Homework6

YikunHan42

目录

1 导入第三方库

```
library(mlr)
```

```
## Warning: 程辑包'mlr'是用R版本4.1.3 来建造的
```

```
## 载入需要的程辑包: ParamHelpers

## Warning: 程辑包'ParamHelpers'是用R版本4.1.3 来建造的

## Warning message: 'mlr' is in 'maintenance-only' mode since July 2019.
## Future development will only happen in 'mlr3'
## (<https://mlr3.mlr-org.com>). Due to the focus on 'mlr3' there might be
## uncaught bugs meanwhile in {mlr} - please consider switching.
```

```
library(GGally)
```

```
## Warning: 程辑包'GGally'是用R版本4.1.3 来建造的

## 载入需要的程辑包: ggplot2

## Registered S3 method overwritten by 'GGally':
##   method from
##   +.gg   ggplot2
```

```
library(tidyverse)
```

```
## Warning: 程辑包'tidyverse'是用R版本4.1.3 来建造的

## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --

## v tibble  3.1.6     v dplyr   1.0.8
## v tidyr   1.2.0     v stringr 1.4.0
## v readr   2.1.2     v forcats 0.5.1
## v purrr   0.3.4

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

```
library(dplyr)
library(clusterSim)
```

```
## Warning: 程辑包'clusterSim'是用R版本4.1.3 来建造的
```

```
## 载入需要的程辑包: cluster
```

```
## Warning: 程辑包'cluster'是用R版本4.1.3 来建造的
```

```
## 载入需要的程辑包: MASS
```

```
## Warning: 程辑包'MASS'是用R版本4.1.3 来建造的
```

```
##
## 载入程辑包: 'MASS'
```

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

```
library(clue)
```

```
## Warning: 程辑包'clue'是用R版本4.1.3 来建造的
```

```
library(stringi)
library(plotly)
```

```
## Warning: 程辑包'plotly'是用R版本4.1.3 来建造的
```

```
##
## 载入程辑包: 'plotly'
```

```
## The following object is masked from 'package:MASS':
##
##     select
```

```
## The following object is masked from 'package:ggplot2':
##
##     last_plot

## The following object is masked from 'package:stats':
##
##     filter

## The following object is masked from 'package:graphics':
##
##     layout
```

```
library(corrplot)
```

```
## Warning: 程辑包'corrplot'是用R版本4.1.3 来建造的

## corrplot 0.92 loaded
```

```
library(ggfortify)
```

```
## Warning: 程辑包'ggfortify'是用R版本4.1.3 来建造的
```

2 数据预处理

```
data<-read.csv('D:/Study/DSBI/Task6/dangdang6.csv', fileEncoding = "GB2312")
data %>% drop_na() -> data
```

3 探索性数据分析

3.1 展示

```
str(data)
```

```
## 'data.frame':    6682 obs. of  7 variables:
##  $ book_title      : chr  "不一样的卡梅拉（第二辑　全三册）" "学会爱自己（勇敢表达
##  $ book_comments   : int  145477 142614 81841 82614 94721 79745 72726 494823 53557 5
##  $ book_score_count: num  99.2 99.8 99.5 99.6 99.5 98.7 99 99.2 99 100 ...
##  $ current_price   : num  17.6 29 5.8 5.8 56.5 14.9 14.9 22.5 23 63 ...
##  $ origin_price    : num  26.4 58 8.8 8.8 84.8 29.8 29.8 45 29.8 126 ...
##  $ discount        : num  6.7 5 6.6 6.6 6.7 5 5 5 7.7 5 ...
##  $ type            : chr  "绘本/图画书" "绘本/图画书" "绘本/图画书" "绘本/图画书" ..
```

```
summary(data)
```

```
##   book_title        book_comments       book_score_count current_price
##  Length:6682        Min.   :     37.0   Min.   : 81.30   Min.   :  0.00
##  Class :character   1st Qu.:    867.2   1st Qu.: 98.90   1st Qu.: 11.53
##  Mode  :character   Median :   2770.0   Median : 99.60   Median : 21.80
##                     Mean   :  22761.6   Mean   : 99.22   Mean   : 41.78
##                     3rd Qu.:   9839.2   3rd Qu.: 99.90   3rd Qu.: 48.27
##                     Max.   :1684852.0   Max.   :100.00   Max.   :946.00
##   origin_price       discount          type
##  Min.   :   0.00   Min.   : 0.000   Length:6682
##  1st Qu.:  16.00   1st Qu.: 5.000   Class :character
##  Median :  31.80   Median : 5.500   Mode  :character
##  Mean   :  66.67   Mean   : 5.407
##  3rd Qu.:  85.45   3rd Qu.: 7.000
##  Max.   :1230.00   Max.   :10.000
```

3.2 可视化

```
explor_book_category<-group_by(data,type)%>%
    summarise(count=n(),
              percent=n()/nrow(data)*100)%>%
  arrange(desc(count))

plot_ly(data<-explor_book_category,
        labels=~type,
        values=~count,
        name=" 图书类别构成"
        )%>%add_pie(hole=0.5)
```

```
# 自定义直方图
ExplorHistogramplot<-function(data,titleX=NULL,titleY=NULL){
  plot_ly(x=~data,
          type="histogram",
          marker=list(color="rgb(158,202,225)",
          line=list(color="rgb(8,48,107)",width=1.5)),
          histnorm="count",
          name=" 直方图")%>%
          layout(xaxis=list(title=titleX),
                 yaxis=list(title=titleY))
}

# 自定义箱线图
ExplorBoxPlot<-function(data,titleX=NULL,titleY=NULL){
  plot_ly(x=~data,
          type="box",
          name=" 箱线图")%>%
    layout(xaxis=list(title=titleX),
           yaxis=list(title=titleY))
}
```

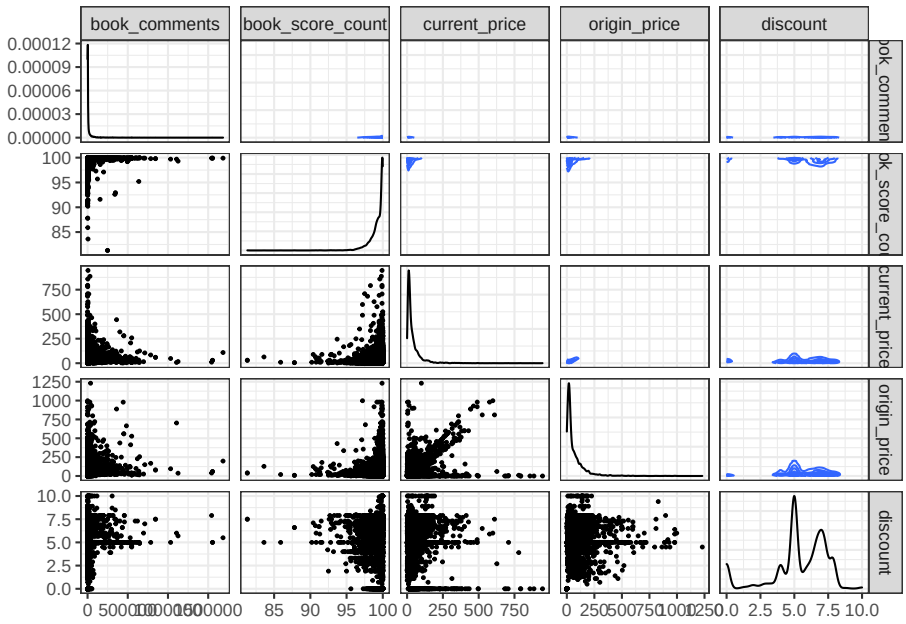
```
# 绘制现价组合图
data<-read.csv('D:/Study/DSBI/Task6/dangdang6.csv', fileEncoding = "GB2312")
data %>% drop_na() -> data
p1<-ExplorHistogramplot(data=data$current_price,titleY=" 频次")
p2<-ExplorBoxPlot(data=data$current_price,titleY="",titleX=" 图书现价")
subplot(p1,p2,nrows=2,widths=1,heights=c(0.8,0.2),margin=0,
        shareX=T,shareY=F,titleX=T,titleY=F)
```

```
# 绘制原价组合图
p3<-ExplorHistogramplot(data=data$origin_price,titleY=" 频次")
p4<-ExplorBoxPlot(data=data$origin_price,titleY="",titleX=" 图书原价")
subplot(p3,p4,nrows=2,widths=1,heights=c(0.8,0.2),margin=0,
        shareX=T,shareY=F,titleX=T,titleY=F)
```

```
# 绘制折扣组合图
p5<-ExplorHistogramplot(data=data$discount,titleY=" 频次")
p6<-ExplorBoxPlot(data=data$discount,titleY="",titleX=" 图书折扣")
subplot(p5,p6,nrows=2,widths=1,heights=c(0.8,0.2),margin=0,
        shareX=T,shareY=F,titleX=T,titleY=F)
```

```
corrplot(cor(data[,2:6]),
         method="number",
         type="upper",tl.srt=45)
```


```
ggpairs(data[,2:6],
        upper=list(continuous="density"),
        lower=list(continuous=wrap("points",size=0.5)),
        diag=list(continuous="densityDiag")) + theme_bw()
```



4 k-means 聚类

4.1 标准化特征变量

```
data_df = data[2:6]
data.scaled.matrix <- scale(data_df); class(data.scaled.matrix)
```

```
## [1] "matrix" "array"
```

```
data.scaled <- as.data.frame(data.scaled.matrix); class(data.scaled)
```

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

4.2 创建 task 和 learner

```
task <- makeClusterTask(data=data.scaled)
learner <- makeLearner("cluster.kmeans",
                       par.vals=list(iter.max=100,nstart=10))
```

4.3 交叉验证和调参

```
set.seed(2022)
param.set <- makeParamSet(makeDiscreteParam("centers",values=8:10),
                          makeDiscreteParam("algorithm",c("Lloyd")))
search.grid <- makeTuneControlGrid()
cv.6fold <- makeResampleDesc("CV",iters=6)
params.tuned <- tuneParams(learner=learner,
                           task=task,
                           resampling=cv.6fold,
                           par.set=param.set,
                           control=search.grid,
                           measures=list(db,G1,G2))
```

```
## [Tune] Started tuning learner cluster.kmeans for parameter set:

##               Type len Def Constr Req Tunable Trafo
## centers   discrete   -   - 8,9,10   -    TRUE     -
## algorithm discrete   -   -  Lloyd   -    TRUE     -

## With control class: TuneControlGrid

## Imputation value: InfImputation value: -0Imputation value: -0

## [Tune-x] 1: centers=8; algorithm=Lloyd

## [Tune-y] 1: db.test.mean=1.1229367,G1.test.mean=311.4062482,G2.test.mean=-0.9756687;
```

```
## [Tune-x] 2: centers=9; algorithm=Lloyd

## [Tune-y] 2: db.test.mean=1.0279308,G1.test.mean=337.2291192,G2.test.mean=-0.9658453;

## [Tune-x] 3: centers=10; algorithm=Lloyd

## [Tune-y] 3: db.test.mean=1.0193061,G1.test.mean=335.2871216,G2.test.mean=-0.9725439;

## [Tune] Result: centers=10; algorithm=Lloyd : db.test.mean=1.0193061,G1.test.mean=335
```

```
params.tuned$x
```

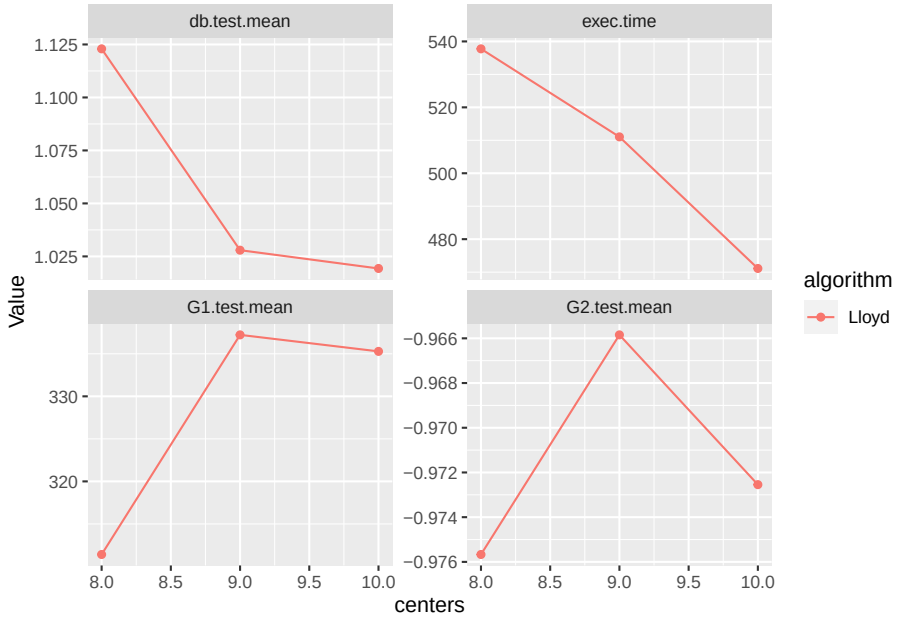
```
## $centers
## [1] 10
##
## $algorithm
## [1] "Lloyd"
```

```
tuning.data <- generateHyperParsEffectData(params.tuned)
knitr::kable(tuning.data$data)
```

centers	algorithm	db.test.mean	G1.test.mean	G2.test.mean	iteration	exec.time
8	Lloyd	1.122937	311.4062	-0.9756687	1	537.75
9	Lloyd	1.027931	337.2291	-0.9658453	2	511.04
10	Lloyd	1.019306	335.2871	-0.9725439	3	471.11

```
gathered.tuning.data <- gather(tuning.data$data,
                               key="Metric",
                               value="Value",
                               c(-centers,-iteration,-algorithm))
```

```
p <- ggplot(gathered.tuning.data,
            aes(centers,Value,col=algorithm))
p+facet_wrap(~Metric,scales="free_y")+geom_line()+geom_point()
```




```
learner.tuned <- setHyperPars(learner,par.vals=params.tuned$x)
model.tuned <- train(learner.tuned,task)
result <- getLearnerModel(model.tuned)
```

```
data_df %>%
  mutate(cluster=as.factor(result$cluster)) -> result.data.df
result.data.df
```

```
##      book_comments book_score_count current_price origin_price discount cluster
## 1           145477             99.2         17.60        26.40      6.7       3
## 2           142614             99.8         29.00        58.00      5.0       8
## 3            81841             99.5          5.80         8.80      6.6       3
## 4            82614             99.6          5.80         8.80      6.6       3
## 5            94721             99.5         56.50        84.80      6.7       3
```

## 6	79745	98.7	14.90	29.80	5.0	2
## 7	72726	99.0	14.90	29.80	5.0	2
## 8	494823	99.2	22.50	45.00	5.0	10
## 9	53557	99.0	23.00	29.80	7.7	3
## 10	524687	100.0	63.00	126.00	5.0	10
## 11	47372	99.4	14.90	29.80	5.0	2
## 12	42995	99.3	40.00	60.00	6.7	3
## 13	296117	100.0	76.00	118.80	6.4	8
## 14	30520	99.5	103.40	172.50	6.0	1
## 15	33078	99.0	14.90	29.80	5.0	2
## 16	384680	100.0	18.00	36.00	5.0	8
## 17	29204	99.1	14.90	29.80	5.0	2
## 18	444455	99.9	35.00	70.00	5.0	8
## 19	22380	99.0	46.80	78.00	6.0	3
## 20	24371	99.4	14.90	29.80	5.0	2
## 21	20667	99.1	69.10	89.40	7.7	3
## 22	20438	99.1	62.90	82.80	7.6	3
## 23	21777	99.5	29.80	59.60	5.0	2
## 24	18505	99.4	6.50	10.00	6.5	3
## 25	12913	99.1	34.10	64.00	5.3	2
## 26	134476	99.9	45.00	90.00	5.0	2
## 27	329897	100.0	18.00	36.00	5.0	8
## 28	432232	99.7	23.70	36.00	6.6	8
## 29	17640	99.6	12.00	18.00	6.7	3
## 30	62486	100.0	5.00	10.00	5.0	2
## 31	332388	99.8	20.90	36.80	5.7	8
## 32	14874	99.0	20.50	28.00	7.3	3
## 33	13682	98.5	15.80	27.80	5.7	7
## 34	28758	100.0	74.20	256.00	2.9	1
## 35	456906	99.9	30.60	38.80	7.9	8
## 36	15783	99.3	10.00	25.00	4.0	2
## 37	9140	99.4	48.00	72.00	6.7	3
## 38	341150	99.8	17.50	35.00	5.0	8

## 39	6818	97.5	13.20	30.00	4.4	7
## 40	11338	99.3	62.90	82.80	7.6	3
## 41	263781	99.8	27.60	35.00	7.9	8
## 42	247723	99.8	18.00	36.00	5.0	8
## 43	14586	98.7	23.50	29.80	7.9	3
## 44	270572	100.0	23.00	46.00	5.0	8
## 45	14478	98.9	14.60	20.00	7.3	3
## 46	209144	99.8	70.00	140.00	5.0	8
## 47	13191	99.3	10.00	25.00	4.0	2
## 48	16325	99.1	14.90	29.80	5.0	2
## 49	12131	98.7	14.70	25.80	5.7	3
## 50	430511	99.9	49.50	99.00	5.0	8
## 51	11600	97.6	28.80	48.00	6.0	7
## 52	14193	99.2	23.50	29.80	7.9	3
## 53	12022	99.4	19.60	26.80	7.3	3
## 54	322793	99.9	93.00	186.00	5.0	8
## 55	10969	98.7	30.00	75.00	4.0	2
## 56	844757	99.8	60.00	79.60	7.5	10
## 57	417597	99.9	19.20	33.80	5.7	8
## 58	315857	99.9	27.60	35.00	7.9	8
## 59	9415	97.4	35.50	91.00	3.9	7
## 60	11389	99.2	18.30	25.00	7.3	3
## 61	280438	99.9	31.40	39.80	7.9	8
## 62	10385	99.1	47.90	79.90	6.0	3
## 63	12142	98.9	24.80	49.60	5.0	2
## 64	9705	99.1	40.30	72.00	5.6	2
## 65	288709	99.8	19.90	39.80	5.0	8
## 66	45508	99.9	39.00	77.00	5.1	2
## 67	213829	100.0	9.00	18.00	5.0	8
## 68	240504	100.0	78.00	156.00	5.0	8
## 69	165266	99.9	231.60	386.00	6.0	5
## 70	509028	99.5	19.90	39.80	5.0	10
## 71	11859	99.2	14.70	25.80	5.7	3

```
## 72  115372  100.0  112.30  162.00  6.9  1
## 73  313869  100.0   69.90  139.90  5.0  8
## 74    5877   99.2   35.00   56.00  6.3  3
## 75   70317   99.9   40.00   60.00  6.7  3
## 76  265129  100.0   19.90   35.00  5.7  8
## 77  546555  100.0   19.90   39.80  5.0 10
## 78   18863   99.8   18.10   31.80  5.7  2
## 79  362970   99.9   21.24   36.00  5.9  8
## 80   41511   99.9   17.50   35.00  5.0  2
## 81    8132   99.3   57.20   89.40  6.4  3
## 82  316121   99.8   21.40   42.80  5.0  8
## 83   11415   98.9   50.10   80.00  6.3  3
## 84    9813   99.2   69.50   88.00  7.9  3
## 85    8458   99.4   72.50  115.20  6.3  1
## 86  196645   99.9   31.40   39.80  7.9  8
## 87  305320   99.5  118.80  198.00  6.0  8
## 88   17954  100.0   96.00  192.00  5.0  1
## 89    8561   99.4   21.10   26.80  7.9  3
## 90  121372   99.9   22.60   39.80  5.7  2
## 91  313867  100.0   69.90  139.90  5.0  8
## 92    7583   99.7   18.20   26.00  7.0  3
## 93  174929   99.8   27.60   35.00  7.9  8
## 94   84541  100.0   18.40   36.80  5.0  2
## 95   52699  100.0   24.90   49.90  5.0  2
## 96   57040  100.0   14.99   10.00  5.0  2
## 97  433343   99.6    5.00   35.80  5.0  8
## 98    7796   98.2   17.90   88.00  3.9  7
## 99  199364   99.9   34.30   36.00  5.0  8
## 100   4888   99.3   18.00   38.80  4.0  2
## 101  61724  100.0   46.00   72.00  6.4  3
## 102 165116   99.9   10.00   20.00  5.0  8
## 103  42577   99.9   44.00   88.00  5.0  2
## 104   7535   99.1   16.40   28.80  5.7  3
```

```
## 105      6896  99.0  20.80  29.80 7.0  3
## 106    450615 100.0 279.80 559.60 5.0  5
## 107      7512  97.0   7.30  22.00 3.3  7
## 108   1553921  99.9  29.50  59.00 5.0 10
## 109      8302  99.3  59.40  99.00 6.0  3
## 110      7603  98.0  46.80  78.00 6.0  7
## 111      6565  98.7  72.00 120.00 6.0  1
## 112     41625 100.0  21.40  42.80 5.0  2
## 113     26595 100.0  22.90  45.90 5.0  2
## 114    139841 100.0  17.50  35.00 5.0  2
## 115    313870 100.0  69.90 139.90 5.0  8
## 116     47998  99.9  12.10  26.80 4.5  2
## 117      7935  97.9  40.00  60.00 6.7  7
## 118     82999 100.0   9.90  19.80 5.0  2
## 119    192528  99.8  30.00  38.00 7.9  8
## 120     29945  99.9  40.00  60.00 6.7  3
## 121    248351  81.3  30.00  39.80 7.5  9
## 122    115752 100.0  18.00  36.00 5.0  2
## 123      4494  96.9  47.80  79.80 6.0  7
## 124     47702  99.9  70.00 140.00 5.0  1
## 125      6105 100.0  93.80 128.00 7.3  1
## 126      6810  99.2   4.99 159.20 4.2  2
## 127      5770  99.1  66.80  50.40 7.0  3
## 128      7962  98.3  35.20  25.00 7.3  3
## 129     15164 100.0  18.30  88.00 5.0  2
## 130    217665  99.8  44.00  54.00 5.5  8
## 131      8325  99.8  29.70  60.00 6.7  3
## 132     95857  99.9  40.00  39.80 5.7  2
## 133    229139  99.9  22.60  34.80 5.0  8
## 134      4894  98.4  17.40  27.60 6.8  3
## 135     66988  99.9  18.90  39.00 5.0  2
## 136    167746 100.0  19.50  22.00 5.0  8
## 137      5591 100.0  11.00 158.00 7.7  3
```

```
## 138  11262 100.0 122.10  85.60 5.0 1
## 139  82576 100.0  42.80  25.00 5.0 2
## 140 197635  99.9  12.50 225.60 6.9 8
## 141   7526  99.7  16.40  28.80 5.7 2
## 142  84567  99.9 135.00 270.00 5.0 1
## 143  97375 100.0  26.60  35.00 7.6 3
## 144   3435 100.0  36.00  72.00 5.0 2
## 145   5191 100.0  72.00 144.00 5.0 1
## 146   4360 100.0  36.00  72.00 5.0 2
## 147 110268  99.8  21.00  42.00 5.0 2
## 148   4683  98.8  46.00  69.00 6.7 3
## 149   4486  99.9  56.30  88.00 6.4 3
## 150 166175 100.0  36.00  72.00 5.0 8
## 151   1604  87.8   5.80   8.80 6.6 9
## 152 195744  99.9 148.50 297.00 5.0 1
## 153   4558  99.1  19.90  39.80 5.0 2
## 154  55926 100.0  26.00  39.00 6.7 3
## 155   6418  99.6  21.30  29.80 7.1 3
## 156  21477  99.9  18.10  31.80 5.7 2
## 157   4425 100.0  70.90 110.80 6.4 1
## 158   6496  98.1  14.90  29.80 5.0 7
## 159   5045  99.3  17.80  25.00 7.1 3
## 160   4193  99.2   4.50   6.80 6.6 3
## 161   7615  99.1  21.30  29.80 7.1 3
## 162 346297  92.9  90.00 119.40 7.5 9
## 163 146098 100.0  64.20 128.40 5.0 8
## 164   2942 100.0 108.10 139.80 7.7 1
## 165   1101 100.0  26.00  52.00 5.0 2
## 166 249579  99.9  17.40  34.80 5.0 8
## 167 145477  99.2  17.60  26.40 6.7 3
## 168 142614  99.8  29.00  58.00 5.0 8
## 169  81841  99.5   5.80   8.80 6.6 3
## 170  82614  99.6   5.80   8.80 6.6 3
```

## 171	94721	99.5	56.50	84.80	6.7	3
## 172	79745	98.7	14.90	29.80	5.0	2
## 173	72726	99.0	14.90	29.80	5.0	2
## 174	494823	99.2	22.50	45.00	5.0	10
## 175	53557	99.0	23.00	29.80	7.7	3
## 176	524687	100.0	63.00	126.00	5.0	10
## 177	47372	99.4	14.90	29.80	5.0	2
## 178	42995	99.3	40.00	60.00	6.7	3
## 179	296117	100.0	76.00	118.80	6.4	8
## 180	30520	99.5	103.40	172.50	6.0	1
## 181	33078	99.0	14.90	29.80	5.0	2
## 182	384680	100.0	18.00	36.00	5.0	8
## 183	29204	99.1	14.90	29.80	5.0	2
## 184	444455	99.9	35.00	70.00	5.0	8
## 185	22380	99.0	46.80	78.00	6.0	3
## 186	24371	99.4	14.90	29.80	5.0	2
## 187	20667	99.1	69.10	89.40	7.7	3
## 188	20438	99.1	62.90	82.80	7.6	3
## 189	21777	99.5	29.80	59.60	5.0	2
## 190	18505	99.4	6.50	10.00	6.5	3
## 191	12913	99.1	34.10	64.00	5.3	2
## 192	134476	99.9	45.00	90.00	5.0	2
## 193	329897	100.0	18.00	36.00	5.0	8
## 194	432232	99.7	23.70	36.00	6.6	8
## 195	17640	99.6	12.00	18.00	6.7	3
## 196	62486	100.0	5.00	10.00	5.0	2
## 197	332388	99.8	20.90	36.80	5.7	8
## 198	14874	99.0	20.50	28.00	7.3	3
## 199	13682	98.5	15.80	27.80	5.7	7
## 200	28758	100.0	74.20	256.00	2.9	1
## 201	456906	99.9	30.60	38.80	7.9	8
## 202	15783	99.3	10.00	25.00	4.0	2
## 203	9140	99.4	48.00	72.00	6.7	3

