	0.000000	13.300000
## 746017	1.0000000	3.950000	0.000000	23.750000
## 746106	1.0000000	0.000000	0.000000	17.300000
## 746217	1.0000000	1.060000	0.000000	6.360000
## 746286	1.0000000	0.000000	0.000000	5.800000
## 746625	1.0000000	0.000000	0.000000	15.300000
## 747197	1.0000000	0.000000	0.000000	9.300000
## 747568	1.0000000	0.000000	0.000000	11.800000
## 747607	1.0000000	3.660000	0.000000	21.960000
## 747785	1.0000000	2.200000	0.000000	11.000000
## 748219	1.0000000	1.500000	0.000000	12.300000
## 748942	1.0000000	2.850000	0.000000	17.150000
## 748986	1.0000000	2.750000	0.000000	12.050000
## 749235	1.0000000	0.100000	0.000000	16.400000
## 749445	1.0000000	1.450000	0.000000	7.250000
## 749457	1.0000000	1.660000	0.000000	9.960000
## 749504	1.0000000	0.000000	0.000000	6.800000
## 749543	1.0000000	0.000000	0.000000	5.300000
## 749604	1.0000000	2.790000	0.000000	12.090000
## 750001	1.0000000	1.160000	0.000000	6.960000
## 750095	1.0000000	0.000000	0.000000	10.800000
## 750137	1.0000000	2.660000	0.000000	15.960000
## 750378	1.0000000	0.000000	0.000000	16.300000
## 750494	1.0000000	0.000000	0.000000	5.800000
## 750702	1.0000000	2.560000	0.000000	15.360000
## 750909	1.0000000	0.000000	0.000000	7.800000
## 750912	1.0000000	8.320000	0.000000	41.620000
## 751061	1.0000000	4.140000	0.000000	17.940000
## 751253	1.0000000	0.000000	0.000000	14.300000
## 751452	1.0000000	0.000000	0.000000	15.300000
## 751679	1.0000000	2.000000	0.000000	21.800000
## 751791	1.0000000	2.500000	0.000000	19.800000
## 751824	1.0000000	12.000000	0.000000	24.800000
## 752107	1.0000000	1.000000	0.000000	13.300000
## 752648	1.0000000	0.000000	0.000000	17.800000
## 752981	1.0000000	2.260000	0.000000	13.560000
## 753301	1.0000000	0.000000	0.000000	5.800000
## 753383	1.0000000	0.000000	0.000000	5.300000
## 753577	1.0000000	0.000000	0.000000	8.800000
## 753857	1.0000000	0.000000	0.000000	16.800000
## 753894	1.0000000	2.200000	0.000000	20.000000
## 753952	1.0000000	1.860000	0.000000	11.160000
## 753998	1.0000000	0.000000	0.000000	7.800000
## 754121	1.0000000	0.000000	0.000000	6.800000
## 754132	1.0000000	2.760000	0.000000	16.560000
## 754359	1.0000000	0.000000	0.000000	9.300000
## 754943	1.0000000	3.960000	0.000000	23.760000
## 755140	1.0000000	2.260000	0.000000	13.560000
## 755607	1.0000000	0.000000	0.000000	5.300000
## 755645	1.0000000	0.000000	0.000000	14.800000
## 755946	1.0000000	0.000000	0.000000	5.800000
## 755970	1.0000000	0.000000	0.000000	10.800000
## 756115	1.0000000	0.000000	0.000000	5.800000
## 756872	1.0000000	2.260000	0.000000	13.560000
## 756906	1.0000000	2.260000	0.000000	13.560000
## 757118	1.0000000	0.000000	0.000000	6.300000

## 757878	1.0000000	0.000000	0.000000	7.800000
## 757934	1.0000000	0.000000	0.000000	9.800000
## 758008	1.0000000	0.000000	0.000000	10.800000
## 758134	1.0000000	2.200000	0.000000	10.000000
## 758161	0.0000000	5.000000	0.000000	33.900000
## 758309	1.0000000	2.360000	0.000000	14.160000
## 758398	1.0000000	0.000000	0.000000	6.300000
## 758540	1.0000000	4.760000	0.000000	28.560000
## 759410	0.0000000	0.000000	0.000000	10.000000
## 759526	1.0000000	0.000000	0.000000	7.300000
## 759631	1.0000000	0.000000	0.000000	4.800000
## 760340	1.0000000	0.000000	0.000000	6.300000
## 760628	1.0000000	0.000000	0.000000	6.800000
## 760918	1.0000000	0.000000	0.000000	10.300000
## 761046	1.0000000	1.460000	0.000000	8.760000
## 761520	1.0000000	6.000000	0.000000	36.300000
## 761528	1.0000000	0.000000	0.000000	5.800000
## 761651	1.0000000	2.060000	0.000000	12.360000
## 761749	1.0000000	0.000000	0.000000	6.800000
## 761756	1.0000000	0.000000	0.000000	7.800000
## 762488	1.0000000	0.000000	0.000000	19.300000
## 762587	1.0000000	0.000000	0.000000	26.300000
## 762802	1.0000000	2.950000	0.000000	17.750000
## 763206	1.0000000	0.700000	0.000000	21.000000
## 763435	1.0000000	1.350000	0.000000	8.150000
## 763789	1.0000000	1.260000	0.000000	7.560000
## 763973	1.0000000	2.660000	0.000000	15.960000
## 764183	1.0000000	1.250000	0.000000	8.550000
## 764411	1.0000000	0.000000	0.000000	8.300000
## 765109	1.0000000	0.000000	0.000000	25.300000
## 765142	1.0000000	8.960000	0.000000	53.760000
## 765358	1.0000000	1.260000	0.000000	7.560000
## 766354	1.0000000	0.000000	0.000000	21.300000
## 766864	1.0000000	0.000000	0.000000	27.300000
## 767789	1.0000000	0.000000	0.000000	13.300000
## 768030	1.0000000	2.190000	0.000000	9.490000
## 769250	1.0000000	1.760000	0.000000	10.560000
## 769643	1.0000000	0.000000	0.000000	12.300000
## 769739	1.0000000	2.000000	0.000000	17.300000
## 769746	1.0000000	4.760000	0.000000	28.560000
## 770087	1.0000000	3.960000	0.000000	23.760000
## 770204	1.0000000	0.000000	0.000000	14.800000
## 770627	1.0000000	2.000000	0.000000	9.300000
## 770659	1.0000000	2.000000	0.000000	16.800000
## 771081	1.0000000	2.190000	0.000000	9.490000
## 771592	1.0000000	0.000000	0.000000	5.800000
## 771671	1.0000000	0.000000	0.000000	10.800000
## 772092	1.0000000	2.000000	0.000000	25.300000
## 772234	1.0000000	0.000000	0.000000	15.800000
## 772709	1.0000000	2.360000	0.000000	14.160000
## 772820	1.0000000	0.000000	0.000000	19.800000
## 772821	1.0000000	1.360000	0.000000	8.160000
## 773015	1.0000000	0.000000	0.000000	5.800000
## 773208	1.0000000	1.560000	0.000000	9.360000
## 773593	1.0000000	0.000000	0.000000	6.800000
## 773995	1.0000000	0.000000	0.000000	13.300000
## 774410	1.0000000	0.000000	0.000000	7.300000
## 774574	1.0000000	4.050000	0.000000	24.350000
## 774660	1.0000000	0.000000	0.000000	21.800000
## 774887	1.0000000	2.350000	0.000000	14.150000
## 774927	1.0000000	0.000000	0.000000	16.300000
## 775054	1.0000000	1.700000	0.000000	7.500000
## 775079	1.0000000	0.000000	0.000000	5.300000
## 775457	1.0000000	1.760000	0.000000	10.560000

## 775627	1.0000000	0.000000	0.000000	17.300000
## 775950	1.0000000	0.000000	0.000000	5.300000
## 776111	1.0000000	2.450000	0.000000	12.250000
## 776657	1.0000000	0.000000	0.000000	23.800000
## 776947	1.0000000	3.160000	0.000000	18.960000
## 776966	1.0000000	0.000000	0.000000	6.300000
## 777973	1.0000000	0.000000	0.000000	29.800000
## 779096	1.0000000	3.160000	0.000000	18.960000
## 779955	1.0000000	0.000000	0.000000	6.300000
## 780410	1.0000000	3.450000	0.000000	17.250000
## 780591	1.0000000	1.000000	0.000000	8.300000
## 780937	1.0000000	0.000000	0.000000	9.300000
## 781994	1.0000000	1.590000	0.000000	6.890000
## 782022	1.0000000	2.190000	0.000000	9.490000
## 782706	1.0000000	3.160000	0.000000	18.960000
## 782913	1.0000000	6.270000	5.540000	37.610000
## 782973	1.0000000	0.000000	0.000000	12.800000
## 783116	1.0000000	4.760000	0.000000	28.560000
## 783218	1.0000000	5.000000	0.000000	14.300000
## 783387	1.0000000	0.000000	0.000000	11.300000
## 783441	1.0000000	0.000000	0.000000	17.300000
## 784019	1.0000000	10.000000	2.540000	51.340000
## 784204	1.0000000	0.000000	0.000000	7.300000
## 784433	1.0000000	0.000000	0.000000	10.300000
## 784589	1.0000000	1.450000	0.000000	7.250000
## 784885	1.0000000	0.000000	0.000000	16.300000
## 784992	1.0000000	0.000000	0.000000	20.300000
## 785021	1.0000000	4.000000	0.000000	24.800000
## 785423	1.0000000	3.200000	0.000000	16.000000
## 785541	1.0000000	0.000000	0.000000	5.800000
## 785581	1.0000000	0.000000	0.000000	13.800000
## 785823	1.0000000	0.000000	0.000000	8.800000
## 785919	1.0000000	0.000000	0.000000	4.800000
## 786875	1.0000000	0.000000	0.000000	7.800000
## 787169	0.0000000	0.000000	0.000000	10.000000
## 788462	1.0000000	0.000000	0.000000	17.300000
## 788741	1.0000000	0.010000	0.000000	8.310000
## 789365	1.0000000	4.000000	0.000000	12.300000
## 789472	1.0000000	2.250000	0.000000	13.550000
## 789566	1.0000000	7.450000	0.000000	37.250000
## 789601	1.0000000	1.250000	0.000000	7.550000
## 789809	1.0000000	1.200000	0.000000	14.000000
## 789954	1.0000000	0.000000	0.000000	10.800000
## 790083	1.0000000	0.000000	0.000000	3.800000
## 790164	1.0000000	2.000000	0.000000	15.300000
## 790319	1.0000000	0.000000	0.000000	5.800000
## 790427	1.0000000	5.000000	0.000000	44.800000
## 790645	1.0000000	0.950000	0.000000	5.750000
## 791519	1.0000000	0.000000	0.000000	8.300000
## 792708	1.0000000	0.000000	0.000000	16.300000
## 793017	1.0000000	3.200000	0.000000	16.000000
## 793450	1.0000000	0.000000	0.000000	4.300000
## 793758	1.0000000	1.260000	0.000000	7.560000
## 793788	1.0000000	2.260000	0.000000	13.560000
## 793898	1.0000000	2.760000	0.000000	16.560000
## 794389	1.0000000	2.950000	0.000000	17.750000
## 794536	1.0000000	0.000000	0.000000	8.800000
## 794826	1.0000000	0.000000	0.000000	12.800000
## 794985	1.0000000	3.160000	0.000000	18.960000
## 795290	1.0000000	0.000000	0.000000	13.300000
## 795710	1.0000000	0.000000	0.000000	21.800000
## 796633	1.0000000	0.000000	0.000000	6.800000
## 797513	1.0000000	0.000000	0.000000	18.800000
## 797520	1.0000000	0.000000	0.000000	15.300000

## 797530	1.0000000	2.700000	0.000000	17.000000
## 797575	0.0000000	0.000000	0.000000	40.000000
## 797919	1.0000000	8.860000	0.000000	53.160000
## 798449	1.0000000	0.000000	0.000000	17.800000
## 798475	1.0000000	0.000000	0.000000	7.800000
## 798644	0.0000000	0.000000	5.540000	60.540000
## 798755	1.0000000	1.500000	0.000000	10.800000
## 798763	1.0000000	0.000000	0.000000	3.300000
## 799382	1.0000000	0.000000	0.000000	14.300000
## 799422	1.0000000	0.000000	0.000000	11.800000
## 799429	1.0000000	1.260000	0.000000	7.560000
## 799887	1.0000000	0.000000	0.000000	10.300000
## 799891	1.0000000	2.000000	0.000000	27.800000
## 800632	1.0000000	0.000000	0.000000	27.800000
## 801283	1.0000000	1.740000	0.000000	7.540000
## 801569	1.0000000	4.820000	0.000000	24.120000
## 801916	1.0000000	1.000000	0.000000	14.300000
## 802583	1.0000000	0.000000	0.000000	52.800000
## 802624	1.0000000	2.500000	5.540000	26.840000
## 802652	1.0000000	1.260000	0.000000	7.560000
## 802704	1.0000000	1.000000	0.000000	5.800000
## 802715	1.0000000	0.000000	0.000000	19.300000
## 803229	1.0000000	0.000000	0.000000	13.800000
## 803804	1.0000000	3.450000	0.000000	20.750000
## 804506	0.0000000	0.000000	0.000000	32.000000
## 804921	1.0000000	1.560000	0.000000	9.360000
## 805260	1.0000000	0.000000	0.000000	12.300000
## 805656	1.0000000	0.000000	0.000000	8.800000
## 806130	1.0000000	0.000000	0.000000	18.800000
## 807398	1.0000000	0.000000	0.000000	9.800000
## 807725	1.0000000	0.000000	0.000000	8.300000
## 808695	1.0000000	0.000000	0.000000	8.300000
## 809124	1.0000000	3.350000	0.000000	20.150000
## 809320	1.0000000	0.000000	0.000000	7.800000
## 810164	1.0000000	0.000000	0.000000	8.800000
## 810362	1.0000000	0.000000	0.000000	6.300000
## 810422	1.0000000	2.160000	0.000000	12.960000
## 810591	1.0000000	0.000000	0.000000	6.800000
## 810595	1.0000000	6.860000	0.000000	41.160000
## 810668	1.0000000	2.260000	0.000000	13.560000
## 810856	1.0000000	0.960000	0.000000	5.760000
## 810858	1.0000000	0.000000	0.000000	6.800000
## 811320	1.0000000	1.000000	0.000000	7.300000
## 811477	1.0000000	0.000000	0.000000	7.800000
## 811823	1.0000000	0.000000	0.000000	19.800000
## 811900	1.0000000	1.700000	0.000000	8.500000
## 811914	1.0000000	0.000000	0.000000	7.300000
## 811982	1.0000000	0.000000	0.000000	27.800000
## 812026	1.0000000	4.000000	0.000000	20.300000
## 812126	1.0000000	3.000000	0.000000	19.300000
## 812975	1.0000000	0.000000	0.000000	8.300000
## 813037	1.0000000	3.000000	0.000000	12.300000
## 813061	1.0000000	1.890000	0.000000	8.190000
## 814298	1.0000000	0.000000	0.000000	7.800000
## 814686	1.0000000	1.850000	0.000000	11.150000
## 815105	1.0000000	0.000000	0.000000	6.800000
## 815736	1.0000000	4.260000	0.000000	25.560000
## 815868	1.0000000	0.000000	0.000000	6.300000
## 816068	1.0000000	0.000000	0.000000	10.800000
## 816689	1.0000000	0.000000	0.000000	16.800000
## 817023	1.0000000	0.000000	0.000000	31.800000
## 817210	1.0000000	2.650000	0.000000	15.950000
## 817548	0.0000000	0.000000	0.000000	45.000000
## 817605	1.0000000	1.700000	0.000000	8.500000

## 817916	1.0000000	2.860000	0.000000	17.160000
## 818372	1.0000000	1.260000	0.000000	7.560000
## 818492	1.0000000	0.000000	0.000000	7.800000
## 819468	1.0000000	0.000000	0.000000	10.300000
## 820009	1.0000000	2.700000	0.000000	20.000000
## 820122	1.0000000	1.860000	0.000000	11.160000
## 820822	1.0000000	0.000000	0.000000	22.300000
## 821114	1.0000000	2.260000	0.000000	13.560000
## 821187	1.0000000	0.000000	0.000000	38.300000
## 821260	1.0000000	1.660000	0.000000	9.960000
## 821463	1.0000000	0.000000	0.000000	6.300000
## 821759	1.0000000	1.250000	0.000000	8.550000
## 821843	1.0000000	1.200000	0.000000	6.000000
## 821899	1.0000000	0.000000	0.000000	9.300000
## 821917	1.0000000	0.000000	0.000000	9.800000
## 822651	1.0000000	0.000000	0.000000	9.800000
## 822727	1.0000000	3.260000	0.000000	19.560000
## 823029	1.0000000	1.320000	0.000000	6.620000
## 823051	1.0000000	2.960000	0.000000	17.760000
## 823187	1.0000000	0.000000	0.000000	14.300000
## 823557	1.0000000	2.050000	0.000000	10.350000
## 823643	1.0000000	0.000000	0.000000	5.800000
## 823646	1.0000000	4.550000	0.000000	27.350000
## 823935	1.0000000	1.360000	0.000000	8.160000
## 824049	1.0000000	0.000000	0.000000	6.800000
## 824398	1.0000000	7.860000	0.000000	47.160000
## 824435	1.0000000	2.860000	0.000000	17.160000
## 824735	1.0000000	1.260000	0.000000	7.560000
## 824753	1.0000000	0.870000	0.000000	6.670000
## 826168	1.0000000	0.000000	0.000000	25.800000
## 826794	1.0000000	0.000000	0.000000	4.300000
## 827480	1.0000000	0.000000	0.000000	4.300000
## 827565	1.0000000	2.000000	0.000000	20.300000
## 827574	1.0000000	1.000000	0.000000	5.800000
## 827937	1.0000000	0.000000	0.000000	10.300000
## 828908	1.0000000	0.000000	0.000000	8.800000
## 829092	1.0000000	14.250000	2.616828	85.550000
## 831249	1.0000000	2.500000	0.000000	22.300000
## 831262	1.0000000	0.000000	0.000000	14.800000
## 832243	1.0000000	0.000000	0.000000	11.300000
## 832822	1.0000000	1.000000	0.000000	11.800000
## 833066	1.0000000	1.500000	0.000000	9.300000
## 833310	1.0000000	0.000000	0.000000	8.300000
## 833644	1.0000000	1.750000	0.000000	10.550000
## 834067	1.0000000	0.000000	0.000000	4.800000
## 834350	1.0000000	1.260000	0.000000	7.560000
## 834533	1.0000000	2.460000	0.000000	14.760000
## 834566	1.0000000	6.060000	0.000000	36.360000
## 835753	1.0000000	5.320000	0.000000	26.620000
## 836132	1.0000000	0.000000	0.000000	8.800000
## 836376	1.0000000	0.000000	0.000000	7.300000
## 836836	1.0000000	0.000000	0.000000	11.800000
## 837020	1.0000000	4.260000	0.000000	25.560000
## 837278	1.0000000	0.000000	0.000000	9.800000
## 837331	1.0000000	0.000000	0.000000	52.800000
## 837375	1.0000000	1.960000	0.000000	11.760000
## 837381	1.0000000	3.450000	0.000000	17.250000
## 837555	1.0000000	1.260000	0.000000	7.560000
## 837611	1.0000000	1.760000	0.000000	10.560000
## 837745	1.0000000	0.000000	0.000000	6.800000
## 838195	1.0000000	0.000000	0.000000	8.300000
## 838496	1.0000000	0.000000	0.000000	9.800000
## 838593	1.0000000	0.000000	0.000000	8.300000
## 839071	1.0000000	2.450000	0.000000	12.250000

## 839118	1.0000000	3.060000	0.000000	18.360000
## 839182	1.0000000	0.000000	0.000000	8.800000
## 839391	1.0000000	3.000000	0.000000	21.300000
## 839435	1.0000000	0.000000	0.000000	18.800000
## 839744	1.0000000	0.000000	0.000000	6.800000
## 839859	1.0000000	0.000000	0.000000	8.800000
## 840490	1.0000000	0.000000	0.000000	4.300000
## 840867	1.0000000	0.000000	0.000000	12.300000
## 840977	1.0000000	0.000000	0.000000	11.800000
## 841083	1.0000000	0.000000	0.000000	7.300000
## 841557	1.0000000	0.000000	0.000000	9.800000
## 842362	1.0000000	0.000000	0.000000	8.300000
## 842559	1.0000000	0.000000	0.000000	4.300000
## 843005	1.0000000	0.000000	0.000000	5.800000
## 843571	1.0000000	2.000000	0.000000	12.300000
## 844617	1.0000000	3.760000	0.000000	22.560000
## 844678	1.0000000	0.000000	0.000000	10.800000
## 845097	0.0000000	0.000000	0.000000	0.000000
## 845408	1.0000000	0.000000	0.000000	4.800000
## 845452	1.0000000	0.000000	0.000000	5.800000
## 845873	1.0000000	0.000000	0.000000	6.300000
## 846015	1.0000000	10.160000	0.000000	60.960000
## 846210	1.0000000	0.000000	0.000000	5.800000
## 846408	1.0000000	0.000000	0.000000	8.300000
## 846583	1.0000000	2.950000	0.000000	17.750000
## 847008	1.0000000	0.000000	0.000000	8.300000
## 847080	1.0000000	3.160000	0.000000	18.960000
## 847168	1.0000000	2.460000	0.000000	14.760000
## 848392	1.0000000	0.000000	0.000000	6.300000
## 848492	1.0000000	0.000000	0.000000	4.800000
## 848904	1.0000000	0.000000	0.000000	7.800000
## 849012	1.0000000	1.750000	0.000000	10.550000
## 849624	1.0000000	2.260000	0.000000	13.560000
## 849665	1.0000000	0.000000	0.000000	39.800000
## 849772	1.0000000	0.000000	0.000000	7.300000
## 849899	1.0000000	0.000000	0.000000	11.300000
## 849963	1.0000000	2.000000	0.000000	6.800000
## 850133	1.0000000	0.000000	0.000000	9.800000
## 850169	0.0000000	0.000000	0.000000	13.000000
## 850267	1.0000000	0.000000	0.000000	6.800000
## 850378	1.0000000	0.000000	0.000000	9.800000
## 850866	1.0000000	0.000000	0.000000	36.300000
## 850903	1.0000000	1.500000	0.000000	21.300000
## 851008	1.0000000	1.000000	0.000000	16.800000
## 851213	1.0000000	0.000000	0.000000	13.300000
## 852014	1.0000000	0.000000	0.000000	15.300000
## 852131	1.0000000	1.000000	0.000000	13.300000
## 853105	1.0000000	0.930000	0.000000	10.230000
## 853292	1.0000000	1.890000	0.000000	8.190000
## 853375	1.0000000	0.000000	0.000000	14.300000
## 854149	1.0000000	2.580000	0.000000	12.880000
## 854365	1.0000000	0.000000	0.000000	5.800000
## 854369	1.0000000	1.000000	0.000000	7.300000
## 854840	0.0000000	0.000000	0.000000	8.000000
## 854869	1.0000000	0.000000	0.000000	7.300000
## 855384	0.0000000	0.000000	0.000000	15.000000
## 855588	1.0000000	0.000000	0.000000	6.800000
## 856143	1.0000000	2.160000	0.000000	12.960000
## 856411	1.0000000	1.000000	0.000000	12.800000
## 856441	1.0000000	0.000000	0.000000	6.800000
## 856683	1.0000000	1.360000	0.000000	8.160000
## 856685	1.0000000	0.000000	0.000000	8.800000
## 857782	1.0000000	0.000000	0.000000	5.800000
## 858505	1.0000000	0.000000	0.000000	17.800000