```
## 204 341150  99.8  17.50  35.00 5.0  8
## 205   6818  97.5  13.20  30.00 4.4  7
## 206  11338  99.3  62.90  82.80 7.6  3
## 207 263781  99.8  27.60  35.00 7.9  8
## 208 247723  99.8  18.00  36.00 5.0  8
## 209  14586  98.7  23.50  29.80 7.9  3
## 210 270572 100.0  23.00  46.00 5.0  8
## 211  14478  98.9  14.60  20.00 7.3  3
## 212 209144  99.8  70.00 140.00 5.0  8
## 213  13191  99.3  10.00  25.00 4.0  2
## 214  16325  99.1  14.90  29.80 5.0  2
## 215  12131  98.7  14.70  25.80 5.7  3
## 216 430511  99.9  49.50  99.00 5.0  8
## 217  11600  97.6  28.80  48.00 6.0  7
## 218  14193  99.2  23.50  29.80 7.9  3
## 219  12022  99.4  19.60  26.80 7.3  3
## 220 322793  99.9  93.00 186.00 5.0  8
## 221  10969  98.7  30.00  75.00 4.0  2
## 222 844757  99.8  60.00  79.60 7.5 10
## 223 417597  99.9  19.20  33.80 5.7  8
## 224 315857  99.9  27.60  35.00 7.9  8
## 225   9415  97.4  35.50  91.00 3.9  7
## 226  11389  99.2  18.30  25.00 7.3  3
## 227 280438  99.9  31.40  39.80 7.9  8
## 228  10385  99.1  47.90  79.90 6.0  3
## 229  12142  98.9  24.80  49.60 5.0  2
## 230   9705  99.1  40.30  72.00 5.6  2
## 231 288709  99.8  19.90  39.80 5.0  8
## 232  45508  99.9  39.00  77.00 5.1  2
## 233 213829 100.0   9.00  18.00 5.0  8
## 234 240504 100.0  78.00 156.00 5.0  8
## 235 165266  99.9 231.60 386.00 6.0  5
## 236 509028  99.5  19.90  39.80 5.0 10
```

## 237	11859	99.2	14.70	25.80	5.7	3
## 238	115372	100.0	112.30	162.00	6.9	1
## 239	313869	100.0	69.90	139.90	5.0	8
## 240	5877	99.2	35.00	56.00	6.3	3
## 241	70317	99.9	40.00	60.00	6.7	3
## 242	265129	100.0	19.90	35.00	5.7	8
## 243	546555	100.0	19.90	39.80	5.0	10
## 244	18863	99.8	18.10	31.80	5.7	2
## 245	362970	99.9	21.24	36.00	5.9	8
## 246	41511	99.9	17.50	35.00	5.0	2
## 247	8132	99.3	57.20	89.40	6.4	3
## 248	316121	99.8	21.40	42.80	5.0	8
## 249	11415	98.9	50.10	80.00	6.3	3
## 250	9813	99.2	69.50	88.00	7.9	3
## 251	8458	99.4	72.50	115.20	6.3	1
## 252	196645	99.9	31.40	39.80	7.9	8
## 253	305320	99.5	118.80	198.00	6.0	8
## 254	17954	100.0	96.00	192.00	5.0	1
## 255	8561	99.4	21.10	26.80	7.9	3
## 256	121372	99.9	22.60	39.80	5.7	2
## 257	313867	100.0	69.90	139.90	5.0	8
## 258	7583	99.7	18.20	26.00	7.0	3
## 259	174929	99.8	27.60	35.00	7.9	8
## 260	84541	100.0	18.40	36.80	5.0	2
## 261	52699	100.0	24.90	49.90	5.0	2
## 262	57040	100.0	14.99	10.00	5.0	2
## 263	433343	99.6	5.00	35.80	5.0	8
## 264	7796	98.2	17.90	88.00	3.9	7
## 265	199364	99.9	34.30	36.00	5.0	8
## 266	4888	99.3	18.00	38.80	4.0	2
## 267	61724	100.0	46.00	72.00	6.4	3
## 268	165116	99.9	10.00	20.00	5.0	8
## 269	42577	99.9	44.00	88.00	5.0	2

```
## 270    7535  99.1  16.40  28.80 5.7  3
## 271    6896  99.0  20.80  29.80 7.0  3
## 272  450615 100.0 279.80 559.60 5.0  5
## 273    7512  97.0   7.30  22.00 3.3  7
## 274 1553921  99.9  29.50  59.00 5.0 10
## 275    8302  99.3  59.40  99.00 6.0  3
## 276    7603  98.0  46.80  78.00 6.0  7
## 277    6565  98.7  72.00 120.00 6.0  1
## 278   41625 100.0  21.40  42.80 5.0  2
## 279   26595 100.0  22.90  45.90 5.0  2
## 280  139841 100.0  17.50  35.00 5.0  2
## 281  313870 100.0  69.90 139.90 5.0  8
## 282   47998  99.9  12.10  26.80 4.5  2
## 283    7935  97.9  40.00  60.00 6.7  7
## 284   82999 100.0   9.90  19.80 5.0  2
## 285  192528  99.8  30.00  38.00 7.9  8
## 286   29945  99.9  40.00  60.00 6.7  3
## 287  248351  81.3  30.00  39.80 7.5  9
## 288  115752 100.0  18.00  36.00 5.0  2
## 289    4494  96.9  47.80  79.80 6.0  7
## 290   47702  99.9  70.00 140.00 5.0  1
## 291    6105 100.0  93.80 128.00 7.3  1
## 292    6810  99.2   4.99 159.20 4.2  2
## 293    5770  99.1  66.80  50.40 7.0  3
## 294    7962  98.3  35.20  25.00 7.3  3
## 295   15164 100.0  18.30  88.00 5.0  2
## 296  217665  99.8  44.00  54.00 5.5  8
## 297    8325  99.8  29.70  60.00 6.7  3
## 298   95857  99.9  40.00  39.80 5.7  2
## 299  229139  99.9  22.60  34.80 5.0  8
## 300    4894  98.4  17.40  27.60 6.8  3
## 301   66988  99.9  18.90  39.00 5.0  2
## 302  167746 100.0  19.50  22.00 5.0  8
```

```
## 303   5591  100.0   11.00  158.00  7.7  3
## 304  11262  100.0  122.10   85.60  5.0  1
## 305  82576  100.0   42.80   25.00  5.0  2
## 306 197635   99.9   12.50  225.60  6.9  8
## 307   7526   99.7   16.40   28.80  5.7  2
## 308  84567   99.9  135.00  270.00  5.0  1
## 309  97375  100.0   26.60   35.00  7.6  3
## 310   3435  100.0   36.00   72.00  5.0  2
## 311   5191  100.0   72.00  144.00  5.0  1
## 312   4360  100.0   36.00   72.00  5.0  2
## 313 110268   99.8   21.00   42.00  5.0  2
## 314   4683   98.8   46.00   69.00  6.7  3
## 315   4486   99.9   56.30   88.00  6.4  3
## 316 166175  100.0   36.00   72.00  5.0  8
## 317   1604   87.8    5.80    8.80  6.6  9
## 318 195744   99.9  148.50  297.00  5.0  1
## 319   4558   99.1   19.90   39.80  5.0  2
## 320  55926  100.0   26.00   39.00  6.7  3
## 321   6418   99.6   21.30   29.80  7.1  3
## 322  21477   99.9   18.10   31.80  5.7  2
## 323   4425  100.0   70.90  110.80  6.4  1
## 324   6496   98.1   14.90   29.80  5.0  7
## 325   5045   99.3   17.80   25.00  7.1  3
## 326   4193   99.2    4.50    6.80  6.6  3
## 327   7615   99.1   21.30   29.80  7.1  3
## 328 346297   92.9   90.00  119.40  7.5  9
## 329 146098  100.0   64.20  128.40  5.0  8
## 330   2942  100.0  108.10  139.80  7.7  1
## 331   1101  100.0   26.00   52.00  5.0  2
## 332 249579   99.9   17.40   34.80  5.0  8
## 333  40377   99.9  236.00  472.00  5.0  5
## 334 327932   99.5   19.90   39.80  5.0  8
## 335   4281   99.2   56.40  120.00  4.7  2
```

## 336	5665	97.3	44.00	88.00	5.0	7
## 337	61822	99.9	59.60	119.20	5.0	2
## 338	9605	99.8	89.10	198.00	4.5	1
## 339	8430	100.0	84.00	168.00	5.0	1
## 340	6415	99.9	40.00	60.00	6.7	3
## 341	1303	99.9	27.30	35.00	7.8	3
## 342	68003	100.0	44.00	88.00	5.0	2
## 343	91906	100.0	19.90	39.80	5.0	2
## 344	4286	98.8	40.90	59.40	6.9	3
## 345	4979	98.9	3.40	5.00	6.8	3
## 346	69042	99.9	24.10	35.00	6.9	3
## 347	5113	98.8	39.10	49.80	7.9	3
## 348	36457	100.0	97.80	195.60	5.0	1
## 349	83335	100.0	19.50	39.00	5.0	2
## 350	42567	100.0	99.00	198.00	5.0	1
## 351	101068	100.0	22.10	45.00	4.9	2
## 352	30574	99.9	24.90	36.00	6.9	3
## 353	165268	99.9	19.00	38.00	5.0	8
## 354	156422	99.9	19.00	38.00	5.0	8
## 355	305606	99.7	37.10	42.80	8.7	8
## 356	132681	99.9	234.00	468.00	5.0	5
## 357	4927	99.1	6.50	10.00	6.5	3
## 358	62155	100.0	18.00	36.00	5.0	2
## 359	206016	99.9	17.40	34.80	5.0	8
## 360	4319	99.0	41.80	64.00	6.5	3
## 361	4878	99.1	3.50	5.00	7.0	3
## 362	149995	99.9	18.00	36.00	5.0	8
## 363	4352	99.3	16.60	23.80	7.0	3
## 364	97524	99.9	59.00	118.00	5.0	2
## 365	174669	100.0	78.00	117.00	6.7	8
## 366	4492	98.9	3.40	5.00	6.8	3
## 367	100988	100.0	23.50	29.80	7.9	3
## 368	44996	99.9	52.50	105.00	5.0	2

```
## 369 215747 99.9 16.00 32.00 5.0 8
## 370 3371 98.9 6.70 28.00 2.4 4
## 371 133364 99.9 35.70 62.80 5.7 2
## 372 44416 99.9 44.00 88.00 5.0 2
## 373 4062 98.6 36.00 60.00 6.0 3
## 374 119752 99.9 20.90 36.80 5.7 2
## 375 5317 98.9 50.40 80.00 6.3 3
## 376 4265 97.5 53.30 80.00 6.7 7
## 377 4940 98.6 53.40 68.00 7.9 3
## 378 5068 98.3 60.40 96.00 6.3 7
## 379 3156 99.0 11.20 28.00 4.0 2
## 380 4262 98.4 24.00 60.00 4.0 7
## 381 4561 98.6 58.60 88.00 6.7 3
## 382 126565 99.9 20.40 35.80 5.7 2
## 383 3904 98.4 50.20 79.80 6.3 7
## 384 4831 99.6 78.20 99.00 7.9 3
## 385 3944 98.9 3.50 5.00 7.0 3
## 386 29175 100.0 27.50 55.00 5.0 2
## 387 3276 98.5 42.55 63.00 6.8 3
## 388 122941 99.9 39.30 100.80 3.9 2
## 389 30323 99.9 160.00 320.00 5.0 1
## 390 23996 99.9 16.20 36.00 4.5 2
## 391 2604 99.2 75.80 96.00 7.9 3
## 392 339879 92.6 30.00 39.80 7.5 9
## 393 5369 99.4 57.90 84.00 6.9 3
## 394 4598 99.2 48.00 120.00 4.0 2
## 395 6714 99.6 19.60 26.80 7.3 3
## 396 22089 99.9 52.80 99.00 5.3 2
## 397 4854 99.4 193.20 280.00 6.9 1
## 398 3725 98.4 27.00 60.00 4.5 7
## 399 3524 98.1 82.80 138.00 6.0 1
## 400 4073 98.5 37.40 72.00 5.2 7
## 401 62020 100.0 48.00 80.00 6.0 2
```

```
## 402   3217  99.1   4.50   6.80 6.6 3
## 403  19087 100.0 139.50 279.00 5.0 1
## 404   3851  98.7   3.50   5.00 7.0 3
## 405 187865  99.1  30.00  39.80 7.5 8
## 406   4158  98.9   3.40   5.00 6.8 3
## 407   4184  98.9   3.40   5.00 6.8 3
## 408 158406 100.0  22.90  45.80 5.0 8
## 409   2418  97.6  53.10  88.80 6.0 7
## 410   2660  97.9  26.00  78.00 3.3 7
## 411 110211  99.9  21.40  42.80 5.0 2
## 412   3495  98.3  11.90  29.80 4.0 7
## 413 184740 100.0  40.00  58.00 6.9 8
## 414 195932 100.0  49.00  98.00 5.0 8
## 415 181537  99.9  20.40  35.80 5.7 8
## 416   3283  98.1  52.30  78.00 6.7 7
## 417   6049  99.6  19.70  25.00 7.9 3
## 418   3857  98.8 100.00 200.00 5.0 1
## 419   3470  98.2  52.30  78.00 6.7 7
## 420  46302 100.0  62.80  79.60 7.9 3
## 421   3267  98.7  46.60  70.00 6.7 3
## 422   6140  99.4  48.00  96.00 5.0 2
## 423   2306  98.7   6.70  28.00 2.4 4
## 424  20604 100.0  49.00  98.00 5.0 2
## 425 105675  99.9  11.00  22.00 5.0 2
## 426 144287  99.9  28.30  49.80 5.7 8
## 427  44892  99.7  27.60  35.00 7.9 3
## 428   3335  98.8  21.20  54.40 3.9 2
## 429  51244  99.9 164.10 288.00 5.7 1
## 430   2598  99.2  22.10  28.00 7.9 3
## 431   4590  98.6  62.90  88.00 7.1 3
## 432   3644  98.9   3.50   5.00 7.0 3
## 433  21702 100.0  85.30 108.00 7.9 1
## 434  34553 100.0  24.00  48.00 5.0 2
```

```
## 435  65357  99.9  190.00  380.00  5.0  5
## 436  58078 100.0   67.90  135.80  5.0  1
## 437   6402 100.0   88.80  177.60  5.0  1
## 438   2156  98.7   11.20   28.00  4.0  2
## 439   3334  99.3   40.20   89.40  4.5  2
## 440   3720  99.0   20.00   28.00  7.1  3
## 441   3073  98.3   45.60   72.00  6.3  7
## 442   3732  99.2   12.00   18.00  6.7  3
## 443  95551 100.0   40.00   58.00  6.9  3
## 444   4010  99.6    9.40   39.80  6.0  3
## 445  25872 100.0   23.80  168.00  5.0  2
## 446    905  99.9   20.40   32.00  6.4  3
## 447   3998  99.5   20.00   28.00  7.1  3
## 448  96524  99.9   11.00   22.00  5.0  2
## 449   3321  98.8   48.00  120.00  4.0  2
## 450 711934  99.9  105.00  150.00  7.0 10
## 451 187728  99.9   26.60   46.80  5.7  8
## 452  75651  99.9   20.90   36.80  5.7  2
## 453   3179  98.7   35.40   59.00  6.0  3
## 454   6961  99.6   17.30   22.00  7.9  3
## 455  13568 100.0   31.20   48.00  6.5  3
## 456  28018 100.0   28.80   46.80  4.9  2
## 457 105489  99.9   22.90   38.00  5.0  2
## 458   3492  99.0   19.00    5.00  7.0  3
## 459  22292 100.0    3.50  116.00  5.6  2
## 460   3535  98.9   64.90  165.00  5.0  1
## 461   3400  99.5   82.50   96.00  6.3  1
## 462  63888 100.0   60.40   99.60  5.0  2
## 463   4224  99.5   49.80   29.80  7.1  3
## 464   2088  98.9   21.30   28.00  7.9  3
## 465 157547  98.6   22.10   39.80  7.5  3
## 466   1432 100.0   75.00  150.00  5.0  1
## 467   2032  99.4   40.00   60.00  6.7  3
```

```
## 468   2625  99.2  74.00  103.60  7.1  3
## 469  57364 100.0  31.40   39.80  7.9  3
## 470   2814  98.7  26.00   41.40  6.3  3
## 471 202132  99.5 156.00  312.00  5.0  1
## 472  12750  99.9  55.00  110.00  5.0  2
## 473   1722 100.0  60.00  120.00  5.0  2
## 474   1944  97.8  14.80   51.20  2.9  7
## 475   3078  97.8  72.80  140.00  5.2  7
## 476   2753  99.2  21.80   29.80  7.3  3
## 477   9540  93.9  14.90   29.80  5.0  9
## 478  47014 100.0  20.40   35.80  5.7  2
## 479  34706 100.0  15.50   39.80  3.9  2
## 480   7400 100.0 124.70  249.50  5.0  1
## 481  28659  99.8  13.40   29.80  4.5  2
## 482   3483  99.3  19.70   25.00  7.9  3
## 483  93246 100.0  17.50   35.00  5.0  2
## 484  56074  99.9  20.50   28.00  7.3  3
## 485   3010  98.3  51.20  128.00  4.0  7
## 486   2639  97.9  46.80   78.00  6.0  7
## 487 149498  99.9  36.90   46.80  7.9  8
## 488  26296 100.0  31.40   39.80  7.9  3
## 489   2764  98.1  36.00   72.00  5.0  7
## 490   8583  99.7  14.90   29.80  5.0  2
## 491  18472 100.0  24.90   49.80  5.0  2
## 492   3192  99.1   3.40    5.00  6.8  3
## 493  38035 100.0  73.50  147.00  5.0  1
## 494   7267 100.0  99.80  199.60  5.0  1
## 495   2267  99.9  60.80   78.00  7.8  3
## 496   1393  96.1  10.00   25.00  4.0  7
## 497   3673  99.9  88.50  305.00  2.9  1
## 498   2775  99.6  16.60   25.00  6.6  3
## 499  86880  99.8  19.90   39.80  5.0  2
## 500  26053  99.9  31.40   39.80  7.9  3
```

```
## 501  41379  100.0  18.00  36.00  5.0  2
## 502   2653   99.0  70.00 100.00  7.0  3
## 503  13119   95.9  16.40  32.80  5.0  7
## 504   2815   99.2  14.60  76.80  1.9  4
## 505   8174   99.8  18.60  28.00  6.6  3
## 506   2763   99.4  56.40  96.00  5.9  2
## 507   3913   99.1  19.50  24.80  7.9  3
## 508  44527   99.9  14.50  32.00  4.5  2
## 509   4292  100.0  33.60  48.00  7.0  3
## 510   2709   99.0 104.00 156.00  6.7  1
## 511   4971  100.0 120.60 268.00  4.5  1
## 512   2929   99.0  25.20  40.00  6.3  3
## 513  48612  100.0  22.90  45.80  5.0  2
## 514    791  100.0  66.20  94.60  7.0  3
## 515   2505   99.0  25.00  66.20  3.8  2
## 516  50729  100.0  19.90  39.80  5.0  2
## 517   1511   96.6  10.00  25.00  4.0  7
## 518   3038  100.0  60.50 134.40  4.5  1
## 519   1168   95.5  22.10  28.00  7.9  7
## 520   1282   95.9   8.40  21.00  4.0  7
## 521  46829  100.0  25.00  50.00  5.0  2
## 522  41490   99.9  20.50  28.00  7.3  3
## 523   2418   98.4  44.00 165.00  2.7  2
## 524  66787   99.9  51.80  79.90  6.5  3
## 525   2819   98.3  19.70  25.00  7.9  3
## 526   1214   99.9  32.20  44.80  7.2  3
## 527   3930   98.7  17.80  25.00  7.1  3
## 528  76624  100.0  26.60  46.80  5.7  2
## 529   2841   99.3  21.30  29.80  7.1  3
## 530   2579   99.0  29.10  39.80  7.3  3
## 531   5046   99.8  24.90  32.00  7.8  3
## 532  45788  100.0  13.20  18.00  7.3  3
## 533   3783   99.8  19.90  39.80  5.0  2
```

## 534	2988	97.7	18.30	25.00	7.3	7
## 535	151430	100.0	22.90	45.80	5.0	8
## 536	5626	99.2	17.50	35.00	5.0	2
## 537	10399	99.9	14.90	29.80	5.0	2
## 538	1177	100.0	41.80	59.80	7.0	3
## 539	9628	99.9	59.70	119.40	5.0	2
## 540	2710	99.0	10.00	25.00	4.0	2
## 541	4435	99.7	24.00	48.00	5.0	2
## 542	60167	100.0	66.00	90.00	7.3	3
## 543	2749	98.7	23.00	29.80	7.7	3
## 544	77184	100.0	37.50	75.00	5.0	2
## 545	2334	99.4	25.00	39.80	6.3	3
## 546	13704	98.7	25.30	32.80	7.7	3
## 547	141580	99.1	18.40	36.80	5.0	2
## 548	318689	99.5	32.40	72.00	4.5	8
## 549	1820	99.0	51.40	72.00	7.1	3
## 550	2771	98.9	35.10	51.20	6.9	3
## 551	2159	98.0	23.50	58.80	4.0	7
## 552	98880	100.0	22.10	45.00	4.9	2
## 553	2537	99.2	23.40	39.00	6.0	3
## 554	13742	99.9	26.00	39.00	6.7	3
## 555	2133	97.9	41.50	60.00	6.9	7
## 556	2376	98.9	45.00	90.00	5.0	2
## 557	17804	99.7	361.40	556.00	6.5	5
## 558	2958	99.2	12.70	20.00	6.4	3
## 559	2037	98.2	32.00	80.00	4.0	7
## 560	2596	98.7	8.40	20.00	4.2	2
## 561	57588	99.8	27.00	60.00	4.5	2
## 562	50652	100.0	19.00	38.00	5.0	2
## 563	43545	100.0	22.00	48.90	4.5	2
## 564	37811	99.9	30.70	39.80	7.7	3
## 565	25760	100.0	49.50	99.00	5.0	2
## 566	67714	99.9	11.00	22.00	5.0	2

```
## 567   3646  99.6  60.00  120.00  5.0  2
## 568  37955 100.0  16.40   32.80  5.0  2
## 569 106657 100.0  48.00   96.00  5.0  2
## 570  32399  99.9 130.00  260.00  5.0  1
## 571  56709  99.8  82.00  164.00  5.0  1
## 572   1766  98.5   4.80   12.00  4.0  2
## 573 115080  99.7  32.00   64.00  5.0  2
## 574   2573  99.0   7.80   12.00  6.5  3
## 575  38210 100.0  19.00   38.00  5.0  2
## 576  55443  99.9  22.50   45.00  5.0  2
## 577   1551  99.6  13.30   19.80  6.7  3
## 578   6987 100.0  27.60   35.00  7.9  3
## 579   1452  99.1  30.20   48.00  6.3  3
## 580   2782  99.8  67.10   91.60  7.3  3
## 581   3522  99.1  26.40   36.00  7.3  3
## 582   2142  98.1  29.00   36.80  7.9  3
## 583  38779 100.0  19.90   39.80  5.0  2
## 584   2511  98.2  34.10   58.00  5.9  7
## 585   9221  99.8  15.00   30.00  5.0  2
## 586   1889  99.0  33.60   80.00  4.2  2
## 587   2430  98.1  15.90   39.80  4.0  7
## 588   2874  99.4  21.30   29.80  7.1  3
## 589 133335 100.0  24.90   43.80  5.7  2
## 590   2437  99.0  18.67   28.00  6.7  3
## 591  52728 100.0  18.00   36.00  5.0  2
## 592  24997 100.0  16.20   24.90  6.5  3
## 593 115458  99.7  29.29   33.80  8.7  3
## 594  19913  99.8  15.90   31.80  5.0  2
## 595  24275  99.2  15.90   31.80  5.0  2
## 596  16054 100.0  16.00   32.00  5.0  2
## 597   3452  98.4   6.60   10.00  6.6  3
## 598 117766 100.0  29.90   59.80  5.0  2
## 599   2196  98.6 120.00  180.00  6.7  1
```

```
## 600   9861  94.1  14.90  29.80 5.0 9
## 601 107011  99.7  26.00  39.00 6.7 3
## 602   1996  99.2  18.00  36.00 5.0 2
## 603  29109 100.0  69.30 154.00 4.5 1
## 604  84038  99.9  19.90  39.80 5.0 2
## 605   2556  99.3  20.50  28.00 7.3 3
## 606  69258  99.9  17.40  34.80 5.0 2
## 607  13608  99.9  16.40  32.80 5.0 2
## 608  17173  99.8  37.50  75.00 5.0 2
## 609   1883  98.6  15.60  19.80 7.9 3
## 610   2120  98.2  18.90  24.00 7.9 3
## 611   1795  98.7 157.70 225.40 7.0 1
## 612   1995  99.0  15.60  19.80 7.9 3
## 613  18839  99.9  18.20  96.00 1.9 4
## 614   2201  99.4  47.00  70.00 6.7 3
## 615  59431  99.9  22.10  38.80 5.7 2
## 616  43693 100.0  19.90  39.80 5.0 2
## 617  50860 100.0  11.00  22.00 5.0 2
## 618   3207  99.3  42.00  84.00 5.0 2
## 619   2122  99.7  38.40  76.80 5.0 2
## 620   2490  97.8  17.40  22.00 7.9 7
## 621  13497 100.0  18.40  36.80 5.0 2
## 622  73234  99.9  31.40  39.80 7.9 3
## 623  29179  99.9 120.00 240.00 5.0 1
## 624   2365  98.4  15.90  39.80 4.0 7
## 625 236892  99.6  99.00 198.00 5.0 8
## 626   3465  98.7  22.80  32.00 7.1 3
## 627  67307  99.9  22.10  38.80 5.7 2
## 628   2604  99.3  48.30  76.80 6.3 3
## 629   3889  98.0  52.80  88.00 6.0 7
## 630  97641 100.0  57.50 115.00 5.0 2
## 631  14703  99.9  23.00  46.00 5.0 2
## 632  33840  99.9  31.40  39.80 7.9 3
```

## 633	5219	99.8	36.80	158.00	2.3	2
## 634	1944	99.2	21.60	36.00	6.0	3
## 635	22639	100.0	34.00	68.00	5.0	2
## 636	1796	98.4	88.00	220.00	4.0	1
## 637	2510	99.3	18.67	28.00	6.7	3
## 638	27858	100.0	14.40	32.00	4.5	2
## 639	7670	99.9	20.40	32.00	6.4	3
## 640	12490	99.9	23.50	29.80	7.9	3
## 641	15417	100.0	59.90	119.80	5.0	2
## 642	136917	100.0	19.50	39.00	5.0	2
## 643	1426	99.9	50.50	64.00	7.9	3
## 644	88495	100.0	40.00	58.00	6.9	3
## 645	1677	98.7	5.30	16.00	3.3	2
## 646	2628	99.7	31.30	39.80	7.9	3
## 647	25378	99.8	90.00	180.00	5.0	1
## 648	67421	99.8	19.90	39.80	5.0	2
## 649	2153	99.5	248.10	396.00	6.3	5
## 650	36645	99.9	24.70	49.50	5.0	2
## 651	1488	99.9	99.50	199.00	5.0	1
## 652	4597	100.0	49.00	98.00	5.0	2
## 653	2216	98.6	43.68	72.00	5.0	2
## 654	27834	99.9	36.00	20.00	5.0	2
## 655	19854	99.9	10.00	39.80	5.0	2
## 656	7742	96.6	19.90	29.80	5.0	7
## 657	1873	100.0	14.90	42.00	5.0	2
## 658	34961	100.0	21.00	39.80	5.0	2
## 659	71792	99.9	19.90	38.80	5.7	2
## 660	1655	98.8	22.10	12.00	7.1	3
## 661	16263	99.9	8.50	36.80	5.0	2
## 662	4275	91.5	18.40	108.00	7.3	9
## 663	60656	99.6	79.20	188.00	6.0	1
## 664	25330	100.0	112.80	60.00	4.5	2
## 665	2909	99.3	27.00	25.00	7.9	3

```
## 666 603070 100.0  50.00 100.00 5.0 10
## 667 458685  99.9  15.80  22.00 7.2  8
## 668 620784  99.9  13.20  18.00 7.3 10
## 669 646887 100.0  14.20  29.00 4.9 10
## 670 109865 100.0  10.00  20.00 5.0  2
## 671 410661 100.0  50.00 100.00 5.0  8
## 672  60333 100.0 174.40 196.00 8.9  1
## 673 315520 100.0  50.00 100.00 5.0  8
## 674 696573  99.9  15.60  26.00 6.0 10
## 675 217755 100.0  70.00 140.00 5.0  8
## 676 373403  99.9  43.20  59.00 7.3  8
## 677  23513  99.7  12.40  17.00 7.3  3
## 678 204031 100.0  45.00  90.00 5.0  8
## 679  23094  99.3 114.00 228.00 5.0  1
## 680 331296 100.0  50.00 100.00 5.0  8
## 681  19744  99.5   8.90  17.80 5.0  2
## 682 240425  99.9 200.00 400.00 5.0  5
## 683  16129  99.6  44.00  60.00 7.3  3
## 684  30623  99.9 377.60 515.00 7.3  5
## 685 132539 100.0  65.99  89.40 5.0  2
## 686  17795  99.3  14.10  24.80 5.7  2
## 687  16392  99.2  54.00 108.00 5.0  2
## 688  94463 100.0  34.00  68.00 5.0  2
## 689  19917  99.6   9.99  29.80 5.0  2
## 690 278324 100.0  14.90 110.40 3.9  8
## 691  10285  99.3  43.10  60.00 6.0  3
## 692  80067  99.9  36.00  96.00 1.6  4
## 693  13527  99.2  15.80  25.00 5.0  2
## 694  16662  99.4  12.50  18.00 7.3  3
## 695  10841  99.4  13.20  71.20 5.0  2
## 696  12208  99.0  35.60  35.00 5.0  2
## 697 183973 100.0  17.50  29.00 5.0  8
## 698 193927  99.8  14.50  39.80 7.9  8
```

## 699	91517	99.9	31.40	114.00	5.0	2
## 700	114068	100.0	57.00	108.00	5.0	2
## 701	11289	99.1	34.99	25.00	5.0	2
## 702	14064	99.4	54.00	15.00	7.3	3
## 703	95833	100.0	12.50	20.00	5.0	2
## 704	16757	99.5	11.00	16.00	5.0	2
## 705	12462	99.4	10.00	19.00	5.0	2
## 706	12939	99.5	9.10	16.00	5.7	2
## 707	14032	99.5	19.00	38.00	5.0	2
## 708	13077	99.4	15.00	30.00	5.0	2
## 709	5023	99.9	107.30	275.00	3.9	1
## 710	10904	99.5	82.50	45.00	5.0	2
## 711	57901	99.9	22.50	25.00	5.0	2
## 712	11236	99.5	12.50	17.80	5.0	2
## 713	228309	100.0	8.90	24.80	4.9	8
## 714	28396	100.0	12.20	138.00	5.0	2
## 715	11189	99.4	69.00	30.00	5.0	2
## 716	11306	99.5	15.00	18.00	5.0	2
## 717	188110	99.9	9.00	24.00	6.0	8
## 718	10696	99.6	14.40	19.00	5.0	2
## 719	12405	99.5	9.50	28.00	5.0	2
## 720	9831	99.8	14.00	17.80	5.0	2
## 721	183898	99.8	8.90	300.00	5.0	8
## 722	221940	99.9	150.00	24.00	6.0	8
## 723	9047	99.8	14.40	78.00	6.3	3
## 724	8419	99.5	49.40	120.00	7.3	3
## 725	10042	99.1	88.00	18.00	5.0	2
## 726	4686	97.1	39.20	98.00	4.0	7
## 727	9051	99.4	101.90	139.00	7.3	1
## 728	8013	99.3	14.60	20.00	7.3	3
## 729	178372	99.7	49.00	98.00	5.0	8
## 730	14477	100.0	12.50	25.00	5.0	2
## 731	83955	100.0	100.00	200.00	5.0	1

## 732	10687	99.7	9.50	19.00	5.0	2
## 733	115731	100.0	100.00	200.00	5.0	1
## 734	146348	100.0	38.00	76.00	5.0	8
## 735	203510	99.6	14.40	24.00	6.0	8
## 736	73667	100.0	11.70	16.00	7.3	3
## 737	8986	99.5	10.00	20.00	5.0	2
## 738	72392	100.0	12.50	25.00	5.0	2
## 739	10217	99.7	9.50	19.00	5.0	2
## 740	9782	99.6	11.00	15.00	7.3	3
## 741	59525	99.9	98.00	196.00	5.0	1
## 742	100559	99.9	78.00	156.00	5.0	1
## 743	9423	99.5	14.60	20.00	7.3	3
## 744	18924	99.9	53.70	68.00	7.9	3
## 745	29283	100.0	34.90	69.80	5.0	2
## 746	10083	99.5	8.00	16.00	5.0	2
## 747	9786	99.7	12.00	24.00	5.0	2
## 748	201460	100.0	109.50	219.00	5.0	8
## 749	7502	99.7	65.70	225.00	5.0	1
## 750	24664	99.9	112.50	78.00	5.0	1
## 751	19977	100.0	39.00	32.00	7.3	3
## 752	2504	100.0	23.40	152.00	4.5	2
## 753	10114	99.6	68.40	15.00	7.1	3
## 754	7892	99.4	10.71	47.00	7.0	3
## 755	1363	100.0	32.90	32.00	5.0	2
## 756	7434	99.8	16.00	80.00	7.3	3
## 757	4372	98.7	58.60	18.00	5.0	2
## 758	8854	99.6	9.00	20.00	5.0	2
## 759	10250	99.6	10.00	28.00	5.0	2
## 760	45810	99.9	14.00	936.00	4.5	5
## 761	10424	99.6	421.20	23.00	5.0	6
## 762	8971	99.4	11.50	16.80	5.0	2
## 763	6126	100.0	8.40	29.80	7.8	3
## 764	78053	100.0	23.20	18.00	5.0	2

```
## 765  21826 100.0   9.00  88.00 5.0 2
## 766  20830 100.0 119.40 238.80 5.0 1
## 767   6287  99.3  14.60  20.00 7.3 3
## 768  43742 100.0  64.50 129.00 5.0 1
## 769  28712 100.0  19.00  26.00 7.3 3
## 770  80957 100.0  14.90  29.80 5.0 2
## 771   7982  99.4   8.90  17.80 5.0 2
## 772   8467  99.4   9.50  19.00 5.0 2
## 773   8999  99.5  11.00  15.00 7.3 3
## 774  42254  99.9  60.00 120.00 5.0 2
## 775   6844  99.1  11.20  22.50 5.0 2
## 776   6555  99.4   8.00  16.00 5.0 2
## 777   7965  99.3  19.90  39.80 5.0 2
## 778 109689 100.0  10.00  20.00 5.0 2
## 779   8358  99.6  11.00  15.00 7.3 3
## 780   9334  99.6  24.90  13.00 5.7 2
## 781  25074  99.9   7.40 172.00 5.0 2
## 782   6493  99.3   6.00  32.00 5.0 2
## 783  55923 100.0  86.00  29.80 5.0 2
## 784   7471  99.3  16.00  16.00 4.0 2
## 785   7695  99.9  21.80  28.00 7.8 3
## 786   6470  99.4   5.00  10.00 5.0 2
## 787  24047 100.0  14.90  29.80 5.0 2
## 788   8240  99.7  10.71  15.00 7.1 3
## 789 119019 100.0  80.00 160.00 5.0 1
## 790   7494  99.6  10.00  20.00 5.0 2
## 791   7126  99.5  14.60  20.00 7.3 3
## 792  94451 100.0  14.00  28.00 5.0 2
## 793   7096  99.7  10.70  15.00 7.1 3
## 794   6273  99.4   7.30  10.00 7.3 3
## 795   7326 100.0  53.70  68.00 7.9 3
## 796   6726  99.2  14.30  20.00 7.2 3
## 797   1278 100.0  54.40  69.80 7.8 3
```

```
## 798  10927 100.0 24.90 49.80 5.0 2
## 799   9129  99.7 11.00 15.00 7.3 3
## 800   6535  99.4 10.60 16.00 6.6 3
## 801   9493 100.0 39.00 78.00 5.0 2
## 802   4719  99.9 59.00 39.00 5.0 2
## 803   6519  99.4 19.50 60.00 5.0 2
## 804  16283 100.0 17.55 159.20 5.0 2
## 805   7358  99.5  9.90 19.80 5.0 2
## 806  43424  99.9 160.00 320.00 5.0 1
## 807   2988 100.0 85.30 108.00 7.9 1
## 808   4865 100.0 14.00 28.00 5.0 2
## 809  14469 100.0 23.20 29.80 7.8 3
## 810   9206  99.6 10.50 21.00 5.0 2
## 811   7495  99.1  4.20 16.00 2.6 2
## 812  14469 100.0 114.00 228.00 5.0 1
## 813   1170 100.0 169.00 69.80 5.0 1
## 814   5238  99.6 34.90 17.00 7.3 3
## 815   1642 100.0 12.40 19.80 7.1 3
## 816   1557 100.0 14.10 28.00 7.8 3
## 817  40270 100.0 21.80 69.00 5.0 2
## 818   1451  99.9 34.50 68.00 7.8 3
## 819   1910 100.0 53.00 39.80 7.8 3
## 820   1827 100.0 31.00 28.00 7.8 3
## 821   1308 100.0 21.80 28.00 7.8 3
## 822   1346 100.0 21.80 28.00 7.8 3
## 823   1213 100.0 21.80 28.00 7.8 3
## 824   2918 100.0 21.80 210.00 5.0 1
## 825  17418 100.0 12.50 25.00 5.0 2
## 826   8904  99.6  9.10 16.00 5.7 2
## 827   7295  99.7  3.99 20.00 5.0 2
## 828   6886  99.4 10.00 15.00 6.9 3
## 829  32223  99.8 10.30 150.00 2.0 2
## 830   6062  99.3 29.90 10.00 5.0 2
```

```
## 831   1184  100.0   5.00   58.00 5.0 2
## 832  14838  100.0  29.00   25.00 5.0 2
## 833   5889   99.2  29.00   22.50 5.0 2
## 834  56813  100.0  12.50   22.00 5.0 2
## 835  39634   99.9  11.20  114.00 5.0 2
## 836   5989   99.4  11.00   18.00 5.0 2
## 837   2048   99.9  57.00   58.00 7.8 3
## 838   5311   99.4  39.99   20.50 5.0 2
## 839  33398   99.6   9.00   19.80 5.0 2
## 840   2597  100.0  45.20  348.00 5.0 1
## 841   5874   99.3  10.20   16.00 8.2 3
## 842   1343   99.9   9.90   58.00 7.8 3
## 843   4863   99.3 174.00   20.00 7.3 1
## 844   5223   99.6  13.10   92.00 7.0 3
## 845   1092  100.0  89.40  178.80 5.0 1
## 846   5102   99.5  13.40   19.00 7.1 3
## 847   6623   98.8   6.50   13.00 5.0 2
## 848  22577   99.9 128.10  144.00 8.9 1
## 849  70511  100.0  13.00   26.00 5.0 2
## 850  28146   99.8  14.60   40.00 3.7 2
## 851  20502  100.0  54.00  108.00 5.0 2
## 852   2169   99.5 285.20  389.00 7.3 5
## 853   5895   99.5  11.20   16.00 7.0 3
## 854 199879   97.1 240.00  480.00 5.0 5
## 855   1201  100.0  29.60   38.00 7.8 3
## 856   7407   99.7  10.00   20.00 5.0 2
## 857   1266  100.0  29.60   38.00 7.8 3
## 858   5420   99.5   7.80   19.90 3.9 2
## 859   5313   99.6   5.00   10.00 5.0 2
## 860   4286   97.9  36.00   72.00 5.0 7
## 861  27016   99.7  78.00  156.00 5.0 1
## 862   5608   99.0  19.00   38.00 5.0 2
## 863  53548   99.9 110.00  220.00 5.0 1
```

```
## 864   5412  99.7   7.50  15.00 5.0 2
## 865   6125  99.6   9.50  19.00 5.0 2
## 866   5458  99.7  14.10  19.80 7.1 3
## 867   5402  99.7   7.50  15.00 5.0 2
## 868   4412  99.2  52.50  75.00 7.0 3
## 869   3785  98.7   7.90  19.80 4.0 2
## 870   4226  99.6 149.60 204.00 7.3 1
## 871   4620  99.1  11.00  15.00 7.3 3
## 872  67440 100.0  10.00  20.00 5.0 2
## 873   6005  99.6  13.00  26.00 5.0 2
## 874   5702  99.5  14.10  19.80 7.1 3
## 875   3670  98.6   5.70  19.80 2.9 2
## 876   5550  99.5  10.60  16.00 6.6 3
## 877   5465  99.7  10.00  20.00 5.0 2
## 878  19412 100.0 106.80 120.00 8.9 1
## 879   4912  99.6  12.10  17.00 7.1 3
## 880 278905  99.4  52.20 116.00 4.5 8
## 881   6140  99.7  14.60  20.00 7.3 3
## 882   5418  99.9  17.60  24.00 7.3 3
## 883   6137  99.4  12.79  20.00 5.0 2
## 884   5178  99.3  10.00  39.80 5.0 2
## 885   3776  98.8 126.60 190.00 6.7 1
## 886   5276  99.6  10.00  20.00 5.0 2
## 887   4362  98.6  73.40 116.00 6.3 1
## 888   5090  99.5   9.80  13.80 7.1 3
## 889   4913  99.7  12.00  24.00 5.0 2
## 890  16419  99.9  11.00  15.00 7.3 3
## 891  41620 100.0 105.60 144.00 7.3 1
## 892 138748  99.9  11.40  20.00 5.7 2
## 893   5155  99.4  36.99  19.00 5.0 2
## 894   4744  99.6   9.50  15.00 7.3 3
## 895   4440  99.5  11.00  13.00 7.2 3
## 896 419386  99.4   3.99  29.00 4.5 8
```

```
## 897   4667  99.2   9.30  19.00 7.1 3
## 898   4564  99.7  13.10  19.80 7.1 3
## 899   3660  99.6  13.50  10.00 5.0 2
## 900  32926 100.0  14.10  45.00 7.9 3
## 901   4533  99.4   5.00  17.00 7.3 3
## 902   5675  99.6  35.50  21.00 5.0 2
## 903   5419  99.6  22.49  24.00 7.9 3
## 904   2564  99.0  12.40 180.00 3.9 2
## 905   4805  99.5  54.90  79.20 6.9 3
## 906   4169  99.6  12.40  17.00 7.3 3
## 907   6219  99.6  10.00  20.00 5.0 2
## 908   5723  99.5  12.40  16.00 7.8 3
## 909   5521  99.8  11.00  15.00 7.3 3
## 910   4762  99.8  11.00  15.00 7.3 3
## 911   5405  99.5   3.99  20.00 5.0 2
## 912  10066 100.0  10.00  18.00 7.3 3
## 913   4496  99.7  13.20  15.00 7.3 3
## 914   4568  99.6  11.00  19.90 3.9 2
## 915   4702  99.5   3.99  14.00 7.3 3
## 916  68549  99.9   7.80  78.00 3.9 2
## 917   4020  99.6  10.20  21.50 5.0 2
## 918  12418  99.9  30.40  60.00 5.0 2
## 919   5347  99.8  10.70  25.00 7.3 3
## 920   5379 100.0  30.00 140.00 7.7 3
## 921   4301  99.5  18.30  19.80 7.3 3
## 922  68277  99.9  12.79 168.00 5.0 2
## 923   4794  99.5 108.20  23.00 7.3 3
## 924   5509  99.4  14.50  19.00 5.0 2
## 925  55403 100.0 126.00 252.00 5.0 1
## 926   3599  99.1  34.50  63.20 5.5 2
## 927   5110  99.4  11.80  15.00 7.9 3
## 928 101674 100.0  90.00 180.00 5.0 1
## 929   4715  99.3   9.50  13.00 7.3 3
```

```
## 930  30729 100.0  42.00  84.00  5.0 2
## 931  63392 100.0  50.00 100.00  5.0 2
## 932  84842 100.0  12.50  25.00  5.0 2
## 933  85677 100.0  13.10  26.80  4.9 2
## 934   3834  98.9  14.50  19.80  7.3 3
## 935   5029  97.9   2.70   6.80  4.0 7
## 936   4663  99.4  33.60  67.20  5.0 2
## 937   3374  99.6   5.00  10.00  5.0 2
## 938  18137  99.9 155.20 398.00  3.9 5
## 939   2883  96.7  40.30 100.80  4.0 7
## 940  69079 100.0  69.00 138.00  5.0 1
## 941 125633  99.8  70.50 141.00  5.0 1
## 942   4460  98.7   5.22  19.00  5.0 2
## 943   5054  99.7   9.50  16.00  7.9 3
## 944   2971  99.4 343.90 469.00  7.3 5
## 945   3111  98.9   9.00  18.00  5.0 2
## 946   9926 100.0  24.90  34.00  7.3 3
## 947   5030  99.6   3.80  16.00  2.4 4
## 948   3699  99.7  12.40  17.00  7.3 3
## 949  34627 100.0  25.00  25.00 10.0 3
## 950  26176  99.9  59.80 105.00  5.7 2
## 951   6819  99.9  52.99  16.00  5.7 2
## 952   3921  99.5   9.10  19.80  7.1 3
## 953  35087 100.0  14.10  24.00  5.0 2
## 954  43518 100.0  12.00  49.00  5.0 2
## 955   4460  99.4  24.50  14.00  7.3 3
## 956  21693 100.0   3.99  95.20  5.0 2
## 957   3070  98.8  10.20   6.30  6.7 3
## 958  32682 100.0  47.60  26.00  5.0 2
## 959   5521  99.6   4.20  15.00  7.3 3
## 960   3771  99.7  13.00  22.50  5.0 2
## 961   4887  99.7  11.00  16.80  7.3 3
## 962   8027 100.0  11.20  18.00  7.3 3
```

```
## 963   4364  99.1  12.30  20.00 5.0 2
## 964  289040  99.9  10.10  25.80 3.9 8
## 965   3975  99.1   9.50  19.00 5.0 2
## 966   4136  99.6  12.40  17.00 7.3 3
## 967   3156  99.2   9.00  13.00 6.9 3
## 968   5190  99.7 109.00 218.00 5.0 1
## 969   2874  98.7   9.90  13.60 7.3 3
## 970   2754 100.0  59.60 119.20 5.0 2
## 971  12886  99.9 190.00 380.00 5.0 5
## 972  31337 100.0  84.00 168.00 5.0 1
## 973   2248  99.3  79.99  13.80 7.1 3
## 974   3421  99.4   9.80  17.00 7.3 3
## 975   4432  99.5  12.40  18.00 5.0 2
## 976   4537  99.5   9.00  16.00 6.8 3
## 977  11561  99.9  10.90  33.00 5.7 2
## 978   2426  98.3  18.80  22.00 4.0 7
## 979   4542  99.4   8.80  15.00 7.9 3
## 980   9795 100.0  11.80  32.00 7.3 3
## 981   2032  98.8  23.40  96.00 4.0 2
## 982   3711  99.7  38.40 138.00 5.0 2
## 983  26037  99.9  69.00 273.00 5.0 1
## 984  37754 100.0  38.00  76.00 5.0 2
## 985  44442 100.0  61.60  84.00 7.3 3
## 986 121637  99.8  18.30  25.00 7.3 3
## 987   4355  99.3   6.00  18.00 3.3 2
## 988   2805  98.3  57.00  85.60 6.7 7
## 989   1835  96.8   3.40   6.90 4.9 7
## 990  27474 100.0   2.00  84.00 5.0 2
## 991   3003  98.6  42.00 160.00 2.7 2
## 992   3093  99.5  42.60  17.00 7.3 3
## 993  20911  99.9  12.40 144.00 6.3 2
## 994   4424  99.8  91.10  26.00 5.0 2
## 995  13083 100.0  13.00 100.00 5.0 2
```

```
## 996   3203  99.5  50.00  17.00 7.3 3
## 997   3943  99.3  12.40  19.80 5.0 2
## 998   1893  99.1   9.90  14.00 6.6 3
## 999  19143  99.9   9.30  35.00 5.0 2
## 1000  2051  98.6  17.50  53.00 7.3 3
## 1001  3150  99.6  38.80  17.00 7.3 3
## 1002  2698  99.3  12.40  59.00 7.1 3
## 1003 18522 100.0  42.10 236.00 5.0 1
## 1004  2887  98.8   6.80  17.00 4.0 2
## 1005  3545  99.1  40.00  60.00 6.7 3
## 1006 41412 100.0  12.00  24.00 5.0 2
## 1007 32409 100.0 117.30 160.00 7.3 1
## 1008  1133 100.0  37.50  75.00 5.0 2
## 1009  3856  99.5  10.00  20.00 5.0 2
## 1010  3726  99.7  33.60  67.20 5.0 2
## 1011 54159 100.0  11.00  22.00 5.0 2
## 1012  2809  98.4  15.80  20.00 7.9 3
## 1013  2237  99.2   8.80  22.00 4.0 2
## 1014  2862  99.5  12.40  17.00 7.3 3
## 1015  3558  99.6   8.00  16.00 5.0 2
## 1016 24550  99.9 104.50 196.00 5.3 1
## 1017  2431  99.0  70.00 140.00 5.0 1
## 1018  3067  99.6  12.40  17.00 7.3 3
## 1019  5468  98.8   9.90  19.80 5.0 2
## 1020  5569  99.8  39.60  79.20 5.0 2
## 1021  2718  99.6  54.00 108.00 5.0 2
## 1022  3118  99.1  31.40  44.00 7.1 3
## 1023 11618  99.9  14.20  18.00 7.9 3
## 1024  2588  99.0   9.00  18.00 5.0 2
## 1025  3876  99.5  12.00  24.00 5.0 2
## 1026  1785  99.2 103.70 164.00 6.3 1
## 1027  3959  99.6  10.00  20.00 5.0 2
## 1028   576 100.0  17.30  24.80 7.0 3
```

## 1029	22837	99.9	14.90	40.00	3.7	2
## 1030	123105	95.7	10.00	20.00	5.0	7
## 1031	3153	99.7	71.20	106.80	6.7	1
## 1032	65513	100.0	50.00	100.00	5.0	2
## 1033	1837	98.6	33.60	84.00	4.0	2
## 1034	3007	99.6	36.00	50.40	7.1	3
## 1035	6058	100.0	37.10	58.00	6.4	3
## 1036	2426	99.0	15.80	20.00	7.9	3
## 1037	3594	98.0	14.20	18.00	7.9	7
## 1038	2700	99.6	79.10	112.00	7.1	1
## 1039	28780	99.9	28.50	57.00	5.0	2
## 1040	3489	99.3	21.00	42.00	5.0	2
## 1041	14771	99.9	18.00	36.00	5.0	2
## 1042	36035	100.0	9.50	19.00	5.0	2
## 1043	21424	99.9	49.10	100.00	4.9	2
## 1044	86435	100.0	20.40	35.80	5.7	2
## 1045	2867	99.7	54.40	79.00	6.9	3
## 1046	2031	99.3	161.80	229.00	7.1	1
## 1047	3696	99.5	6.20	9.90	6.3	3
## 1048	4084	99.0	9.50	19.00	5.0	2
## 1049	2866	99.9	25.00	50.00	5.0	2
## 1050	2763	99.7	249.00	498.00	5.0	5
## 1051	2974	99.1	9.50	19.00	5.0	2
## 1052	2372	99.7	59.70	88.00	6.8	3
## 1053	3530	99.5	12.40	16.00	7.8	3
## 1054	12917	99.9	18.00	36.00	5.0	2
## 1055	630	100.0	21.80	28.00	7.8	3
## 1056	804	100.0	21.80	28.00	7.8	3
## 1057	800	100.0	21.80	28.00	7.8	3
## 1058	594	100.0	21.80	28.00	7.8	3
## 1059	661	100.0	21.80	28.00	7.8	3
## 1060	3751	99.2	12.60	16.00	7.9	3
## 1061	606	100.0	21.80	28.00	7.8	3