## 858616	1.0000000	0.000000	0.000000	34.300000
## 858740	1.0000000	0.000000	0.000000	5.300000
## 858907	1.0000000	0.000000	0.000000	5.300000
## 859154	1.0000000	2.550000	0.000000	15.350000
## 859168	1.0000000	0.000000	0.000000	16.300000
## 859782	1.0000000	0.000000	0.000000	9.300000
## 859801	1.0000000	0.000000	0.000000	11.800000
## 859835	1.0000000	0.000000	0.000000	7.300000
## 860210	1.0000000	2.450000	0.000000	12.250000
## 860275	1.0000000	0.000000	0.000000	11.300000
## 860608	1.0000000	0.000000	0.000000	11.800000
## 861073	1.0000000	0.000000	0.000000	6.300000
## 861376	1.0000000	0.000000	0.000000	15.300000
## 861556	1.0000000	0.000000	0.000000	11.300000
## 861720	1.0000000	0.000000	0.000000	18.800000
## 862110	1.0000000	0.000000	0.000000	7.800000
## 862141	1.0000000	0.000000	0.000000	36.300000
## 862571	1.0000000	1.000000	0.000000	8.300000
## 862910	1.0000000	0.000000	0.000000	5.800000
## 863298	1.0000000	0.000000	0.000000	8.300000
## 863334	1.0000000	0.000000	0.000000	6.300000
## 864259	1.0000000	0.000000	0.000000	31.300000
## 865526	1.0000000	0.000000	0.000000	14.800000
## 865582	1.0000000	4.370000	5.540000	26.210000
## 866182	1.0000000	1.860000	0.000000	11.160000
## 866947	1.0000000	0.000000	0.000000	15.300000
## 867119	1.0000000	0.000000	0.000000	15.300000
## 867639	1.0000000	0.000000	0.000000	13.800000
## 868021	1.0000000	0.000000	0.000000	7.300000
## 868575	1.0000000	0.860000	0.000000	5.160000
## 868931	1.0000000	0.000000	0.000000	8.800000
## 869098	1.0000000	4.860000	0.000000	29.160000
## 869309	1.0000000	1.060000	0.000000	6.360000
## 869606	1.0000000	0.000000	0.000000	12.800000
## 870397	1.0000000	0.000000	0.000000	6.300000
## 871645	1.0000000	0.000000	0.000000	10.800000
## 871733	1.0000000	0.000000	0.000000	6.800000
## 871848	1.0000000	2.000000	0.000000	7.800000
## 871934	1.0000000	0.000000	0.000000	5.300000
## 871949	1.0000000	0.000000	0.000000	18.300000
## 872193	1.0000000	1.560000	0.000000	9.360000
## 872870	1.0000000	0.000000	0.000000	4.300000
## 872951	1.0000000	0.000000	0.000000	9.300000
## 873142	1.0000000	1.290000	0.000000	5.590000
## 873242	1.0000000	7.440000	0.000000	32.240000
## 873722	1.0000000	0.000000	0.000000	10.300000
## 873872	1.0000000	0.000000	0.000000	6.800000
## 873910	1.0000000	2.350000	0.000000	14.150000
## 874228	1.0000000	8.000000	0.000000	29.300000
## 874245	1.0000000	0.000000	0.000000	6.300000
## 874462	1.0000000	1.700000	0.000000	8.500000
## 874597	1.0000000	1.440000	0.000000	6.240000
## 874630	1.0000000	0.000000	0.000000	13.300000
## 874697	1.0000000	0.000000	0.000000	6.800000
## 874775	1.0000000	0.000000	0.000000	10.800000
## 874818	1.0000000	0.000000	0.000000	9.800000
## 875335	1.0000000	7.370000	5.540000	44.210000
## 875696	1.0000000	2.150000	0.000000	12.950000
## 875725	1.0000000	0.000000	0.000000	14.300000
## 875777	1.0000000	0.390000	0.000000	8.190000
## 876108	1.0000000	0.000000	0.000000	9.800000
## 876225	1.0000000	0.000000	0.000000	15.800000
## 877081	1.0000000	1.460000	0.000000	8.760000
## 877502	1.0000000	0.000000	0.000000	35.800000

## 877558	1.0000000	37.400184	0.000000	71.800000
## 877604	0.0000000	0.000000	0.000000	35.000000
## 877615	1.0000000	0.000000	0.000000	8.800000
## 878325	1.0000000	0.000000	0.000000	6.800000
## 878938	1.0000000	0.000000	0.000000	9.800000
## 878942	1.0000000	1.000000	0.000000	15.800000
## 879803	1.0000000	2.300000	0.000000	11.600000
## 879851	1.0000000	2.000000	0.000000	20.800000
## 880392	1.0000000	2.860000	0.000000	17.160000
## 880610	1.0000000	0.000000	0.000000	4.300000
## 881056	1.0000000	0.000000	0.000000	6.300000
## 881291	1.0000000	1.250000	0.000000	7.550000
## 881403	1.0000000	0.000000	0.000000	4.800000
## 881448	1.0000000	0.000000	0.000000	3.300000
## 881858	1.0000000	2.120000	0.000000	44.420000
## 882546	1.0000000	0.000000	0.000000	6.300000
## 882611	1.0000000	0.000000	0.000000	6.800000
## 882714	0.0000000	0.000000	0.000000	10.000000
## 883289	1.0000000	2.000000	0.000000	8.300000
## 883314	1.0000000	0.000000	0.000000	17.800000
## 884070	1.0000000	2.060000	0.000000	12.360000
## 884448	1.0000000	0.000000	0.000000	23.800000
## 884801	1.0000000	1.580000	0.000000	7.880000
## 885310	1.0000000	0.000000	0.000000	11.300000
## 885649	1.0000000	2.950000	0.000000	14.750000
## 886371	1.0000000	1.260000	0.000000	7.560000
## 886541	1.0000000	0.000000	0.000000	4.300000
## 886544	1.0000000	0.000000	0.000000	10.800000
## 886684	1.0000000	0.000000	0.000000	8.300000
## 887631	1.0000000	0.000000	0.000000	8.800000
## 887789	1.0000000	0.000000	0.000000	15.300000
## 887813	1.0000000	0.000000	0.000000	8.300000
## 888395	1.0000000	7.960000	0.000000	47.760000
## 888968	1.0000000	0.000000	0.000000	8.300000
## 889102	1.0000000	11.060000	0.000000	66.360000
## 889448	1.0000000	0.000000	0.000000	13.800000
## 889556	1.0000000	0.000000	0.000000	8.800000
## 889843	1.0000000	0.000000	0.000000	8.800000
## 890351	1.0000000	0.000000	0.000000	13.300000
## 890522	1.0000000	1.260000	0.000000	7.560000
## 890584	1.0000000	0.000000	0.000000	8.300000
## 890596	1.0000000	0.000000	0.000000	9.300000
## 890760	1.0000000	0.000000	0.000000	18.800000
## 891110	1.0000000	2.000000	0.000000	20.800000
## 891142	1.0000000	0.000000	0.000000	14.800000
## 891311	1.0000000	0.000000	0.000000	9.300000
## 891503	1.0000000	2.350000	0.000000	14.150000
## 891764	1.0000000	0.000000	0.000000	7.300000
## 891836	1.0000000	1.860000	0.000000	11.160000
## 891982	1.0000000	1.160000	0.000000	6.960000
## 892252	1.0000000	0.000000	0.000000	11.300000
## 892324	1.0000000	1.900000	0.000000	13.200000
## 892407	1.0000000	0.000000	0.000000	7.300000
## 892565	1.0000000	2.450000	0.000000	12.250000
## 892566	1.0000000	6.320000	0.000000	31.620000
## 892739	1.0000000	1.960000	0.000000	11.760000
## 893010	1.0000000	1.360000	0.000000	8.160000
## 893090	1.0000000	0.000000	0.000000	16.300000
## 893572	1.0000000	1.560000	0.000000	9.360000
## 893860	1.0000000	10.060000	0.000000	60.360000
## 893870	1.0000000	0.000000	0.000000	7.800000
## 893891	1.0000000	0.000000	0.000000	11.800000
## 894067	1.0000000	4.450000	0.000000	22.250000
## 894071	1.0000000	0.000000	0.000000	9.300000

## 894449	1.0000000	0.000000	0.000000	12.300000
## 894462	1.0000000	0.000000	0.000000	9.800000
## 894567	1.0000000	0.000000	0.000000	9.800000
## 894885	1.0000000	2.000000	0.000000	13.800000
## 896111	1.0000000	0.000000	0.000000	6.800000
## 896156	1.0000000	0.000000	0.000000	12.800000
## 896408	1.0000000	0.000000	0.000000	7.800000
## 896585	1.0000000	0.000000	0.000000	9.800000
## 897283	1.0000000	0.000000	0.000000	6.800000
## 897843	1.0000000	1.200000	0.000000	8.000000
## 898187	1.0000000	3.960000	0.000000	23.760000
## 898600	1.0000000	0.000000	0.000000	9.800000
## 898812	1.0000000	4.960000	0.000000	29.760000
## 898921	1.0000000	0.000000	0.000000	14.300000
## 898958	1.0000000	1.560000	0.000000	9.360000
## 899110	1.0000000	0.000000	0.000000	5.800000
## 899201	1.0000000	7.140000	0.000000	30.940000
## 900123	1.0000000	0.000000	0.000000	11.800000
## 900738	1.0000000	0.000000	0.000000	7.300000
## 900748	1.0000000	3.450000	0.000000	17.250000
## 900897	0.9783221	0.000000	0.000000	7.425565
## 900913	1.0000000	0.000000	0.000000	8.300000
## 901377	1.0000000	0.000000	0.000000	5.800000
## 901661	1.0000000	0.000000	0.000000	11.300000
## 901835	1.0000000	0.000000	0.000000	6.800000
## 902354	1.0000000	0.000000	0.000000	5.300000
## 902659	1.0000000	0.000000	0.000000	13.800000
## 902982	1.0000000	5.450000	0.000000	32.750000
## 902994	1.0000000	2.250000	0.000000	13.550000
## 903347	1.0000000	2.200000	0.000000	11.000000
## 903872	1.0000000	0.000000	0.000000	21.800000
## 903944	1.0000000	0.000000	0.000000	6.800000
## 904284	1.0000000	2.960000	0.000000	17.760000
## 904756	1.0000000	0.000000	0.000000	25.300000
## 904981	1.0000000	0.000000	0.000000	5.800000
## 905219	1.0000000	0.000000	0.000000	5.800000
## 905499	1.0000000	0.700000	0.000000	6.000000
## 906065	1.0000000	3.360000	0.000000	20.160000
## 906502	1.0000000	0.000000	0.000000	7.300000
## 906794	1.0000000	0.000000	0.000000	17.300000
## 906849	1.0000000	0.000000	0.000000	31.800000
## 907000	1.0000000	0.000000	0.000000	6.800000
## 907278	1.0000000	1.800000	0.000000	14.100000
## 907537	1.0000000	0.000000	0.000000	5.300000
## 907580	1.0000000	1.160000	0.000000	6.960000
## 907630	1.0000000	0.000000	0.000000	6.300000
## 907638	1.0000000	1.160000	0.000000	6.960000
## 907840	0.0000000	0.000000	0.000000	0.000000
## 908404	1.0000000	0.000000	0.000000	8.300000
## 908893	1.0000000	1.320000	0.000000	6.620000
## 909031	1.0000000	1.460000	0.000000	8.760000
## 909517	1.0000000	0.000000	0.000000	6.300000
## 909570	1.0000000	2.760000	0.000000	16.560000
## 909719	1.0000000	0.000000	0.000000	4.800000
## 909955	1.0000000	0.000000	0.000000	6.300000
## 910197	1.0000000	0.000000	0.000000	4.800000
## 910473	1.0000000	0.000000	0.000000	11.800000
## 910538	1.0000000	0.000000	0.000000	5.800000
## 911044	1.0000000	0.000000	0.000000	16.800000
## 911453	1.0000000	10.000000	5.540000	68.340000
## 911545	1.0000000	5.940000	0.000000	25.740000
## 911574	1.0000000	0.000000	0.000000	18.300000
## 911872	1.0000000	3.320000	0.000000	16.620000
## 911875	1.0000000	6.670000	5.540000	40.010000

## 912100	1.0000000	0.000000	0.000000	7.800000
## 912270	1.0000000	0.000000	0.000000	4.800000
## 912532	1.0000000	1.200000	0.000000	13.000000
## 912770	1.0000000	3.000000	0.000000	35.300000
## 912833	1.0000000	0.000000	0.000000	4.800000
## 913293	1.0000000	0.000000	0.000000	8.800000
## 913759	1.0000000	0.000000	0.000000	5.800000
## 913957	1.0000000	2.000000	0.000000	13.800000
## 914178	1.0000000	0.000000	0.000000	11.300000
## 915021	1.0000000	0.000000	0.000000	10.300000
## 915139	1.0000000	0.000000	0.000000	23.300000
## 915203	0.0000000	0.000000	0.000000	12.000000
## 915460	1.0000000	1.160000	0.000000	6.960000
## 915577	1.0000000	0.000000	0.000000	6.800000
## 915643	1.0000000	0.000000	0.000000	5.800000
## 915772	1.0000000	1.200000	0.000000	7.000000
## 915773	1.0000000	2.320000	0.000000	11.620000
## 915817	1.0000000	0.000000	0.000000	6.300000
## 915857	1.0000000	0.000000	0.000000	22.300000
## 916216	1.0000000	0.000000	0.000000	7.300000
## 916572	1.0000000	4.760000	0.000000	28.560000
## 916612	1.0000000	4.960000	0.000000	29.760000
## 916739	1.0000000	0.000000	0.000000	7.300000
## 916954	1.0000000	1.880000	0.000000	20.680000
## 917239	1.0000000	0.000000	0.000000	20.300000
## 917847	1.0000000	7.260000	0.000000	43.560000
## 917993	1.0000000	0.000000	0.000000	10.800000
## 918193	1.0000000	0.000000	0.000000	7.300000
## 918196	1.0000000	2.260000	0.000000	13.560000
## 918703	1.0000000	0.000000	0.000000	7.300000
## 918933	1.0000000	0.000000	0.000000	5.800000
## 919104	1.0000000	2.450000	0.000000	14.750000
## 919479	1.0000000	0.000000	0.000000	14.300000
## 919637	1.0000000	0.000000	0.000000	12.300000
## 920494	1.0000000	4.970000	5.540000	29.810000
## 920899	1.0000000	1.100000	0.000000	8.400000
## 921042	1.0000000	0.000000	0.000000	6.800000
## 921369	1.0000000	0.000000	0.000000	28.800000
## 921399	1.0000000	3.090000	0.000000	13.390000
## 921628	1.0000000	0.000000	0.000000	3.300000
## 921674	1.0000000	0.000000	0.000000	5.300000
## 922007	1.0000000	0.000000	0.000000	16.300000
## 922156	1.0000000	0.000000	0.000000	14.800000
## 922415	1.0000000	3.090000	0.000000	13.390000
## 923144	1.0000000	0.000000	0.000000	12.800000
## 923716	1.0000000	0.000000	0.000000	16.300000
## 925225	1.0000000	2.660000	0.000000	15.960000
## 925459	1.0000000	0.000000	0.000000	8.300000
## 925651	1.0000000	0.000000	0.000000	5.800000
## 925988	1.0000000	0.000000	0.000000	14.800000
## 926930	1.0000000	0.000000	0.000000	5.300000
## 927910	1.0000000	0.000000	0.000000	7.800000
## 928549	1.0000000	0.000000	0.000000	23.300000
## 928968	1.0000000	2.150000	0.000000	12.950000
## 928983	1.0000000	0.000000	0.000000	17.800000
## 930143	1.0000000	0.000000	0.000000	15.300000
## 930220	1.0000000	0.000000	0.000000	27.300000
## 930321	1.0000000	0.000000	0.000000	7.300000
## 930985	1.0000000	4.860000	0.000000	29.160000
## 931194	1.0000000	0.000000	0.000000	20.300000
## 931429	1.0000000	1.700000	0.000000	8.500000
## 931667	1.0000000	0.000000	0.000000	23.300000
## 931764	1.0000000	1.000000	0.000000	10.300000
## 932683	1.0000000	0.000000	0.000000	6.800000

## 932801	1.0000000	0.000000	0.000000	8.300000
## 932940	1.0000000	1.000000	0.000000	7.800000
## 932998	1.0000000	3.060000	0.000000	18.360000
## 933077	1.0000000	0.000000	0.000000	21.800000
## 933197	1.0000000	0.000000	0.000000	8.300000
## 933465	1.0000000	4.320000	0.000000	21.620000
## 933560	0.0000000	0.000000	0.000000	14.000000
## 933587	1.0000000	0.000000	0.000000	10.300000
## 933588	1.0000000	0.000000	0.000000	5.800000
## 933727	1.0000000	0.000000	0.000000	5.800000
## 934109	1.0000000	0.000000	0.000000	6.300000
## 934151	1.0000000	2.250000	0.000000	13.550000
## 934189	1.0000000	1.850000	0.000000	11.150000
## 934414	1.0000000	0.000000	0.000000	7.300000
## 935961	1.0000000	2.660000	0.000000	15.960000
## 936460	0.0000000	17.880000	0.000000	89.380000
## 936560	1.0000000	0.000000	0.000000	11.800000
## 937126	1.0000000	0.000000	0.000000	8.300000
## 937138	1.0000000	2.000000	0.000000	21.300000
## 937210	1.0000000	3.800000	0.000000	19.100000
## 938077	1.0000000	0.000000	0.000000	10.800000
## 938416	1.0000000	2.340000	0.000000	10.140000
## 938491	1.0000000	2.760000	0.000000	16.560000
## 938614	1.0000000	0.000000	0.000000	8.300000
## 939262	1.0000000	0.000000	0.000000	11.300000
## 939372	1.0000000	2.790000	0.000000	12.090000
## 940123	1.0000000	0.000000	0.000000	10.300000
## 940370	1.0000000	0.000000	0.000000	5.300000
## 940402	1.0000000	0.000000	0.000000	7.300000
## 940762	1.0000000	0.000000	0.000000	8.300000
## 941142	1.0000000	0.000000	0.000000	5.800000
## 941339	1.0000000	1.860000	0.000000	11.160000
## 941340	1.0000000	1.000000	0.000000	7.300000
## 941706	1.0000000	2.360000	0.000000	14.160000
## 941926	1.0000000	0.000000	0.000000	9.800000
## 942069	1.0000000	0.000000	0.000000	10.300000
## 942376	1.0000000	1.200000	0.000000	20.000000
## 942435	0.0000000	0.000000	0.000000	14.000000
## 942959	1.0000000	0.000000	0.000000	14.300000
## 942974	1.0000000	0.700000	0.000000	8.000000
## 943238	1.0000000	0.000000	0.000000	7.300000
## 943412	1.0000000	0.000000	0.000000	10.300000
## 943586	1.0000000	6.570000	0.000000	32.870000
## 943864	1.0000000	0.000000	0.000000	5.800000
## 943921	1.0000000	2.000000	0.000000	21.300000
## 944350	1.0000000	0.000000	0.000000	8.300000
## 944879	1.0000000	1.000000	0.000000	16.300000
## 945139	1.0000000	2.950000	0.000000	14.750000
## 945229	1.0000000	2.060000	0.000000	12.360000
## 945285	1.0000000	4.660000	0.000000	27.960000
## 945652	1.0000000	0.000000	0.000000	5.800000
## 945958	1.0000000	1.950000	0.000000	11.750000
## 945961	1.0000000	0.000000	0.000000	5.300000
## 946030	1.0000000	1.950000	0.000000	11.750000
## 946123	1.0000000	0.000000	0.000000	10.300000
## 946306	1.0000000	1.060000	0.000000	6.360000
## 946635	1.0000000	0.000000	0.000000	7.300000
## 946919	1.0000000	1.700000	0.000000	8.500000
## 947023	1.0000000	1.450000	0.000000	7.250000
## 947267	1.0000000	1.500000	0.000000	23.800000
## 947272	1.0000000	2.160000	0.000000	12.960000
## 947391	1.0000000	0.000000	0.000000	9.300000
## 947411	1.0000000	2.560000	0.000000	15.360000
## 947498	1.0000000	0.000000	0.000000	18.800000