```
## 1062   611  100.0  21.80  28.00  7.8  3
## 1063   690  100.0  21.80  28.00  7.8  3
## 1064   700  100.0  21.80  28.00  7.8  3
## 1065  3650   99.4  13.90  19.00  7.3  3
## 1066   668  100.0  21.80  28.00  7.8  3
## 1067   615  100.0  21.80  28.00  7.8  3
## 1068   643  100.0  21.80  28.00  7.8  3
## 1069   661  100.0  21.80  28.00  7.8  3
## 1070   635  100.0  21.80  28.00  7.8  3
## 1071   699  100.0  45.20  58.00  7.8  3
## 1072   634  100.0  21.80  28.00  7.8  3
## 1073   703  100.0  21.80  28.00  7.8  3
## 1074   692  100.0  21.80  28.00  7.8  3
## 1075   727  100.0  21.80  28.00  7.8  3
## 1076   660  100.0  21.80  28.00  7.8  3
## 1077   599  100.0  21.80  28.00  7.8  3
## 1078  3220   99.5   8.00  16.00  5.0  2
## 1079   686  100.0  21.80  28.00  7.8  3
## 1080 15318  100.0  11.00  22.00  5.0  2
## 1081   700  100.0  45.20  58.00  7.8  3
## 1082 41538  100.0   9.00  18.00  5.0  2
## 1083 36523  100.0  10.20  18.00  5.7  2
## 1084 37238  100.0  38.00  76.00  5.0  2
## 1085 36419   99.8 155.00 310.00  5.0  1
## 1086  3326   99.5   9.50  19.00  5.0  2
## 1087 17975  100.0  56.50  80.00  7.1  3
## 1088 126831  99.9  10.00  20.00  5.0  2
## 1089  3842   99.5  12.60  16.00  7.9  3
## 1090  1836   98.3   7.30  22.00  3.3  7
## 1091 21601  100.0  15.00  30.00  5.0  2
## 1092  3123   99.5  11.40  16.00  7.1  3
## 1093  4039   99.4  11.00  15.00  7.3  3
## 1094  2740   99.6  54.50  79.20  6.9  3
```

```
## 1095   2900  99.6  55.80  79.00  7.1  3
## 1096   2433  98.7   6.00  15.00  4.0  2
## 1097  13388  99.8  49.00 100.00  4.9  2
## 1098  44614 100.0  50.00 100.00  5.0  2
## 1099   2940  99.6   9.90  19.80  5.0  2
## 1100   4180  99.6   8.50  17.00  5.0  2
## 1101   3930  99.3  12.60  16.00  7.9  3
## 1102  41535 100.0  38.00  76.00  5.0  2
## 1103   3668  99.2   8.00  11.00  7.3  3
## 1104  31336 100.0  28.80  48.00  6.0  2
## 1105   3378  99.3   8.00  16.00  5.0  2
## 1106  27086 100.0  12.00  24.00  5.0  2
## 1107   3015  99.3   8.00  16.00  5.0  2
## 1108   2042  99.7 168.70 236.00  7.1  1
## 1109   2464  99.5  46.90  64.00  7.3  3
## 1110   3011  99.6  11.70  16.00  7.3  3
## 1111  35187  99.9  84.00 168.00  5.0  1
## 1112  33494 100.0  28.00 108.00  2.6  2
## 1113  20437 100.0  16.00  32.00  5.0  2
## 1114   2086  98.3   9.00  18.00  5.0  7
## 1115  20534  99.9  16.00  32.00  5.0  2
## 1116  48704  99.9  20.10  29.00  6.9  3
## 1117   2808  99.6  12.90  25.80  5.0  2
## 1118  38338 100.0  11.40  20.00  5.7  2
## 1119   2663  99.5 170.70 270.00  6.3  1
## 1120  89153  99.7  14.40  24.00  6.0  2
## 1121   2538  99.0  50.00 100.00  5.0  2
## 1122   3300  99.6  11.70  16.00  7.3  3
## 1123   9768  99.9  75.00 150.00  5.0  1
## 1124   2761  99.2   7.10  10.00  7.1  3
## 1125  15286  99.9  26.00  52.00  5.0  2
## 1126   3168  99.9  63.30 100.00  6.3  3
## 1127   2097  99.0 146.60 200.00  7.3  1
```

```
## 1128  25991 100.0 105.00 105.00 10.0 3
## 1129   2368  99.5  21.40  30.00  7.1 3
## 1130  35367 100.0  38.00  76.00  5.0 2
## 1131   2088  99.3  80.00 200.00  4.0 1
## 1132   3074  99.4  66.40  99.60  6.7 3
## 1133   3978  99.4  12.60  16.00  7.9 3
## 1134  32160 100.0 183.30 250.00  7.3 1
## 1135   3116  99.7  12.40  24.80  5.0 2
## 1136  80196  99.8  12.50  25.00  5.0 2
## 1137  17208  99.9  11.10  15.80  7.0 3
## 1138  22778  99.9  46.80 120.00  3.9 2
## 1139  12392 100.0  23.40  32.00  7.3 3
## 1140   2853  99.2  12.00  24.00  5.0 2
## 1141  18654 100.0  91.10 144.00  6.3 1
## 1142  45659 100.0 157.50 450.00  3.5 5
## 1143  34824 100.0  10.00  20.00  5.0 2
## 1144  31809 100.0  66.00 132.00  5.0 1
## 1145   9320  99.5  44.00  88.00  5.0 2
## 1146   1934  99.1  56.00 112.00  5.0 2
## 1147 132119 100.0  10.00  20.00  5.0 2
## 1148   2032  98.4   8.00  20.00  4.0 7
## 1149  12780 100.0  26.40  36.00  7.3 3
## 1150   7252 100.0 144.00 288.00  5.0 1
## 1151  68015 100.0  12.50  25.00  5.0 2
## 1152  53562 100.0  14.90  29.80  5.0 2
## 1153   2212  99.5  49.60  69.40  7.1 3
## 1154   3363  99.6  12.50  25.00  5.0 2
## 1155   1990  98.3  10.90  13.00  8.4 3
## 1156   3250  99.7   9.60  16.00  6.0 3
## 1157  33550 100.0  68.00 136.00  5.0 1
## 1158   2960  99.4  22.99  18.00  7.7 3
## 1159   1676  98.9  13.90  16.00  4.0 2
## 1160   2946  99.5   6.40  15.00  7.3 3
```

```
## 1161     3211  99.0    11.00    18.00  5.0  2
## 1162     2531  97.9     9.00    11.50  6.0  7
## 1163    28860 100.0    12.50    25.00  5.0  2
## 1164    22414 100.0    12.50    25.00  5.0  2
## 1165   642995  99.9     7.50    15.00  5.0 10
## 1166    14312  95.5     2.99    20.00  6.0  7
## 1167    57447  99.6    12.00    17.00  7.9  3
## 1168    40026  98.8    13.40   149.00  6.4  3
## 1169    19286 100.0    95.30   199.00  5.0  1
## 1170   367081 100.0    99.50    20.00  5.5  8
## 1171  1542944  99.9    11.00    39.50  7.9 10
## 1172    39657  99.1    31.20    19.50  5.7  2
## 1173    41466  99.3    27.20    12.00  6.7  3
## 1174    37625  99.6    11.10    15.00  6.7  3
## 1175   355829  99.9     8.00    22.00  5.0  8
## 1176   239263 100.0    10.00    20.00  5.0  8
## 1177   592553  99.9    11.00    23.00  7.3 10
## 1178    17308  98.4     7.70    66.00  5.7  7
## 1179    19534  98.3    10.00    12.00  6.7  7
## 1180    32862  99.6    16.80    16.00  6.6  3
## 1181    26388  99.1    37.60    13.80  6.7  3
## 1182    20860  98.7     8.00    16.00  7.9  3
## 1183    23120  99.2    12.50    22.00  5.7  2
## 1184    30488  99.6    15.00    19.00  7.9  3
## 1185   646887 100.0   125.40   256.00  4.9 10
## 1186   549103  99.9   258.70   528.00  4.9 10
## 1187    14250  98.8    13.40    17.00  7.9  3
## 1188    18981  99.2    42.50    85.00  5.0  2
## 1189   272916 100.0    12.00    20.00  6.0  8
## 1190   256692  99.9   108.40   216.80  5.0  8
## 1191    40449 100.0    29.99    28.00  6.6  3
## 1192    20270  99.4    18.60    91.20  6.7  3
## 1193    20808  99.3    60.80    19.90  7.0  3
```

```
## 1194 288134 100.0 14.00 20.00 5.0 8
## 1195 20978 99.5 10.00 201.60 6.4 1
## 1196 16534 99.2 129.00 36.00 5.6 1
## 1197 16856 99.3 20.10 39.80 5.7 2
## 1198 202181 100.0 22.60 22.80 4.9 8
## 1199 17800 99.4 11.20 27.00 5.7 2
## 1200 337225 99.9 15.30 18.00 5.0 8
## 1201 8741 100.0 9.00 144.00 5.0 2
## 1202 21633 99.6 72.00 12.00 6.7 3
## 1203 19000 99.3 166.00 291.30 5.7 1
## 1204 402157 99.7 319.50 438.00 7.3 5
## 1205 12472 99.1 22.60 58.00 3.9 2
## 1206 11480 97.1 17.80 29.80 6.0 7
## 1207 15971 99.6 16.90 25.00 6.8 3
## 1208 10915 98.0 17.30 65.00 2.7 7
## 1209 14396 98.8 10.00 15.00 6.7 3
## 1210 7814 97.7 10.90 21.80 5.0 7
## 1211 20127 100.0 20.70 46.00 4.5 2
## 1212 148377 100.0 9.50 19.00 5.0 8
## 1213 14493 99.5 9.00 15.00 6.7 3
## 1214 12538 98.8 10.00 19.80 7.1 3
## 1215 205496 100.0 14.10 20.00 7.3 8
## 1216 13347 99.0 14.60 15.00 7.9 3
## 1217 299018 100.0 11.80 28.00 5.0 8
## 1218 11925 99.1 14.00 145.00 6.9 3
## 1219 13333 99.1 100.50 12.00 6.7 3
## 1220 12979 99.3 8.00 13.00 7.0 3
## 1221 73648 99.9 9.10 14.00 5.0 2
## 1222 12563 99.0 7.00 12.00 6.7 3
## 1223 9707 99.4 49.00 98.00 5.0 2
## 1224 9811 98.7 9.30 14.00 6.6 3
## 1225 2544 100.0 58.80 78.00 7.5 3
## 1226 2898 100.0 19.90 39.80 5.0 2
```

```
## 1227    7019  99.1   6.90  78.00  5.6  2
## 1228   21441 100.0  43.60  38.00  5.0  2
## 1229   11468  99.2  19.00  17.00  7.9  3
## 1230   11395  99.4  13.40  15.00  7.0  3
## 1231   11647  99.3  10.50  14.00  6.6  3
## 1232   69115 100.0   9.30 120.00  5.0  2
## 1233  179608  99.9  60.00  25.00  5.0  8
## 1234  252703  99.9  79.99 278.00  5.0  8
## 1235  122358 100.0  12.50  20.00  6.0  2
## 1236    6922  98.5 139.00  78.00  6.3  1
## 1237   10898  99.5  12.00  59.00  5.7  2
## 1238    5498  99.3  49.10 430.00  5.7  1
## 1239    5668  99.5  33.60  12.00  3.8  2
## 1240   10543  99.6 245.10  33.60  6.7  1
## 1241   10474  99.8   4.60  33.60  6.7  3
## 1242  350309  99.9  22.40  42.00  7.0  8
## 1243  161043 100.0  57.00 114.00  5.0  8
## 1244    6144  99.6  20.20  52.00  3.9  2
## 1245   92918 100.0  11.00  22.00  5.0  2
## 1246    9643  98.9  29.60  42.00  7.0  3
## 1247    9570  99.8  23.50  33.60  7.0  3
## 1248    7979  98.5   9.20  13.80  6.7  3
## 1249    8616  99.0  19.00  29.80  6.4  3
## 1250   10503  99.6   4.60  14.00  3.3  2
## 1251    6428  98.9  41.40  58.00  7.1  3
## 1252    1786 100.0 119.50 239.00  5.0  1
## 1253    9771  99.3   8.60  13.00  6.6  3
## 1254   10603  98.8  18.90  28.00  6.8  3
## 1255  155611 100.0   9.60  16.00  6.0  8
## 1256    6130  98.5  42.50  58.00  7.3  3
## 1257   39620  99.8   9.90  63.23  1.6  4
## 1258    6952  98.6   1.10  12.00  0.9  4
## 1259  100711 100.0   9.70  19.80  4.9  2
```

```
## 1260   3995  99.6  30.00  60.00  5.0  2
## 1261   7869  99.2   7.40  16.00  4.6  2
## 1262  54598 100.0 138.70 216.80  6.4  1
## 1263   9336  99.4   9.30  14.00  6.6  3
## 1264   7811  99.7  11.00  15.00  7.3  3
## 1265   7085  99.4   9.20  13.80  6.7  3
## 1266  59546  99.9  24.80 198.00  1.3  4
## 1267  13750  99.8  12.50  25.00  5.0  2
## 1268   5733  98.6  55.40  88.00  6.3  3
## 1269   8084  99.5  10.00  20.00  5.0  2
## 1270 139204 100.0   8.00  16.00  5.0  2
## 1271   6045  98.3  50.00  75.00  6.7  7
## 1272   7768  99.1   8.00  20.00  4.0  2
## 1273 549103  99.9   8.20  16.80  4.9 10
## 1274   9206  98.9   5.04  22.00  6.9  3
## 1275   6257  99.3  15.20  58.00  7.1  3
## 1276   7781  99.3  41.40  29.80  6.4  3
## 1277   1887  99.7  19.00  24.50  6.7  3
## 1278   1873  99.7  16.30  24.50  6.7  3
## 1279  73832 100.0  16.30  16.00  7.3  3
## 1280   5549  98.8  11.70  15.00  4.0  2
## 1281   6216  99.3   6.00  20.00  3.3  2
## 1282  59640 100.0   6.60 138.00  5.0  2
## 1283   9568  98.7  25.20  36.00  7.0  3
## 1284   5677  99.4  19.00  29.80  6.4  3
## 1285  43452  99.9  28.70  39.90  7.2  3
## 1286   6452  98.3   1.99  22.00  7.9  3
## 1287   3324  99.2  17.30 495.60  5.0  1
## 1288   4889  98.8 247.80 130.00  2.9  1
## 1289 125040  99.9  37.70  25.00  5.0  2
## 1290   7225  99.7  12.50  10.00  5.0  2
## 1291 483266 100.0   5.00 665.00  5.0 10
## 1292   9595  98.8   2.99  28.00  7.9  3
```

```
## 1293  65943 100.0 332.50  29.80 5.0  6
## 1294   1764  93.3  22.10  15.80 6.6  9
## 1295 291217  99.7  14.90  35.00 6.3  8
## 1296   2539  98.1  10.50  98.00 2.7  7
## 1297  85194 100.0  22.00  20.00 5.0  2
## 1298   7201  99.2  26.10  19.00 6.6  3
## 1299   6602  99.0  10.00  11.00 6.2  3
## 1300   7859  99.4  12.60  15.00 6.7  3
## 1301  59653 100.0   6.80  18.00 5.0  2
## 1302  11411 100.0  10.00  49.00 5.0  2
## 1303 549103  99.9   7.30  14.80 4.9 10
## 1304   6961  99.4   4.44  20.00 7.9  3
## 1305 120726 100.0  15.80  58.00 6.9  3
## 1306   6551  99.5  40.00  29.80 7.0  3
## 1307  98129 100.0  20.80  25.00 7.3  3
## 1308   6545  99.0  18.30  12.00 7.0  3
## 1309   7977  99.8   8.40  20.00 5.0  2
## 1310   5462  99.5  10.00  22.00 5.0  2
## 1311   4989  99.8  11.00  25.00 5.0  2
## 1312   7385  99.6  12.50  20.00 5.0  2
## 1313   2943  99.9  10.00  36.00 5.0  2
## 1314  20375 100.0  18.00  78.00 7.9  3
## 1315  75350 100.0   1.99  25.00 7.9  3
## 1316  68670 100.0  61.60  22.80 2.0  4
## 1317   4194  99.2  16.00  58.00 7.1  3
## 1318   7475 100.0  19.80  39.00 7.9  3
## 1319   7468  99.7   4.60  20.00 5.0  2
## 1320   7747  99.7  41.40  20.00 5.0  2
## 1321  16177  99.9  30.80 120.00 5.0  2
## 1322  60838 100.0   9.99  18.00 5.0  2
## 1323   5541  99.2  57.80  82.60 7.0  3
## 1324   5398  99.0  46.60  70.00 6.7  3
## 1325   9356 100.0  21.00  42.00 5.0  2
```

```
## 1326   5832  99.1  12.00  98.00  5.0  2
## 1327 548964  99.9  49.00  14.80  4.9 10
## 1328   5678  99.2   7.30 100.00  4.2  2
## 1329   2146 100.0   4.44  39.00  6.7  3
## 1330   7699  99.8  42.00  20.00  5.0  2
## 1331   3466  99.9  26.00  45.00  7.9  3
## 1332   3767 100.0  10.00  29.80  5.0  2
## 1333   9745  99.2  35.50 119.20  6.4  3
## 1334   1835  99.9  13.88  49.80  5.0  2
## 1335   2334 100.0  14.90 118.00  5.0  2
## 1336   1008  99.8  13.41 328.00  6.0  1
## 1337  66430  99.9  76.20  16.00  7.3  3
## 1338   5062  99.2  24.90  22.00  5.0  2
## 1339   1377 100.0  19.99  32.00  7.0  3
## 1340   2115 100.0  59.00  78.00  5.0  2
## 1341   2574 100.0  48.00  49.00  5.0  2
## 1342   6560  99.1 198.00 102.40  5.0  1
## 1343   2842 100.0  61.60  78.00  7.9  3
## 1344   6696  99.3  30.63  16.80  7.3  3
## 1345   4928  99.1  12.30  16.80  6.0  3
## 1346 184410  99.9  10.00  98.00  5.0  8
## 1347   7636  99.4  49.00  16.80  7.3  3
## 1348  55777 100.0  12.30  18.00  5.0  2
## 1349   8698 100.0   9.00  78.00  5.0  2
## 1350  96927 100.0  39.00 398.00  5.0  1
## 1351   4534  99.3 199.00 420.00  6.7  5
## 1352   6593  99.6 280.00  22.00  5.0  1
## 1353   2370 100.0  11.00  65.00  8.9  3
## 1354   6412  99.4  57.80  15.00  6.7  3
## 1355  75028  99.9  10.00  25.00  5.0  2
## 1356   4773  99.4  12.50  25.00  6.1  3
## 1357   6680  99.4  15.30  16.00  6.6  3
## 1358   4995  98.0  10.60  14.00  7.0  7
```

```
## 1359   3695  98.2   9.80   50.00 7.9 3
## 1360   6612  99.5  39.30   14.00 6.6 3
## 1361  10073  99.5   9.30  980.00 6.4 5
## 1362   4644  98.8 627.20   60.00 2.7 6
## 1363  69960  99.9   9.00   18.00 5.0 2
## 1364 120302 100.0  12.50   25.00 5.0 2
## 1365   4914  98.7  61.60  110.00 5.6 2
## 1366 112127 100.0  17.50   35.00 5.0 2
## 1367 124588 100.0  92.00  184.00 5.0 1
## 1368   3625  98.9   5.80   15.00 3.9 2
## 1369   4536  99.5 264.73  392.00 6.8 5
## 1370   1769 100.0  59.00  118.00 5.0 2
## 1371   4773  99.2  53.10   22.00 5.9 3
## 1372   5184  99.1  12.90   24.00 6.7 3
## 1373   3655  97.8  16.00   28.00 5.0 7
## 1374   2013  99.5  14.00  558.00 7.4 5
## 1375   6254  99.5 413.10   30.00 7.9 6
## 1376   3683  98.3  23.70  128.00 1.9 4
## 1377   4555  99.3  24.30   22.00 5.0 2
## 1378   1970 100.0  11.00  324.00 5.0 1
## 1379 169748  99.9 162.00   75.00 6.3 8
## 1380   5702 100.0  47.20   68.00 6.7 3
## 1381 133512  99.9  45.30   66.00 6.7 8
## 1382  58273  99.9  13.99   19.80 4.9 2
## 1383   5518  99.6  11.00   22.00 5.0 2
## 1384 109833 100.0  49.70   63.00 7.9 3
## 1385  36259 100.0  59.00  118.00 5.0 2
## 1386   5408  99.2   8.10   13.00 6.2 3
## 1387   3326  98.3  27.30   51.20 5.3 7
## 1388  51309 100.0   9.00   18.00 5.0 2
## 1389   4891  99.0   8.50   12.80 6.6 3
## 1390   3406  99.1   9.30   14.00 6.6 3
## 1391  62754 100.0  57.00  114.00 5.0 2
```

```
## 1392  5793  99.2  11.90  23.80  5.0  2
## 1393  5364  99.6  11.10  15.80  7.0  3
## 1394  5381  99.6  11.80  15.00  7.9  3
## 1395  4619  99.0   6.80  11.00  6.2  3
## 1396 35312 100.0  40.00  80.00  5.0  2
## 1397  1156  93.7 245.10 430.00  5.7  9
## 1398  4470  99.2  55.70  83.60  6.7  3
## 1399  5172  99.3   9.80  14.00  7.0  3
## 1400  4309  99.0  31.30  48.00  6.5  3
## 1401  5117  99.6  36.00  60.00  6.0  3
## 1402 49737 100.0   5.70  22.80  2.5  2
## 1403  4316  99.5  12.40  24.80  5.0  2
## 1404  4783  99.2  13.80  19.80  7.0  3
## 1405 79735  99.7 123.20 168.00  7.3  1
## 1406  4475  98.3  37.40  96.00  3.9  7
## 1407  3799  99.1   9.20  13.80  6.7  3
## 1408 79295 100.0  12.50  25.00  5.0  2
## 1409 16148  99.9  79.00 158.00  5.0  1
## 1410 65934 100.0  16.10  22.00  7.3  3
## 1411 69814  99.7  54.20 139.00  3.9  2
## 1412 16695 100.0  30.80  39.00  7.9  3
## 1413  4369  99.4  20.50  26.00  7.9  3
## 1414  5708  99.7  14.60  22.00  6.6  3
## 1415 57118 100.0   8.50  17.00  5.0  2
## 1416  3454  99.2 184.40 258.00  7.1  1
## 1417  4678  99.0  10.00  15.00  6.7  3
## 1418 46611 100.0   5.70  22.80  2.5  2
## 1419  1199  99.9  28.00  56.00  5.0  2
## 1420 23972  99.9   8.00  16.00  5.0  2
## 1421  5690  99.9  33.20  49.80  6.7  3
## 1422  1114  92.8  85.10 133.00  6.4  9
## 1423 63434 100.0  63.90 128.00  5.0  1
## 1424  4648  99.7  14.00  28.00  5.0  2
```

```
## 1425  53869  99.9  13.20  18.00  7.3  3
## 1426  97386  99.7 150.00 300.00  5.0  1
## 1427   4751  99.6  11.00  15.00  7.3  3
## 1428   3628  97.3   4.00  10.00  4.0  7
## 1429  85032 100.0   5.00  29.00  5.0  2
## 1430  88018  99.8  14.50  12.00  5.0  2
## 1431  76137  99.9   6.00  15.00  5.0  2
## 1432  45795  99.9   7.50  22.80  4.9  2
## 1433  94648  99.9  11.20  20.00  5.0  2
## 1434   3336  98.9  10.00  16.80  7.0  3
## 1435  43026 100.0  11.70  19.80  4.9  2
## 1436  24798  99.9   9.70 270.90  7.2  1
## 1437  14236  99.9 195.00  22.00  3.9  1
## 1438    925 100.0  39.99  19.80  5.5  2
## 1439   4628  98.9   8.50  10.00  6.2  3
## 1440 549103  99.9  10.80  19.80  4.5 10
## 1441   3151  98.7   6.20  17.00  5.0  2
## 1442  93591  99.9   8.90 118.00  5.0  2
## 1443   3798  99.4   9.30  14.00  6.6  3
## 1444   3763  99.2  75.00 150.00  5.0  1
## 1445  62496 100.0  15.40  22.00  7.0  3
## 1446   5323  99.8  12.00  16.80  7.1  3
## 1447   5075  99.4   9.00  18.00  5.0  2
## 1448   3147  98.0  31.60  52.80  6.0  7
## 1449   4788  99.5   7.90  15.80  5.0  2
## 1450   1076  99.8  16.00  25.00  6.4  3
## 1451   6904  99.9   7.72  18.00  5.0  2
## 1452  79998  99.9   9.00  35.00  5.0  2
## 1453   3571  98.8  17.50  18.00  6.2  3
## 1454  71524 100.0  11.20  20.00  7.3  3
## 1455   3016  99.2  14.60  36.00  4.0  2
## 1456 102782 100.0  14.40  39.50  5.7  2
## 1457   3244  98.7  22.50  29.80  5.0  2
```

```
## 1458   3896  98.4  19.69  75.00  6.7  3
## 1459  31586 100.0  14.90  72.00  6.3  3
## 1460  40542 100.0   6.00  22.80  3.5  2
## 1461  66585  99.9  50.00  22.00  5.0  2
## 1462  59406 100.0  45.40  20.00  5.0  2
## 1463 143847  99.9  17.50  35.00  5.0  2
## 1464   5650 100.0  33.30  50.00  6.7  3
## 1465   3998  99.1   8.40  12.00  7.0  3
## 1466   3151  99.2  15.60  24.00  6.5  3
## 1467  49429 100.0  38.00  76.00  5.0  2
## 1468  26330 100.0  40.00  80.00  5.0  2
## 1469  43465 100.0   9.00  18.00  5.0  2
## 1470   2597  98.9 143.00 357.60  4.0  1
## 1471  37779 100.0   9.50  19.00  5.0  2
## 1472   3249  99.9  18.00  27.00  6.7  3
## 1473  17169  99.9  20.80  58.00  5.7  2
## 1474  37935 100.0  33.00  22.80  3.5  2
## 1475 131899  99.9   8.00  43.00  7.7  3
## 1476  34921 100.0  33.30  28.00  7.1  3
## 1477  89406 100.0  20.00  34.00  8.5  3
## 1478   4001  99.4  28.90  16.00  6.6  3
## 1479   3794  98.5  10.60  20.00  6.7  3
## 1480  75283  99.9  13.30  22.00  5.0  2
## 1481   3231  99.3  11.00  12.00  7.0  3
## 1482   2709  99.4   8.40 178.00  5.0  2
## 1483  21525  99.8  63.90  76.80  8.3  3
## 1484   3276  99.5  33.00  66.00  5.0  2
## 1485   3571  99.2  11.70  16.80  7.0  3
## 1486   3546  99.4   9.30  14.00  6.6  3
## 1487   5564 100.0  80.00 160.00  5.0  1
## 1488  12566 100.0  80.00  42.00  5.0  2
## 1489  49937  99.9  21.00 112.00  5.0  2
## 1490   5506  99.8   8.71  25.00  5.0  2
```

```
## 1491  22781  100.0  56.00  29.80  5.0  2
## 1492  36913  100.0  12.50  18.00  5.0  2
## 1493   3427   99.3  14.90  15.80  5.0  2
## 1494  10267   99.8   9.00  88.00  1.5  4
## 1495  20463   99.9   7.90 149.00  5.0  2
## 1496  15547  100.0  13.00  78.00  5.0  2
## 1497  79061   99.9  74.50  22.00  5.0  2
## 1498   2479   98.4  39.00  15.80  5.0  7
## 1499   2264   99.9  19.99 128.00  5.0  2
## 1500   3188  100.0  11.00 128.00  5.0  2
## 1501  45385  100.0   7.90  28.00  7.3  3
## 1502  30313  100.0  63.90  22.80  3.8  2
## 1503   3633   99.1   9.00  18.00  5.0  2
## 1504   2083   98.7  35.00 105.00  3.3  2
## 1505   7079  100.0  24.90  49.80  5.0  2
## 1506   3273   99.5  17.43  28.00  5.0  2
## 1507  32993  100.0  14.00 155.00  5.0  2
## 1508  24192  100.0  77.50  79.80  5.0  2
## 1509  60298   99.9   4.20  18.00  5.0  2
## 1510  94150  100.0  39.90 128.00  5.0  2
## 1511   2535   99.5   9.00  75.00  5.0  2
## 1512   5562   99.8  63.90  20.00  5.0  2
## 1513  29768  100.0  37.50  22.80  3.5  2
## 1514    782  100.0  10.00  20.00  6.4  3
## 1515  29894   99.9   8.00 114.00  5.0  2
## 1516  46341  100.0  12.80  20.00  5.0  2
## 1517   4274   99.6   5.00  28.00  6.6  3
## 1518   4975   99.6  57.00  20.00  5.0  2
## 1519  50029  100.0  51.00  75.00  5.0  2
## 1520   2910   99.2  10.00  48.00  7.3  3
## 1521  32325   99.6  18.60  63.20  5.0  2
## 1522   2801   98.9  10.00  68.00  6.3  3
## 1523   4419   99.6  21.30  27.00  7.9  3
```

```
## 1524     549  100.0  107.20  150.00  7.1  1
## 1525    1915   99.9   12.20   20.00  6.1  3
## 1526    3052   99.3   30.00   60.00  5.0  2
## 1527    6741   99.8    7.90   15.80  5.0  2
## 1528    2150   98.8  489.40  917.80  5.3  5
## 1529    2131   99.3    4.80   12.00  4.0  2
## 1530    4215   99.6   20.50   27.00  7.6  3
## 1531   16496  100.0   33.60   59.00  5.7  2
## 1532     673  100.0   32.20   46.00  7.0  3
## 1533     601  100.0   34.30   49.00  7.0  3
## 1534    8024   99.7    7.70   15.50  5.0  2
## 1535   29915  100.0   99.00  198.00  5.0  1
## 1536 1125341   99.3   16.99   37.00  5.7 10
## 1537    2482   99.2   21.00   80.00  6.7  3
## 1538    3188   99.7   53.30   60.00  6.3  3
## 1539   25400   99.7   37.80  278.00  5.0  1
## 1540    2762   99.3  139.00   24.00  7.9  3
## 1541     649   94.9   18.90   59.00  7.9  7
## 1542    2161   98.2   46.60   16.00  4.0  7
## 1543   73899   99.9   17.50   35.00  5.0  2
## 1544    2690   99.2   59.90   85.60  7.0  3
## 1545    2521   97.8   69.10  117.60  5.9  7
## 1546   28087  100.0    7.00   14.00  5.0  2
## 1547   21405  100.0   10.00   20.00  5.0  2
## 1548    2847   99.9  140.00  280.00  5.0  1
## 1549   14979  100.0   17.00   34.00  5.0  2
## 1550    2895   98.9    8.50   12.80  6.6  3
## 1551  150113   99.0  150.00  300.00  5.0  1
## 1552    2039   98.9    6.40   16.00  4.0  2
## 1553    3059   99.7  105.10  154.70  6.8  1
## 1554  549065   99.9    8.20   16.80  4.9 10
## 1555   20130   99.9    5.04   19.80  7.9  3
## 1556   36416  100.0   15.70   19.80  4.9  2
```

```
## 1557  14014 100.0  9.70  35.00 4.9  2
## 1558   4177  99.5 17.00  27.00 7.6  3
## 1559   2581  99.8 20.50  94.00 5.0  2
## 1560  50617  99.9 47.00  22.00 5.0  2
## 1561  28403 100.0 11.00  20.00 5.0  2
## 1562   2194  98.3 10.00 151.80 4.6  7
## 1563   3259  99.3 12.00  18.00 6.7  3
## 1564  94719  99.9 38.00  49.00 7.8  3
## 1565   2923  99.3  9.80  14.00 7.0  3
## 1566   2204  98.4 34.50  50.00 6.9  3
## 1567   5454  99.8 12.50  25.00 5.0  2
## 1568  91414  99.9 42.80  68.00 6.3  2
## 1569 549053  99.9  7.80  16.80 4.6 10
## 1570   3843  99.7  8.40  28.00 6.6  3
## 1571  51086 100.0 18.60 112.00 6.0  2
## 1572   2884  99.5 67.20  28.00 5.0  2
## 1573  16302  99.9 14.00  28.00 5.0  2
## 1574   2004  98.5 14.00 111.20 1.9  4
## 1575  21220 100.0 21.10  18.00 7.3  3
## 1576   3312  99.9 13.20  96.60 5.0  2
## 1577    987 100.0 48.30  30.00 5.0  2
## 1578  52611 100.0 15.00  18.00 5.0  2
## 1579   2852  99.3  9.00  15.00 6.7  3
## 1580   2794  99.0 10.00  10.00 6.2  3
## 1581   2220 100.0  6.20  56.00 6.2  3
## 1582   3772  99.8 34.70  16.80 7.3  3
## 1583   1508  99.5 46.50  93.00 5.0  2
## 1584   1926  98.4  6.40  16.00 4.0  7
## 1585   9842 100.0 34.00  68.00 5.0  2
## 1586  56659  99.9 275.00 550.00 5.0  5
## 1587   3195  99.3 16.90  25.00 6.8  3
## 1588   1345 100.0 15.40  19.80 7.8  3
## 1589  43664 100.0  9.99  22.00 5.0  2
```

```
## 1590   2448  99.6  11.00 146.00 5.0  2
## 1591  20557 100.0  73.00  80.00 5.0  2
## 1592  72658 100.0  40.00  29.80 5.0  2
## 1593   1806  98.7  14.90  17.00 5.6  3
## 1594  87712  99.8   9.50  25.00 5.0  2
## 1595   2587  99.7  12.50  60.00 5.0  2
## 1596  17543 100.0  30.00  59.60 5.0  2
## 1597   1865  98.7  29.80  16.00 3.3  2
## 1598  10632 100.0   5.30 149.00 5.0  2
## 1599   2567  98.6  74.50 102.00 6.8  3
## 1600  22238  99.9  37.25  18.00 7.3  3
## 1601   8126 100.0  68.90 135.00 5.0  1
## 1602  15261  99.9  13.20  39.90 5.0  2
## 1603 510674 100.0  12.50  25.00 5.0 10
## 1604  42531 100.0  10.00  20.00 5.0  2
## 1605   2795  99.1   8.60  13.00 6.6  3
## 1606  54306  99.9  12.50  25.00 5.0  2
## 1607   2443  99.7   9.90  19.80 5.0  2
## 1608  19345 100.0  11.00  22.00 5.0  2
## 1609   6807  99.9  29.20 134.40 2.2  2
## 1610   8861  99.9  18.40  36.80 5.0  2
## 1611   2492  97.9  30.00  60.00 5.0  7
## 1612   3573  99.5  18.60  28.00 6.6  3
## 1613   1588  98.2   4.80  12.00 4.0  7
## 1614   2807  99.0  16.10  22.00 7.3  3
## 1615   2549  98.9   7.50  15.00 5.0  2
## 1616  22997  99.9   6.80  22.80 3.0  2
## 1617  26522 100.0   8.70  22.80 3.8  2
## 1618 548955  99.9   8.20  16.80 4.9 10
## 1619   2547  99.5   5.04  25.00 6.9  3
## 1620   7274 100.0  17.30 110.00 5.0  2
## 1621  91330  99.9  55.00  72.00 6.3  2
## 1622   2144  99.1  45.30  22.00 6.4  3
```

```
## 1623  16145 100.0  49.00  98.00 5.0  2
## 1624   2375  99.3   6.00  18.00 3.3  2
## 1625  18510 100.0  33.80  75.00 4.5  2
## 1626   2770  99.6  12.00  18.00 6.7  3
## 1627   1879  99.1  90.00 114.00 7.9  1
## 1628  16239 100.0  10.00  20.00 5.0  2
## 1629  13699  99.9 444.00 888.00 5.0  5
## 1630   2528  98.3  10.90  14.90 7.3  3
## 1631   3855 100.0  29.20  73.00 4.0  2
## 1632   2101  98.5   9.80  14.80 6.6  3
## 1633   2405  98.8  16.80  24.00 7.0  3
## 1634   2464  99.6  40.50  60.00 6.8  3
## 1635  23955 100.0  63.90 128.00 5.0  1
## 1636  43854 100.0  16.99  68.00 7.8  3
## 1637 549084  99.9  53.00  14.80 4.9 10
## 1638  86299  99.9   7.30  89.00 7.8  3
## 1639  33380  99.9   4.44  16.00 5.0  2
## 1640    908 100.0  69.00 112.00 7.3  3
## 1641   9854 100.0   8.00 155.70 7.2  3
## 1642  28961  99.9  82.10  26.00 5.0  2
## 1643   9139 100.0  25.00  50.00 5.0  2
## 1644  29160  99.9   9.70  19.80 4.9  2
## 1645   1685  98.3  26.40  91.20 2.9  2
## 1646  24655 100.0  37.50  75.00 5.0  2
## 1647   2115  99.5   9.80  14.80 6.6  3
## 1648  16979  99.7 369.30 648.00 5.7  5
## 1649 103582 100.0  34.00  68.00 5.0  2
## 1650   1734  98.2  14.20  18.00 7.9  3
## 1651  27979  99.9  40.00  58.00 6.9  3
## 1652  63971  99.9  17.50  35.00 5.0  2
## 1653   4942  99.3   8.00  16.00 5.0  2
## 1654  10882 100.0  37.50  75.00 5.0  2
## 1655  10941 100.0  27.00  54.00 5.0  2
```

```
## 1656  25131 100.0 10.00 20.00 5.0 2
## 1657  40118 100.0 12.50 25.00 5.0 2
## 1658   2397  99.0  6.80 11.00 6.2 3
## 1659  26201 100.0 34.00 68.00 5.0 2
## 1660   1903  98.9  5.00 10.00 5.0 2
## 1661   2574  98.7 30.40 45.00 6.8 3
## 1662  32618  99.9  9.00 18.00 5.0 2
## 1663 155815  91.6 90.00 180.00 5.0 9
## 1664 121400  99.5 90.00 180.00 5.0 1
## 1665 123085  99.8 84.00 168.00 5.0 1
## 1666  55462  99.1 72.00 160.00 4.5 1
## 1667  35307  99.5 44.42 60.00 7.4 3
## 1668  30888 100.0 18.60 28.00 6.6 3
## 1669  38181 100.0 14.00 28.00 5.0 2
## 1670 141599  99.9 63.90 128.00 5.0 8
## 1671  41045  99.9 18.60 28.00 6.6 3
## 1672  30855  99.9 19.60 28.00 7.0 3
## 1673  41353 100.0  9.00 18.00 5.0 2
## 1674  31027  97.9 62.50 125.00 5.0 7
## 1675  45338  99.8  9.00 18.00 5.0 2
## 1676  37960  99.9 18.60 28.00 6.6 3
## 1677  33159 100.0 18.60 28.00 6.6 3
## 1678  45368  99.8  9.00 18.00 5.0 2
## 1679  16887  99.9 12.50 25.00 5.0 2
## 1680  40948  99.9  9.00 18.00 5.0 2
## 1681  36967 100.0 18.60 28.00 6.6 3
## 1682  34965 100.0 18.60 28.00 6.6 3
## 1683  34788  99.9 18.60 28.00 6.6 3
## 1684  21861  99.0 25.60 35.00 7.3 3
## 1685  15539  99.0 71.50 100.00 7.2 3
## 1686  11804  99.7 18.30 25.00 7.3 3
## 1687  32866  99.9 18.60 28.00 6.6 3
## 1688  34576  99.9 18.60 28.00 6.6 3
```

## 1689	29990	99.9	18.60	28.00	6.6	3
## 1690	28265	99.9	19.60	28.00	7.0	3
## 1691	26132	99.9	19.60	28.00	7.0	3
## 1692	25065	99.9	18.60	28.00	6.6	3
## 1693	27543	99.9	19.60	28.00	7.0	3
## 1694	10452	99.8	18.30	25.00	7.3	3
## 1695	26192	99.9	19.60	28.00	7.0	3
## 1696	10986	99.7	12.50	25.00	5.0	2
## 1697	24470	99.9	18.60	28.00	6.6	3
## 1698	12690	99.9	12.50	25.00	5.0	2
## 1699	25067	99.9	18.60	28.00	6.6	3
## 1700	13614	99.9	12.50	25.00	5.0	2
## 1701	10573	99.7	12.50	25.00	5.0	2
## 1702	13579	99.9	12.50	25.00	5.0	2
## 1703	28292	99.9	18.60	28.00	6.6	3
## 1704	580125	99.9	19.00	38.00	5.0	10
## 1705	12950	99.4	55.00	75.00	7.3	3
## 1706	9770	99.8	18.30	25.00	7.3	3
## 1707	9159	99.9	78.40	112.00	7.0	1
## 1708	8911	99.8	18.30	25.00	7.3	3
## 1709	27454	99.9	19.60	28.00	7.0	3
## 1710	9645	99.9	74.60	112.00	6.7	1
## 1711	39837	99.9	134.00	268.00	5.0	1
## 1712	38360	99.9	14.00	28.00	5.0	2
## 1713	12465	99.4	29.00	58.00	5.0	2
## 1714	10187	98.8	30.00	50.00	6.0	3
## 1715	23697	99.8	30.00	60.00	5.0	2
## 1716	9367	99.5	71.50	100.00	7.2	3
## 1717	21830	99.9	18.60	28.00	6.6	3
## 1718	9720	99.9	59.20	118.40	5.0	2
## 1719	11531	99.5	17.80	25.00	7.1	3
## 1720	11300	99.7	18.30	25.00	7.3	3
## 1721	10471	98.6	37.40	83.00	4.5	2

```
## 1722   6408  98.1  58.60  80.00 7.3 7
## 1723   4541  99.9  10.60  13.80 7.7 3
## 1724  46047  99.9  84.00 168.00 5.0 1
## 1725   5343  99.9  78.40 112.00 7.0 1
## 1726   6909  99.5  71.50 100.00 7.2 3
## 1727 171374 100.0  10.00  20.00 5.0 8
## 1728   6635  96.2  38.00 114.00 3.3 7
## 1729   9488  99.4  36.00  72.00 5.0 2
## 1730   4111  99.8  10.60  13.80 7.7 3
## 1731   6295  96.7  45.60 114.00 4.0 7
## 1732 131377 100.0  12.50  25.00 5.0 2
## 1733   7214  99.6  47.20  75.00 6.3 3
## 1734  39221  99.9  55.00 110.00 5.0 2
## 1735   6836  98.8  51.40  72.00 7.1 3
## 1736 163838  99.9  20.50  26.00 7.9 8
## 1737  93182 100.0  23.30  35.00 6.7 3
## 1738   5958  98.5  62.50 125.00 5.0 1
## 1739  41049 100.0   6.00  12.00 5.0 2
## 1740   6444  99.5 336.00 500.00 6.7 5
## 1741   7150  99.2  25.30  40.00 6.3 3
## 1742   7346  99.7  19.70  25.00 7.9 3
## 1743  99135  99.9  16.00  32.00 5.0 2
## 1744   8979  99.9  59.40 118.80 5.0 2
## 1745   6695  99.2  17.80  25.00 7.1 3
## 1746   6715  99.3  18.30  25.00 7.3 3
## 1747   6586  99.4  17.50  25.00 7.0 3
## 1748  78067  99.9 350.00 700.00 5.0 5
## 1749  22959 100.0  20.00  40.00 5.0 2
## 1750   6982  99.7  17.80  25.00 7.1 3
## 1751  19635 100.0  13.00  18.50 7.0 3
## 1752   7451  99.4   4.00  12.00 3.3 2
## 1753   5874  99.4  16.60  25.00 6.6 3
## 1754   1939  95.8  16.00  40.00 4.0 7
```

## 1755	2920	99.9	49.00	98.00	5.0	2
## 1756	6038	99.2	32.20	48.00	6.7	3
## 1757	17114	100.0	13.00	18.50	7.0	3
## 1758	5836	99.5	18.30	25.00	7.3	3
## 1759	8306	99.5	15.80	20.00	7.9	3
## 1760	54699	99.9	100.00	200.00	5.0	1
## 1761	4200	99.1	89.30	125.00	7.1	1
## 1762	6636	99.6	18.30	25.00	7.3	3
## 1763	73075	100.0	23.30	35.00	6.7	3
## 1764	6349	99.3	8.80	12.00	7.3	3
## 1765	7029	99.7	9.00	13.80	6.5	3
## 1766	10024	99.9	45.00	90.00	5.0	2
## 1767	5611	99.3	18.30	25.00	7.3	3
## 1768	1699	100.0	30.00	60.00	5.0	2
## 1769	1485	99.9	37.60	75.20	5.0	2
## 1770	6144	99.5	8.80	12.00	7.3	3
## 1771	4450	98.5	88.80	148.00	6.0	1
## 1772	15808	99.9	13.00	18.50	7.0	3
## 1773	6567	99.9	31.60	63.20	5.0	2
## 1774	4708	99.0	9.00	13.80	6.5	3
## 1775	11328	100.0	29.60	59.20	5.0	2
## 1776	6178	99.7	18.30	25.00	7.3	3
## 1777	493555	100.0	50.00	100.00	5.0	10
## 1778	8648	99.8	74.60	112.00	6.7	1
## 1779	2846	100.0	59.40	118.80	5.0	2
## 1780	5164	99.2	15.00	25.00	6.0	3
## 1781	4343	99.1	9.40	13.80	6.8	3
## 1782	18533	100.0	16.60	25.00	6.6	3
## 1783	5968	99.5	8.80	12.00	7.3	3
## 1784	5117	99.9	93.30	118.00	7.9	1
## 1785	15525	100.0	16.40	18.50	8.9	3
## 1786	3582	99.9	59.20	118.40	5.0	2
## 1787	5973	99.6	18.30	25.00	7.3	3

```
## 1788   2843  96.4  12.80  32.00  4.0  7
## 1789   2710 100.0  26.50  39.80  6.7  3
## 1790   3261  99.9  59.00 118.00  5.0  2
## 1791   7113  99.7  19.70  25.00  7.9  3
## 1792   3510  99.9  64.80 108.00  6.0  1
## 1793   1654  99.8  20.00  29.80  6.7  3
## 1794   4025  99.3   5.50  13.80  4.0  2
## 1795  81548 100.0  98.40 196.80  5.0  1
## 1796  92232 100.0  79.99  96.00  5.0  2
## 1797   2474  99.5  48.00 400.00  6.4  1
## 1798   5081  98.8 256.00 125.00  6.1  1
## 1799   4889  99.5  76.60  25.00  7.3  3
## 1800  80178 100.0  18.30  32.00  5.7  2
## 1801   9043  99.7  18.20  20.00  7.9  3
## 1802   5796  99.5  15.80  20.00  7.9  3
## 1803  13676  99.9  18.30  25.00  7.3  3
## 1804   3774  98.8  29.10  39.80  7.3  3
## 1805   2154  99.7  22.50  45.00  5.0  2
## 1806 275480  99.8 110.90 160.00  6.9  8
## 1807  32591  99.9  69.00 138.00  5.0  1
## 1808   5992  99.6  18.30  25.00  7.3  3
## 1809   2051 100.0  14.00  28.00  5.0  2
## 1810   3690  99.5 429.00 600.00  7.2  5
## 1811   3817  99.4  18.30  25.00  7.3  3
## 1812   5560  99.6  13.80  20.00  6.9  3
## 1813   3112  97.4   9.60  24.00  4.0  7
## 1814   1884 100.0  14.00  28.00  5.0  2
## 1815   5778  99.7  19.50  25.00  7.8  3
## 1816  91038 100.0  23.30  35.00  6.7  3
## 1817   3926  99.7  19.70  25.00  7.9  3
## 1818   3256  99.0   5.50  13.80  4.0  2
## 1819  11215  99.9  12.50  25.00  5.0  2
## 1820   3798  99.5  18.30  25.00  7.3  3
```

```
## 1821  3810  99.5  14.00  25.00  5.6  2
## 1822 10200  99.9  18.30  25.00  7.3  3
## 1823 94052  99.9  15.90  28.00  5.7  2
## 1824  4118  99.2  14.10  19.80  7.1  3
## 1825  5039  99.6  13.80  20.00  6.9  3
## 1826  4032  99.7  17.50  25.00  7.0  3
## 1827  3068  98.6  14.20  18.00  7.9  3
## 1828  7340  99.6  15.80  20.00  7.9  3
## 1829  4428  99.2  68.60  96.00  7.1  3
## 1830  3303  98.8  51.20 128.00  4.0  2
## 1831 20432  99.9  11.00  22.00  5.0  2
## 1832  3530  99.2  29.30  40.00  7.3  3
## 1833  3369  98.2  17.30  22.00  7.9  3
## 1834  3710  99.4  18.30  25.00  7.3  3
## 1835  3867  98.4  31.70  60.00  5.3  7
## 1836  4347  99.7  18.30  25.00  7.3  3
## 1837 69432 100.0  24.50  35.00  7.0  3
## 1838  3957  99.7  71.50 100.00  7.2  3
## 1839  4307  99.1  17.80  25.00  7.1  3
## 1840  3217  99.4  18.30  25.00  7.3  3
## 1841  4555  99.7  18.30  25.00  7.3  3
## 1842  3680  99.6  17.80  25.00  7.1  3
## 1843  3229  99.3  18.30  25.00  7.3  3
## 1844   753 100.0  62.30  99.00  6.3  3
## 1845  3068  99.3  14.00  25.00  5.6  2
## 1846  5659  99.8  15.80  20.00  7.9  3
## 1847  4158  99.4  18.30  25.00  7.3  3
## 1848  3196  99.7 235.20 350.00  6.7  5
## 1849  3445  99.6  17.80  25.00  7.1  3
## 1850 15250  99.8  53.00  79.60  6.7  3
## 1851  4197  99.3  18.30  25.00  7.3  3
## 1852  3268  99.3  14.00  25.00  5.6  2
## 1853  3321  99.1  48.00  96.00  5.0  2
```

```
## 1854  4540  99.7  15.80  20.00  7.9  3
## 1855  3084  99.6 101.20 138.00  7.3  1
## 1856  5226  99.7  15.80  20.00  7.9  3
## 1857 82756 100.0  12.50  25.00  5.0  2
## 1858  4395  99.6  17.80  25.00  7.1  3
## 1859  3434  99.1  18.30  25.00  7.3  3
## 1860  5093  99.9  17.80  25.00  7.1  3
## 1861  3663  99.6  18.30  25.00  7.3  3
## 1862  5078  99.8  15.80  20.00  7.9  3
## 1863  3627  99.6  17.80  25.00  7.1  3
## 1864  3423  99.7  17.80  25.00  7.1  3
## 1865  4197  99.5   5.00  10.00  5.0  2
## 1866  2836  98.1   7.20  18.00  4.0  7
## 1867  2718  97.9  16.00  40.00  4.0  7
## 1868  5203  99.8  15.80  20.00  7.9  3
## 1869  4843  99.7  15.80  20.00  7.9  3
## 1870  2165  98.4   5.20  18.00  2.9  2
## 1871  4661  99.8  15.80  20.00  7.9  3
## 1872  2993  98.8   7.70   9.80  7.9  3
## 1873  2754  99.5  89.30 125.00  7.1  1
## 1874  2375  99.5   7.20   9.90  7.3  3
## 1875  2838  99.5  40.00 100.00  4.0  2
## 1876  7526  99.8  28.30 149.00  1.9  4
## 1877  9829  99.3  53.00  79.60  6.7  3
## 1878  4755  99.8  13.80  20.00  6.9  3
## 1879  3453  99.5  71.50 100.00  7.2  3
## 1880  2776  99.5  67.20 100.00  6.7  3
## 1881  2707  98.4  30.00  50.00  6.0  7
## 1882  1967  99.9  76.40  98.00  7.8  3
## 1883  4720  99.7  15.80  20.00  7.9  3
## 1884  3405  99.7  71.50 100.00  7.2  3
## 1885  3097  99.8  16.60  25.00  6.6  3
## 1886  3249  99.3  76.00 114.00  6.7  1
```