## 947937	1.0000000	0.000000	0.000000	20.800000
## 948010	1.0000000	28.907916	0.000000	50.800000
## 948152	1.0000000	1.000000	0.000000	6.300000
## 948213	1.0000000	0.000000	0.000000	7.800000
## 948640	0.0000000	0.000000	0.000000	8.000000
## 948688	1.0000000	2.360000	0.000000	14.160000
## 948725	1.0000000	0.000000	0.000000	10.300000
## 950068	1.0000000	0.000000	0.000000	14.300000
## 950844	1.0000000	4.700000	0.000000	23.500000
## 951358	1.0000000	2.000000	0.000000	9.300000
## 951405	1.0000000	0.000000	0.000000	6.800000
## 951458	1.0000000	0.000000	0.000000	6.800000
## 952012	1.0000000	1.660000	0.000000	9.960000
## 952384	1.0000000	0.000000	0.000000	12.800000
## 952470	1.0000000	0.000000	0.000000	6.800000
## 952786	1.0000000	0.000000	0.000000	18.300000
## 953093	1.0000000	0.000000	0.000000	5.800000
## 953190	1.0000000	4.850000	0.000000	21.150000
## 953238	1.0000000	3.950000	0.000000	23.750000
## 953313	0.9620604	0.000000	0.000000	7.227144
## 953844	1.0000000	0.000000	0.000000	24.300000
## 954046	1.0000000	0.000000	0.000000	11.300000
## 954204	1.0000000	11.670000	5.540000	70.010000
## 955334	0.0000000	0.000000	0.000000	15.000000
## 955642	1.0000000	1.860000	0.000000	11.160000
## 955843	1.0000000	3.000000	0.000000	20.300000
## 956752	1.0000000	4.650000	0.000000	27.950000
## 956830	1.0000000	0.000000	0.000000	7.300000
## 956959	1.0000000	2.000000	0.000000	32.300000
## 957113	1.0000000	0.000000	0.000000	8.800000
## 957682	1.0000000	0.000000	0.000000	10.800000
## 957945	1.0000000	0.000000	0.000000	11.300000
## 957966	0.0000000	0.000000	0.000000	10.000000
## 958045	1.0000000	0.000000	0.000000	11.800000
## 958156	1.0000000	0.000000	0.000000	20.300000
## 958278	1.0000000	1.000000	0.000000	6.800000
## 958823	1.0000000	0.010000	0.000000	7.810000
## 959471	1.0000000	0.000000	0.000000	20.800000
## 959569	1.0000000	0.000000	0.000000	19.800000
## 959638	1.0000000	0.000000	0.000000	3.300000
## 959957	1.0000000	1.740000	0.000000	7.540000
## 960765	1.0000000	4.060000	0.000000	24.360000
## 961115	1.0000000	1.320000	0.000000	6.620000
## 961675	1.0000000	0.000000	0.000000	6.800000
## 962105	1.0000000	4.650000	0.000000	27.950000
## 962161	1.0000000	8.000000	0.000000	34.800000
## 962196	1.0000000	1.860000	0.000000	11.160000
## 962242	1.0000000	1.760000	0.000000	10.560000
## 962865	1.0000000	3.460000	0.000000	20.760000
## 963118	1.0000000	0.000000	0.000000	11.800000
## 963419	1.0000000	2.160000	0.000000	12.960000
## 963893	1.0000000	0.000000	0.000000	8.300000
## 964388	1.0000000	2.200000	0.000000	11.000000
## 964573	1.0000000	1.060000	0.000000	6.360000
## 964855	1.0000000	0.000000	0.000000	8.300000
## 964988	1.0000000	0.000000	0.000000	8.300000
## 965021	1.0000000	0.000000	0.000000	6.300000
## 965075	1.0000000	0.000000	0.000000	17.800000
## 965249	1.0000000	0.000000	0.000000	16.800000
## 966416	1.0000000	0.000000	0.000000	9.300000
## 967109	1.0000000	4.960000	0.000000	29.760000
## 967161	1.0000000	2.860000	0.000000	17.160000
## 967198	1.0000000	3.000000	0.000000	25.300000
## 967824	1.0000000	0.000000	0.000000	27.800000

## 968039	1.0000000	0.000000	0.000000	4.800000
## 968198	1.0000000	7.590000	0.000000	32.890000
## 968547	1.0000000	0.000000	0.000000	25.800000
## 969273	1.0000000	0.000000	0.000000	18.800000
## 969602	1.0000000	9.050000	0.000000	45.350000
## 970356	1.0000000	1.560000	0.000000	9.360000
## 970564	1.0000000	0.000000	0.000000	6.800000
## 970756	1.0000000	2.860000	0.000000	17.160000
## 971151	1.0000000	1.000000	0.000000	8.800000
## 971158	1.0000000	8.460000	0.000000	50.760000
## 971441	1.0000000	4.800000	0.000000	9.600000
## 971551	1.0000000	0.000000	0.000000	21.800000
## 971744	1.0000000	0.000000	0.000000	5.300000
## 971931	1.0000000	0.000000	5.540000	36.340000
## 973261	1.0000000	2.060000	0.000000	12.360000
## 973860	1.0000000	0.000000	0.000000	7.800000
## 974000	1.0000000	6.050000	0.000000	36.350000
## 974039	1.0000000	0.000000	0.000000	24.300000
## 974060	1.0000000	1.500000	0.000000	16.300000
## 974292	1.0000000	0.000000	0.000000	8.800000
## 974808	1.0000000	0.000000	0.000000	6.300000
## 974966	1.0000000	0.000000	0.000000	15.300000
## 975160	1.0000000	2.360000	0.000000	14.160000
## 975204	0.0000000	0.000000	0.000000	10.000000
## 975679	1.0000000	3.390000	0.000000	14.690000
## 975886	1.0000000	0.000000	0.000000	7.300000
## 976248	1.0000000	0.000000	0.000000	13.800000
## 976384	1.0000000	3.660000	0.000000	21.960000
## 976649	1.0000000	0.000000	0.000000	7.800000
## 976696	1.0000000	2.560000	0.000000	15.360000
## 976862	1.0000000	0.000000	0.000000	7.800000
## 976988	1.0000000	0.000000	0.000000	11.800000
## 977406	1.0000000	0.000000	0.000000	7.800000
## 977610	1.0000000	2.460000	0.000000	14.760000
## 977614	1.0000000	7.470000	5.540000	44.810000
## 977642	1.0000000	2.000000	0.000000	16.800000
## 977754	1.0000000	1.660000	0.000000	9.960000
## 977902	1.0000000	3.000000	0.000000	28.800000
## 978257	1.0000000	0.000000	0.000000	10.300000
## 978284	1.0000000	4.200000	0.000000	21.000000
## 978406	1.0000000	0.000000	0.000000	6.300000
## 978851	1.0000000	0.000000	0.000000	7.300000
## 979201	1.0000000	1.760000	0.000000	10.560000
## 979386	1.0000000	2.660000	0.000000	15.960000
## 979780	1.0000000	0.000000	0.000000	12.800000
## 979893	1.0000000	0.000000	0.000000	10.300000
## 980440	1.0000000	0.000000	0.000000	7.800000
## 980545	1.0000000	0.000000	0.000000	26.300000
## 980937	1.0000000	1.560000	0.000000	9.360000
## 981296	1.0000000	0.000000	0.000000	9.300000
## 981732	1.0000000	8.170000	5.540000	49.010000
## 981792	1.0000000	0.000000	0.000000	25.800000
## 981944	1.0000000	0.000000	0.000000	4.800000
## 982012	1.0000000	0.000000	0.000000	6.300000
## 982277	1.0000000	0.000000	0.000000	5.800000
## 982698	1.0000000	0.000000	0.000000	11.800000
## 983154	1.0000000	0.700000	0.000000	7.000000
## 983187	1.0000000	0.000000	0.000000	10.300000
## 983334	1.0000000	0.000000	0.000000	16.800000
## 983492	1.0000000	3.000000	0.000000	24.300000
## 983854	1.0000000	0.000000	0.000000	10.800000
## 984336	1.0000000	1.000000	0.000000	17.800000
## 984641	1.0000000	2.360000	0.000000	14.160000
## 984668	1.0000000	0.000000	0.000000	8.300000

## 985591	1.0000000	8.560000	0.000000	51.360000
## 986036	1.0000000	3.160000	0.000000	18.960000
## 986091	1.0000000	0.000000	0.000000	6.800000
## 986975	1.0000000	1.550000	0.000000	9.350000
## 987066	1.0000000	0.000000	0.000000	10.800000
## 987272	1.0000000	4.050000	0.000000	24.350000
## 987331	1.0000000	1.000000	0.000000	14.300000
## 988187	1.0000000	1.360000	0.000000	8.160000
## 988296	1.0000000	0.000000	0.000000	12.800000
## 988676	1.0000000	1.960000	0.000000	11.760000
## 988857	1.0000000	3.960000	0.000000	23.760000
## 989270	1.0000000	0.000000	0.000000	22.800000
## 989671	1.0000000	1.000000	0.000000	13.300000
## 989940	1.0000000	1.000000	0.000000	9.800000
## 989962	1.0000000	0.000000	0.000000	13.300000
## 990138	1.0000000	1.660000	0.000000	9.960000
## 990411	1.0000000	1.200000	0.000000	15.000000
## 990460	1.0000000	0.000000	0.000000	7.300000
## 990702	1.0000000	3.000000	0.000000	20.800000
## 990715	1.0000000	0.000000	0.000000	9.300000
## 990902	1.0000000	1.700000	0.000000	8.500000
## 990990	1.0000000	0.000000	0.000000	5.800000
## 991441	1.0000000	6.950000	0.000000	34.750000
## 991767	1.0000000	3.760000	0.000000	22.560000
## 991978	1.0000000	2.340000	0.000000	10.140000
## 992014	1.0000000	5.000000	0.000000	44.800000
## 992326	1.0000000	0.000000	0.000000	7.300000
## 992459	1.0000000	0.000000	0.000000	6.800000
## 992858	0.0000000	0.000000	0.000000	20.000000
## 993204	1.0000000	0.000000	0.000000	6.800000
## 993459	1.0000000	6.350000	0.000000	27.650000
## 993707	1.0000000	5.850000	0.000000	35.150000
## 993894	1.0000000	3.350000	0.000000	20.150000
## 993964	1.0000000	3.000000	0.000000	25.300000
## 994124	1.0000000	0.000000	0.000000	13.800000
## 994557	1.0000000	5.660000	0.000000	33.960000
## 994708	1.0000000	3.690000	0.000000	15.990000
## 995288	1.0000000	0.000000	0.000000	12.800000
## 995362	1.0000000	0.000000	0.000000	10.800000
## 995649	1.0000000	0.000000	0.000000	9.800000
## 995785	0.0000000	0.000000	0.000000	30.000000
## 995935	1.0000000	0.000000	0.000000	6.300000
## 995939	1.0000000	0.000000	0.000000	12.800000
## 996013	1.0000000	2.580000	0.000000	12.880000
## 996043	1.0000000	2.080000	0.000000	10.380000
## 996774	1.0000000	0.000000	0.000000	5.800000
## 996846	0.0000000	0.000000	0.000000	8.000000
## 996925	1.0000000	0.960000	0.000000	5.760000
## 997237	1.0000000	4.000000	0.000000	26.800000
## 997426	1.0000000	2.460000	0.000000	14.760000
## 997507	1.0000000	4.560000	0.000000	27.360000
## 997759	1.0000000	0.000000	0.000000	10.300000
## 997876	1.0000000	1.060000	0.000000	6.360000
## 998443	1.0000000	0.000000	0.000000	9.300000
## 998678	1.0000000	0.000000	0.000000	14.800000
## 998785	1.0000000	1.200000	0.000000	13.000000
## 998811	1.0000000	2.000000	0.000000	8.800000
## 999118	1.0000000	0.000000	0.000000	21.300000
## 999546	1.0000000	1.960000	0.000000	11.760000
## 999559	1.0000000	4.160000	0.000000	24.960000
## 1000699	1.0000000	4.050000	0.000000	24.350000
## 1000778	1.0000000	0.000000	0.000000	9.300000
## 1000951	1.0000000	1.660000	0.000000	9.960000
## 1001153	1.0000000	1.860000	0.000000	11.160000

## 1001180	1.0000000	0.000000	0.000000	11.300000
## 1001231	1.0000000	2.040000	0.000000	8.840000
## 1001781	1.0000000	0.000000	0.000000	16.800000
## 1002709	1.0000000	0.000000	0.000000	8.800000
## 1002791	1.0000000	0.000000	0.000000	5.800000
## 1002964	1.0000000	0.000000	0.000000	17.300000
## 1003266	1.0000000	1.560000	0.000000	9.360000
## 1003295	1.0000000	0.000000	0.000000	6.800000
## 1003319	1.0000000	0.000000	0.000000	10.300000
## 1003330	1.0000000	1.950000	0.000000	9.750000
## 1003501	1.0000000	0.000000	0.000000	10.800000
## 1003589	1.0000000	4.290000	0.000000	18.590000
## 1003864	1.0000000	0.000000	0.000000	8.300000
## 1004056	1.0000000	0.000000	0.000000	10.800000
## 1004107	0.0000000	0.000000	0.000000	40.000000
## 1004191	1.0000000	0.000000	0.000000	10.300000
## 1004717	1.0000000	0.000000	0.000000	33.300000
## 1004772	1.0000000	0.000000	0.000000	5.800000
## 1005505	1.0000000	0.000000	0.000000	10.800000
## 1005574	1.0000000	1.000000	0.000000	15.800000
## 1005608	1.0000000	0.000000	0.000000	8.300000
## 1005681	0.0000000	0.000000	0.000000	10.000000
## 1005877	1.0000000	0.000000	0.000000	7.800000
## 1006829	1.0000000	4.260000	0.000000	25.560000
## 1007477	1.0000000	5.340000	0.000000	23.140000
## 1007685	0.0000000	0.000000	0.000000	15.000000
## 1007749	1.0000000	0.000000	0.000000	8.800000
## 1007938	1.0000000	1.060000	0.000000	6.360000
## 1008009	1.0000000	0.000000	0.000000	13.300000
## 1008117	1.0000000	0.000000	0.000000	13.300000
## 1009209	1.0000000	0.000000	0.000000	4.300000
## 1009451	1.0000000	0.000000	0.000000	16.800000
## 1009839	1.0000000	2.050000	0.000000	12.350000
## 1011444	1.0000000	0.000000	0.000000	5.300000
## 1012079	1.0000000	1.450000	0.000000	7.250000
## 1012106	1.0000000	1.760000	0.000000	10.560000
## 1012126	1.0000000	5.560000	0.000000	31.860000
## 1012583	1.0000000	0.000000	0.000000	4.300000
## 1012632	1.0000000	0.000000	0.000000	4.300000
## 1013175	1.0000000	2.260000	0.000000	13.560000
## 1013518	1.0000000	5.060000	0.000000	30.360000
## 1013962	1.0000000	0.000000	0.000000	19.800000
## 1014229	1.0000000	3.650000	0.000000	15.950000
## 1015200	1.0000000	0.000000	0.000000	9.300000
## 1016374	1.0000000	1.000000	0.000000	16.800000
## 1016704	0.0000000	0.000000	0.000000	15.000000
## 1016765	1.0000000	0.000000	0.000000	4.800000
## 1016784	1.0000000	0.000000	0.000000	8.800000
## 1017281	1.0000000	0.000000	0.000000	5.800000
## 1017594	1.0000000	2.060000	0.000000	12.360000
## 1018230	1.0000000	15.200000	0.000000	66.000000
## 1018381	1.0000000	4.450000	0.000000	22.250000
## 1018470	1.0000000	0.000000	0.000000	6.300000
## 1018586	1.0000000	2.500000	0.000000	29.800000
## 1018670	1.0000000	8.450000	0.000000	42.250000
## 1018725	0.0000000	8.000000	0.000000	63.000000
## 1018818	1.0000000	0.000000	0.000000	12.800000
## 1018853	1.0000000	0.000000	0.000000	5.800000
## 1019079	1.0000000	0.000000	0.000000	12.300000
## 1020250	1.0000000	0.000000	0.000000	5.300000
## 1020464	1.0000000	1.200000	0.000000	11.000000
## 1020610	1.0000000	0.000000	0.000000	10.300000
## 1020683	1.0000000	0.000000	0.000000	6.300000
## 1020736	1.0000000	0.000000	0.000000	15.300000

## 1020956	1.0000000	0.000000	0.000000	13.800000
## 1020963	1.0000000	0.000000	0.000000	11.300000
## 1021075	1.0000000	0.000000	0.000000	5.300000
## 1021087	1.0000000	3.060000	0.000000	18.360000
## 1021157	1.0000000	1.000000	0.000000	10.800000
## 1021612	1.0000000	0.000000	0.000000	12.800000
## 1022092	1.0000000	3.500000	0.000000	21.800000
## 1022204	1.0000000	0.000000	0.000000	5.300000
## 1022220	1.0000000	0.000000	0.000000	10.800000
## 1022221	1.0000000	0.000000	0.000000	5.300000
## 1022459	1.0000000	0.000000	0.000000	7.300000
## 1022524	1.0000000	6.750000	5.540000	40.590000
## 1022535	1.0000000	0.000000	0.000000	5.300000
## 1022722	1.0000000	0.000000	0.000000	10.800000
## 1023348	1.0000000	0.000000	0.000000	10.300000
## 1023493	1.0000000	0.000000	0.000000	8.300000
## 1023726	1.0000000	0.000000	0.000000	4.300000
## 1024084	1.0000000	0.000000	0.000000	5.300000
## 1024664	1.0000000	0.000000	0.000000	6.300000
## 1024685	1.0000000	0.000000	0.000000	7.800000
## 1024868	1.0000000	0.000000	0.000000	13.300000
## 1025037	1.0000000	0.000000	0.000000	13.800000
## 1025138	1.0000000	0.000000	0.000000	12.300000
## 1025256	1.0000000	0.000000	0.000000	24.800000
## 1025578	1.0000000	0.000000	0.000000	6.300000
## 1026066	1.0000000	0.000000	0.000000	5.800000
## 1026075	1.0000000	0.000000	0.000000	6.300000
## 1026269	1.0000000	2.700000	0.000000	18.000000
## 1026874	1.0000000	0.000000	0.000000	20.800000
## 1027096	1.0000000	2.000000	0.000000	11.300000
## 1027480	1.0000000	0.000000	0.000000	5.800000
## 1027613	1.0000000	0.000000	0.000000	10.300000
## 1028105	1.0000000	0.000000	2.540000	16.340000
## 1028198	1.0000000	0.000000	0.000000	10.800000
## 1028262	1.0000000	0.000000	0.000000	14.800000
## 1028320	1.0000000	0.000000	0.000000	6.800000
## 1028639	1.0000000	1.250000	0.000000	7.550000
## 1028843	1.0000000	0.000000	0.000000	16.300000
## 1030050	1.0000000	0.000000	0.000000	8.800000
## 1030696	1.0000000	6.900000	0.000000	42.200000
## 1030799	1.0000000	12.000000	0.000000	74.300000
## 1031116	1.0000000	0.000000	0.000000	7.800000
## 1032403	1.0000000	0.000000	0.000000	30.800000
## 1032451	1.0000000	0.000000	0.000000	29.800000
## 1032522	1.0000000	0.000000	0.000000	6.800000
## 1032564	1.0000000	0.000000	0.000000	12.300000
## 1032595	1.0000000	0.000000	0.000000	9.300000
## 1032853	1.0000000	0.000000	0.000000	26.800000
## 1033060	1.0000000	3.260000	0.000000	19.560000
## 1033103	1.0000000	0.000000	0.000000	13.300000
## 1033610	1.0000000	1.560000	0.000000	9.360000
## 1033830	1.0000000	0.000000	0.000000	12.300000
## 1033879	1.0000000	0.000000	0.000000	7.300000
## 1034054	1.0000000	0.000000	0.000000	9.800000
## 1035045	1.0000000	0.000000	0.000000	20.800000
## 1035106	1.0000000	4.860000	0.000000	29.160000
## 1035794	1.0000000	0.000000	0.000000	8.800000
## 1035845	1.0000000	0.000000	0.000000	11.300000
## 1036006	1.0000000	4.660000	0.000000	27.960000
## 1036151	1.0000000	0.000000	0.000000	6.800000
## 1036399	1.0000000	1.350000	0.000000	8.150000
## 1036950	1.0000000	1.950000	0.000000	9.750000
## 1036993	1.0000000	3.000000	0.000000	19.800000
## 1037026	1.0000000	0.000000	0.000000	5.800000