```
## 1887  1342  100.0  45.20  58.00  7.8  3
## 1888  1361  100.0  45.20  58.00  7.8  3
## 1889  5291   99.8  17.80  25.00  7.1  3
## 1890  9300  100.0  18.30  25.00  7.3  3
## 1891  3865   99.5  17.80  25.00  7.1  3
## 1892  3862   99.4   6.00  12.00  5.0  2
## 1893  3012   99.4  13.30  25.00  5.3  2
## 1894  2573   98.4  11.60  29.00  4.0  7
## 1895  2560   98.5  14.10  19.80  7.1  3
## 1896  2752   99.2  60.00 120.00  5.0  2
## 1897  3311   99.5  18.30  25.00  7.3  3
## 1898  4095   99.5   6.00  12.00  5.0  2
## 1899 66095  100.0  23.30  35.00  6.7  3
## 1900  2243   99.0   7.80   9.90  7.9  3
## 1901 48761  100.0  48.00  96.00  5.0  2
## 1902  5134   99.8  17.80  25.00  7.1  3
## 1903  2267   99.2   6.60   9.90  6.7  3
## 1904  5106   99.2 239.90 450.00  5.3  5
## 1905  2497   99.5 366.60 500.00  7.3  5
## 1906  4118   99.8  13.80  20.00  6.9  3
## 1907  3614   99.8  17.80  25.00  7.1  3
## 1908  9221   99.7  53.00  79.60  6.7  3
## 1909  3030   99.4  18.30  25.00  7.3  3
## 1910  2983   99.4  21.20  29.70  7.1  3
## 1911 15272   99.9   4.00  29.80  1.3  4
## 1912  7396  100.0  18.30  25.00  7.3  3
## 1913  8652   99.9  12.50  25.00  5.0  2
## 1914  2792   99.2  17.50  25.00  7.0  3
## 1915  3321   99.1  17.80  25.00  7.1  3
## 1916  2640   99.1  34.50  60.00  5.8  3
## 1917  2258   98.6  12.40  32.00  3.9  2
## 1918  5476   99.7  38.60  54.00  7.1  3
## 1919  2202   99.2   6.60   9.90  6.7  3
```

```
## 1920  3591  99.6  17.80  25.00  7.1  3
## 1921  3335 100.0  31.60  63.20  5.0  2
## 1922 76440 100.0  23.30  35.00  6.7  3
## 1923 62327 100.0  24.50  35.00  7.0  3
## 1924  1971  98.3  16.80  42.00  4.0  7
## 1925  2501  99.6  17.80  25.00  7.1  3
## 1926  2522 100.0  78.40 112.00  7.0  1
## 1927   719 100.0  23.20  29.80  7.8  3
## 1928  2695  99.1  18.30  25.00  7.3  3
## 1929  2390  99.5  67.20 100.00  6.7  3
## 1930   650 100.0  23.20  29.80  7.8  3
## 1931  1679  98.3  31.20  78.00  4.0  7
## 1932  6154 100.0  18.30  25.00  7.3  3
## 1933  4125  99.8  13.80  20.00  6.9  3
## 1934  2987  99.4  17.80  25.00  7.1  3
## 1935 32202  99.9 110.90 160.00  6.9  1
## 1936  2735  99.6  12.50  25.00  5.0  2
## 1937  2414  98.5  25.30  35.40  7.1  3
## 1938  3207  99.2   6.00  12.00  5.0  2
## 1939   789 100.0  23.20  29.80  7.8  3
## 1940   638 100.0  23.20  29.80  7.8  3
## 1941  3504  99.7  17.80  25.00  7.1  3
## 1942   734 100.0  23.20  29.80  7.8  3
## 1943  2702  99.6  18.30  25.00  7.3  3
## 1944  2859  99.7   7.00   9.90  7.1  3
## 1945  5283 100.0  10.00  20.00  5.0  2
## 1946  1908  99.6  22.50  45.00  5.0  2
## 1947   809  99.9  23.20  29.80  7.8  3
## 1948  2950  99.1  18.30  25.00  7.3  3
## 1949  2576  99.5  14.00  25.00  5.6  2
## 1950  4251  99.8  12.50  25.00  5.0  2
## 1951  2636  99.6  17.80  25.00  7.1  3
## 1952 80871 100.0  23.30  35.00  6.7  3
```

```
## 1953  9704  99.9  37.10  48.00  7.7  3
## 1954 37469 100.0  22.50  45.00  5.0  2
## 1955  1787  99.9  89.30 125.00  7.1  1
## 1956  2716  99.7  17.80  25.00  7.1  3
## 1957  1537  98.0   8.60  11.00  7.8  7
## 1958  2473  99.0 134.90 188.80  7.1  1
## 1959 64287 100.0  23.30  35.00  6.7  3
## 1960  2379  99.5  14.00  25.00  5.6  2
## 1961  2528  99.3  18.30  25.00  7.3  3
## 1962 45613 100.0  23.30  35.00  6.7  3
## 1963 52747 100.0  73.60 147.20  5.0  1
## 1964  2885  99.5  10.00  25.00  4.0  2
## 1965 21342  99.9  24.70  49.50  5.0  2
## 1966  2633  99.7  17.80  25.00  7.1  3
## 1967  2026  99.4   7.00   9.90  7.1  3
## 1968 58770 100.0  23.30  35.00  6.7  3
## 1969 58863 100.0  23.30  35.00  6.7  3
## 1970  1765  98.4  10.60  32.00  3.3  2
## 1971  2589  99.5  21.20  29.70  7.1  3
## 1972 48668 100.0  23.30  35.00  6.7  3
## 1973 39280 100.0  50.40 100.80  5.0  2
## 1974   868  94.8  29.90  40.80  7.3  7
## 1975  2505  99.7  71.50 100.00  7.2  3
## 1976  2000  98.5   8.60  11.00  7.8  3
## 1977  2650  99.2   8.80  16.00  5.5  2
## 1978  2711  99.7   7.00   9.90  7.1  3
## 1979 22720  99.9  84.00 168.00  5.0  1
## 1980 12656  99.9  27.50  55.00  5.0  2
## 1981  2146  99.9   5.20  18.00  2.9  2
## 1982 30281  99.9 280.00 560.00  5.0  5
## 1983  2007  97.4  18.30  25.00  7.3  7
## 1984 17910  99.9 199.00 398.00  5.0  5
## 1985  1713  99.1  98.40 196.80  5.0  1
```

```
## 1986  1737  97.8  10.80  15.80  6.8  7
## 1987  2530  99.5  17.80  25.00  7.1  3
## 1988  2314  99.1  20.40  25.00  8.2  3
## 1989  8781  99.9  48.00  96.00  5.0  2
## 1990  1872  96.6  19.20  28.00  6.9  7
## 1991  1830  99.0  22.80  32.00  7.1  3
## 1992 47934 100.0  23.30  35.00  6.7  3
## 1993  2395  99.0  53.60  89.40  6.0  3
## 1994  8206 100.0  18.30  25.00  7.3  3
## 1995 15238  99.9  97.50 250.00  3.9  1
## 1996 22664  99.9  70.00 140.00  5.0  1
## 1997  2267  99.8  14.00  25.00  5.6  2
## 1998 39060  99.9 196.80 393.60  5.0  5
## 1999  1229  96.3  18.60  64.00  2.9  7
## 2000  2390  99.7   6.00  12.00  5.0  2
## 2001  3130  99.4  11.00  15.00  7.3  3
## 2002  1455  97.6  20.40  51.20  4.0  7
## 2003  2171  98.4   9.30  11.80  7.9  3
## 2004  2446  99.8  15.70  25.00  6.3  3
## 2005 25072  99.9  51.20 102.40  5.0  2
## 2006  1433  96.4   3.20   8.00  4.0  7
## 2007 10645 100.0  16.60  25.00  6.6  3
## 2008 26558 100.0  29.60  59.20  5.0  2
## 2009 57048 100.0  23.30  35.00  6.7  3
## 2010  2521  99.4   5.00  10.00  5.0  2
## 2011  2240  99.4  18.30  25.00  7.3  3
## 2012 38913 100.0  23.30  35.00  6.7  3
## 2013 32400  99.9 155.20 199.00  7.8  1
## 2014 26295  99.9  23.88 120.00  5.0  2
## 2015  1150  98.4  60.00  78.00  7.0  3
## 2016  1840  98.0  54.60  21.00  3.9  7
## 2017  1851  99.3   8.20  88.00  6.8  3
## 2018  1970  97.9  59.40  15.80  3.3  7
```

```
## 2019   2169  97.1   5.20  44.00  4.0  7
## 2020  18861 100.0  17.60  10.00  3.7  2
## 2021   2737  99.1   3.70  16.00  5.5  2
## 2022   1812  99.4   8.80  13.80  6.5  3
## 2023  45205 100.0  23.30  35.00  6.7  3
## 2024   1675  99.2  67.20 100.00  6.7  3
## 2025  13931  99.9  29.00  58.00  5.0  2
## 2026   2725  99.0   4.70  16.00  2.9  2
## 2027   2044  99.5   7.20   9.90  7.3  3
## 2028   2009  99.5  18.30  25.00  7.3  3
## 2029  38473 100.0  23.30  35.00  6.7  3
## 2030   2282  99.7  17.80  25.00  7.1  3
## 2031   1663  99.7  14.40  25.00  5.8  2
## 2032   1464  98.2  12.40  15.80  7.8  3
## 2033   1690  99.4  31.60  40.00  7.9  3
## 2034   1408  96.4   3.20   8.00  4.0  7
## 2035   2547  99.2  36.60  55.00  6.7  3
## 2036   1385  99.4   4.60  16.00  2.9  2
## 2037   4285 100.0  10.00  20.00  5.0  2
## 2038   1739  98.4   9.50  21.00  4.5  7
## 2039  41853 100.0  23.30  35.00  6.7  3
## 2040 104453  99.7 328.90 506.00  6.5  5
## 2041   1161  99.2  95.30 178.80  5.3  1
## 2042   6231  99.8  27.70  35.00  7.9  3
## 2043   2131  98.5   9.30  11.80  7.9  3
## 2044   1795  99.2  14.00  28.00  5.0  2
## 2045   8283  99.9  91.60 125.00  7.3  1
## 2046  24644 100.0  70.00 140.00  5.0  1
## 2047   2299  98.8   8.80  16.00  5.5  3
## 2048  42710 100.0  23.30  35.00  6.7  3
## 2049   1440  98.8  14.20  18.00  7.9  3
## 2050   2417  99.6  24.50 153.60  1.6  4
## 2051   1631  96.9  14.60  20.00  7.3  7
```

```
## 2052  1595  99.5  52.60  78.40  6.7  3
## 2053  12867  99.7  65.00  156.00  4.2  1
## 2054  2388  99.2  2.60  19.80  1.3  4
## 2055  1308  98.3  63.00  100.00  6.3  7
## 2056  2095  99.2  6.00  12.00  5.0  2
## 2057  2127  99.2  12.50  25.00  5.0  2
## 2058  1765  98.9  48.00  96.00  5.0  2
## 2059  30862  100.0  50.40  100.80  5.0  2
## 2060  1879  99.4  6.00  12.00  5.0  2
## 2061  1231  99.3  26.30  36.80  7.1  3
## 2062  5983  100.0  18.30  25.00  7.3  3
## 2063  1653  99.2  106.60  144.00  7.4  1
## 2064  1179  96.3  2.60  8.00  3.3  7
## 2065  1934  98.4  9.30  11.80  7.9  3
## 2066  1795  97.6  16.10  22.00  7.3  7
## 2067  1227  99.7  83.40  149.00  5.6  1
## 2068  1504  98.5  8.20  21.00  3.9  2
## 2069  27286  99.9  68.40  136.80  5.0  1
## 2070  1097  99.2  21.60  58.00  3.7  2
## 2071  2002  99.6  13.10  17.90  7.3  3
## 2072  1374  98.7  48.00  96.00  5.0  2
## 2073  1628  98.8  9.30  11.80  7.9  3
## 2074  1328  96.5  24.10  34.80  6.9  7
## 2075  1213  96.6  146.60  200.00  7.3  7
## 2076  20472  100.0  14.00  28.00  5.0  2
## 2077  1659  99.4  14.40  25.00  5.8  3
## 2078  6184  100.0  66.60  100.00  6.7  3
## 2079  2306  99.8  10.00  25.00  4.0  2
## 2080  2098  99.1  8.80  16.00  5.5  2
## 2081  1348  98.7  71.50  100.00  7.2  3
## 2082  6243  99.9  37.00  159.00  2.3  2
## 2083  21412  99.8  90.00  180.00  5.0  1
## 2084  22801  100.0  17.00  34.00  5.0  2
```

```
## 2085  2153  99.8  15.70  25.00  6.3  3
## 2086  1242  98.6   6.30  15.80  4.0  2
## 2087  1693  98.6   9.30  11.80  7.9  3
## 2088 36296 100.0  23.30  35.00  6.7  3
## 2089  1772  99.2  52.80  72.00  7.3  3
## 2090  4862 100.0  10.00  20.00  5.0  2
## 2091 37280  99.9 336.00 672.00  5.0  5
## 2092  1285  98.1  19.10  26.80  7.1  7
## 2093  2095  99.5   8.90  17.90  5.0  2
## 2094 42804 100.0  23.30  35.00  6.7  3
## 2095  1655  99.6  48.00  96.00  5.0  2
## 2096 37206 100.0  23.30  35.00  6.7  3
## 2097  1190  99.2  62.70  96.00  6.5  3
## 2098  3137  99.9  18.30  25.00  7.3  3
## 2099  1981  99.4   6.00  12.00  5.0  2
## 2100 40592 100.0  23.30  35.00  6.7  3
## 2101  6125 100.0  17.50  25.00  7.0  3
## 2102  1311  99.2   7.00   9.90  7.1  3
## 2103  1439  99.2  72.50 101.40  7.1  3
## 2104  5719 100.0  10.00  20.00  5.0  2
## 2105  2418  99.8 201.60 336.00  6.0  1
## 2106  1975  99.8  59.40 118.80  5.0  2
## 2107  1583  99.0 154.50 240.00  6.4  1
## 2108  7589  99.9 321.90 560.00  5.7  5
## 2109  1853  99.8  22.10  28.00  7.9  3
## 2110  1699  99.6  17.80  25.00  7.1  3
## 2111  1867  98.2  14.60  20.00  7.3  7
## 2112 11055  99.9  25.80  94.80  2.7  2
## 2113  1694  99.9  71.50 100.00  7.2  3
## 2114  1357  98.6   8.40  29.00  2.9  2
## 2115  2419  99.2   6.00  12.00  5.0  2
## 2116 17892  99.9  47.00  94.00  5.0  2
## 2117  1315  99.5  25.00  50.00  5.0  2
```

```
## 2118  1359  99.6  24.10  33.80  7.1  3
## 2119  1260  98.5  32.20  51.20  6.3  3
## 2120 43556 100.0  23.30  35.00  6.7  3
## 2121  1120  99.2  72.90 102.00  7.1  3
## 2122  1497  99.5  70.00  98.00  7.1  3
## 2123  2315  99.8  36.87  49.80  7.4  3
## 2124 16909  99.9  84.00 168.00  5.0  1
## 2125  1997  99.4  12.50  25.00  5.0  2
## 2126  1445  99.7  14.40  25.00  5.8  2
## 2127  4212 100.0  17.50  25.00  7.0  3
## 2128  1168  97.0  72.80 104.00  7.0  7
## 2129  9919  99.6 107.10 238.00  4.5  1
## 2130  1255  98.6  27.10  38.00  7.1  3
## 2131  1484  99.0  25.20  32.00  7.9  3
## 2132  1108  98.3  18.30  25.00  7.3  3
## 2133  1744  99.6  66.60 100.00  6.7  3
## 2134 34266 100.0  78.00 156.00  5.0  1
## 2135  1308  99.2  42.30  59.20  7.1  3
## 2136 19301 100.0  14.00  28.00  5.0  2
## 2137  1440  99.2  25.20  32.00  7.9  3
## 2138  1559  99.8  15.70  25.00  6.3  3
## 2139 28329 100.0  22.50  45.00  5.0  2
## 2140  1243  96.5  52.80 132.00  4.0  7
## 2141 28812  99.8 490.00 980.00  5.0  5
## 2142  1415  99.2  14.50  19.80  7.3  3
## 2143  1560  98.4   9.30  11.80  7.9  3
## 2144  1810  99.3   4.60   9.90  4.6  2
## 2145  4871  99.8 125.00 250.00  5.0  1
## 2146  7373 100.0  12.50  25.00  5.0  2
## 2147 42977 100.0  17.50  35.00  5.0  2
## 2148  1528  99.4  27.30  39.80  6.9  3
## 2149  1424  98.5   9.30  11.80  7.9  3
## 2150 24862  99.7 280.00 560.00  5.0  5
```

```
## 2151   1792  99.1   8.80  16.00 5.5  2
## 2152    951  98.3  34.80  59.20 5.9  7
## 2153  37142 100.0  22.75  35.00 6.5  3
## 2154  16494 100.0  14.00  28.00 5.0  2
## 2155  16134 100.0  50.00 100.00 5.0  2
## 2156  47805  99.9  56.00 112.00 5.0  2
## 2157   6979  99.7  29.90  90.00 3.3  2
## 2158   1039  99.0  88.80 148.00 6.0  1
## 2159   1605  99.4  17.80  25.00 7.1  3
## 2160   1379  99.1  10.70  25.60 4.2  2
## 2161   1343  99.2  76.00 114.00 6.7  1
## 2162  93168  99.7 214.50 330.00 6.5  5
## 2163 637239  95.2  32.00  64.00 5.0 10
## 2164  45540  98.8  34.40  68.80 5.0  2
## 2165  22327  99.1   8.60  25.80 3.3  2
## 2166  23330  98.3   3.70   6.00 6.2  7
## 2167  15296  97.4  24.10  38.40 6.3  7
## 2168   8428 100.0  54.00 108.00 5.0  2
## 2169  13792  98.0  24.10  38.40 6.3  7
## 2170  20445  99.3  12.20  15.80 7.7  3
## 2171  21720  99.3  12.20  15.80 7.7  3
## 2172  18892  98.6   3.70   6.00 6.2  3
## 2173  13143  99.0   8.60  25.80 3.3  2
## 2174  16949  99.1   6.50  13.00 5.0  2
## 2175  12088  99.1  10.30  25.80 4.0  2
## 2176  18045  98.7  34.00  68.00 5.0  2
## 2177  14952  99.5  12.20  15.80 7.7  3
## 2178  12897  98.8   3.70   6.00 6.2  3
## 2179 291454 100.0  22.50  45.00 5.0  8
## 2180  12789  99.2  27.99  13.80 7.9  3
## 2181   8614  99.1  10.90  64.00 5.0  2
## 2182  13985  97.9  32.00  15.80 7.8  7
## 2183  10435  98.5   3.90   6.00 6.5  3
```

```
## 2184  13216  98.4  20.10  33.60  6.0  7
## 2185 229514 100.0  35.40  70.80  5.0  8
## 2186  11366  99.4  10.90  13.80  7.9  3
## 2187   5107  98.3  31.50  70.00  4.5  7
## 2188  70685  99.9  60.00 120.00  5.0  2
## 2189  10768  99.1  10.90  13.80  7.9  3
## 2190  73589 100.0  72.00 144.00  5.0  1
## 2191   9696  98.7  19.80  29.80  6.6  3
## 2192   4897  98.8  31.50  70.00  4.5  2
## 2193   7654  98.3   6.40  12.80  5.0  7
## 2194   5940  98.3  99.00 198.00  5.0  1
## 2195   8532  98.8  10.00  15.00  6.7  3
## 2196   7430  97.0   5.10   8.00  6.4  7
## 2197   7241  97.8   5.20   8.00  6.5  7
## 2198   7546  99.0   9.50  13.00  7.3  3
## 2199   6176  97.4   7.20  12.60  5.7  7
## 2200   6008  99.2  33.60  48.00  7.0  3
## 2201   6529  98.8   6.40  12.80  5.0  2
## 2202   2138  91.2  13.40  20.00  6.7  9
## 2203   3879  95.5  40.20  57.00  7.1  7
## 2204  73340  99.8  28.00  56.00  5.0  2
## 2205   9148  98.2  12.40  15.80  7.8  3
## 2206   6653  99.1  10.00  15.00  6.7  3
## 2207   8625  99.1  32.20  48.00  6.7  3
## 2208   7423  98.3   5.90  13.00  4.5  7
## 2209   6807  99.0  50.70  75.00  6.8  3
## 2210   6360  99.2  13.70  25.80  5.3  2
## 2211   5761  98.3  45.00  75.00  6.0  7
## 2212 230921 100.0  43.50  59.40  7.3  8
## 2213   7260  99.3   5.10  13.00  3.9  2
## 2214   7788  98.2   8.50  12.80  6.6  7
## 2215   7313  99.5  25.60  40.00  6.4  3
## 2216   6124  99.0   6.40  12.80  5.0  2
```

```
## 2217   4005  97.6  76.10  110.40  6.9  7
## 2218   4581  96.7  19.20   48.00  4.0  7
## 2219   5581  99.0   6.40   12.80  5.0  2
## 2220   5449  98.5  10.90   13.80  7.9  3
## 2221   6130  98.7   8.70   15.00  5.8  3
## 2222   4517  98.4   8.50   10.80  7.9  3
## 2223   6368  99.2   5.60    8.80  6.4  3
## 2224   3742  99.1  49.00   98.00  5.0  2
## 2225   4950  98.6   9.90   19.90  5.0  2
## 2226  85482 100.0  35.40   70.80  5.0  2
## 2227  58169  99.9   8.00   16.00  5.0  2
## 2228 370600  99.7  53.90   98.00  5.5  8
## 2229   4455  98.9 130.20  171.40  7.6  1
## 2230   5807  99.2   5.90    8.80  6.7  3
## 2231   4260  98.6   8.00   12.00  6.7  3
## 2232   5318  98.8   8.70   15.00  5.8  3
## 2233   4109  98.8   8.00   12.00  6.7  3
## 2234   4168  97.1   7.20   12.60  5.7  7
## 2235   4707  97.6   5.20    8.00  6.5  7
## 2236   5493  99.5  25.60   40.00  6.4  3
## 2237  27643  99.9  15.60   19.80  7.9  3
## 2238 127321 100.0  32.00   64.00  5.0  2
## 2239   5005  97.4   3.70    7.50  4.9  7
## 2240   6105  98.1  52.80   88.00  6.0  7
## 2241   4191  98.5  10.90   13.80  7.9  3
## 2242   5171  99.0   5.60    8.80  6.4  3
## 2243  81475  99.9  39.60   79.20  5.0  2
## 2244   3956  97.4   7.20   12.60  5.7  7
## 2245   4509  99.1   6.40   12.80  5.0  2
## 2246   4046  98.9  12.30   64.80  1.9  4
## 2247   5538  99.3   6.50   13.00  5.0  2
## 2248   3081  97.0  41.40   82.80  5.0  7
## 2249   6610  98.5  66.40   99.60  6.7  3
```

```
## 2250  2526  98.6  12.40  32.00  3.9  2
## 2251  5074  99.3   5.00  13.80  7.9  3
## 2252  3574  98.8  10.90  12.00  6.7  3
## 2253  4119  97.6   8.00  70.00  5.0  7
## 2254  3416  98.2  35.00  60.00  6.4  7
## 2255  4296  99.2  38.40  15.00  6.7  3
## 2256 19589  99.9  10.00  19.80  7.3  3
## 2257  4726  99.0  14.50  13.00  5.0  2
## 2258  5794  98.6   6.50  15.80  6.9  3
## 2259  4060  98.0  10.90  53.00  2.7  7
## 2260  4799  97.1  14.10  29.80  2.7  7
## 2261  3621  99.1   7.90 119.20  6.8  3
## 2262  3507  98.3  80.90  20.00  4.5  7
## 2263  4328  99.0   6.40  12.80  5.0  2
## 2264  3413  97.7   5.20   8.00  6.5  7
## 2265  3820  99.2  11.00  19.00  5.8  3
## 2266  3910  99.3  10.30  25.80  4.0  2
## 2267 15271  99.9  22.50  45.00  5.0  2
## 2268 46838 100.0 103.80 147.00  7.1  1
## 2269  4104  99.2   8.70  15.00  5.8  3
## 2270  3598  98.3   6.40  12.80  5.0  7
## 2271  4565  98.6   9.80  13.80  7.1  3
## 2272  3620  98.6   5.00   8.00  6.3  3
## 2273  3521  97.3  31.50  70.00  4.5  7
## 2274  1832  96.4   8.20  35.00  2.3  7
## 2275  5074  99.4  29.70  59.40  5.0  2
## 2276 64437 100.0  63.00 126.00  5.0  1
## 2277  3667  99.6  11.00  19.00  5.8  2
## 2278  3512  99.5  12.60  19.00  6.6  3
## 2279  3475  99.5  11.00  19.00  5.8  3
## 2280  2982  97.9   7.00  24.00  2.9  7
## 2281  3052  98.8  10.10  13.80  7.3  3
## 2282 58000 100.0  74.50 149.00  5.0  1
```

## 2283	2309	100.0	73.10	134.00	5.5	1
## 2284	4150	97.9	14.90	29.80	5.0	7
## 2285	3677	98.5	7.50	15.00	5.0	7
## 2286	2927	99.2	4.50	12.00	7.0	3
## 2287	4150	99.5	8.40	23.80	7.3	3
## 2288	2843	98.0	17.40	12.90	7.1	7
## 2289	3501	99.7	9.20	19.00	5.8	2
## 2290	3178	99.2	11.00	19.00	5.8	3
## 2291	33767	99.9	11.00	16.00	5.0	2
## 2292	3177	98.6	8.00	75.00	6.0	3
## 2293	3722	99.2	45.00	12.80	6.8	3
## 2294	14774	100.0	8.64	100.00	7.3	3
## 2295	22344	100.0	73.30	29.00	7.3	3
## 2296	2789	98.0	21.20	8.00	6.3	7
## 2297	3096	99.3	11.78	15.00	7.0	3
## 2298	2879	98.6	5.00	18.00	7.9	3
## 2299	4387	99.2	10.50	17.60	6.7	3
## 2300	3891	99.1	14.20	12.80	6.8	3
## 2301	30600	99.9	11.80	36.00	5.0	2
## 2302	3788	99.4	8.64	12.80	6.9	3
## 2303	2900	99.3	13.30	19.00	7.0	3
## 2304	2570	97.0	46.00	138.00	3.3	7
## 2305	32639	99.8	27.60	55.20	5.0	2
## 2306	2962	99.3	11.00	19.00	5.8	3
## 2307	3352	98.9	8.65	12.80	6.8	3
## 2308	2983	99.0	5.90	15.00	3.9	2
## 2309	2783	97.4	7.90	10.00	7.9	7
## 2310	56480	100.0	149.40	149.40	10.0	1
## 2311	2309	99.5	51.40	72.00	7.1	3
## 2312	2232	96.9	9.10	22.80	4.0	7
## 2313	2511	98.9	14.60	22.00	6.6	3
## 2314	3700	99.2	8.80	12.80	6.9	3
## 2315	2672	99.0	16.30	22.80	7.1	3