## 1037109	1.0000000	0.000000	0.000000	6.800000
## 1037588	1.0000000	0.000000	0.000000	12.300000
## 1038244	1.0000000	1.260000	0.000000	7.560000
## 1038810	1.0000000	5.970000	5.540000	35.810000
## 1039262	1.0000000	0.000000	0.000000	11.800000
## 1039338	1.0000000	1.200000	0.000000	17.000000
## 1039481	1.0000000	1.000000	0.000000	8.300000
## 1039548	1.0000000	4.950000	0.000000	24.750000
## 1039895	1.0000000	0.000000	0.000000	15.800000
## 1040270	1.0000000	3.360000	0.000000	20.160000
## 1040296	1.0000000	2.040000	0.000000	8.840000
## 1040602	1.0000000	0.000000	0.000000	17.800000
## 1040799	1.0000000	0.000000	0.000000	11.800000
## 1041637	1.0000000	4.460000	0.000000	26.760000
## 1041694	1.0000000	2.260000	0.000000	13.560000
## 1041819	1.0000000	1.860000	0.000000	11.160000
## 1041863	1.0000000	0.000000	0.000000	20.300000
## 1041868	1.0000000	0.000000	0.000000	15.800000
## 1042583	1.0000000	0.000000	0.000000	24.800000
## 1043006	1.0000000	2.580000	0.000000	12.880000
## 1043035	1.0000000	1.000000	0.000000	6.300000
## 1043405	1.0000000	0.000000	0.000000	17.300000
## 1043435	1.0000000	0.000000	0.000000	7.300000
## 1043544	1.0000000	0.000000	0.000000	4.800000
## 1043560	1.0000000	0.000000	0.000000	8.300000
## 1044030	1.0000000	1.560000	0.000000	9.360000
## 1045086	1.0000000	2.150000	0.000000	12.950000
## 1045117	1.0000000	0.000000	0.000000	15.800000
## 1045130	1.0000000	0.000000	0.000000	8.800000
## 1046071	1.0000000	0.000000	5.540000	30.840000
## 1046127	1.0000000	2.700000	0.000000	16.000000
## 1046139	1.0000000	0.000000	0.000000	6.300000
## 1046188	1.0000000	0.000000	0.000000	7.800000
## 1046655	1.0000000	0.000000	0.000000	12.800000
## 1046713	1.0000000	0.000000	0.000000	6.300000
## 1046962	1.0000000	0.000000	0.000000	13.300000
## 1047233	1.0000000	0.000000	0.000000	7.300000
## 1047475	1.0000000	0.000000	0.000000	8.800000
## 1047548	1.0000000	0.000000	0.000000	14.800000
## 1047834	1.0000000	4.200000	0.000000	10.000000
## 1047966	1.0000000	2.660000	0.000000	15.960000
## 1048905	1.0000000	0.000000	0.000000	8.800000
## 1049294	1.0000000	0.000000	0.000000	6.300000
## 1049381	1.0000000	0.200000	0.000000	9.000000
## 1049533	1.0000000	1.000000	0.000000	18.800000
## 1049710	1.0000000	2.560000	0.000000	15.360000
## 1050688	1.0000000	1.060000	0.000000	6.360000
## 1051048	1.0000000	3.000000	0.000000	10.300000
## 1051761	1.0000000	0.000000	0.000000	6.800000
## 1051986	1.0000000	0.000000	0.000000	20.300000
## 1052040	1.0000000	1.000000	0.000000	7.300000
## 1052302	1.0000000	0.000000	0.000000	15.300000
## 1053373	1.0000000	0.000000	0.000000	7.300000
## 1053695	1.0000000	2.460000	0.000000	14.760000
## 1053901	1.0000000	0.000000	0.000000	26.800000
## 1053905	1.0000000	0.000000	0.000000	6.800000
## 1054101	1.0000000	2.860000	0.000000	17.160000
## 1054394	1.0000000	4.060000	0.000000	24.360000
## 1054726	1.0000000	3.260000	0.000000	19.560000
## 1054777	1.0000000	2.360000	0.000000	14.160000
## 1055029	1.0000000	0.000000	0.000000	7.800000
## 1055816	1.0000000	1.460000	0.000000	8.760000
## 1055963	1.0000000	1.550000	0.000000	9.350000
## 1055966	1.0000000	0.000000	0.000000	13.800000

## 1056076	1.0000000	0.000000	0.000000	8.300000
## 1056486	1.0000000	1.950000	0.000000	11.750000
## 1056792	1.0000000	0.000000	0.000000	6.300000
## 1056890	1.0000000	2.000000	0.000000	13.300000
## 1057041	1.0000000	14.450000	0.000000	72.250000
## 1057169	1.0000000	1.820000	0.000000	9.120000
## 1057309	1.0000000	0.000000	0.000000	7.300000
## 1057325	1.0000000	0.000000	0.000000	11.800000
## 1057380	1.0000000	0.000000	0.000000	6.800000
## 1057550	1.0000000	0.000000	0.000000	18.800000
## 1057738	1.0000000	0.000000	0.000000	23.300000
## 1059189	1.0000000	0.000000	0.000000	18.800000
## 1059220	1.0000000	1.250000	0.000000	7.550000
## 1059611	1.0000000	4.890000	0.000000	21.190000
## 1059939	1.0000000	1.460000	0.000000	8.760000
## 1060005	1.0000000	0.000000	0.000000	8.300000
## 1060517	1.0000000	0.000000	0.000000	13.300000
## 1060558	1.0000000	4.200000	0.000000	21.000000
## 1060902	1.0000000	2.450000	0.000000	12.250000
## 1061040	1.0000000	1.360000	0.000000	8.160000
## 1061310	1.0000000	0.000000	0.000000	7.800000
## 1061326	1.0000000	3.050000	0.000000	15.350000
## 1062330	1.0000000	2.940000	0.000000	12.740000
## 1062466	1.0000000	3.960000	0.000000	23.760000
## 1062860	1.0000000	1.700000	0.000000	8.500000
## 1063031	1.0000000	0.000000	0.000000	9.300000
## 1064023	1.0000000	0.000000	0.000000	21.300000
## 1064105	1.0000000	0.000000	0.000000	10.300000
## 1064386	1.0000000	2.760000	0.000000	16.560000
## 1064397	1.0000000	0.000000	0.000000	23.300000
## 1064479	0.0000000	0.000000	0.000000	0.000000
## 1064690	1.0000000	5.250000	0.000000	31.550000
## 1065284	1.0000000	0.000000	0.000000	25.300000
## 1065468	1.0000000	1.550000	0.000000	7.850000
## 1066059	1.0000000	1.450000	0.000000	7.250000
## 1066090	1.0000000	0.000000	0.000000	8.300000
## 1066138	1.0000000	0.000000	0.000000	12.300000
## 1066657	1.0000000	0.320000	0.000000	6.620000
## 1066813	1.0000000	2.000000	0.000000	15.800000
## 1066837	1.0000000	0.000000	0.000000	8.300000
## 1067216	1.0000000	1.440000	0.000000	6.240000
## 1067328	1.0000000	0.000000	0.000000	25.800000
## 1067552	1.0000000	2.450000	0.000000	12.250000
## 1067775	1.0000000	5.560000	0.000000	33.360000
## 1067830	1.0000000	0.000000	0.000000	15.300000
## 1067910	1.0000000	4.850000	0.000000	29.150000
## 1067948	1.0000000	1.000000	0.000000	11.800000
## 1068412	1.0000000	0.000000	0.000000	34.300000
## 1068723	1.0000000	1.000000	0.000000	22.300000
## 1068893	1.0000000	2.000000	0.000000	14.300000
## 1069462	1.0000000	0.000000	0.000000	6.800000
## 1069982	1.0000000	0.000000	0.000000	6.800000
## 1070072	1.0000000	0.000000	0.000000	28.300000
## 1070246	1.0000000	0.000000	0.000000	8.300000
## 1070366	1.0000000	3.690000	0.000000	15.990000
## 1070513	1.0000000	0.000000	0.000000	19.800000
## 1070673	1.0000000	2.650000	0.000000	15.950000
## 1071596	1.0000000	1.460000	0.000000	8.760000
## 1071696	1.0000000	0.000000	0.000000	35.300000
## 1071985	1.0000000	0.000000	0.000000	5.300000
## 1072141	1.0000000	0.000000	0.000000	4.300000
## 1072955	1.0000000	0.000000	0.000000	18.800000
## 1073049	1.0000000	0.000000	0.000000	5.800000
## 1073286	1.0000000	0.000000	0.000000	9.800000

## 1074148	1.0000000	0.000000	0.000000	6.800000
## 1074277	1.0000000	5.040000	0.000000	21.840000
## 1074324	1.0000000	0.000000	0.000000	7.800000
## 1074454	1.0000000	1.260000	0.000000	7.560000
## 1074730	1.0000000	0.000000	0.000000	15.300000
## 1074997	1.0000000	0.000000	0.000000	10.800000
## 1075221	1.0000000	0.000000	0.000000	13.300000
## 1075782	1.0000000	4.760000	0.000000	28.560000
## 1076118	1.0000000	2.580000	0.000000	12.880000
## 1076119	1.0000000	0.000000	0.000000	11.800000
## 1076441	1.0000000	4.060000	0.000000	24.360000
## 1076460	1.0000000	0.000000	0.000000	9.300000
## 1076465	1.0000000	2.000000	0.000000	16.300000
## 1076468	1.0000000	0.000000	0.000000	7.300000
## 1076707	1.0000000	0.000000	0.000000	5.800000
## 1079058	1.0000000	1.950000	0.000000	9.750000
## 1079163	1.0000000	1.050000	0.000000	6.350000
## 1079176	1.0000000	0.000000	0.000000	5.300000
## 1079765	1.0000000	2.700000	0.000000	13.500000
## 1079812	1.0000000	2.060000	0.000000	12.360000
## 1079980	1.0000000	0.000000	0.000000	8.800000
## 1080159	1.0000000	0.000000	0.000000	10.800000
## 1080531	1.0000000	4.590000	0.000000	19.890000
## 1080584	1.0000000	2.260000	0.000000	13.560000
## 1080648	1.0000000	1.000000	0.000000	9.300000
## 1080769	1.0000000	2.000000	0.000000	31.800000
## 1081096	1.0000000	0.000000	0.000000	11.300000
## 1081809	1.0000000	4.000000	0.000000	18.800000
## 1081883	1.0000000	0.000000	0.000000	5.300000
## 1082159	1.0000000	0.000000	0.000000	6.300000
## 1082201	1.0000000	2.200000	0.000000	11.000000
## 1082214	1.0000000	0.000000	0.000000	6.300000
## 1082461	1.0000000	0.000000	0.000000	26.800000
## 1082509	1.0000000	1.580000	0.000000	7.880000
## 1082764	1.0000000	2.860000	0.000000	17.160000
## 1082821	1.0000000	0.000000	0.000000	8.300000
## 1084052	1.0000000	1.560000	0.000000	9.360000
## 1084567	1.0000000	1.560000	0.000000	9.360000
## 1084596	1.0000000	2.760000	0.000000	16.560000
## 1084632	1.0000000	0.000000	0.000000	7.300000
## 1084734	1.0000000	2.790000	0.000000	12.090000
## 1084760	1.0000000	2.160000	0.000000	12.960000
## 1085188	1.0000000	0.000000	0.000000	6.300000
## 1085203	1.0000000	0.000000	0.000000	7.800000
## 1085262	1.0000000	0.000000	0.000000	14.800000
## 1085286	1.0000000	1.750000	0.000000	10.550000
## 1085433	1.0000000	0.000000	0.000000	17.800000
## 1086495	1.0000000	2.000000	0.000000	14.300000
## 1086683	1.0000000	0.000000	0.000000	5.800000
## 1086734	1.0000000	0.000000	0.000000	7.800000
## 1086825	1.0000000	2.800000	0.000000	14.100000
## 1086873	1.0000000	3.750000	0.000000	22.550000
## 1086954	1.0000000	0.000000	0.000000	10.300000
## 1087113	1.0000000	0.000000	0.000000	7.300000
## 1087356	1.0000000	1.660000	0.000000	9.960000
## 1087427	1.0000000	0.000000	0.000000	8.800000
## 1087485	1.0000000	0.000000	0.000000	8.300000
## 1087804	1.0000000	2.060000	0.000000	12.360000
## 1088042	1.0000000	3.950000	0.000000	19.750000
## 1088377	1.0000000	0.000000	0.000000	17.800000
## 1089173	1.0000000	0.000000	0.000000	7.300000
## 1089289	1.0000000	1.000000	0.000000	11.800000
## 1089576	1.0000000	0.000000	0.000000	7.300000
## 1090529	1.0000000	0.000000	0.000000	6.300000

## 1090570	1.0000000	0.000000	0.000000	11.800000
## 1090656	1.0000000	1.450000	0.000000	7.250000
## 1090886	1.0000000	0.000000	0.000000	10.300000
## 1091094	1.0000000	0.000000	0.000000	11.300000
## 1091265	1.0000000	0.000000	0.000000	10.800000
## 1091266	1.0000000	0.000000	0.000000	7.800000
## 1091540	1.0000000	3.050000	0.000000	13.350000
## 1091657	1.0000000	2.760000	0.000000	16.560000
## 1091702	1.0000000	0.000000	0.000000	9.800000
## 1091919	0.0000000	0.000000	0.000000	0.000000
## 1092100	1.0000000	0.000000	0.000000	26.300000
## 1092461	1.0000000	0.000000	0.000000	4.300000
## 1092840	1.0000000	0.000000	0.000000	6.800000
## 1092907	1.0000000	3.860000	0.000000	23.160000
## 1092986	1.0000000	3.660000	0.000000	21.960000
## 1093333	1.0000000	0.000000	0.000000	17.800000
## 1093876	1.0000000	1.000000	0.000000	11.300000
## 1094557	1.0000000	1.000000	0.000000	13.300000
## 1094807	1.0000000	3.950000	0.000000	19.750000
## 1094817	1.0000000	0.000000	0.000000	9.800000
## 1095046	1.0000000	0.000000	0.000000	28.800000
## 1095105	1.0000000	0.000000	0.000000	13.300000
## 1095182	1.0000000	0.000000	0.000000	6.800000
## 1095467	1.0000000	0.000000	0.000000	8.300000
## 1095920	1.0000000	4.960000	0.000000	29.760000
## 1096022	1.0000000	5.960000	0.000000	35.760000
## 1096482	1.0000000	0.000000	0.000000	6.300000
## 1096616	1.0000000	0.000000	0.000000	11.300000
## 1096848	1.0000000	1.250000	0.000000	7.550000
## 1097552	1.0000000	0.000000	0.000000	6.300000
## 1097750	1.0000000	0.000000	0.000000	7.800000
## 1097781	1.0000000	1.020000	0.000000	7.820000
## 1098023	1.0000000	1.700000	0.000000	8.500000
## 1098138	1.0000000	0.000000	0.000000	13.300000
## 1098297	1.0000000	2.500000	0.000000	28.300000
## 1098427	1.0000000	0.000000	0.000000	52.800000
## 1098581	1.0000000	2.960000	0.000000	17.760000
## 1098788	1.0000000	2.660000	0.000000	15.960000
## 1099271	1.0000000	0.000000	0.000000	11.300000
## 1099318	1.0000000	0.000000	0.000000	14.300000
## 1099947	1.0000000	0.000000	0.000000	57.800000
## 1099966	1.0000000	5.790000	0.000000	25.090000
## 1100247	1.0000000	0.000000	0.000000	19.300000
## 1100404	1.0000000	0.000000	0.000000	7.800000
## 1100593	1.0000000	1.560000	0.000000	9.360000
## 1100627	1.0000000	0.000000	0.000000	6.800000
## 1101334	1.0000000	1.850000	0.000000	11.150000
## 1101907	1.0000000	1.000000	0.000000	10.800000
## 1102236	1.0000000	1.580000	0.000000	7.880000
## 1102622	1.0000000	0.000000	0.000000	13.300000
## 1102861	1.0000000	0.000000	0.000000	4.800000
## 1103306	1.0000000	0.000000	0.000000	25.800000
## 1103530	1.0000000	0.000000	0.000000	18.800000
## 1104448	1.0000000	0.000000	0.000000	11.300000
## 1104681	1.0000000	9.860000	0.000000	59.160000
## 1104899	1.0000000	0.000000	0.000000	16.800000
## 1105050	1.0000000	0.000000	0.000000	4.800000
## 1105268	1.0000000	0.000000	0.000000	15.300000
## 1105364	1.0000000	6.150000	0.000000	36.950000
## 1105600	1.0000000	2.260000	0.000000	13.560000
## 1105612	1.0000000	0.000000	0.000000	4.300000
## 1106343	1.0000000	0.000000	0.000000	15.800000
## 1106638	1.0000000	0.000000	0.000000	23.800000
## 1106677	1.0000000	2.960000	0.000000	17.760000

## 1106818	1.0000000	0.000000	0.000000	8.300000
## 1107945	1.0000000	2.080000	0.000000	10.380000
## 1108703	1.0000000	1.000000	0.000000	22.800000
## 1109121	1.0000000	0.000000	0.000000	14.300000
## 1109191	1.0000000	0.000000	0.000000	20.300000
## 1109360	1.0000000	4.700000	0.000000	31.000000
## 1109733	1.0000000	0.000000	0.000000	5.300000
## 1109848	1.0000000	0.000000	0.000000	13.800000
## 1110413	1.0000000	0.000000	0.000000	14.800000
## 1110447	1.0000000	0.000000	0.000000	40.800000
## 1110586	1.0000000	2.360000	0.000000	14.160000
## 1110749	1.0000000	3.360000	0.000000	20.160000
## 1110936	1.0000000	0.000000	0.000000	8.300000
## 1111007	1.0000000	5.000000	0.000000	8.300000
## 1111288	1.0000000	0.000000	0.000000	15.300000
## 1111337	1.0000000	0.000000	0.000000	9.800000
## 1111352	1.0000000	0.000000	0.000000	5.300000
## 1111392	1.0000000	3.200000	0.000000	16.000000
## 1111483	1.0000000	7.900000	0.000000	48.200000
## 1111993	1.0000000	0.000000	0.000000	6.800000
## 1112263	0.0000000	0.000000	0.000000	12.000000
## 1112650	1.0000000	1.500000	0.000000	14.300000
## 1112939	1.0000000	0.000000	0.000000	12.300000
## 1113580	1.0000000	0.000000	0.000000	5.800000
## 1113773	1.0000000	2.000000	0.000000	13.800000
## 1114508	1.0000000	5.000000	0.000000	38.300000
## 1114580	1.0000000	5.650000	0.000000	33.950000
## 1114985	1.0000000	4.960000	0.000000	29.760000
## 1115941	1.0000000	0.000000	0.000000	13.300000
## 1116886	1.0000000	1.320000	0.000000	6.620000
## 1117163	1.0000000	0.000000	0.000000	5.800000
## 1117322	1.0000000	2.450000	0.000000	12.250000
## 1118307	1.0000000	2.790000	0.000000	12.090000
## 1118325	1.0000000	0.000000	0.000000	13.800000
## 1119068	1.0000000	0.000000	0.000000	8.300000
## 1119738	1.0000000	0.000000	0.000000	10.800000
## 1119868	1.0000000	0.000000	0.000000	37.300000
## 1120005	1.0000000	1.000000	0.000000	7.800000
## 1120372	1.0000000	1.700000	0.000000	11.000000
## 1120733	1.0000000	0.000000	0.000000	10.800000
## 1121949	1.0000000	0.000000	0.000000	11.300000
## 1122005	1.0000000	3.000000	0.000000	16.300000
## 1122227	1.0000000	0.000000	0.000000	6.800000
## 1122284	1.0000000	0.000000	0.000000	9.800000
## 1122405	1.0000000	1.000000	0.000000	8.300000
## 1122993	1.0000000	3.000000	0.000000	20.300000
## 1123681	1.0000000	0.000000	0.000000	9.800000
## 1123719	1.0000000	0.500000	0.000000	7.800000
## 1123748	1.0000000	0.000000	0.000000	11.300000
## 1123931	1.0000000	0.000000	0.000000	8.800000
## 1124127	1.0000000	0.000000	0.000000	23.800000
## 1124232	1.0000000	3.000000	0.000000	26.300000
## 1124668	1.0000000	1.260000	0.000000	7.560000
## 1125693	1.0000000	0.000000	0.000000	7.300000
## 1125721	1.0000000	3.820000	0.000000	19.120000
## 1125894	1.0000000	0.000000	0.000000	14.800000
## 1126502	1.0000000	3.000000	0.000000	19.300000
## 1126782	1.0000000	0.000000	0.000000	11.300000
## 1126795	1.0000000	0.000000	0.000000	50.800000
## 1126822	1.0000000	0.000000	0.000000	8.300000
## 1126838	1.0000000	0.000000	0.000000	7.300000
## 1127219	1.0000000	0.000000	0.000000	6.300000
## 1127257	0.0000000	0.000000	0.000000	8.000000
## 1127477	1.0000000	2.950000	0.000000	14.750000

## 1127488	1.0000000	3.820000	0.000000	30.120000
## 1127650	1.0000000	1.740000	0.000000	7.540000
## 1127929	1.0000000	1.000000	0.000000	7.800000
## 1127939	1.0000000	4.460000	0.000000	26.760000
## 1129002	1.0000000	0.000000	0.000000	7.300000
## 1129140	1.0000000	0.000000	0.000000	10.800000
## 1129354	1.0000000	1.330000	0.000000	14.630000
## 1129408	1.0000000	4.320000	0.000000	21.620000
## 1129738	1.0000000	2.700000	0.000000	18.000000
## 1129759	1.0000000	0.000000	0.000000	11.800000
## 1130026	1.0000000	0.000000	0.000000	17.300000
## 1130070	1.0000000	2.000000	0.000000	25.300000
## 1130357	1.0000000	0.000000	0.000000	20.300000
## 1130614	1.0000000	3.050000	0.000000	18.350000
## 1130776	1.0000000	1.200000	0.000000	12.000000
## 1130869	1.0000000	0.000000	0.000000	8.300000
## 1130907	1.0000000	3.000000	0.000000	20.300000
## 1131025	1.0000000	0.080000	0.000000	9.880000
## 1131256	1.0000000	0.000000	0.000000	4.300000
## 1131339	1.0000000	4.560000	0.000000	27.360000
## 1131898	1.0000000	2.460000	0.000000	14.760000
## 1131914	1.0000000	0.000000	0.000000	8.300000
## 1132079	1.0000000	0.000000	0.000000	10.800000
## 1132419	1.0000000	2.250000	0.000000	13.550000
## 1132868	1.0000000	1.360000	0.000000	8.160000
## 1133002	1.0000000	0.000000	0.000000	20.800000
## 1133452	1.0000000	3.990000	0.000000	17.290000
## 1134331	1.0000000	0.000000	0.000000	5.800000
## 1134670	1.0000000	5.000000	0.000000	18.300000
## 1134899	1.0000000	1.860000	0.000000	11.160000
## 1135116	1.0000000	1.960000	0.000000	11.760000
## 1135135	1.0000000	0.000000	0.000000	13.800000
## 1135344	1.0000000	1.000000	0.000000	12.800000
## 1135437	1.0000000	5.060000	0.000000	30.360000
## 1135627	1.0000000	4.650000	0.000000	27.950000
## 1135741	1.0000000	0.000000	0.000000	14.300000
## 1136028	1.0000000	6.860000	0.000000	41.160000
## 1137459	1.0000000	1.000000	0.000000	7.300000
## 1137696	1.0000000	8.450000	0.000000	36.750000
## 1137866	1.0000000	2.000000	0.000000	7.800000
## 1138281	1.0000000	1.000000	0.000000	15.800000
## 1138697	1.0000000	0.000000	5.540000	30.340000
## 1138850	1.0000000	0.000000	0.000000	14.800000
## 1138968	1.0000000	2.260000	0.000000	13.560000
## 1139048	1.0000000	0.000000	0.000000	45.800000
## 1139622	1.0000000	3.000000	0.000000	20.300000
## 1139811	1.0000000	0.000000	0.000000	14.300000
## 1139827	1.0000000	2.000000	0.000000	38.800000
## 1140083	1.0000000	0.000000	0.000000	10.300000
## 1140523	1.0000000	2.000000	0.000000	9.300000
## 1140939	1.0000000	2.000000	0.000000	22.800000
## 1141623	1.0000000	0.000000	0.000000	27.800000
## 1141631	1.0000000	1.820000	0.000000	9.120000
## 1141930	1.0000000	3.450000	0.000000	17.250000
## 1141985	1.0000000	2.760000	0.000000	16.560000
## 1142004	1.0000000	0.000000	0.000000	3.800000
## 1142032	1.0000000	0.000000	0.000000	8.800000
## 1142505	1.0000000	0.000000	0.000000	10.300000
## 1142853	1.0000000	0.000000	0.000000	18.800000
## 1142881	1.0000000	0.000000	0.000000	9.800000
## 1143292	1.0000000	0.000000	0.000000	5.800000
## 1143611	1.0000000	0.000000	0.000000	21.300000
## 1144347	1.0000000	0.000000	0.000000	12.800000
## 1144351	1.0000000	0.000000	0.000000	21.800000

## 1144573	1.0000000	0.000000	0.000000	15.800000
## 1144672	1.0000000	1.750000	0.000000	10.550000
## 1145525	1.0000000	3.580000	0.000000	17.880000
## 1146242	1.0000000	0.000000	0.000000	13.300000
## 1146435	1.0000000	0.000000	0.000000	50.800000
## 1147173	1.0000000	0.000000	0.000000	31.300000
## 1147521	1.0000000	0.000000	0.000000	11.800000
## 1147604	1.0000000	0.000000	0.000000	11.300000
## 1148369	1.0000000	0.000000	0.000000	5.800000
## 1148537	1.0000000	0.000000	0.000000	6.800000
## 1148541	1.0000000	0.000000	0.000000	15.800000
## 1148765	1.0000000	0.000000	0.000000	8.300000
## 1149606	1.0000000	4.960000	0.000000	29.760000
## 1149634	1.0000000	0.000000	0.000000	10.800000
## 1150555	1.0000000	3.000000	0.000000	33.800000
## 1150717	1.0000000	0.000000	0.000000	8.300000
## 1150936	1.0000000	0.000000	0.000000	6.800000
## 1151355	1.0000000	0.000000	0.000000	17.300000
## 1151557	1.0000000	0.000000	0.000000	16.800000
## 1151641	1.0000000	0.000000	0.000000	8.800000
## 1152392	1.0000000	0.000000	0.000000	5.300000
## 1152592	0.0000000	0.000000	0.000000	40.000000
## 1152891	1.0000000	0.000000	0.000000	12.800000
## 1153028	1.0000000	3.700000	0.000000	18.500000
## 1153423	1.0000000	1.060000	0.000000	6.360000
## 1153484	1.0000000	0.000000	0.000000	29.800000
## 1153579	1.0000000	0.000000	0.000000	29.800000
## 1153625	1.0000000	0.000000	0.000000	6.800000
## 1154146	1.0000000	0.000000	0.000000	18.300000
## 1155101	1.0000000	0.000000	0.000000	9.800000
## 1155423	1.0000000	0.000000	0.000000	5.300000
## 1155751	1.0000000	0.000000	0.000000	7.800000
## 1156766	1.0000000	0.000000	0.000000	5.800000
## 1157328	1.0000000	0.000000	0.000000	22.800000
## 1157482	1.0000000	1.000000	0.000000	10.300000
## 1157764	1.0000000	0.000000	0.000000	9.300000
## 1157903	1.0000000	2.960000	0.000000	17.760000
## 1158310	1.0000000	3.000000	0.000000	17.800000
## 1158523	1.0000000	0.000000	0.000000	5.800000
## 1158565	1.0000000	0.000000	0.000000	9.300000
## 1158619	1.0000000	0.000000	0.000000	15.300000
## 1158739	1.0000000	2.160000	0.000000	12.960000
## 1159051	1.0000000	4.200000	0.000000	21.000000
## 1159456	1.0000000	3.450000	0.000000	17.250000
## 1159640	1.0000000	0.000000	0.000000	6.300000
## 1159866	1.0000000	2.160000	0.000000	12.960000
## 1160188	1.0000000	30.554033	0.000000	53.800000
## 1160725	1.0000000	3.150000	0.000000	18.950000
## 1160809	1.0000000	1.560000	0.000000	9.360000
## 1160823	1.0000000	1.660000	0.000000	9.960000
## 1160905	1.0000000	0.000000	0.000000	6.800000
## 1161779	1.0000000	0.000000	0.000000	11.800000
## 1161921	1.0000000	0.000000	0.000000	16.300000
## 1162394	1.0000000	2.060000	0.000000	12.360000
## 1162496	1.0000000	0.000000	0.000000	11.800000
## 1162565	1.0000000	1.960000	0.000000	11.760000
## 1163359	1.0000000	0.000000	0.000000	11.800000
## 1163957	1.0000000	5.370000	5.540000	32.210000
## 1164079	1.0000000	4.700000	0.000000	23.500000
## 1164631	1.0000000	0.000000	0.000000	11.800000
## 1165744	1.0000000	1.000000	0.000000	12.300000
## 1165833	1.0000000	1.060000	0.000000	14.360000
## 1165961	1.0000000	0.000000	0.000000	9.800000
## 1166004	1.0000000	0.000000	0.000000	25.300000

## 1166551	1.0000000	1.500000	0.000000	15.300000
## 1166633	1.0000000	1.000000	0.000000	17.800000
## 1167269	1.0000000	2.000000	0.000000	21.300000
## 1167706	1.0000000	0.000000	0.000000	6.300000
## 1167970	1.0000000	0.000000	0.000000	8.300000
## 1168291	1.0000000	17.686293	0.000000	73.300000
## 1168703	1.0000000	0.000000	0.000000	6.800000
## 1168834	1.0000000	1.000000	0.000000	8.800000
## 1169758	1.0000000	0.000000	0.000000	8.300000
## 1170028	1.0000000	2.000000	0.000000	9.800000
## 1170045	1.0000000	4.450000	0.000000	26.750000
## 1170073	1.0000000	0.000000	0.000000	13.300000
## 1170285	1.0000000	6.350000	0.000000	38.150000
## 1170620	1.0000000	0.000000	0.000000	5.800000
## 1170730	1.0000000	0.000000	0.000000	7.800000
## 1171289	1.0000000	2.200000	0.000000	16.000000
## 1171408	1.0000000	0.000000	0.000000	6.300000
## 1171725	1.0000000	1.760000	0.000000	10.560000
## 1171797	1.0000000	1.060000	0.000000	6.360000
## 1171999	1.0000000	0.000000	0.000000	9.300000
## 1172189	1.0000000	0.000000	0.000000	15.800000
## 1172442	1.0000000	0.000000	0.000000	10.300000
## 1172698	1.0000000	1.850000	0.000000	8.150000
## 1172869	1.0000000	0.000000	0.000000	7.300000
## 1172882	1.0000000	0.000000	0.000000	6.300000
## 1173204	1.0000000	0.000000	0.000000	6.800000
## 1173387	1.0000000	1.000000	0.000000	18.800000
## 1173527	1.0000000	3.360000	0.000000	20.160000
## 1173721	1.0000000	2.460000	0.000000	14.760000
## 1173810	1.0000000	1.660000	0.000000	9.960000
## 1174008	1.0000000	0.000000	0.000000	14.800000
## 1174078	1.0000000	0.000000	0.000000	6.300000
## 1175277	1.0000000	0.000000	0.000000	15.800000
## 1175383	1.0000000	0.000000	0.000000	7.300000
## 1175555	1.0000000	0.000000	0.000000	9.800000
## 1175597	1.0000000	1.360000	0.000000	8.160000
## 1176028	1.0000000	0.000000	0.000000	6.800000
## 1176688	1.0000000	0.000000	0.000000	30.800000
## 1176817	1.0000000	2.000000	0.000000	13.800000
## 1176870	1.0000000	1.000000	0.000000	6.800000
## 1176950	1.0000000	3.960000	0.000000	23.760000
## 1176976	1.0000000	0.000000	0.000000	4.300000
## 1177876	1.0000000	0.000000	0.000000	9.800000
## 1178813	1.0000000	0.000000	0.000000	20.300000
## 1178951	1.0000000	0.000000	0.000000	8.300000
## 1179044	1.0000000	0.000000	0.000000	8.800000
## 1179119	1.0000000	0.000000	0.000000	17.800000
## 1179421	1.0000000	0.000000	0.000000	11.300000
## 1179577	1.0000000	0.000000	0.000000	15.300000
## 1179652	1.0000000	0.000000	0.000000	7.800000
## 1179807	1.0000000	5.450000	0.000000	27.250000
## 1179931	1.0000000	0.000000	0.000000	10.300000
## 1179971	1.0000000	0.000000	0.000000	14.800000
## 1180047	1.0000000	0.000000	0.000000	5.800000
## 1180489	1.0000000	0.000000	0.000000	7.800000
## 1181093	1.0000000	0.000000	0.000000	6.300000
## 1181263	1.0000000	0.000000	0.000000	24.800000
## 1181264	1.0000000	1.560000	0.000000	9.360000
## 1181306	1.0000000	0.000000	0.000000	10.300000
## 1181363	1.0000000	1.000000	0.000000	12.800000
## 1181410	1.0000000	1.160000	0.000000	6.960000
## 1181465	1.0000000	0.000000	0.000000	8.800000
## 1181821	1.0000000	3.860000	0.000000	23.160000
## 1183038	1.0000000	0.000000	0.000000	11.300000

## 1183513	1.0000000	0.000000	0.000000	13.800000
## 1183556	1.0000000	0.000000	0.000000	5.300000
## 1183790	1.0000000	0.000000	0.000000	16.800000
## 1184293	1.0000000	2.520000	0.000000	19.320000
## 1184546	1.0000000	4.960000	0.000000	29.760000
## 1184930	1.0000000	1.160000	0.000000	6.960000
## 1185379	1.0000000	0.000000	0.000000	12.800000
## 1186578	1.0000000	5.000000	0.000000	36.300000
## 1186899	1.0000000	0.700000	0.000000	9.500000
## 1186971	1.0000000	4.000000	0.000000	29.800000
## 1187098	1.0000000	3.360000	0.000000	20.160000
## 1187157	1.0000000	9.540000	0.000000	41.340000
## 1187215	1.0000000	0.000000	0.000000	5.800000
## 1187675	1.0000000	7.450000	0.000000	44.750000
## 1187878	1.0000000	1.150000	0.000000	6.950000
## 1187891	1.0000000	0.000000	0.000000	6.300000
## 1187913	1.0000000	1.350000	0.000000	8.150000
## 1188565	1.0000000	4.160000	0.000000	24.960000
## 1188724	1.0000000	3.360000	0.000000	20.160000
## 1188765	1.0000000	0.000000	0.000000	4.800000
## 1189023	1.0000000	1.820000	0.000000	9.120000
## 1189530	1.0000000	2.000000	0.000000	29.300000
## 1189903	1.0000000	1.000000	0.000000	11.300000
## 1190042	1.0000000	0.000000	0.000000	15.300000
## 1190061	1.0000000	7.550000	0.000000	45.350000
## 1190277	1.0000000	0.000000	0.000000	6.300000
## 1191156	1.0000000	0.000000	0.000000	9.300000
## 1191197	0.0000000	0.000000	0.000000	10.000000
## 1191615	1.0000000	1.500000	0.000000	7.800000
## 1191705	1.0000000	0.000000	0.000000	10.300000
## 1191873	1.0000000	15.000000	0.000000	64.800000
## 1192238	1.0000000	0.000000	0.000000	7.300000
## 1192515	1.0000000	0.000000	0.000000	8.300000
## 1192741	1.0000000	5.950000	0.000000	29.750000
## 1192933	1.0000000	5.000000	0.000000	35.800000
## 1193062	1.0000000	2.320000	0.000000	11.620000
## 1193194	1.0000000	0.000000	0.000000	62.800000
## 1194036	1.0000000	0.000000	0.000000	7.800000
## 1194805	1.0000000	4.240000	0.000000	32.540000
## 1195649	0.0000000	3.000000	0.000000	25.000000
## 1195778	1.0000000	0.000000	0.000000	7.300000
## 1195943	1.0000000	0.000000	0.000000	19.800000
## 1195981	1.0000000	0.000000	0.000000	24.800000
## 1196126	1.0000000	2.560000	0.000000	15.360000
## 1196154	1.0000000	2.960000	0.000000	17.760000
## 1196474	1.0000000	2.000000	0.000000	13.800000
## 1196629	1.0000000	0.000000	0.000000	7.800000
## 1196676	1.0000000	0.000000	0.000000	17.800000
## 1196969	1.0000000	0.000000	0.000000	35.300000
## 1197309	1.0000000	0.000000	0.000000	23.300000
## 1198004	1.0000000	0.000000	0.000000	12.300000
## 1198070	1.0000000	0.000000	0.000000	9.800000
## 1198167	1.0000000	0.000000	0.000000	10.300000
## 1198741	1.0000000	2.460000	0.000000	14.760000
## 1199047	1.0000000	0.000000	0.000000	9.300000
## 1199491	1.0000000	0.000000	0.000000	6.800000
## 1199615	1.0000000	2.350000	0.000000	14.150000
## 1199661	1.0000000	2.900000	0.000000	12.700000
## 1199673	1.0000000	4.450000	0.000000	22.250000
## 1199676	0.0000000	1.000000	0.000000	9.000000
## 1200215	1.0000000	4.000000	0.000000	25.300000
## 1200671	1.0000000	1.160000	0.000000	6.960000
## 1201868	1.0000000	0.000000	0.000000	8.300000
## 1202208	1.0000000	0.000000	0.000000	20.300000

## 1202521	1.0000000	0.000000	0.000000	15.800000
## 1202898	1.0000000	0.000000	0.000000	10.300000
## 1202902	1.0000000	0.000000	0.000000	7.300000
## 1203253	1.0000000	0.000000	0.000000	8.300000
## 1203686	1.0000000	2.860000	0.000000	17.160000
## 1204062	1.0000000	2.000000	0.000000	9.800000
## 1204096	1.0000000	2.000000	0.000000	12.800000
## 1204532	1.0000000	2.700000	0.000000	7.000000
## 1205009	1.0000000	0.000000	0.000000	6.300000
## 1205018	1.0000000	3.200000	0.000000	16.000000
## 1205383	1.0000000	0.000000	0.000000	13.300000
## 1205451	1.0000000	0.000000	0.000000	16.300000
## 1205531	1.0000000	0.000000	0.000000	22.800000
## 1205971	1.0000000	0.000000	0.000000	8.300000
## 1206954	1.0000000	1.000000	0.000000	15.800000
## 1207065	1.0000000	1.860000	0.000000	11.160000
## 1208182	1.0000000	0.000000	0.000000	10.800000
## 1208258	1.0000000	0.000000	0.000000	8.300000
## 1208655	1.0000000	0.000000	0.000000	41.800000
## 1208661	1.0000000	0.000000	0.000000	5.300000
## 1208674	1.0000000	2.050000	0.000000	10.350000
## 1209160	0.0000000	4.000000	0.000000	24.000000
## 1209459	1.0000000	2.000000	0.000000	15.800000
## 1209557	1.0000000	1.700000	0.000000	8.500000
## 1209740	1.0000000	1.460000	0.000000	8.760000
## 1209840	1.0000000	1.660000	0.000000	9.960000
## 1209870	1.0000000	0.000000	0.000000	8.800000
## 1209947	1.0000000	0.000000	0.000000	10.300000
## 1209964	1.0000000	0.000000	0.000000	18.800000
## 1210149	1.0000000	3.060000	0.000000	18.360000
## 1210869	1.0000000	7.950000	0.000000	39.750000
## 1210971	1.0000000	0.000000	0.000000	6.300000
## 1210975	1.0000000	2.860000	0.000000	17.160000
## 1211173	1.0000000	0.000000	0.000000	8.800000
## 1211303	1.0000000	2.000000	0.000000	13.300000
## 1211351	1.0000000	2.060000	0.000000	12.360000
## 1211555	1.0000000	0.000000	0.000000	20.800000
## 1211617	1.0000000	0.000000	0.000000	6.800000
## 1211964	1.0000000	2.550000	0.000000	15.350000
## 1212038	1.0000000	0.000000	0.000000	7.300000
## 1212192	1.0000000	1.650000	0.000000	9.950000
## 1213061	1.0000000	2.260000	0.000000	13.560000
## 1213335	1.0000000	0.000000	0.000000	11.300000
## 1213358	1.0000000	0.000000	0.000000	8.300000
## 1213658	1.0000000	1.660000	0.000000	9.960000
## 1213762	1.0000000	1.760000	0.000000	10.560000
## 1213801	1.0000000	0.000000	0.000000	9.300000
## 1214771	1.0000000	4.200000	0.000000	21.000000
## 1214853	1.0000000	1.560000	0.000000	9.360000
## 1215047	1.0000000	1.650000	0.000000	9.950000
## 1215663	1.0000000	1.580000	0.000000	7.880000
## 1215716	1.0000000	0.000000	0.000000	6.300000
## 1216297	1.0000000	1.060000	0.000000	6.360000
## 1216491	1.0000000	1.000000	0.000000	9.300000
## 1216693	1.0000000	2.060000	0.000000	12.360000
## 1217374	1.0000000	0.000000	0.000000	9.800000
## 1217823	1.0000000	0.000000	0.000000	16.800000
## 1217978	1.0000000	2.220000	0.000000	55.020000
## 1218021	1.0000000	1.500000	0.000000	19.800000
## 1218263	1.0000000	0.000000	0.000000	9.300000
## 1218735	1.0000000	5.560000	0.000000	33.360000
## 1218887	1.0000000	1.460000	0.000000	8.760000
## 1219061	1.0000000	3.090000	0.000000	13.390000
## 1219213	1.0000000	0.000000	0.000000	7.800000

## 1219529	1.0000000	0.000000	0.000000	7.300000
## 1219718	1.0000000	0.000000	0.000000	5.300000
## 1220208	1.0000000	0.000000	0.000000	4.300000
## 1220255	1.0000000	2.000000	0.000000	10.800000
## 1220926	1.0000000	3.950000	0.000000	19.750000
## 1221130	1.0000000	0.000000	0.000000	11.300000
## 1221190	1.0000000	0.000000	0.000000	9.800000
## 1221373	1.0000000	0.000000	0.000000	12.300000
## 1221888	1.0000000	5.160000	0.000000	30.960000
## 1221929	1.0000000	0.000000	0.000000	20.300000
## 1222478	1.0000000	0.000000	0.000000	14.800000
## 1222657	1.0000000	3.250000	0.000000	19.550000
## 1222748	1.0000000	0.000000	0.000000	5.800000
## 1222862	1.0000000	1.960000	0.000000	11.760000
## 1223015	1.0000000	0.000000	0.000000	14.800000
## 1223256	1.0000000	5.860000	0.000000	35.160000
## 1223398	1.0000000	2.000000	0.000000	13.300000
## 1223527	1.0000000	0.000000	0.000000	13.800000
## 1223731	1.0000000	0.000000	0.000000	18.800000
## 1223827	1.0000000	1.760000	0.000000	10.560000
## 1224091	1.0000000	7.650000	0.000000	45.950000
## 1224181	1.0000000	2.150000	0.000000	12.950000
## 1224222	1.0000000	1.850000	0.000000	11.150000
## 1224327	1.0000000	3.700000	0.000000	18.500000
## 1224986	1.0000000	0.000000	0.000000	7.800000
## 1225098	1.0000000	3.760000	0.000000	22.560000
## 1225343	1.0000000	0.000000	0.000000	5.800000
## 1225580	1.0000000	0.000000	0.000000	13.800000
## 1225873	1.0000000	1.850000	0.000000	11.150000
## 1226249	1.0000000	0.000000	0.000000	20.300000
## 1226535	1.0000000	2.560000	0.000000	15.360000
## 1226729	1.0000000	1.000000	0.000000	6.300000
## 1227701	1.0000000	0.000000	0.000000	25.300000
## 1228285	1.0000000	1.860000	0.000000	11.160000
## 1228677	1.0000000	0.000000	0.000000	19.800000
## 1228712	1.0000000	2.000000	0.000000	11.300000
## 1229249	1.0000000	6.960000	0.000000	41.760000
## 1229515	1.0000000	0.000000	0.000000	6.800000
## 1229644	1.0000000	0.000000	0.000000	7.300000
## 1230623	1.0000000	3.760000	0.000000	22.560000
## 1231010	1.0000000	0.000000	0.000000	12.300000
## 1231173	1.0000000	2.060000	0.000000	12.360000
## 1231748	1.0000000	0.000000	0.000000	8.800000
## 1231775	1.0000000	1.850000	0.000000	11.150000
## 1232343	1.0000000	0.000000	0.000000	9.800000
## 1233029	1.0000000	0.000000	0.000000	31.800000
## 1233183	1.0000000	0.000000	0.000000	8.300000
## 1233560	1.0000000	5.160000	0.000000	30.960000
## 1234088	1.0000000	5.000000	5.540000	37.840000
## 1234260	1.0000000	3.850000	0.000000	23.150000
## 1234310	1.0000000	0.000000	0.000000	12.300000
## 1234347	1.0000000	1.650000	0.000000	9.950000
## 1234644	1.0000000	1.850000	0.000000	11.150000
## 1234843	1.0000000	0.000000	0.000000	7.300000
## 1235392	1.0000000	5.260000	0.000000	31.560000
## 1236010	1.0000000	6.760000	0.000000	40.560000
## 1237329	1.0000000	0.000000	0.000000	30.300000
## 1237914	1.0000000	0.000000	0.000000	13.800000
## 1238686	1.0000000	0.000000	0.000000	9.300000
## 1238906	1.0000000	0.000000	0.000000	6.800000
## 1239457	1.0000000	5.490000	0.000000	23.790000
## 1239829	1.0000000	3.060000	0.000000	18.360000
## 1239948	1.0000000	12.550000	0.000000	75.350000
## 1239985	1.0000000	0.000000	0.000000	3.800000