```
## 2316  2294  98.1  18.60  28.00  6.6  7
## 2317  2039  97.9   8.50  10.80  7.9  7
## 2318  2405 100.0  39.90  79.80  5.0  2
## 2319 28263  99.8   8.00  16.00  5.0  2
## 2320  2179  98.5   6.00  18.00  3.3  2
## 2321  3098 100.0 126.00 252.00  5.0  1
## 2322 28242  99.9  13.80  27.60  5.0  2
## 2323  2414  99.3  19.80  29.80  6.6  3
## 2324  2732  98.2  10.90  13.80  7.9  3
## 2325  2694  98.2  19.80  29.80  6.6  7
## 2326 79906 100.0  29.10  39.80  7.3  3
## 2327  4330  99.4  15.99  19.80  5.0  2
## 2328 19464  99.7   9.90  16.00  5.0  2
## 2329 15314  99.9   8.00  76.80  6.0  2
## 2330  2047  98.7  46.00   8.00  6.3  3
## 2331  1932  95.8   5.00   8.80  4.9  7
## 2332 13915  99.9   4.30  60.00  6.3  3
## 2333  2070  98.0  37.80 112.80  4.0  7
## 2334  2587  99.7  45.10  95.20  6.7  3
## 2335  2179  97.8  63.90  75.00  5.0  7
## 2336  4820  98.8  37.50  86.40  3.9  2
## 2337  2466  99.4  33.60  15.00  5.8  3
## 2338  1991  99.0   8.70  15.80  7.8  3
## 2339  1322  98.0  12.40  10.80  6.9  7
## 2340  2369  99.7   7.40 142.80  7.1  3
## 2341 18879  99.9 102.00  90.00  3.2  2
## 2342  1498  98.5  28.80  10.80  3.9  2
## 2343 13663  99.9 149.00 298.00  5.0  1
## 2344  1757  98.0  23.70  30.00  7.9  7
## 2345 37036 100.0  71.50 143.00  5.0  1
## 2346  2330  98.7  12.60  19.00  6.6  3
## 2347  1788  98.0   7.20  12.60  5.7  7
## 2348  2522  98.5  37.70  65.40  5.8  7
```

```
## 2349  2254  99.1  12.60  19.00  6.6  3
## 2350 23867  99.8  27.60  55.20  5.0  2
## 2351  2383  98.7  20.80  29.80  7.0  3
## 2352  4950 100.0   5.90  15.00  3.9  2
## 2353  1065  99.9  75.00 125.00  6.0  1
## 2354  1800  98.4  27.30  68.40  4.0  7
## 2355  4672  99.8   2.00  15.00  1.3  4
## 2356 15646  99.9  30.00  60.00  5.0  2
## 2357  1534  99.2   4.20  12.80  3.3  2
## 2358  2846  99.1  56.00 112.00  5.0  2
## 2359  2285  99.4   8.10  12.80  6.3  3
## 2360  5104  99.1  90.00 180.00  5.0  1
## 2361  1887  99.7  34.90  69.80  5.0  2
## 2362  4306  99.9   2.00  15.00  1.3  4
## 2363  2123  99.3  10.00  15.00  6.7  3
## 2364  3637  99.4  21.10  60.00  3.5  2
## 2365  2263  98.0   8.60  11.00  7.8  7
## 2366  2065  99.2  93.60 142.80  6.6  1
## 2367 27321  99.9  15.60  19.80  7.9  3
## 2368  2831  98.8   5.50  25.00  5.8  3
## 2369  1469  98.1  14.40  35.00  4.0  7
## 2370  1323  99.8  14.00  25.00  6.0  3
## 2371  1448  99.6  15.00  12.80  4.0  2
## 2372  2178  99.0   5.10  19.00  5.8  3
## 2373  2015  99.2  11.00  14.80  6.4  3
## 2374  1378  97.5   9.40  35.00  4.0  7
## 2375  2171  98.0  14.00  12.80  6.6  7
## 2376  2091  98.5   8.50  12.80  6.3  3
## 2377   930  93.2   8.10 160.00  4.0  9
## 2378 38671 100.0  63.90 144.00  5.0  1
## 2379  2315  98.3  72.00  15.80  7.8  3
## 2380 27753  99.9  12.40  68.00  5.0  2
## 2381  1194  98.0  34.00  10.80  4.8  7
```

```
## 2382  1798  98.4   5.20  76.80 3.9 7
## 2383 18906  99.6  27.60  55.20 5.0 2
## 2384  1686  96.4   8.80  12.80 6.9 7
## 2385  1107  98.0  35.80  71.60 5.0 7
## 2386  2768  99.7  14.40  36.00 4.0 2
## 2387  1503  99.4   7.00  15.00 4.7 2
## 2388  1365  98.3   6.90  12.80 5.4 7
## 2389  9700  99.9  12.00  60.00 2.0 4
## 2390  1327  99.8  15.00  25.00 6.0 3
## 2391  1779  99.3  35.70  50.00 7.1 3
## 2392  1510  99.1  43.40  59.20 7.3 3
## 2393  1671  99.5  15.40  22.00 7.0 3
## 2394  1931  98.9  12.60  19.00 6.6 3
## 2395  1500  96.1   4.00  10.00 4.0 7
## 2396 23817 100.0  21.80  29.80 7.3 3
## 2397  1195  99.9   9.42  25.00 6.0 3
## 2398  1837  98.8  15.00  25.00 7.9 3
## 2399  2220  98.5  19.70  12.00 7.8 3
## 2400  1166  96.8   9.40   6.80 6.3 7
## 2401  1135 100.0   4.30  25.00 6.0 3
## 2402 28106 100.0  15.00 169.00 5.0 2
## 2403  2135  99.2  30.70  48.00 6.4 3
## 2404  2224  99.1   6.40  12.80 5.0 2
## 2405  1452  97.3  10.80  27.60 3.9 7
## 2406  1950  98.6  44.80  64.00 7.0 3
## 2407  1586  98.6  36.00  72.00 5.0 2
## 2408 45006 100.0  14.50  19.80 7.3 3
## 2409  3316  99.4   9.90  19.80 5.0 2
## 2410  1263  99.7  15.00  25.00 6.0 3
## 2411  1845  99.1  39.20  56.00 7.0 3
## 2412 35614 100.0  34.00  68.00 5.0 2
## 2413  1831  99.3   5.00   8.00 6.3 3
## 2414  2716  99.9   4.20  32.00 1.3 4
```

```
## 2415  1294  97.8  14.00  35.00  4.0  7
## 2416  1187  97.7   3.20   8.00  4.0  7
## 2417  1171  98.0   6.60  10.00  6.6  7
## 2418  1494  96.6   9.20  12.90  7.1  7
## 2419  2127  98.4  12.40  15.80  7.8  3
## 2420  2488  99.0   5.90  12.80  4.6  2
## 2421  2616 100.0   4.20  32.00  1.3  4
## 2422  1482  98.0   4.30   6.80  6.3  7
## 2423  1294  97.4   4.30   8.80  4.9  7
## 2424  1947  99.4  51.40  72.00  7.1  3
## 2425 14240  99.9  36.70  64.00  5.7  2
## 2426  2254  98.6  18.60  28.00  6.6  3
## 2427   326 100.0  10.00  12.50  8.0  3
## 2428   799  98.2  33.60  48.00  7.0  7
## 2429  2088  98.7   6.30  10.00  6.3  3
## 2430  1909  99.2   8.40  12.00  7.0  3
## 2431  1764  98.8  27.40  40.80  6.7  3
## 2432  1359  97.6  17.70  44.40  4.0  7
## 2433  1312  96.9   8.80  12.60  7.0  7
## 2434  1997  99.5   9.30  12.80  7.3  3
## 2435  2081  99.5   8.60  36.00  2.4  4
## 2436 11073  99.9   9.90  99.00  1.0  4
## 2437 21000  99.8  39.60  79.20  5.0  2
## 2438 31243 100.0  63.90 128.00  5.0  1
## 2439  1876  98.5   8.60  11.00  7.8  3
## 2440  1651  98.4   8.60  12.80  6.7  3
## 2441  9640  99.9  17.40  60.00  2.9  2
## 2442  1838  98.5  12.40  15.80  7.8  3
## 2443  1519  99.5  12.70  22.00  5.8  3
## 2444  1435  99.6  14.40  25.00  5.8  2
## 2445   576  95.7  22.60  68.00  3.3  7
## 2446 42287 100.0 128.00 256.00  5.0  1
## 2447  1078  96.9   4.50   9.00  5.0  7
```

```
## 2448  1337  99.1  18.00  22.80  7.9  3
## 2449  1580  99.2  18.80  23.80  7.9  3
## 2450   671  96.9  48.60  68.00  7.1  7
## 2451  1810  99.7   5.00  10.00  5.0  2
## 2452  1969  99.2  26.80  40.00  6.7  3
## 2453  1690  99.2  20.20  30.00  6.7  3
## 2454  1514  99.1  15.70  22.00  7.1  3
## 2455  1819  98.7  20.20  30.00  6.7  3
## 2456  1512  98.7   8.10  12.80  6.3  3
## 2457 24460  99.9  54.50 109.00  5.0  2
## 2458  1245  99.1   5.60   8.80  6.4  3
## 2459  1471  98.8  19.70  25.00  7.9  3
## 2460  1795  98.2  18.00  23.80  7.6  3
## 2461  1217  96.2   4.00  10.00  4.0  7
## 2462   940  99.5   5.50  13.80  4.0  2
## 2463  1426  97.8  12.50  15.80  7.9  7
## 2464  1359  97.2   3.30  10.00  3.3  7
## 2465   874  99.5   5.50  13.80  4.0  2
## 2466  1101  98.4  19.90  51.20  3.9  7
## 2467   908  96.6   2.60   8.00  3.3  7
## 2468 43823 100.0  13.40  29.80  4.5  2
## 2469  1863  98.7   6.30  10.00  6.3  3
## 2470  1322  99.4   5.60   8.80  6.4  3
## 2471  1723  99.5  10.10  14.80  6.8  3
## 2472  1275  98.2   3.30  10.00  3.3  7
## 2473  1029  97.1   3.20   8.00  4.0  7
## 2474  1256  97.0  29.40  65.40  4.5  7
## 2475 17092  99.8  15.60  19.80  7.9  3
## 2476  1383  97.8   5.50  12.60  7.0  7
## 2477   993  96.8   8.80   8.80  4.9  7
## 2478  1225  99.5   4.30  72.00  6.3  3
## 2479  1084  98.4  45.60  22.00  7.0  3
## 2480   661  96.8  15.40  68.00  3.3  7
```

```
## 2481  1054  98.1  22.60  12.60  4.5  7
## 2482  1572  99.3   5.70  40.00  7.0  3
## 2483  1052  98.3  15.60  19.80  7.9  3
## 2484  1044  98.6  14.50  19.80  7.3  3
## 2485  1781  98.4  16.30  22.80  7.1  3
## 2486 37582 100.0  29.10  39.80  7.3  3
## 2487  1238  97.4  15.99   8.80  4.7  7
## 2488  1520  99.3   4.10   8.00  6.5  3
## 2489  1350  99.2   5.20 102.40  4.0  2
## 2490  1029  98.3  40.90   6.80  6.3  7
## 2491 24030  99.9   4.30  43.20  3.9  2
## 2492  1123  98.0  16.80  12.80  6.7  7
## 2493  1086  97.2   8.60  10.00  3.3  7
## 2494  1888  98.1   3.30  26.00  4.5  7
## 2495  1562  99.6  11.70  16.00  7.0  3
## 2496   975  95.4  11.20  10.00  7.0  7
## 2497  4502 100.0   7.00 194.00  7.7  3
## 2498  1281  98.0 150.00  17.90  5.0  7
## 2499  2434  99.3   8.90 134.40  4.0  2
## 2500  1134  99.4  53.70   8.80  6.7  3
## 2501  4296 100.0   5.90  60.00  5.0  2
## 2502   897  98.1  30.00  76.80  7.2  7
## 2503  1373  99.1   9.10  12.80  7.1  3
## 2504  1222  97.0   4.00  10.00  4.0  7
## 2505  1257  97.5  28.30  36.00  7.9  7
## 2506 53075 100.0   8.10  18.00  4.5  2
## 2507  1098  96.7   7.90  10.00  7.9  7
## 2508 24942 100.0  32.70 112.80  2.9  2
## 2509  1466  98.5  12.50  25.00  5.0  7
## 2510   976  97.3   7.00  10.00  7.0  7
## 2511  1150  98.3  11.80  15.00  7.9  3
## 2512  1157  99.8  11.40  18.00  6.3  3
## 2513   732  95.5   3.20   5.80  5.5  7
```

```
## 2514   1151   99.5   4.20   12.80  3.3  2
## 2515   1223   97.5  42.50   85.00  5.0  7
## 2516  13385   99.9  25.20   64.80  3.9  2
## 2517   1155   99.4   9.40   14.80  6.4  3
## 2518    739   99.6   4.60   13.80  3.3  2
## 2519  11267   99.9 125.00  160.00  7.8  1
## 2520   1136   97.4   4.50    6.80  6.6  7
## 2521   3982  100.0  72.00  144.00  5.0  1
## 2522    889   99.6   5.10   12.80  4.0  2
## 2523   1139   99.4  26.80   40.00  6.7  3
## 2524   1292   99.8  29.00   58.00  5.0  2
## 2525   1358   98.7  35.50   59.20  6.0  3
## 2526   1137   99.2  32.20   48.00  6.7  3
## 2527   1197   99.6  16.00   25.00  6.4  3
## 2528    872   98.6  16.40   23.00  7.1  3
## 2529   1559   99.6   9.20   16.00  5.8  3
## 2530 155284   99.1 109.80  158.40  6.9  1
## 2531   1108   99.1   5.90    8.80  6.7  3
## 2532   1462   99.0   9.30   12.80  7.3  3
## 2533   1162   99.2  10.00   15.00  6.7  3
## 2534   1503   99.4   9.30   12.80  7.3  3
## 2535    935   97.4   7.00   10.00  7.0  7
## 2536   1294   97.1   2.90   10.00  2.9  7
## 2537   1432   98.9 119.80  171.20  7.0  1
## 2538    870   96.3   8.40   12.60  6.7  7
## 2539  10874   99.9  31.20   60.00  5.2  2
## 2540    396   95.5  22.60   68.00  3.3  7
## 2541   1001   98.0   7.20   12.60  5.7  7
## 2542   2086  100.0  17.60   24.00  7.3  3
## 2543   1366   99.0  37.80   60.00  6.3  3
## 2544    741  100.0  15.50   23.80  6.5  3
## 2545   1804   99.2  11.60   14.80  7.8  3
## 2546   9141  100.0  87.50  175.00  5.0  1
```

```
## 2547  1081  97.5   4.00  10.00 4.0 7
## 2548   971  98.5  12.60  19.80 6.4 3
## 2549   880  97.2   5.40   9.00 6.0 7
## 2550  1227  98.9  11.60  14.80 7.8 3
## 2551   899  98.0   7.00  10.00 7.0 7
## 2552   993  98.9   8.10  12.80 6.3 3
## 2553   863  98.6  10.10  12.80 7.9 3
## 2554  1365  99.4  42.00  60.00 7.0 3
## 2555  2212  99.2  19.70  25.00 7.9 3
## 2556   859  98.0   5.30  16.00 3.3 7
## 2557  1395  98.5   6.30  10.00 6.3 3
## 2558   871  99.2  10.50  15.00 7.0 3
## 2559  9465  99.7  25.70  66.00 3.9 2
## 2560  1022  99.1  31.50  48.00 6.6 3
## 2561   870  98.6   9.10  12.80 7.1 3
## 2562  1244  99.2   5.00  12.80 3.9 2
## 2563  1124  97.7   8.80  12.80 6.9 7
## 2564   684  97.1   3.20   5.80 5.5 7
## 2565  1453  99.1  26.80  40.00 6.7 3
## 2566   543  95.6  17.60  44.00 4.0 7
## 2567   904  97.0   1.80   6.50 2.8 7
## 2568   699  99.0   3.30  10.00 3.3 2
## 2569  1063  98.6  12.60  19.80 6.4 3
## 2570  1481  99.1   6.00  10.00 6.0 3
## 2571 27145 100.0  69.00 138.00 5.0 1
## 2572 19879  99.9  29.99 138.00 5.0 2
## 2573   870  98.2  69.00  44.00 4.0 7
## 2574   969  97.6  25.99  24.00 5.0 7
## 2575  1141  97.5  17.60  32.80 3.9 7
## 2576   932  99.4  12.00   8.80 6.7 3
## 2577 12891  99.9  12.70  29.80 5.0 2
## 2578   684  97.1   5.90   9.00 6.0 7
## 2579  1265  97.3  14.90  10.00 2.9 7
```

```
## 2580 10526 99.9  5.40  20.00 6.4 3
## 2581  2112 99.8  2.90  12.80 1.9 4
## 2582   962 99.6 12.80   8.80 6.7 3
## 2583  1458 99.7 49.00  98.00 5.0 2
## 2584   732 99.0  5.50  13.80 4.0 2
## 2585   806 98.0  7.90  19.80 4.0 7
## 2586   765 99.3 30.90  39.20 7.9 3
## 2587   958 98.5  4.30   6.80 6.3 3
## 2588  1342 99.7 11.60  14.80 7.8 3
## 2589  1126 96.4 20.50  28.00 7.3 7
## 2590  1016 99.6 10.50  14.80 7.1 3
## 2591   343 100.0 74.70 149.40 5.0 1
## 2592   247 100.0 87.40 116.00 7.5 1
## 2593   302 100.0 51.20  68.00 7.5 3
## 2594   959 98.9 33.90  59.20 5.7 3
## 2595  1205 99.3 19.80  29.80 6.6 3
## 2596   895 98.7  8.80  12.60 7.0 3
## 2597  1074 97.3  6.40  12.80 5.0 7
## 2598   815 98.0 23.50  29.80 7.9 7
## 2599   910 98.0  7.90  12.60 6.3 7
## 2600  1086 99.3 46.30  63.20 7.3 3
## 2601   898 98.0 12.00  16.80 7.1 7
## 2602  1010 97.5  4.00  10.00 4.0 7
## 2603  6139 99.9 29.60  77.40 3.8 2
## 2604  1447 99.1 14.60  20.00 7.3 3
## 2605   981 97.5 15.30  19.80 7.7 7
## 2606   988 97.9  4.60  13.80 3.3 7
## 2607   931 97.9  5.30  16.00 3.3 7
## 2608  1110 97.0 52.70 135.00 3.9 7
## 2609 14627 99.9 13.70  35.20 3.9 2
## 2610  1037 99.3 12.80  18.00 7.1 3
## 2611  1351 98.2 11.70  26.00 4.5 7
## 2612   840 99.5  3.00   9.00 3.3 2
```

```
## 2613  1101  99.4  12.40  17.90  6.9  3
## 2614   899  98.8   6.30   9.00  7.0  3
## 2615  1291  98.5   4.50  10.00  4.5  7
## 2616  1010  99.4   1.83  25.00  5.8  3
## 2617 94960 100.0  14.40 252.00  5.0  1
## 2618 11058  99.9 126.00 134.40 10.0  1
## 2619  1171  99.1 133.80  50.00  7.1  1
## 2620   920  97.5  35.70  10.00  4.0  7
## 2621  1008  97.5   4.00  14.80  7.3  7
## 2622   919  99.7  10.80  43.20  7.1  3
## 2623 27477  99.9  29.10  39.80  7.3  3
## 2624  1369  98.9  15.99  10.00  6.3  3
## 2625   975  97.4   6.30 144.00  5.8  7
## 2626   615  96.7  82.80  12.80  7.9  7
## 2627   805  97.9  10.10   6.50  2.6  7
## 2628   993  99.4   1.70  14.80  7.8  3
## 2629  1193  98.8  11.60  15.00  7.0  3
## 2630   890  97.5  10.50   6.80  6.8  7
## 2631   788  99.7   4.60  16.80  5.0  2
## 2632   456  99.8   8.40  56.00  7.3  3
## 2633   734  98.8  41.00  25.00  7.9  3
## 2634   752  97.7  19.70  12.60  6.0  7
## 2635   760  98.2   7.50  64.80  4.0  7
## 2636 28380 100.0  25.90 150.00  5.0  2
## 2637  1131  99.6  75.00  22.00  6.6  3
## 2638  1027  98.7  14.60  29.80  7.9  3
## 2639 14141  99.9  23.50  31.20  3.9  2
## 2640  1208  98.8  12.10  12.00  7.8  3
## 2641   864  97.2   9.40   6.50  6.9  7
## 2642  8051  99.8   4.50  59.20  5.0  2
## 2643   814  96.6   6.10   8.80  6.9  7
## 2644  1071  99.5  21.60  54.00  4.0  2
## 2645  1506  99.4  10.20  14.00  7.3  3
```

```
## 2646  30266  100.0  25.30  64.80  3.9  2
## 2647    686   99.7   5.10  12.80  4.0  2
## 2648    719   97.4  14.40  36.00  4.0  7
## 2649    721   98.6   5.10  12.80  4.0  2
## 2650    894   98.8   5.10  12.80  4.0  2
## 2651    927   99.4   4.20  12.80  3.3  2
## 2652    952   99.5   9.90  14.80  6.7  3
## 2653   1071   99.4  12.00  17.90  6.7  3
## 2654    941   98.6  24.80  36.00  6.9  3
## 2655   1303   99.3  17.20  25.80  6.7  3
## 2656  30455  100.0   8.10  18.00  4.5  2
## 2657  53291  100.0  34.00  68.00  5.0  2
## 2658    744   98.5   4.30   6.80  6.3  3
## 2659    819   97.7  10.80  14.80  7.3  7
## 2660    932   97.7   6.70   8.50  7.9  7
## 2661    738   96.9   7.20  12.60  5.7  7
## 2662  21694   99.9  22.80 120.00  1.9  4
## 2663 471304   99.9  71.40 142.80  5.0  8
## 2664 420071   99.9 125.00 250.00  5.0  8
## 2665 345326   99.7  52.50 105.00  5.0  8
## 2666 1032941  99.7  48.00  96.00  5.0 10
## 2667 333941   99.9  50.00 100.00  5.0  8
## 2668  89032   99.9 360.00 720.00  5.0  5
## 2669 296758   99.8  70.80 118.00  6.0  8
## 2670 230838   99.9  50.40 100.80  5.0  8
## 2671   3965   96.2  32.00  80.00  4.0  7
## 2672   9092   99.2  34.30  48.00  7.1  3
## 2673  10490   99.1  30.00  60.00  5.0  2
## 2674  11001   99.5  17.50  35.00  5.0  2
## 2675   9017   98.8  10.90  13.80  7.9  3
## 2676  82144   99.9  16.20  36.00  4.5  2
## 2677   8445   98.2  36.90  79.20  4.7  7
## 2678   7852   98.3  58.60  80.00  7.3  3
```

```
## 2679   9420  97.8  5.80  12.00 4.8 7
## 2680   6586  98.2 32.00  64.00 5.0 7
## 2681  54186  99.9 40.00  80.00 5.0 2
## 2682   5547  99.1 58.60  83.80 7.0 3
## 2683   6411  97.9 35.00  70.00 5.0 7
## 2684   4409  97.7 26.40  60.00 4.4 7
## 2685   5262  97.6  7.20  12.00 6.0 7
## 2686  83844  99.6 60.00 120.00 5.0 2
## 2687   8149  99.0  3.00   5.00 6.0 3
## 2688   7767  98.7  3.10   5.00 6.2 3
## 2689   4653  96.8 40.00  80.00 5.0 7
## 2690   6829  98.9  3.20   5.00 6.4 3
## 2691   4871  96.3  4.00   7.50 5.3 7
## 2692   6084  99.2  1.46   5.00 6.2 3
## 2693 178505  99.9  3.10  25.00 5.0 8
## 2694   3801  98.6 12.50  64.00 6.3 3
## 2695  98086  99.9 40.10 100.00 5.0 2
## 2696 112827  99.9 50.00  20.00 5.0 2
## 2697 165988  99.6 10.00 158.00 5.0 8
## 2698   4422  99.3 79.00  80.00 6.9 3
## 2699   4839  98.1 55.40  58.00 2.7 7
## 2700 128812 100.0 15.40  73.00 5.0 2
## 2701  39004  99.9 36.50  30.00 4.5 2
## 2702   4509  97.8 13.50  10.00 4.0 7
## 2703  89892 100.0 35.70  71.40 5.0 2
## 2704  78399  99.9 22.60  39.80 5.7 2
## 2705   2621  98.3 25.60  96.00 2.7 2
## 2706   3354  98.9 31.10  54.00 5.8 3
## 2707   2654  98.4 27.80  72.00 3.9 7
## 2708   2880  98.5 55.00 110.00 5.0 2
## 2709   2140  96.9 30.50  49.80 6.1 7
## 2710   3402  99.0 12.50  25.00 5.0 2
## 2711   4669  98.8 13.40  19.80 6.8 3
```