## 1242032	1.0000000	0.000000	0.000000	22.300000
## 1242267	1.0000000	0.000000	0.000000	5.800000
## 1242377	1.0000000	0.000000	0.000000	10.300000
## 1242468	1.0000000	0.000000	0.000000	19.800000
## 1243628	1.0000000	0.000000	0.000000	7.800000
## 1243631	1.0000000	0.000000	0.000000	7.800000
## 1244589	1.0000000	2.560000	0.000000	15.360000
## 1244787	1.0000000	0.000000	0.000000	5.800000
## 1245386	1.0000000	0.000000	0.000000	5.800000
## 1245515	1.0000000	1.150000	0.000000	8.450000
## 1245558	1.0000000	0.000000	0.000000	8.300000
## 1246009	1.0000000	0.000000	0.000000	9.800000
## 1246227	1.0000000	0.000000	0.000000	12.300000
## 1246238	1.0000000	0.000000	0.000000	5.300000
## 1246342	1.0000000	3.650000	0.000000	21.950000
## 1246810	1.0000000	2.080000	0.000000	10.380000
## 1247194	1.0000000	0.000000	0.000000	26.300000
## 1247287	1.0000000	0.000000	0.000000	14.800000
## 1248075	1.0000000	0.000000	0.000000	9.800000
## 1248810	0.0000000	0.000000	0.000000	9.000000
## 1248821	1.0000000	0.000000	0.000000	22.300000
## 1249066	1.0000000	0.000000	0.000000	4.300000
## 1249078	1.0000000	3.850000	0.000000	23.150000
## 1249129	1.0000000	0.050000	0.000000	7.350000
## 1249426	1.0000000	0.000000	0.000000	12.300000
## 1250639	1.0000000	0.000000	0.000000	10.800000
## 1251092	1.0000000	2.560000	0.000000	15.360000
## 1251740	1.0000000	0.000000	0.000000	9.300000
## 1251821	1.0000000	0.000000	0.000000	12.300000
## 1252079	1.0000000	0.000000	0.000000	7.800000
## 1252251	1.0000000	5.760000	0.000000	34.560000
## 1252327	1.0000000	0.000000	0.000000	6.300000
## 1252679	1.0000000	0.000000	0.000000	7.800000
## 1254033	1.0000000	2.450000	0.000000	12.250000
## 1254213	1.0000000	0.000000	0.000000	8.800000
## 1254892	1.0000000	2.500000	0.000000	14.800000
## 1255626	1.0000000	0.000000	0.000000	8.800000
## 1256320	1.0000000	2.660000	0.000000	15.960000
## 1256663	1.0000000	0.000000	0.000000	17.300000
## 1256742	1.0000000	0.000000	0.000000	7.300000
## 1256778	1.0000000	0.000000	0.000000	8.800000
## 1257362	1.0000000	1.750000	0.000000	10.550000
## 1257559	1.0000000	2.000000	0.000000	13.800000
## 1257784	1.0000000	0.000000	0.000000	17.300000
## 1258479	1.0000000	0.000000	0.000000	7.800000
## 1258499	1.0000000	4.700000	0.000000	23.500000
## 1258716	1.0000000	3.360000	0.000000	20.160000
## 1258894	1.0000000	1.950000	0.000000	11.750000
## 1258913	1.0000000	3.050000	0.000000	13.350000
## 1259024	1.0000000	2.650000	0.000000	15.950000
## 1260260	1.0000000	1.660000	0.000000	9.960000
## 1260926	1.0000000	0.000000	0.000000	10.800000
## 1261039	1.0000000	2.000000	0.000000	15.300000
## 1261157	1.0000000	0.000000	0.000000	10.300000
## 1261280	1.0000000	1.000000	0.000000	7.800000
## 1261300	1.0000000	0.000000	0.000000	18.300000
## 1261482	1.0000000	3.560000	0.000000	21.360000
## 1261693	1.0000000	0.000000	0.000000	7.800000
## 1261730	1.0000000	0.000000	0.000000	6.300000
## 1262137	1.0000000	1.450000	0.000000	8.750000
## 1262155	1.0000000	0.000000	0.000000	7.800000
## 1262289	1.0000000	1.750000	0.000000	10.550000
## 1262388	1.0000000	0.000000	0.000000	8.800000
## 1262712	1.0000000	1.000000	0.000000	7.300000

## 1262958	1.0000000	1.320000	0.000000	10.120000
## 1263890	1.0000000	0.000000	0.000000	10.300000
## 1263911	1.0000000	0.000000	0.000000	19.800000
## 1264039	1.0000000	0.000000	0.000000	6.300000
## 1264666	1.0000000	0.000000	0.000000	7.300000
## 1264693	1.0000000	0.000000	0.000000	15.800000
## 1265032	1.0000000	0.000000	0.000000	5.300000
## 1265310	1.0000000	0.000000	0.000000	16.300000
## 1265469	1.0000000	2.160000	0.000000	12.960000
## 1265524	1.0000000	0.000000	0.000000	8.800000
## 1265621	1.0000000	0.000000	0.000000	8.800000
## 1266462	1.0000000	0.000000	0.000000	13.800000
## 1266539	1.0000000	0.000000	0.000000	5.800000
## 1267112	1.0000000	2.360000	0.000000	14.160000
## 1267904	1.0000000	1.000000	0.000000	9.800000
## 1267999	1.0000000	0.000000	0.000000	7.800000
## 1268443	1.0000000	0.000000	0.000000	13.300000
## 1268638	1.0000000	0.000000	0.000000	6.800000
## 1268650	1.0000000	0.000000	0.000000	22.800000
## 1268753	1.0000000	0.000000	0.000000	10.300000
## 1268848	1.0000000	4.460000	0.000000	26.760000
## 1269393	1.0000000	0.000000	0.000000	6.800000
## 1269600	1.0000000	1.000000	0.000000	13.300000
## 1269616	1.0000000	3.000000	0.000000	25.300000
## 1269664	1.0000000	2.700000	0.000000	13.500000
## 1269668	1.0000000	2.040000	0.000000	8.840000
## 1270748	1.0000000	0.000000	0.000000	15.300000
## 1270969	1.0000000	10.000000	0.000000	13.800000
## 1271217	1.0000000	5.000000	0.000000	15.300000
## 1271331	1.0000000	0.000000	0.000000	8.800000
## 1271517	1.0000000	4.750000	0.000000	28.550000
## 1271678	1.0000000	1.000000	0.000000	8.800000
## 1271710	1.0000000	3.200000	0.000000	14.000000
## 1271807	1.0000000	0.000000	0.000000	6.800000
## 1272194	1.0000000	1.000000	0.000000	16.800000
## 1273365	1.0000000	1.860000	0.000000	11.160000
## 1274049	1.0000000	0.000000	0.000000	20.800000
## 1274151	1.0000000	7.160000	0.000000	42.960000
## 1274275	1.0000000	0.000000	0.000000	27.300000
## 1275128	1.0000000	1.060000	0.000000	6.360000
## 1275343	1.0000000	0.000000	0.000000	24.800000
## 1275385	1.0000000	2.450000	0.000000	14.750000
## 1275442	1.0000000	0.000000	0.000000	9.800000
## 1275444	1.0000000	3.000000	0.000000	11.800000
## 1275624	1.0000000	8.560000	0.000000	51.360000
## 1275703	1.0000000	0.000000	0.000000	6.800000
## 1275959	1.0000000	2.000000	0.000000	31.300000
## 1276277	1.0000000	1.000000	0.000000	14.800000
## 1276498	1.0000000	3.470000	5.540000	20.810000
## 1276860	1.0000000	0.000000	0.000000	8.300000
## 1276915	1.0000000	0.000000	0.000000	9.800000
## 1278009	1.0000000	6.860000	0.000000	41.160000
## 1278169	1.0000000	0.000000	0.000000	7.300000
## 1278282	0.0000000	0.000000	0.000000	12.000000
## 1278477	1.0000000	0.000000	0.000000	8.300000
## 1278869	1.0000000	1.440000	0.000000	6.240000
## 1279309	1.0000000	1.360000	0.000000	8.160000
## 1279382	1.0000000	0.700000	0.000000	5.000000
## 1279423	1.0000000	9.090000	0.000000	39.390000
## 1280961	1.0000000	1.000000	0.000000	12.800000
## 1281326	1.0000000	0.000000	0.000000	5.300000
## 1282229	1.0000000	0.000000	0.000000	4.800000
## 1282557	1.0000000	1.250000	0.000000	7.550000
## 1282581	1.0000000	2.050000	0.000000	10.350000

## 1282773	1.0000000	2.220000	5.540000	25.060000
## 1282870	1.0000000	0.000000	0.000000	19.800000
## 1284664	1.0000000	0.000000	0.000000	7.300000
## 1285115	1.0000000	3.200000	0.000000	16.000000
## 1285657	1.0000000	2.340000	0.000000	10.140000
## 1285830	1.0000000	0.000000	0.000000	12.300000
## 1286342	1.0000000	0.000000	0.000000	5.800000
## 1286500	1.0000000	0.000000	0.000000	10.800000
## 1286712	1.0000000	5.350000	0.000000	32.150000
## 1286906	1.0000000	0.000000	0.000000	7.300000
## 1287113	1.0000000	0.000000	0.000000	11.800000
## 1287274	1.0000000	1.560000	0.000000	9.360000
## 1287333	1.0000000	1.460000	0.000000	8.760000
## 1287670	1.0000000	0.000000	0.000000	7.800000
## 1288019	1.0000000	0.000000	0.000000	8.800000
## 1288120	1.0000000	0.000000	0.000000	19.300000
## 1289326	1.0000000	0.000000	0.000000	11.300000
## 1289633	1.0000000	5.000000	5.540000	36.840000
## 1289868	1.0000000	0.000000	0.000000	6.300000
## 1290312	1.0000000	2.000000	0.000000	19.800000
## 1290589	1.0000000	0.000000	0.000000	3.800000
## 1290682	1.0000000	0.000000	0.000000	20.300000
## 1290690	0.0000000	0.000000	0.000000	0.000000
## 1290805	1.0000000	1.150000	0.000000	6.950000
## 1290884	1.0000000	0.000000	0.000000	14.300000
## 1290989	1.0000000	4.650000	0.000000	27.950000
## 1291514	1.0000000	1.960000	0.000000	11.760000
## 1291945	1.0000000	0.000000	0.000000	10.300000
## 1292216	1.0000000	0.000000	0.000000	8.800000
## 1292384	1.0000000	0.000000	0.000000	15.800000
## 1292471	1.0000000	2.860000	0.000000	17.160000
## 1292538	1.0000000	0.000000	0.000000	4.800000
## 1292611	1.0000000	2.480000	0.000000	27.280000
## 1293254	1.0000000	0.000000	0.000000	12.300000
## 1293837	1.0000000	0.000000	0.000000	11.300000
## 1294417	1.0000000	2.000000	0.000000	28.300000
## 1294683	1.0000000	9.950000	0.000000	49.750000
## 1294770	1.0000000	0.000000	0.000000	9.300000
## 1294975	1.0000000	0.000000	0.000000	14.300000
## 1295082	1.0000000	7.290000	0.000000	31.590000
## 1295458	0.0000000	0.000000	0.000000	0.000000
## 1295901	1.0000000	0.000000	0.000000	22.300000
## 1296260	1.0000000	6.270000	5.540000	37.610000
## 1297213	1.0000000	0.000000	0.000000	8.300000
## 1297472	1.0000000	0.000000	0.000000	8.800000
## 1297545	1.0000000	2.000000	0.000000	22.800000
## 1297569	1.0000000	1.700000	0.000000	13.000000
## 1297836	1.0000000	3.060000	0.000000	18.360000
## 1297888	1.0000000	0.000000	0.000000	21.300000
## 1298268	1.0000000	3.390000	0.000000	14.690000
## 1298467	1.0000000	0.000000	0.000000	5.300000
## 1298825	1.0000000	0.000000	0.000000	7.300000
## 1298916	1.0000000	0.000000	0.000000	8.800000
## 1299338	1.0000000	8.200000	0.000000	42.000000
## 1299476	1.0000000	1.860000	0.000000	11.160000
## 1299918	1.0000000	0.000000	0.000000	17.800000
## 1300968	1.0000000	0.000000	0.000000	10.300000
## 1301354	0.0000000	0.000000	0.000000	10.500000
## 1302327	1.0000000	0.000000	0.000000	11.300000
## 1302641	1.0000000	0.000000	0.000000	9.800000
## 1303473	1.0000000	2.060000	0.000000	12.360000
## 1303568	0.0000000	0.000000	0.000000	10.339590
## 1303619	1.0000000	0.000000	0.000000	34.800000
## 1304044	1.0000000	2.960000	0.000000	17.760000

## 1304383	1.0000000	5.960000	0.000000	35.760000
## 1304659	1.0000000	0.000000	0.000000	12.300000
## 1305604	1.0000000	0.000000	0.000000	12.300000
## 1305670	1.0000000	0.000000	0.000000	8.800000
## 1305705	1.0000000	0.000000	0.000000	13.800000
## 1306131	1.0000000	1.000000	0.000000	14.300000
## 1306162	0.0000000	0.000000	0.000000	7.500000
## 1306735	1.0000000	2.850000	0.000000	17.150000
## 1306782	1.0000000	0.000000	0.000000	7.300000
## 1307599	1.0000000	3.700000	0.000000	18.000000
## 1308144	1.0000000	1.160000	0.000000	6.960000
## 1308187	1.0000000	0.000000	0.000000	11.300000
## 1308414	1.0000000	0.000000	0.000000	7.800000
## 1308909	1.0000000	2.660000	0.000000	17.460000
## 1309362	1.0000000	0.000000	0.000000	6.300000
## 1310180	1.0000000	3.950000	0.000000	19.750000
## 1311056	1.0000000	3.450000	0.000000	17.250000
## 1311071	1.0000000	0.000000	0.000000	27.300000
## 1311247	1.0000000	1.250000	0.000000	7.550000
## 1311303	1.0000000	0.000000	0.000000	5.300000
## 1311319	1.0000000	0.000000	0.000000	7.300000
## 1311518	1.0000000	6.160000	0.000000	36.960000
## 1311801	1.0000000	5.000000	0.000000	13.800000
## 1311956	1.0000000	1.580000	0.000000	7.880000
## 1312644	1.0000000	0.000000	0.000000	25.300000
## 1313547	1.0000000	3.460000	0.000000	20.760000
## 1314183	1.0000000	2.000000	0.000000	18.800000
## 1314248	1.0000000	0.000000	0.000000	29.800000
## 1314321	1.0000000	0.000000	0.000000	5.300000
## 1314751	1.0000000	3.050000	0.000000	15.350000
## 1314848	1.0000000	1.850000	0.000000	11.150000
## 1314968	1.0000000	0.000000	0.000000	8.300000
## 1314976	1.0000000	1.000000	0.000000	17.300000
## 1315796	1.0000000	0.000000	0.000000	17.800000
## 1315998	1.0000000	5.560000	0.000000	33.360000
## 1316041	1.0000000	1.360000	0.000000	8.160000
## 1316044	1.0000000	0.000000	0.000000	4.300000
## 1316306	1.0000000	0.000000	0.000000	26.300000
## 1316420	1.0000000	0.000000	0.000000	6.300000
## 1317057	1.0000000	0.000000	0.000000	6.800000
## 1317139	1.0000000	2.060000	0.000000	12.360000
## 1318116	1.0000000	2.760000	0.000000	16.560000
## 1318179	1.0000000	2.040000	0.000000	8.840000
## 1318650	1.0000000	1.860000	0.000000	11.160000
## 1318706	1.0000000	2.000000	0.000000	13.300000
## 1319058	1.0000000	0.000000	0.000000	7.800000
## 1319081	1.0000000	1.700000	0.000000	15.000000
## 1319209	1.0000000	0.000000	0.000000	7.300000
## 1319274	0.0000000	2.000000	0.000000	10.000000
## 1319640	1.0000000	0.000000	0.000000	3.800000
## 1320282	1.0000000	2.040000	0.000000	8.840000
## 1320444	1.0000000	0.000000	0.000000	8.300000
## 1320524	1.0000000	0.000000	0.000000	10.300000
## 1320551	1.0000000	2.360000	0.000000	14.160000
## 1320947	1.0000000	0.000000	0.000000	24.800000
## 1321145	1.0000000	1.060000	0.000000	6.360000
## 1321331	1.0000000	1.560000	0.000000	9.360000
## 1321686	1.0000000	2.580000	0.000000	12.880000
## 1322261	1.0000000	3.540000	0.000000	15.340000
## 1322621	1.0000000	0.000000	0.000000	18.300000
## 1322676	1.0000000	4.200000	0.000000	21.000000
## 1322803	1.0000000	0.000000	0.000000	9.300000
## 1322933	1.0000000	5.000000	0.000000	31.800000
## 1323228	1.0000000	0.000000	0.000000	7.300000

## 1323352	1.0000000	5.650000	0.000000	33.950000
## 1323519	1.0000000	3.560000	0.000000	21.360000
## 1323909	1.0000000	2.940000	0.000000	12.740000
## 1325676	1.0000000	0.000000	0.000000	11.800000
## 1325784	1.0000000	0.000000	0.000000	5.300000
## 1326144	1.0000000	0.000000	0.000000	8.300000
## 1326265	1.0000000	1.000000	0.000000	9.300000
## 1326817	1.0000000	3.800000	0.000000	16.600000
## 1328179	1.0000000	1.060000	0.000000	6.360000
## 1328257	1.0000000	0.000000	0.000000	20.300000
## 1328285	1.0000000	0.000000	0.000000	9.800000
## 1329483	1.0000000	0.000000	0.000000	9.300000
## 1329552	1.0000000	0.000000	0.000000	4.800000
## 1329690	1.0000000	0.000000	0.000000	6.300000
## 1329759	1.0000000	4.260000	0.000000	25.560000
## 1329881	1.0000000	1.060000	0.000000	6.360000
## 1330781	1.0000000	5.000000	0.000000	29.300000
## 1330919	1.0000000	0.000000	0.000000	25.800000
## 1331676	1.0000000	0.000000	0.000000	20.300000
## 1331687	1.0000000	1.000000	0.000000	6.300000
## 1331833	1.0000000	0.000000	0.000000	22.300000
## 1332402	1.0000000	1.860000	0.000000	11.160000
## 1332467	1.0000000	2.960000	0.000000	17.760000
## 1332510	1.0000000	2.060000	0.000000	12.360000
## 1332763	1.0000000	1.000000	0.000000	9.800000
## 1334113	1.0000000	3.650000	0.000000	15.950000
## 1334314	1.0000000	2.000000	0.000000	14.300000
## 1334397	1.0000000	6.950000	0.000000	30.250000
## 1334653	1.0000000	5.150000	0.000000	30.950000
## 1334794	1.0000000	1.560000	0.000000	9.360000
## 1334825	1.0000000	1.020000	0.000000	7.820000
## 1334872	1.0000000	5.560000	0.000000	33.360000
## 1335640	1.0000000	0.000000	0.000000	8.300000
## 1335858	1.0000000	0.000000	0.000000	16.300000
## 1335930	1.0000000	2.460000	0.000000	14.760000
## 1336028	1.0000000	0.000000	5.540000	24.340000
## 1336207	1.0000000	4.060000	0.000000	24.360000
## 1336377	1.0000000	0.000000	0.000000	10.800000
## 1336435	1.0000000	0.000000	0.000000	11.300000
## 1336637	1.0000000	1.060000	0.000000	6.360000
## 1336779	1.0000000	4.000000	0.000000	30.800000
## 1336846	1.0000000	2.550000	0.000000	15.350000
## 1336958	1.0000000	0.000000	0.000000	7.800000
## 1336977	1.0000000	0.000000	0.000000	5.800000
## 1337165	1.0000000	2.600000	0.000000	11.400000
## 1337211	1.0000000	4.050000	0.000000	20.350000
## 1337788	1.0000000	3.360000	0.000000	20.160000
## 1337814	1.0000000	2.660000	0.000000	15.960000
## 1339657	1.0000000	0.000000	0.000000	32.800000
## 1339989	1.0000000	3.160000	0.000000	18.960000
## 1340143	1.0000000	0.000000	0.000000	9.300000
## 1340221	1.0000000	0.000000	0.000000	19.800000
## 1340319	1.0000000	0.000000	0.000000	22.300000
## 1341049	1.0000000	1.850000	0.000000	8.150000
## 1341380	1.0000000	0.000000	0.000000	11.800000
## 1342013	1.0000000	0.000000	0.000000	14.800000
## 1342617	1.0000000	0.000000	0.000000	7.300000
## 1343208	1.0000000	1.000000	0.000000	12.300000
## 1343510	1.0000000	0.000000	0.000000	5.800000
## 1343511	1.0000000	2.660000	0.000000	15.960000
## 1343692	1.0000000	0.000000	0.000000	8.300000
## 1343983	1.0000000	2.260000	0.000000	13.560000
## 1344727	1.0000000	0.000000	0.000000	6.300000
## 1344769	1.0000000	2.750000	0.000000	16.550000

## 1344830	1.0000000	0.000000	0.000000	11.800000
## 1345047	1.0000000	1.060000	0.000000	6.360000
## 1345475	1.0000000	0.000000	0.000000	4.300000
## 1345838	1.0000000	0.000000	0.000000	9.300000
## 1346065	1.0000000	1.760000	0.000000	10.560000
## 1346237	1.0000000	0.000000	0.000000	7.300000
## 1346373	1.0000000	3.350000	0.000000	20.150000
## 1346554	1.0000000	0.000000	0.000000	8.300000
## 1346751	1.0000000	1.360000	0.000000	8.160000
## 1347119	1.0000000	0.000000	0.000000	5.300000
## 1347248	1.0000000	1.260000	0.000000	7.560000
## 1347566	1.0000000	0.000000	0.000000	17.800000
## 1347634	1.0000000	1.560000	0.000000	9.360000
## 1347777	1.0000000	0.100000	0.000000	10.400000
## 1348133	1.0000000	0.000000	0.000000	5.300000
## 1348193	1.0000000	0.000000	0.000000	7.800000
## 1348576	1.0000000	0.000000	0.000000	11.800000
## 1348724	1.0000000	6.950000	0.000000	34.750000
## 1349030	1.0000000	0.000000	0.000000	9.800000
## 1349295	1.0000000	0.000000	0.000000	17.300000
## 1349437	1.0000000	1.000000	0.000000	10.800000
## 1349491	1.0000000	0.000000	0.000000	4.800000
## 1349954	1.0000000	0.000000	0.000000	11.300000
## 1350337	1.0000000	2.660000	0.000000	15.960000
## 1352018	1.0000000	1.760000	0.000000	10.560000
## 1352168	1.0000000	0.000000	0.000000	10.300000
## 1352347	1.0000000	0.000000	0.000000	5.300000
## 1352367	1.0000000	0.000000	0.000000	10.800000
## 1352644	1.0000000	0.000000	0.000000	6.800000
## 1353411	1.0000000	0.000000	0.000000	15.800000
## 1353659	1.0000000	0.000000	0.000000	16.800000
## 1354284	1.0000000	0.000000	0.000000	27.300000
## 1354291	1.0000000	0.000000	0.000000	8.300000
## 1354351	1.0000000	3.860000	0.000000	23.160000
## 1354374	1.0000000	0.000000	0.000000	85.800000
## 1355173	1.0000000	0.000000	0.000000	13.800000
## 1355597	1.0000000	0.000000	0.000000	5.800000
## 1355960	1.0000000	0.000000	0.000000	8.800000
## 1356712	1.0000000	0.000000	0.000000	15.300000
## 1357382	1.0000000	1.700000	0.000000	15.000000
## 1357704	1.0000000	0.000000	0.000000	12.300000
## 1357750	1.0000000	0.000000	0.000000	27.800000
## 1357751	1.0000000	2.150000	0.000000	12.950000
## 1357859	1.0000000	1.550000	0.000000	9.350000
## 1358622	1.0000000	7.860000	0.000000	47.160000
## 1358663	1.0000000	1.160000	0.000000	6.960000
## 1358688	0.0000000	0.000000	0.000000	8.000000
## 1358834	1.0000000	0.000000	0.000000	7.800000
## 1358969	1.0000000	0.000000	0.000000	12.300000
## 1358970	1.0000000	0.700000	0.000000	7.000000
## 1359012	1.0000000	1.660000	0.000000	9.960000
## 1359461	1.0000000	2.200000	0.000000	11.000000
## 1359789	1.0000000	2.760000	0.000000	16.560000
## 1359819	1.0000000	1.860000	0.000000	11.160000
## 1360034	1.0000000	0.000000	0.000000	11.300000
## 1360297	1.0000000	0.000000	0.000000	7.300000
## 1360468	1.0000000	0.000000	0.000000	5.800000
## 1360496	1.0000000	0.000000	0.000000	8.800000
## 1360682	1.0000000	1.450000	0.000000	7.250000
## 1360816	1.0000000	0.000000	0.000000	10.300000
## 1361105	1.0000000	2.250000	0.000000	13.550000
## 1361270	1.0000000	0.000000	0.000000	8.300000
## 1361758	1.0000000	0.000000	0.000000	9.800000
## 1361858	1.0000000	0.000000	0.000000	9.300000

## 1362497	1.0000000	0.000000	0.000000	21.800000
## 1362576	1.0000000	0.000000	0.000000	8.800000
## 1362733	1.0000000	2.560000	0.000000	15.360000
## 1363283	1.0000000	0.000000	0.000000	8.300000
## 1363593	1.0000000	0.000000	0.000000	13.300000
## 1364267	1.0000000	2.950000	0.000000	17.750000
## 1365082	1.0000000	0.000000	0.000000	5.300000
## 1365211	1.0000000	0.000000	0.000000	15.300000
## 1366286	1.0000000	0.000000	0.000000	13.800000
## 1366303	1.0000000	2.160000	0.000000	12.960000
## 1366696	1.0000000	0.000000	0.000000	17.800000
## 1367244	1.0000000	2.850000	0.000000	17.150000
## 1368773	1.0000000	2.750000	0.000000	17.550000
## 1369141	1.0000000	0.000000	0.000000	8.300000
## 1369555	1.0000000	0.000000	0.000000	9.300000
## 1369571	1.0000000	2.160000	0.000000	12.960000
## 1370232	1.0000000	3.460000	0.000000	20.760000
## 1370242	1.0000000	0.000000	0.000000	23.300000
## 1370269	1.0000000	2.000000	0.000000	31.300000
## 1370573	0.0000000	1.000000	0.000000	11.500000
## 1370711	1.0000000	0.000000	0.000000	9.800000
## 1370970	1.0000000	2.320000	0.000000	11.620000
## 1371394	1.0000000	0.000000	0.000000	11.800000
## 1371680	1.0000000	0.000000	0.000000	9.800000
## 1371857	1.0000000	3.450000	0.000000	20.750000
## 1371895	1.0000000	0.000000	0.000000	8.300000
## 1372206	1.0000000	0.000000	0.000000	18.300000
## 1372248	1.0000000	0.000000	0.000000	10.800000
## 1372904	1.0000000	4.060000	0.000000	24.360000
## 1373406	1.0000000	4.260000	1.373416	25.560000
## 1373542	1.0000000	1.000000	0.000000	6.800000
## 1373850	1.0000000	0.000000	0.000000	31.300000
## 1374187	1.0000000	0.000000	0.000000	9.300000
## 1375138	1.0000000	1.060000	0.000000	6.360000
## 1375776	1.0000000	0.000000	0.000000	14.300000
## 1376882	1.0000000	2.320000	0.000000	11.620000
## 1377151	1.0000000	4.260000	0.000000	25.560000
## 1377205	1.0000000	4.260000	0.000000	25.560000
## 1377525	1.0000000	1.000000	0.000000	15.800000
## 1377851	1.0000000	0.000000	0.000000	6.300000
## 1377909	1.0000000	0.000000	0.000000	10.300000
## 1378619	1.0000000	2.560000	0.000000	15.360000
## 1378795	1.0000000	2.360000	0.000000	14.160000
## 1378802	1.0000000	0.000000	0.000000	12.800000
## 1379621	1.0000000	0.000000	0.000000	10.300000
## 1379841	1.0000000	1.250000	0.000000	7.550000
## 1379979	1.0000000	2.000000	0.000000	29.300000
## 1380240	1.0000000	1.000000	0.000000	7.800000
## 1380781	1.0000000	4.860000	0.000000	29.160000
## 1380850	1.0000000	0.000000	0.000000	17.300000
## 1381160	1.0000000	0.000000	0.000000	15.300000
## 1381311	1.0000000	2.000000	0.000000	17.800000
## 1381361	1.0000000	0.000000	0.000000	15.300000
## 1381645	1.0000000	5.260000	0.000000	31.560000
## 1381702	1.0000000	0.000000	0.000000	8.800000
## 1381746	1.0000000	2.860000	0.000000	17.160000
## 1381911	1.0000000	3.260000	0.000000	19.560000
## 1382021	1.0000000	3.860000	0.000000	23.160000
## 1382034	1.0000000	0.000000	5.540000	26.840000
## 1382232	1.0000000	1.260000	0.000000	7.560000
## 1382959	1.0000000	2.960000	0.000000	17.760000
## 1383090	1.0000000	2.960000	0.000000	17.760000
## 1383922	1.0000000	2.000000	0.000000	11.300000
## 1384057	1.0000000	0.000000	0.000000	8.300000

## 1384434	1.0000000	2.160000	0.000000	12.960000
## 1384571	1.0000000	0.000000	0.000000	19.800000
## 1384635	1.0000000	0.000000	0.000000	6.300000
## 1384934	1.0000000	0.000000	0.000000	6.300000
## 1385690	1.0000000	0.000000	0.000000	8.800000
## 1385745	1.0000000	0.000000	0.000000	24.800000
## 1386143	1.0000000	0.000000	0.000000	7.800000
## 1386219	1.0000000	0.000000	0.000000	6.300000
## 1386617	1.0000000	0.000000	0.000000	10.300000
## 1387226	1.0000000	0.000000	0.000000	23.800000
## 1387503	1.0000000	1.360000	0.000000	8.160000
## 1387813	1.0000000	3.650000	0.000000	21.950000
## 1387887	1.0000000	0.000000	0.000000	34.300000
## 1388192	1.0000000	1.050000	0.000000	6.350000
## 1388352	1.0000000	0.000000	0.000000	8.800000
## 1388404	1.0000000	2.050000	0.000000	12.350000
## 1388455	1.0000000	1.650000	0.000000	9.950000
## 1388776	1.0000000	0.000000	0.000000	7.300000
## 1389215	1.0000000	0.000000	0.000000	16.800000
## 1389376	0.0000000	0.000000	0.000000	10.000000
## 1389505	1.0000000	0.000000	0.000000	6.800000
## 1389609	1.0000000	0.000000	0.000000	4.300000
## 1389749	1.0000000	0.000000	0.000000	5.800000
## 1389784	1.0000000	0.000000	0.000000	7.800000
## 1390059	1.0000000	1.480000	0.000000	16.280000
## 1390078	1.0000000	3.860000	0.000000	23.160000
## 1390123	1.0000000	1.960000	0.000000	11.760000
## 1390234	1.0000000	0.000000	0.000000	10.300000
## 1390315	1.0000000	2.500000	0.000000	18.800000
## 1390362	1.0000000	0.000000	0.000000	15.800000
## 1390567	1.0000000	1.580000	0.000000	7.880000
## 1390594	1.0000000	2.260000	0.000000	13.560000
## 1390619	1.0000000	3.840000	0.000000	16.640000
## 1391235	1.0000000	0.000000	0.000000	11.800000
## 1391334	1.0000000	5.000000	0.000000	40.300000
## 1392112	1.0000000	2.050000	0.000000	10.350000
## 1392580	1.0000000	1.800000	0.000000	9.100000
## 1392620	1.0000000	3.000000	0.000000	34.800000
## 1393102	1.0000000	0.000000	0.000000	5.800000
## 1393509	1.0000000	0.000000	0.000000	8.800000
## 1393818	1.0000000	1.760000	0.000000	10.560000
## 1394221	1.0000000	0.000000	0.000000	11.300000
## 1394481	1.0000000	0.000000	0.000000	14.800000
## 1394695	1.0000000	0.000000	0.000000	7.800000
## 1394769	1.0000000	6.360000	0.000000	38.160000
## 1394935	1.0000000	8.070000	5.540000	48.410000
## 1394957	1.0000000	0.000000	0.000000	6.300000
## 1395804	1.0000000	0.000000	0.000000	13.800000
## 1395936	1.0000000	0.000000	0.000000	10.300000
## 1396432	1.0000000	2.950000	0.000000	14.750000
## 1396952	1.0000000	0.000000	0.000000	21.300000
## 1397061	1.0000000	0.000000	0.000000	12.800000
## 1397432	0.0000000	0.000000	0.000000	7.000000
## 1397974	1.0000000	4.700000	0.000000	23.500000
## 1399368	1.0000000	0.000000	0.000000	7.300000
## 1399719	1.0000000	0.000000	0.000000	16.800000
## 1399825	1.0000000	0.000000	0.000000	9.300000
## 1399830	1.0000000	0.000000	0.000000	18.800000
## 1399867	1.0000000	0.000000	0.000000	5.800000
## 1400322	1.0000000	3.450000	0.000000	20.750000
## 1400327	1.0000000	0.000000	0.000000	29.300000
## 1400420	1.0000000	3.000000	0.000000	30.300000
## 1400510	1.0000000	4.950000	0.000000	29.750000
## 1400583	1.0000000	1.150000	0.000000	6.950000

## 1400670	1.0000000	0.000000	0.000000	28.300000
## 1401042	1.0000000	0.000000	0.000000	36.300000
## 1401245	1.0000000	0.000000	0.000000	10.300000
## 1401985	1.0000000	0.000000	0.000000	15.300000
## 1402054	1.0000000	4.890000	0.000000	21.190000
## 1402096	1.0000000	3.000000	0.000000	22.800000
## 1402710	1.0000000	0.000000	0.000000	19.800000
## 1402822	1.0000000	4.260000	0.000000	25.560000
## 1403499	1.0000000	0.000000	0.000000	8.800000
## 1404395	1.0000000	0.000000	0.000000	21.800000
## 1404732	1.0000000	0.000000	0.000000	16.300000
## 1404899	1.0000000	0.000000	0.000000	5.300000
## 1404923	1.0000000	0.000000	0.000000	6.800000
## 1405137	1.0000000	4.200000	0.000000	21.000000
## 1405231	1.0000000	0.000000	0.000000	6.800000
## 1405293	1.0000000	3.760000	0.000000	22.560000
## 1405315	1.0000000	1.160000	0.000000	6.960000
## 1405340	0.0000000	0.000000	0.000000	9.000000
## 1406119	1.0000000	0.000000	0.000000	8.800000
## 1406277	1.0000000	0.000000	0.000000	9.300000
## 1406296	1.0000000	0.000000	5.540000	29.340000
## 1406397	1.0000000	0.000000	0.000000	7.300000
## 1406947	1.0000000	0.000000	0.000000	11.300000
## 1406992	1.0000000	0.000000	0.000000	7.300000
## 1407157	1.0000000	0.000000	0.000000	9.800000
## 1407368	1.0000000	0.000000	0.000000	17.300000
## 1407456	1.0000000	2.760000	0.000000	16.560000
## 1407471	1.0000000	0.000000	0.000000	7.800000
## 1408047	1.0000000	0.000000	0.000000	12.800000
## 1408077	1.0000000	1.000000	0.000000	12.300000
## 1408105	1.0000000	0.000000	0.000000	25.800000
## 1408218	1.0000000	3.460000	0.000000	20.760000
## 1408265	1.0000000	0.000000	0.000000	14.800000
## 1408595	1.0000000	4.950000	0.000000	29.750000
## 1408652	1.0000000	1.650000	0.000000	9.950000
## 1408818	0.0000000	0.000000	0.000000	0.000000
## 1409017	0.0000000	0.000000	0.000000	40.000000
## 1409064	1.0000000	0.000000	0.000000	21.300000
## 1409601	1.0000000	2.760000	0.000000	16.560000
## 1409615	1.0000000	4.000000	0.000000	30.300000
## 1410495	1.0000000	1.000000	0.000000	16.300000
## 1410951	1.0000000	0.000000	5.540000	33.340000
## 1411500	1.0000000	1.500000	0.000000	13.300000
## 1411530	1.0000000	0.000000	0.000000	7.300000
## 1411694	1.0000000	7.160000	0.000000	42.960000
## 1411711	1.0000000	0.000000	0.000000	20.800000
## 1412883	1.0000000	1.160000	0.000000	6.960000
## 1412949	1.0000000	0.000000	0.000000	11.800000
## 1412986	1.0000000	1.160000	0.000000	6.960000
## 1413561	1.0000000	0.000000	0.000000	7.800000
## 1414164	1.0000000	0.000000	0.000000	4.800000
## 1414405	1.0000000	0.000000	0.000000	7.800000
## 1414412	1.0000000	1.960000	0.000000	11.760000
## 1414450	1.0000000	10.890000	0.000000	47.190000
## 1414463	1.0000000	0.000000	0.000000	7.300000
## 1414623	1.0000000	4.960000	0.000000	29.760000
## 1414963	1.0000000	2.150000	0.000000	12.950000
## 1415633	1.0000000	5.960000	0.000000	35.760000
## 1415887	1.0000000	1.360000	0.000000	8.160000
## 1416026	1.0000000	0.000000	0.000000	7.300000
## 1416057	1.0000000	0.000000	0.000000	7.800000
## 1416062	1.0000000	8.070000	5.540000	48.410000
## 1416067	1.0000000	1.360000	0.000000	8.160000
## 1416179	1.0000000	4.660000	0.000000	27.960000

## 1416366	1.0000000	0.960000	0.000000	5.760000
## 1416433	1.0000000	0.000000	0.000000	17.300000
## 1416734	1.0000000	0.000000	0.000000	7.300000
## 1416841	1.0000000	0.000000	0.000000	7.800000
## 1416970	1.0000000	2.000000	0.000000	8.800000
## 1416988	1.0000000	0.000000	0.000000	9.300000
## 1417064	1.0000000	1.850000	0.000000	11.150000
## 1417513	1.0000000	1.360000	0.000000	8.160000
## 1418154	1.0000000	0.000000	0.000000	9.800000
## 1418771	1.0000000	1.550000	0.000000	9.350000
## 1418801	1.0000000	1.550000	0.000000	9.350000
## 1419091	1.0000000	0.000000	0.000000	5.800000
## 1419187	1.0000000	6.540000	5.540000	42.880000
## 1420218	1.0000000	0.000000	0.000000	9.800000
## 1420443	1.0000000	0.000000	0.000000	17.800000
## 1420717	1.0000000	0.000000	0.000000	47.800000
## 1420943	1.0000000	0.000000	0.000000	10.300000
## 1420976	1.0000000	0.000000	0.000000	6.300000
## 1421376	1.0000000	3.000000	0.000000	18.800000
## 1421586	1.0000000	0.000000	0.000000	11.300000
## 1421687	1.0000000	1.500000	0.000000	11.300000
## 1421737	1.0000000	0.000000	0.000000	16.800000
## 1422095	1.0000000	0.000000	0.000000	28.300000
## 1422301	1.0000000	6.990000	0.000000	30.290000
## 1422832	1.0000000	3.860000	0.000000	23.160000
## 1423334	1.0000000	0.000000	0.000000	7.300000
## 1423547	1.0000000	2.450000	0.000000	14.750000
## 1423867	1.0000000	0.000000	0.000000	4.800000
## 1423969	1.0000000	0.000000	0.000000	7.300000
## 1424211	1.0000000	3.080000	0.000000	15.380000
## 1424227	1.0000000	0.000000	0.000000	14.300000
## 1424829	1.0000000	1.250000	0.000000	10.550000
## 1425132	1.0000000	0.000000	0.000000	21.800000
## 1425188	1.0000000	0.000000	0.000000	7.800000
## 1425483	1.0000000	2.700000	0.000000	16.000000
## 1425826	1.0000000	0.000000	0.000000	10.800000
## 1425961	1.0000000	5.000000	5.540000	32.840000
## 1426153	1.0000000	0.000000	0.000000	9.800000
## 1426351	1.0000000	0.000000	0.000000	8.800000
## 1426419	1.0000000	0.000000	0.000000	14.800000
## 1426519	1.0000000	0.000000	0.000000	9.300000
## 1426957	1.0000000	0.000000	0.000000	6.300000
## 1427490	1.0000000	1.060000	0.000000	6.360000
## 1427491	1.0000000	2.700000	0.000000	20.000000
## 1427582	1.0000000	0.000000	0.000000	18.300000
## 1428327	1.0000000	11.000000	0.000000	43.800000
## 1428618	1.0000000	0.000000	0.000000	6.300000
## 1429180	1.0000000	11.670000	5.540000	70.010000
## 1429490	1.0000000	3.960000	0.000000	23.760000
## 1429563	1.0000000	0.000000	0.000000	15.300000
## 1429565	1.0000000	1.580000	0.000000	12.880000
## 1429614	1.0000000	0.000000	0.000000	11.300000
## 1429848	1.0000000	0.000000	0.000000	4.800000
## 1429872	1.0000000	2.320000	0.000000	11.620000
## 1430008	1.0000000	0.000000	0.000000	8.800000
## 1430753	1.0000000	0.000000	0.000000	12.300000
## 1430856	1.0000000	0.000000	0.000000	6.800000
## 1431112	1.0000000	1.350000	0.000000	8.150000
## 1431129	1.0000000	1.150000	0.000000	6.950000
## 1431712	1.0000000	0.000000	0.000000	18.800000
## 1431738	1.0000000	0.000000	0.000000	9.300000
## 1431796	1.0000000	0.000000	0.000000	10.800000
## 1431809	1.0000000	0.000000	0.000000	5.800000
## 1432028	1.0000000	1.000000	0.000000	6.800000

## 1432240	1.0000000	1.460000	0.000000	8.760000
## 1432607	1.0000000	0.000000	0.000000	9.800000
## 1432636	1.0000000	0.000000	0.000000	9.800000
## 1433533	1.0000000	1.000000	0.000000	9.300000
## 1433993	1.0000000	10.000000	0.000000	18.800000
## 1434665	1.0000000	2.500000	0.000000	21.800000
## 1435187	1.0000000	2.560000	0.000000	15.360000
## 1435197	1.0000000	0.000000	0.000000	13.800000
## 1436330	1.0000000	2.820000	0.000000	14.120000
## 1436842	1.0000000	0.000000	0.000000	11.300000
## 1436893	1.0000000	0.000000	0.000000	16.800000
## 1437091	1.0000000	1.580000	0.000000	7.880000
## 1437115	1.0000000	0.000000	0.000000	19.800000
## 1437246	1.0000000	0.000000	0.000000	7.800000
## 1437325	1.0000000	2.360000	0.000000	14.160000
## 1437538	1.0000000	0.000000	0.000000	11.300000
## 1438486	1.0000000	5.360000	0.000000	32.160000
## 1438719	1.0000000	0.000000	0.000000	7.300000
## 1439598	1.0000000	0.000000	0.000000	6.300000
## 1439876	1.0000000	5.000000	0.000000	36.300000
## 1440064	1.0000000	0.000000	0.000000	13.300000
## 1440279	1.0000000	0.000000	0.000000	13.800000
## 1440573	1.0000000	0.000000	0.000000	32.300000
## 1440664	1.0000000	0.000000	0.000000	5.300000
## 1440800	1.0000000	3.580000	0.000000	17.880000
## 1440884	1.0000000	0.000000	0.000000	12.800000
## 1441110	1.0000000	2.700000	0.000000	13.500000
## 1441586	1.0000000	0.000000	0.000000	10.800000
## 1441643	1.0000000	0.000000	0.000000	17.800000
## 1441870	1.0000000	0.000000	0.000000	19.800000
## 1441887	1.0000000	0.000000	0.000000	12.800000
## 1442423	1.0000000	0.000000	0.000000	8.300000
## 1442996	1.0000000	0.000000	0.000000	7.300000
## 1443089	1.0000000	2.460000	0.000000	14.760000
## 1443925	1.0000000	0.000000	0.000000	11.800000
## 1444285	1.0000000	0.000000	0.000000	21.300000
## 1445227	1.0000000	0.000000	0.000000	6.800000

1.7 Multivariate Outliers

```
# library(chemometrics)
# summary(df[,vars_con])
# aq.plot(df[,vars_con],delta=qchisq(0.995,length(vars_con)),quan=0.75)
# mout<-Moutlier(df[,vars_con],quantile = 0.995, plot = TRUE)
# par(mfrow=c(1,1))
# plot(mout$md,mout$rd, type="n")
# text(mout$md,mout$rd,labels=rownames(SwissLabor[,2:4]))
#
# Boxplot(mout$rd)
# summary(mout$rd)
# l<-which(mout$rd>30)
# df[l,c(vars_res,vars_con)]
```

1.8 Define new variables

Create new variables derived from the original ones, as effective speed, travel time, hour of request, period of request, effective trip distance (in km)

```
# New variables

# Trip length in km
df$tlenk<-df$Trip_distance*1.609344 # Miles to km
# Travel time in min
df$traveltime<-(as.numeric(as.POSIXct(df$lpep_dropoff_datetime)) - as.numeric(as.POSIXct(df$lpep_pickup_
```

```

# Effective speed (km/h)
df$espeed<-(df$tlcnkm/(df$travelttime))*60

# Missing data
l<-which(is.na(df$espeed));length(l)

## [1] 2
imis[l]<-imis[l]+1
jmis["espeed"]<-length(l)

# Error detection
summary(df$espeed)

##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.    NA's
##      0.00  14.73   18.90   22.21  24.11 4152.11      2

l<-which((df$espeed<=0)|(df$espeed=="Inf"))
ierrs[l]<-ierres[l]+1
jerrs["espeed"]<-length(l)
df[l,"espeed"]<-NA

# Check outliers
summary(df$espeed)

##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.    NA's
##      0.033  14.919   18.977   22.494  24.191 4152.108    64

calcQ(df$espeed)

## $souti
## 1st Qu.
## -12.8964
##
## $mouti
## 1st Qu.
## 1.01128
##
## $min
##      Min.
## 0.03325936
##
## $q1
## 1st Qu.
## 14.91896
##
## $q2
##      Median
## 18.97656
##
## $q3
## 3rd Qu.
## 24.19075
##
## $max
##      Max.
## 4152.108
##
## $mouts
## 3rd Qu.
## 38.09844
##
## $souts
## 3rd Qu.

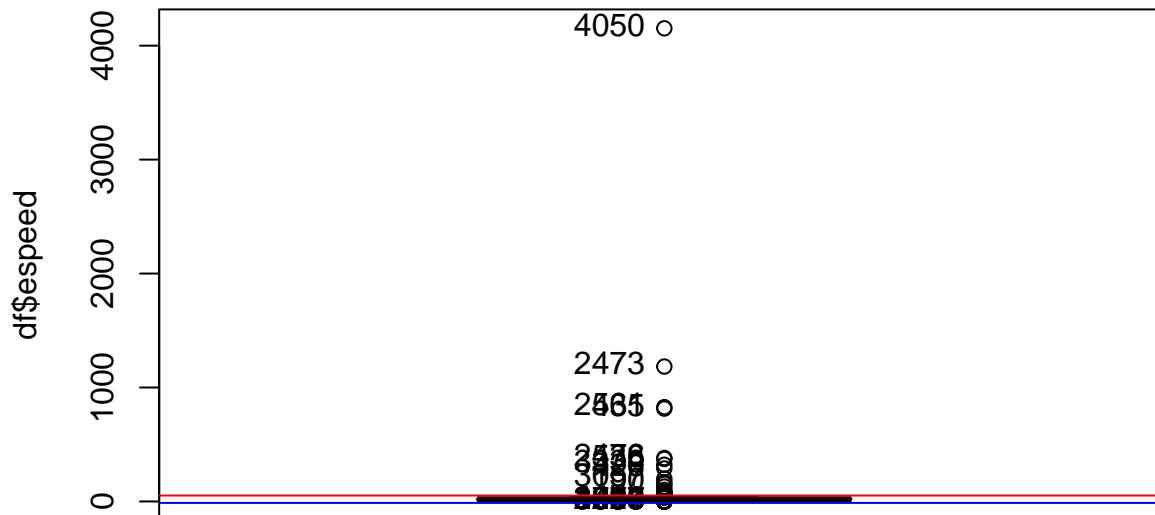
```



```
# Outlier detection
Boxplot(df$espeed)
```

```
## [1] 3245 2621 3496 2880 4610 4093 1487 4778 3201 4437 4050 2473 2561 435 2476
## [16] 533 3339 426 3057 190
```

```
var_out<-calcQ(df$espeed)
abline(h=var_out$souts,col="red")
abline(h=var_out$souti,col="blue")
```



```
llout<-which((df$espeed<=3)|(df$espeed>240))
iouts[llout]<-iouts[llout]+1
jouts["espeed"]<-length(llout)
df[llout,"espeed"]<-NA
```

```
df$lpep_pickup_hour<-as.numeric(substr(strptime(df$lpep_pickup_datetime, "%Y-%m-%d %H:%M:%S"),12,13))
df$lpep_pickup_period<-1
df$lpep_pickup_period[df$lpep_pickup_hour>7]<-2
df$lpep_pickup_period[df$lpep_pickup_hour>10]<-3
df$lpep_pickup_period[df$lpep_pickup_hour>16]<-4
df$lpep_pickup_period[df$lpep_pickup_hour>19]<-1
df$lpep_pickup_period<-factor(df$lpep_pickup_period,labels=paste("Period",c("night","morning","valley"),
df$lpep_dropoff_hour<-as.numeric(substr(strptime(df$lpep_dropoff_datetime, "%Y-%m-%d %H:%M:%S"),12,13))
df$lpep_dropoff_period<-1
df$lpep_dropoff_period[df$lpep_dropoff_hour>7]<-2
df$lpep_dropoff_period[df$lpep_dropoff_hour>10]<-3
df$lpep_dropoff_period[df$lpep_dropoff_hour>16]<-4
df$lpep_dropoff_period[df$lpep_dropoff_hour>19]<-1
df$lpep_dropoff_period<-factor(df$lpep_dropoff_period,labels=paste("Period",c("night","morning","valley"))
```

```
library(geosphere)
df$distHaversine <-distHaversine(df[,c("Pickup_longitude", "Pickup_latitude")],
                                df[,c("Dropoff_longitude", "Dropoff_latitude")])/1000
```

1.9 Discretization

Discretization of all variables

Variable speed

```
summary(df[,vars_con])
```

```
## Passenger_count Trip_distance Pickup_longitude Pickup_latitude
## Min. :0.000 Min. : 0.000 Min. : -74.16 Min. : 40.57
```

```
## 1st Qu.:1.000 1st Qu.: 1.020 1st Qu.: -73.96 1st Qu.:40.70
## Median :1.000 Median : 1.850 Median : -73.95 Median :40.75
## Mean :1.375 Mean : 2.807 Mean : -73.83 Mean :40.75
## 3rd Qu.:1.000 3rd Qu.: 3.583 3rd Qu.: -73.92 3rd Qu.:40.80
## Max. :6.000 Max. :42.200 Max. : 0.00 Max. :40.89
## Dropoff_longitude Dropoff_latitude Fare_amount Extra
## Min. : -74.18 Min. : 0.00 Min. : 0.00 Min. :0.000
## 1st Qu.: -73.97 1st Qu.:40.70 1st Qu.: 6.50 1st Qu.:0.000
## Median : -73.95 Median :40.75 Median : 9.00 Median :0.500
## Mean : -73.88 Mean :40.71 Mean : 12.03 Mean :0.349
## 3rd Qu.: -73.91 3rd Qu.:40.79 3rd Qu.: 14.50 3rd Qu.:0.500
## Max. : 0.00 Max. :40.94 Max. :113.47 Max. :1.000
## MTA_tax Improvement_surcharge Tip_amount Tolls_amount
## Min. :0.0000 Min. :0.0000 Min. : 0.00 Min. :0.00000
## 1st Qu.:1.0000 1st Qu.:1.0000 1st Qu.: 0.00 1st Qu.:0.00000
## Median :1.0000 Median :1.0000 Median : 0.00 Median :0.00000
## Mean :0.9747 Mean :0.9739 Mean : 1.27 Mean :0.09258
## 3rd Qu.:1.0000 3rd Qu.:1.0000 3rd Qu.: 2.00 3rd Qu.:0.00000
## Max. :1.0000 Max. :1.0000 Max. :37.40 Max. :5.54000
## Total_amount
## Min. : 0.00
## 1st Qu.: 7.88
## Median : 11.30
## Mean : 14.55
## 3rd Qu.: 17.30
## Max. :114.72
```

```
varaux<-factor(cut(df$espeed,breaks=quantile(df$espeed,seq(0,1,0.1),na.rm=TRUE),include.lowest = T ))
summary(varaux)
```

```
## [3.56,12.2] (12.2,14.2] (14.2,16] (16,17.5] (17.5,19.1] (19.1,20.7]
## 488 488 488 487 488 487
## (20.7,22.9] (22.9,25.8] (25.8,31.9] (31.9,201] NA's
## 488 487 488 488 123
```

```
tapply(df$espeed,varaux,median) #tapply(X, INDEX, FUN = NULL) map function
```

```
## [3.56,12.2] (12.2,14.2] (14.2,16] (16,17.5] (17.5,19.1] (19.1,20.7]
## 10.40623 13.29515 15.07147 16.72935 18.28389 19.82439
## (20.7,22.9] (22.9,25.8] (25.8,31.9] (31.9,201]
## 21.73108 24.23789 28.26116 39.17376
```

```
df$f.espeed<-factor(cut(df$espeed,breaks=quantile(df$espeed,seq(0,1,0.1),na.rm=TRUE),include.lowest = T
levels(df$f.espeed)<-paste("f.espeed-",levels(df$f.espeed),sep="")
```

```
## Variable Trip_distance
```

```
varaux<-factor(cut(df$Trip_distance,breaks=quantile(df$Trip_distance,seq(0,1,0.25),na.rm=TRUE),include.l
summary(varaux)
```

```
## [0,1.02] (1.02,1.85] (1.85,3.58] (3.58,42.2]
## 1257 1250 1243 1250
```

```
tapply(df$Trip_distance,varaux,median) #tapply(X, INDEX, FUN = NULL) map function
```

```
## [0,1.02] (1.02,1.85] (1.85,3.58] (3.58,42.2]
## 0.720 1.400 2.530 5.525
```

```
df$f.Trip_distance<-factor(cut(df$Trip_distance,breaks=quantile(df$Trip_distance,seq(0,1,0.25),na.rm=TRU
levels(df$f.Trip_distance)<-paste("f.Trip_distance-",levels(df$f.Trip_distance),sep="")
```

```
## Variable tlenkm
```

```
summary(df$tlenkm)
```

```
## Min. 1st Qu. Median Mean 3rd Qu. Max.
## 0.000 1.642 2.977 4.517 5.765 67.914
```

```

varaux<-factor(cut(df$tlenkm,breaks=quantile(df$tlenkm,seq(0,1,0.25),na.rm=TRUE),include.lowest = T ))
summary(varaux)

##      [0,1.64] (1.64,2.98] (2.98,5.77] (5.77,67.9]
##      1257      1250      1243      1250

df$f.tlenkm<-factor(ifelse(df$tlenkm<6, "f.tlenkm-short", "f.tlenkm-long"))
summary(df$f.tlenkm)

## f.tlenkm-long f.tlenkm-short
##      1166      3834

## Variable traveltime
summary(df$traveltime)

##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##      0.000  5.963  10.033  23.546  16.554 1438.450

varaux<-factor(cut(df$traveltime,breaks=c(0,5,40,max(df$traveltime)),include.lowest = T ))
summary(varaux)

##      [0,5]      (5,40] (40,1.44e+03]
##      932      3919      149

df$f.traveltime <- varaux
levels(df$f.traveltime)<-paste("f.traveltime-",levels(df$f.traveltime),sep="")

## Variable distHaversine

varaux<-factor(cut(df$distHaversine,breaks=quantile(df$distHaversine,seq(0,1,0.25),na.rm=TRUE),include.lowest = T ))
summary(varaux)

##      [0,1.24]      (1.24,2.24]      (2.24,4.15] (4.15,8.67e+03]
##      1250      1250      1250      1250

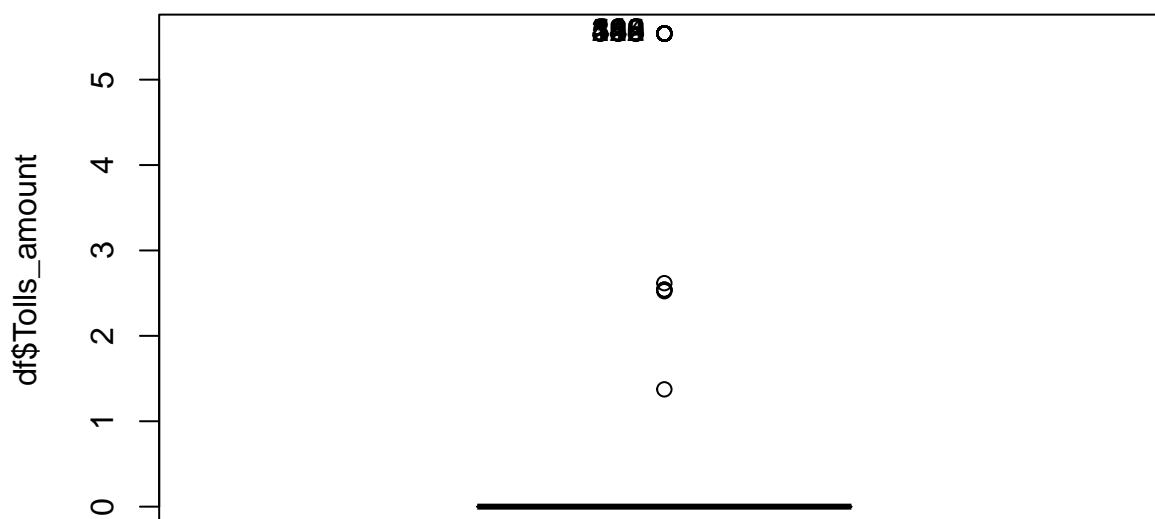
tapply(df$distHaversine,varaux,median) #tapply(X, INDEX, FUN = NULL) map function

##      [0,1.24]      (1.24,2.24]      (2.24,4.15] (4.15,8.67e+03]
##      0.8461959      1.6795509      3.0321294      6.2790956

df$f.distHaversine<-factor(cut(df$distHaversine,breaks=quantile(df$distHaversine,seq(0,1,0.25),na.rm=TRUE),include.lowest = T ))
levels(df$f.distHaversine)<-paste("f.distHaversine-",levels(df$f.distHaversine),sep="")

# Variable Tolls_amount
Boxplot(df$Tolls_amount)

```



```

## [1] 132 140 296 322 346 414 448 569 585 588

varaux<-factor(cut(df$Tolls_amount,breaks=c(0,0.01,max(df$Tolls_amount)),include.lowest = T ))
df$AnyToll <- df$Tolls_amount < 0.01
df$AnyToll<-factor(df$AnyToll,labels=paste("AnyToll",c("No", "Yes")))

```

```
summary(df$AnyToll)
```

```
## AnyToll No AnyToll Yes
##          87          4913
```

```
## Variable Tip_amount
```

```
df$AnyTip<-ifelse(df$Tip_amount<0.01,0,1)
df$AnyTip<-factor(df$AnyTip,labels=paste("AnyTip",c("No","Yes")))
summary(df$AnyTip)
```

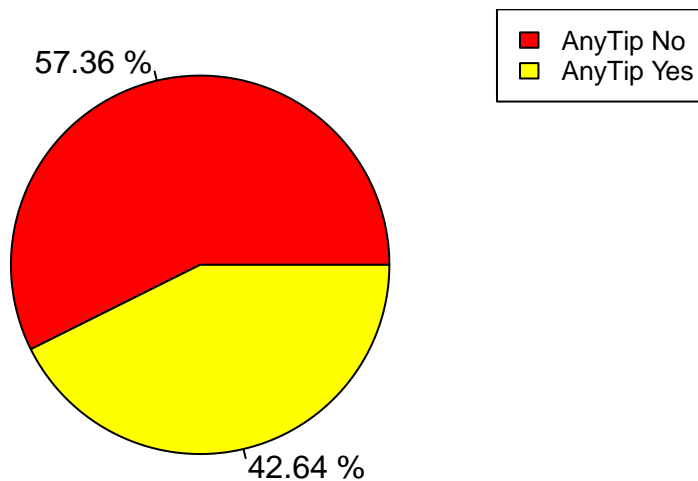
```
## AnyTip No AnyTip Yes
##        2868        2132
```

```
# Pie
```

```
piepercent<-round(100*(table(df$AnyTip)/nrow(df)),dig=2); piepercent
```

```
##
## AnyTip No AnyTip Yes
##        57.36        42.64
```

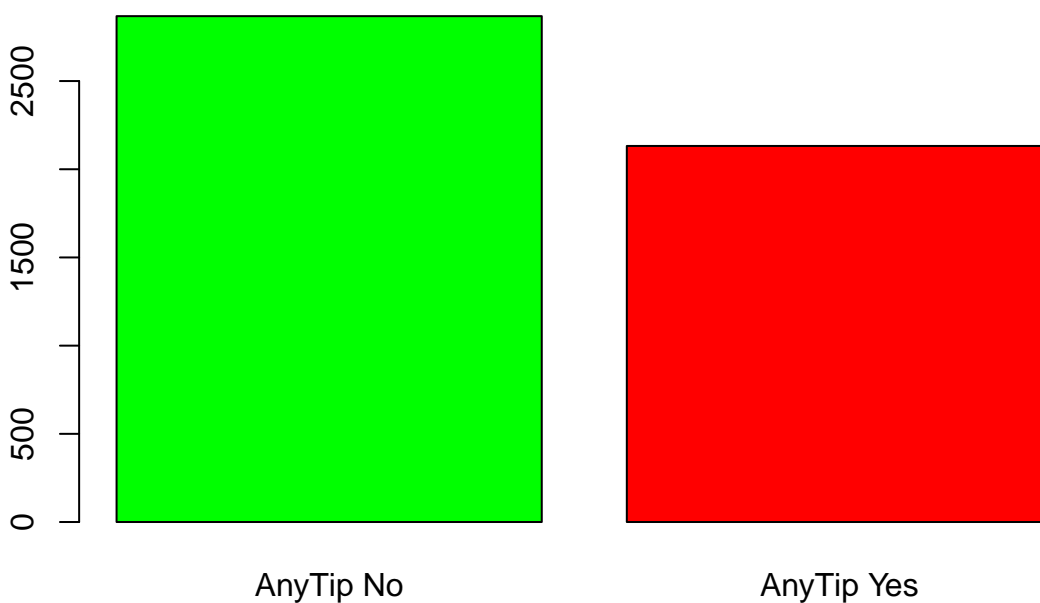
```
pie(table(df$AnyTip),col=heat.colors(2),labels=paste(piepercent,"%"))
legend("topright", levels(df$AnyTip), cex = 0.8, fill = heat.colors(2))
```



```
# Bar Chart
```

```
barplot(table(df$AnyTip),main="Barplot Final Decision Factor",col=c("green","red"))
```

Barplot Final Decision Factor



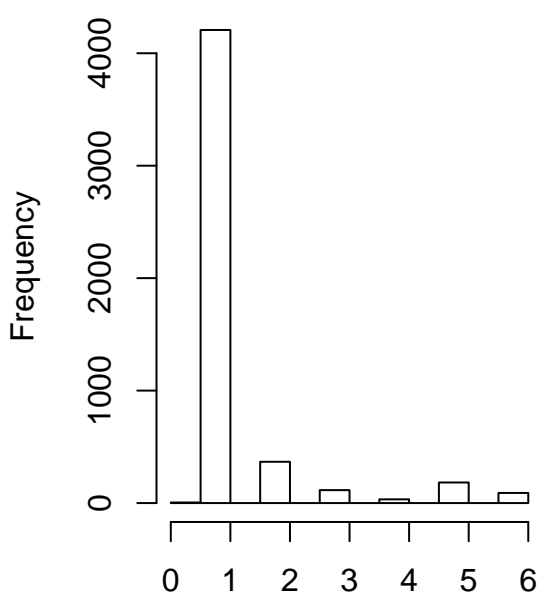
1.10 Data Quality report (missings/errors/outliers) and remove observations with missings in targets

1.11 Univariant Exploratory Analysis (EDA)

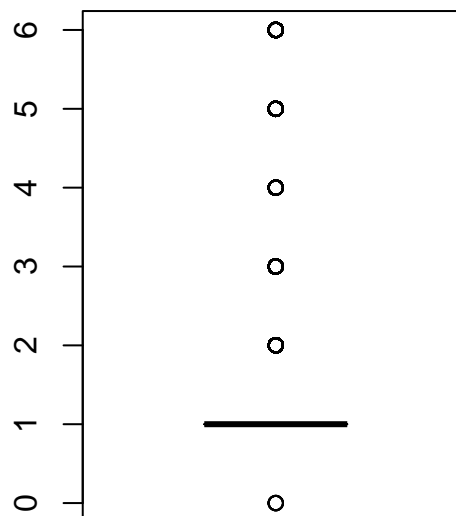
```
EDA_Univariant(df[,vars_con[1]])
```

```
##           x
##  Min.      :0.000
##  1st Qu.: 1.000
##  Median : 1.000
##  Mean    : 1.375
##  3rd Qu.: 1.000
##  Max.     : 6.000
## [1] 1.058914
```

Histogram



Boxplot



1.12 Profiling

```
#####
#                                     Profiling
#                                     Package FactoMineR will be used
#####
#library(FactoMineR)
#summary(df$Total_amount)
# The "variable to describe cannot have NA #####
# res.condes<-condes(df,which(names(df)=="Total_amount")) # Takes a lot
#res.condes<-condes(df[,c(vars_res,vars_con,vars_dis)],1)

#res.condes$quanti # Global association to numeric variables
#res.condes$quali # Global association to factors
#res.condes$category # Partial association to significative levels in factors
```