```
## 2712   1415  96.7  15.00  45.00  3.3  7
## 2713  75538  99.9  11.30  25.00  4.5  2
## 2714  84795 100.0 135.00 135.00 10.0  1
## 2715   2441  97.1  20.00  50.00  4.0  7
## 2716   2759  98.8   8.10  12.80  6.3  3
## 2717   1162  97.9  40.30  96.00  4.2  7
## 2718   2684  98.7   8.10  12.80  6.3  3
## 2719   3239  98.9  52.80  88.00  6.0  3
## 2720   4659  99.8  12.00  90.00  1.3  4
## 2721 117065 100.0 180.00 180.00 10.0  1
## 2722  23373  99.8  99.50 199.00  5.0  1
## 2723  22941  99.9  66.30 103.60  6.4  1
## 2724   2355  96.9   4.40   8.80  5.0  7
## 2725  76309  99.8   2.00 152.00  6.9  3
## 2726   3078  98.3 105.30 140.00  6.5  1
## 2727 104723  99.8  91.40 198.00  5.0  1
## 2728   2280  99.2  99.00  48.00  7.1  3
## 2729  18363  99.9  34.30 180.00 10.0  3
## 2730   1799  95.4 180.00  10.00  7.2  7
## 2731  40555 100.0   7.20 205.80  7.9  1
## 2732  78401  99.9 162.60  67.20  5.0  1
## 2733   1810  97.2  33.60 120.00  5.0  7
## 2734   1856  98.4  60.00  10.00  3.9  7
## 2735   1748  98.8   3.90  10.00  5.0  2
## 2736   1195  96.6   5.00  56.00  7.1  7
## 2737   2549  98.7  40.00 105.00  6.9  3
## 2738  16443  99.9  72.00  25.00  4.5  2
## 2739   1636  96.8  11.30   8.80  5.0  7
## 2740  17996  99.9   4.40  37.80  6.4  3
## 2741  25138 100.0   2.00 225.00 10.0  3
## 2742   1543  98.8  24.10  19.80  6.7  3
## 2743   1489  98.7 159.30 243.00  6.6  1
## 2744   9470  99.8  39.90 240.90  1.7  1
```

```
## 2745   1126  97.2   4.80  14.50 3.3 7
## 2746   1767  97.5  30.40  78.00 3.9 7
## 2747  51289  99.9  87.90 175.80 5.0 1
## 2748  18312  99.9  93.40 140.00 6.7 1
## 2749   1814  98.6  33.30  59.60 5.6 3
## 2750   1513  98.7  51.00  81.00 6.3 3
## 2751  27992  99.9  33.63  38.80 8.7 3
## 2752  29720  99.9  45.00  90.00 5.0 2
## 2753   1859  97.8  56.00 120.00 4.7 7
## 2754   1397  99.2  12.50  25.00 5.0 2
## 2755  51600 100.0  12.50  25.00 5.0 2
## 2756  10824  99.9  21.60  36.00 6.0 2
## 2757   1338  96.9   7.30  10.00 7.3 7
## 2758  50919  99.9  19.20  33.80 5.7 2
## 2759   1618  98.5  36.00  72.00 5.0 7
## 2760   1321  98.8  21.10  79.20 2.7 2
## 2761   1436  98.1  10.20  13.50 7.6 7
## 2762  29592  99.9 149.00 298.00 5.0 1
## 2763   1835  98.7  52.90  84.00 6.3 3
## 2764    834  97.0   5.40   6.90 7.8 7
## 2765  90559  99.8   2.00 108.00 5.0 2
## 2766  16390  99.9  54.00 128.00 5.0 2
## 2767   1530  98.6  63.90   5.00 6.2 3
## 2768    715  93.7   3.10   7.50 7.9 9
## 2769   1548  98.7   5.90  72.00 5.0 2
## 2770   4041  99.9  36.00 897.00 7.9 5
## 2771   1462  97.5 708.70   6.00 5.0 6
## 2772 443249  99.9   3.00 978.80 5.0 5
## 2773   1494  97.2 489.40   8.80 5.0 6
## 2774  19042 100.0   4.40 160.00 5.0 2
## 2775  13644  99.9   2.00  88.00 1.9 4
## 2776  10188  99.9  80.00  88.00 5.6 2
## 2777  41992  99.4  16.70  96.00 7.9 3
```

```
## 2778  1160  97.2  49.20  10.00  7.2  7
## 2779   999  97.5  75.80   6.00  4.0  7
## 2780  1571  97.6   7.20  72.00  5.0  7
## 2781   627  96.7   2.40 110.00  5.5  7
## 2782  2720  99.2  36.00  88.20  5.0  2
## 2783  9269  99.8  34.00  68.00  5.0  2
## 2784  1485  98.2  23.80  34.00  7.0  7
## 2785  1548  99.2 105.00 150.00  7.0  1
## 2786  2476  99.8  63.90 128.00  5.0  1
## 2787 10304  99.7  65.00 120.14  5.4  1
## 2788 10831 100.0  15.50  23.80  6.5  3
## 2789  1194  96.8   4.90   9.90  4.9  7
## 2790  1120  99.4   8.80  12.80  6.9  3
## 2791  1364 100.0  34.00  68.00  5.0  2
## 2792   978  99.0  48.00 120.00  4.0  2
## 2793   617  96.9  31.20  78.00  4.0  7
## 2794  1707  99.9 122.10 158.00  7.7  1
## 2795  1156  98.3  31.60  79.20  4.0  7
## 2796 16915 100.0  48.00  96.00  5.0  2
## 2797  1789  99.6  19.50  24.80  7.9  3
## 2798  1516  99.0  35.10  78.00  4.5  2
## 2799  9353  99.9 382.40 597.60  6.4  5
## 2800   607  98.8  30.20  48.00  6.3  3
## 2801  1623  98.1  10.00  15.00  6.7  7
## 2802  1372  98.8  36.20  64.80  5.6  2
## 2803  1465  98.9  14.90  29.80  5.0  2
## 2804  1513  99.7  19.50  24.80  7.9  3
## 2805 49885  99.8 158.40 237.60  6.7  1
## 2806 34079 100.0  34.00  68.00  5.0  2
## 2807  1432  99.3   7.10  10.00  7.1  3
## 2808  2464 100.0 158.50 317.00  5.0  1
## 2809  1356  99.6   5.80   8.00  7.3  3
## 2810   722  97.8   2.40   6.00  4.0  7
```

```
## 2811  1454  99.9  98.90  128.00  7.7  1
## 2812  1015  98.4   3.10    5.00  6.2  7
## 2813   827  96.9   7.30   10.00  7.3  7
## 2814 18717  99.7 151.60  192.00  7.9  1
## 2815  7126  99.9  71.10   92.00  7.7  3
## 2816  1062  98.2   9.80   25.00  3.9  7
## 2817   744  96.6   1.20    6.00  2.0  7
## 2818  1186  98.8  60.40  105.00  5.8  3
## 2819   958  97.3   8.50   12.00  7.1  7
## 2820   943  99.4  16.80   24.90  6.7  3
## 2821   864  97.3   7.30   10.00  7.3  7
## 2822  5499  99.8 247.10  386.20  6.4  5
## 2823  1319  98.3   8.80   12.00  7.3  3
## 2824   740  94.7   4.00   10.00  4.0  7
## 2825   591 100.0  67.80   90.00  7.5  3
## 2826  1978  98.7  11.80   19.80  6.0  3
## 2827   675  98.2   3.00    6.90  4.3  7
## 2828   956  98.7   2.00  106.80  4.0  2
## 2829  1160  99.3  42.70   29.80  5.6  2
## 2830   518  96.9  16.60  120.00  4.0  7
## 2831  3059  99.7  48.00   39.80  5.0  2
## 2832  1044  98.9  19.90   29.80  6.6  3
## 2833 61454  99.0  19.80  320.00  5.0  1
## 2834   736  98.4 160.00   72.00  7.1  1
## 2835 34001  99.9  51.40  110.00  5.0  2
## 2836   502  95.2  55.00    9.00  7.1  7
## 2837  2015  99.9   6.40   75.00  3.9  2
## 2838   627  97.9  29.30    6.00  4.0  7
## 2839  1102  99.7   2.40   24.80  7.9  3
## 2840   714  99.0  19.50   88.00  6.7  3
## 2841   677  97.5  59.10    6.00  4.0  7
## 2842   581  98.1   2.40    6.00  4.0  7
## 2843   475  97.7   1.60    6.00  2.7  7
```

```
## 2844   877  98.7   7.10  17.80 4.0 2
## 2845   686  97.2  80.60 128.00 6.3 7
## 2846   650  99.7  54.80  80.00 6.9 3
## 2847  1044  99.4   8.90  17.90 5.0 2
## 2848  8622  99.9  37.50  75.00 5.0 2
## 2849   871  98.3  19.95  13.50 7.9 3
## 2850 17100  99.9  10.60  25.00 5.0 2
## 2851 13161 100.0  12.50 100.00 5.0 2
## 2852   669  97.9  50.00  48.00 7.1 7
## 2853  7220 100.0  34.30  99.00 2.9 2
## 2854   797  97.6  28.70  12.00 7.3 7
## 2855  6920  99.9   8.80 100.00 4.0 2
## 2856   596  98.2  40.00 108.00 6.0 7
## 2857  1152  98.0  64.80  15.00 7.0 7
## 2858   744  99.3  10.50   5.00 6.2 3
## 2859   926  98.3   3.10  39.80 2.0 4
## 2860   710  98.0   7.90  50.00 5.1 7
## 2861   738  97.8  25.30  12.00 4.0 7
## 2862   483  95.2   4.80   8.50 4.0 7
## 2863 16537  99.9  99.50 199.00 5.0 1
## 2864 18629  99.9  24.99 145.00 5.0 2
## 2865  6332  99.9  72.50 144.00 6.7 1
## 2866   613  96.1  96.00  20.00 6.9 7
## 2867  6425  99.9  13.80 119.20 5.6 2
## 2868   843  98.8  66.70  48.00 7.9 3
## 2869   473  97.0  37.90  13.80 7.1 7
## 2870   278  94.2   9.80  45.00 5.6 9
## 2871  4435  99.7  25.20  10.00 2.6 2
## 2872   437  97.0   2.60 120.00 6.7 7
## 2873   469  98.9  80.00  70.00 6.5 3
## 2874   628  98.1  45.70   5.00 6.2 7
## 2875  2553  99.6   3.10  50.00 7.3 3
## 2876   661  99.5  36.60  19.90 6.7 3
```

```
## 2877  6362  100.0  13.40  128.00  6.7  3
## 2878   724   98.8  85.30    8.00  5.0  2
## 2879   724   98.8   4.00    5.00  6.0  3
## 2880   816   97.4   3.00   12.00  2.3  7
## 2881   167  100.0   2.80  298.80  5.0  1
## 2882  9946  100.0 149.40   20.00  5.0  1
## 2883 20652   99.7  79.00  158.00  5.0  1
## 2884   983   98.8  20.50   29.80  6.9  3
## 2885 10177   99.9 133.00  266.00  5.0  1
## 2886   780   98.5  11.80   19.80  6.0  7
## 2887   777   99.4  14.00   20.00  7.0  3
## 2888   688   97.8   4.00    8.00  5.0  7
## 2889 13609  100.0   2.00  298.80  5.0  1
## 2890   479   98.7 149.40   24.90  6.7  1
## 2891   458   98.0  89.99    6.90  4.3  7
## 2892 10169  100.0  16.80   20.00  5.0  2
## 2893   453   97.6   3.00    6.00  4.0  7
## 2894   675   98.4   2.00   15.00  5.8  7
## 2895  1039   99.5  10.00   13.80  7.1  3
## 2896   672   99.1   2.40   50.00  6.7  3
## 2897   628   98.2   8.70   38.40  7.0  7
## 2898   617   99.0   9.80    5.00  6.4  3
## 2899   617   99.2  33.30   48.00  7.9  3
## 2900 13088  100.0  26.80   88.80  5.0  2
## 2901   611   99.0   3.20   12.80  7.9  3
## 2902   694   98.8  37.70   75.20  7.1  3
## 2903 13020  100.0  17.50   35.00  5.0  2
## 2904  2326   99.4  30.20   67.00  4.5  2
## 2905   575   99.3   7.40   12.80  5.8  3
## 2906   773   98.1  10.50   15.00  7.0  7
## 2907   693   99.4   5.80    8.00  7.3  3
## 2908  7330   99.9 177.70  225.00  7.9  1
## 2909   554   98.0   9.80   13.80  7.1  7
```

```
## 2910   4374  99.9  20.00  30.00  6.7  3
## 2911   1033  99.8 225.40 299.00  7.5  1
## 2912    731  98.6  13.20  24.90  5.3  7
## 2913    471  96.8  10.40  15.00  6.9  7
## 2914    526  97.5   6.70   8.50  7.9  7
## 2915    972  99.2  17.00  26.80  6.3  3
## 2916    610  99.0   7.10  10.80  6.6  3
## 2917    688  99.1  13.90  24.90  5.6  2
## 2918    575  97.4  26.80  38.40  7.0  7
## 2919    389  95.6   1.50   5.00  3.0  7
## 2920   7432  99.9  36.00  54.00  6.7  3
## 2921   2775  99.9  80.00 120.00  6.7  1
## 2922  14313 100.0  75.00 150.00  5.0  1
## 2923    217  97.2 598.80 998.00  6.0  5
## 2924    604  97.5   6.00  12.00  5.0  7
## 2925    587  96.1  83.20 185.00  4.5  7
## 2926    449 100.0  95.00 214.20  4.4  1
## 2927    519  97.3   3.40   8.50  4.0  7
## 2928    885  98.8   3.40   6.90  4.9  2
## 2929 244174 100.0 191.60 342.20  5.6  5
## 2930    525  99.2   7.40  12.80  5.8  3
## 2931  19138 100.0 228.00 300.00  7.6  1
## 2932    581  99.5   7.10  10.80  6.6  3
## 2933    516  96.7   3.40   8.50  4.0  7
## 2934    426  98.8   5.40   6.90  7.8  3
## 2935    494  97.2   2.00   8.50  4.0  7
## 2936    594  99.8   3.40  81.00  6.3  3
## 2937    541  99.4  51.00  12.80  6.6  3
## 2938    749  98.9   8.50  19.80  7.9  3
## 2939    444  98.4  15.60  13.80  7.1  3
## 2940    630  99.0   9.80   8.00  5.0  2
## 2941    559  97.5   4.00   9.80  6.8  7
## 2942    446  97.3   6.70   8.50  4.0  7
```

```
## 2943   475  96.6  3.40   8.50 4.0 7
## 2944   506  96.4  3.40   8.50 4.0 7
## 2945  4495  99.9 11.30  25.00 4.5 2
## 2946   648  98.1 89.60 128.00 7.0 1
## 2947   804  99.1 40.40  51.20 7.9 3
## 2948   456  97.4  2.20   8.50 2.6 7
## 2949   527  97.7 13.00  18.80 6.9 7
## 2950   339  97.6 28.30  45.00 6.3 7
## 2951   682  98.4  6.50   9.90 6.6 3
## 2952   873  99.2 11.20  16.00 7.0 3
## 2953   501  97.4  3.40   8.50 4.0 7
## 2954   328  96.6  2.50   5.00 5.0 7
## 2955   447  99.6  9.60  36.00 2.7 2
## 2956   381  96.9  6.40  16.00 4.0 7
## 2957  3911  99.9 26.10  90.00 2.9 2
## 2958   519  98.7 25.70  36.00 7.1 3
## 2959   547  99.8  6.70  10.80 6.2 3
## 2960   500  97.0 66.20 110.40 6.0 7
## 2961  2259  99.6 13.40  67.00 2.0 4
## 2962   600  95.5 33.30  50.00 6.7 7
## 2963   790  98.9 11.20  16.00 7.0 3
## 2964   492  96.5  5.10   6.50 7.8 7
## 2965   721  99.4  3.10   5.00 6.2 3
## 2966   443  98.4  7.10  10.80 6.6 3
## 2967   418  99.3 10.30  14.90 6.9 3
## 2968   767  98.7  5.50   7.80 7.1 3
## 2969   638  99.8  8.90  17.90 5.0 2
## 2970   558  99.3  8.90  17.90 5.0 2
## 2971   607  98.2 15.60  19.80 7.9 3
## 2972   550  98.9  7.10  10.80 6.6 3
## 2973  1670  99.8 72.00 108.00 6.7 1
## 2974   647  98.5  5.40  10.80 5.0 7
## 2975  8230 100.0 71.10  90.00 7.9 3
```

```
## 2976   505  98.8  60.30  88.00  6.9  3
## 2977   172  97.7  28.00  39.20  7.1  7
## 2978   294  96.6  13.20  16.80  7.9  7
## 2979   358  97.8  12.70  18.90  6.7  7
## 2980   829  99.0  10.60  16.00  6.6  3
## 2981   559  99.1   4.00   8.00  5.0  2
## 2982   494  97.2   7.50  15.00  5.0  7
## 2983   358  98.0   6.80  13.90  4.9  7
## 2984   326  96.6  34.30  48.00  7.1  7
## 2985   501  99.6  26.40  48.00  5.5  2
## 2986  4392  99.9  31.80  81.60  3.9  2
## 2987   378  99.5  10.30  14.90  6.9  3
## 2988   606  98.5   5.00   9.00  5.6  7
## 2989   501  99.0   2.00 128.00  7.1  3
## 2990   783  99.0  91.50   9.00  6.7  3
## 2991   432  97.2   6.00  72.00  7.9  7
## 2992   415  96.6   3.00  10.00  4.0  7
## 2993   515  98.1  56.60  72.00  6.5  7
## 2994 10408  99.9   4.00  25.00  5.0  2
## 2995   565  98.2  47.00  19.80  4.0  7
## 2996   372  98.7  12.50   9.90  6.3  3
## 2997   581  98.6   7.90   8.00  5.0  7
## 2998   730  98.8   6.20  12.00  7.8  3
## 2999   367  95.6   4.00  15.00  4.0  7
## 3000  1313  99.9   9.40 299.00  7.5  1
## 3001   547  98.9   6.00   9.00  7.0  3
## 3002   694  98.3 225.40   5.00  7.2  1
## 3003   190  97.9  30.20  60.00  5.0  7
## 3004 34353  99.8  18.40  36.80  5.0  2
## 3005 11933 100.0  15.20  26.80  5.7  2
## 3006   488  99.0   7.10  10.80  6.6  3
## 3007  4333  99.9  16.20  36.00  4.5  2
## 3008  6811  99.9 156.00 225.00  6.9  1
```

```
## 3009   8234  99.9  58.00  116.00  5.0  2
## 3010    833  99.3   9.20   16.00  5.8  3
## 3011    400  99.3   3.10    5.00  6.2  3
## 3012    470  98.7  12.60   20.00  6.3  3
## 3013    483  98.8   7.90   19.80  4.0  2
## 3014    587  97.3   4.70    6.00  7.8  7
## 3015    791  99.1   6.90   13.80  5.0  2
## 3016   5773  99.9  58.00  116.00  5.0  2
## 3017  62931  99.9  18.40   36.80  5.0  2
## 3018    120  93.3  75.80   96.00  7.9  9
## 3019    930 100.0 248.00  496.00  5.0  5
## 3020    182  98.4  39.90   79.20  5.0  7
## 3021    120  90.8  51.00   85.00  6.0  9
## 3022    362  97.8   6.40   16.00  4.0  7
## 3023    359  95.5  32.00   80.00  4.0  7
## 3024   5737  99.9 610.70  810.00  7.5  5
## 3025   5814 100.0  75.60  168.00  4.5  1
## 3026    422  97.4  43.20   72.00  6.0  7
## 3027    502  97.8   6.50    9.90  6.6  7
## 3028    445  98.0   6.70    8.50  7.9  7
## 3029  14275 100.0  12.50   25.00  5.0  2
## 3030   9106  99.9  22.60   39.80  5.7  2
## 3031    292  98.3  12.80   18.00  7.1  3
## 3032    590  99.0   4.70    6.90  6.8  3
## 3033    359  98.3   9.40   18.80  5.0  7
## 3034    265  96.6   3.50    5.00  7.0  7
## 3035   5814  99.9  30.40   78.00  3.9  2
## 3036    299  98.0   2.50    5.00  5.0  7
## 3037    214  95.3  10.50   15.00  7.0  7
## 3038    372  97.3   3.50    5.00  7.0  7
## 3039   1204  99.9 225.40  299.00  7.5  1
## 3040   2779  99.9   9.40   13.80  6.8  3
## 3041 216124 100.0  92.40  168.00  5.5  8
```

```
## 3042 13630 99.9 28.00 200.00 1.4 4
## 3043 163 100.0 45.30 72.00 6.3 3
## 3044 482 99.4 19.80 29.80 6.6 3
## 3045 14127 100.0 12.50 25.00 5.0 2
## 3046 3218 99.8 140.10 298.00 4.7 1
## 3047 28251 99.8 94.00 188.00 5.0 1
## 3048 246 98.4 3.40 5.00 6.8 3
## 3049 477 99.4 60.70 96.00 6.3 3
## 3050 20266 99.6 60.00 120.00 5.0 2
## 3051 595 99.0 3.40 6.90 4.9 2
## 3052 290 96.2 4.00 10.00 4.0 7
## 3053 347 97.7 7.90 12.00 6.6 7
## 3054 3255 99.9 71.40 142.80 5.0 1
## 3055 390 99.0 3.10 5.00 6.2 3
## 3056 428 99.1 19.80 29.80 6.6 3
## 3057 321 96.6 4.70 6.50 7.2 7
## 3058 508 99.2 3.40 6.90 4.9 2
## 3059 533 98.7 12.70 18.50 6.9 3
## 3060 330 97.3 4.80 6.80 7.1 7
## 3061 7455 99.9 10.00 20.00 5.0 2
## 3062 837 99.6 41.00 82.00 5.0 2
## 3063 403 99.3 12.00 17.90 6.7 3
## 3064 497 98.4 4.10 9.00 4.6 7
## 3065 11684 100.0 42.50 85.00 5.0 2
## 3066 1864 99.6 2.40 9.00 2.7 2
## 3067 1817 99.9 23.50 36.00 6.5 3
## 3068 108 90.7 66.20 98.00 6.8 9
## 3069 311 96.1 7.10 9.00 7.9 7
## 3070 601 98.7 4.70 6.90 6.8 3
## 3071 5789 99.5 183.40 275.20 6.7 1
## 3072 6872 99.9 12.50 25.00 5.0 2
## 3073 26611 99.4 94.80 158.00 6.0 1
## 3074 322 98.1 41.60 78.00 5.3 7
```

```
## 3075   275  99.6  12.70  18.90  6.7  3
## 3076   258 100.0  70.50 108.00  6.5  1
## 3077  8906  99.9  12.50  25.00  5.0  2
## 3078   433  98.6   7.90  19.80  4.0  2
## 3079   364  97.3   4.20   8.00  5.3  7
## 3080   335  97.9   2.00  10.00  7.8  7
## 3081   405  98.5   7.80  99.00  7.0  3
## 3082  5695  99.9  69.30 139.00  5.0  1
## 3083   590  99.5   8.70  15.00  5.8  3
## 3084   280  98.2   7.90  12.00  6.6  7
## 3085   273  97.8   4.70   6.50  7.2  7
## 3086   343  99.7  26.10  52.20  5.0  2
## 3087  5539  99.9  35.50  45.00  7.9  3
## 3088   444  98.6  12.60  20.00  6.3  3
## 3089   521  99.4   4.60   6.90  6.7  3
## 3090   653  99.1  61.10  90.00  6.8  3
## 3091  2174  99.9  78.70 131.20  6.0  1
## 3092  7998 100.0  82.00 164.00  5.0  1
## 3093  1301  99.5  90.00 250.00  3.6  1
## 3094   416  99.8  80.60 128.00  6.3  1
## 3095   413  98.1   3.50   8.80  4.0  7
## 3096  2259  99.7   6.00  12.00  5.0  2
## 3097   781  99.5 174.60 388.00  4.5  5
## 3098   254  99.6   3.50   8.80  4.0  2
## 3099   241  98.8  43.20  72.00  6.0  3
## 3100   285  97.9   5.70   8.00  7.1  7
## 3101   217  97.7   7.90  12.00  6.6  7
## 3102  6825  99.9 127.60 168.00  7.6  1
## 3103   650  99.2   3.40   6.90  4.9  2
## 3104   288  96.9   3.30   5.00  6.6  7
## 3105   311  99.0   3.50   8.80  4.0  2
## 3106  3987  99.9  24.70  32.00  7.7  3
## 3107 26782  99.9 118.80 237.60  5.0  1
```

```
## 3108   215  98.1  43.90  64.00  6.9  7
## 3109  1099  99.7   3.10   8.00  3.9  2
## 3110   236  97.0   3.30   5.00  6.6  7
## 3111   374  97.9   6.50   9.90  6.6  7
## 3112   215  99.1   2.50   3.50  7.1  3
## 3113   217  94.0   7.90  10.00  7.9  9
## 3114  6661 100.0  29.50  59.00  5.0  2
## 3115  3769  99.5  21.40  35.00  6.1  3
## 3116   215  97.7   3.30  10.00  3.3  7
## 3117   322  99.7  12.00  17.90  6.7  3
## 3118   435  98.4   7.90  19.80  4.0  7
## 3119   356  97.2   4.40   8.00  5.5  7
## 3120   315  98.1   5.70   8.00  7.1  7
## 3121   458  99.3  45.00  96.00  4.7  2
## 3122   255  97.3   3.50   5.00  7.0  7
## 3123   310  97.7   5.20  19.80  2.6  7
## 3124   319  97.8   7.90  19.80  4.0  7
## 3125   261  95.8   3.70   7.50  4.9  7
## 3126   108 100.0 525.00 810.00  6.5  5
## 3127  4173 100.0  58.20  84.00  6.9  3
## 3128  3095  99.9  38.50  49.80  7.7  3
## 3129  1493  99.8  55.70  78.00  7.1  3
## 3130   316  99.4  10.60  13.50  7.9  3
## 3131  7210  99.9  63.90 128.00  5.0  1
## 3132   262  97.7   6.50   9.90  6.6  7
## 3133   253  96.8   3.50   5.00  7.0  7
## 3134  4431 100.0  57.70 199.00  2.9  1
## 3135  7470 100.0  74.00 148.00  5.0  1
## 3136   401  99.8   6.00  12.00  5.0  2
## 3137 15353 100.0  16.00  32.00  5.0  2
## 3138   287  99.3   3.50   8.80  4.0  2
## 3139   273  97.8   3.50   5.00  7.0  7
## 3140   422  98.8   9.40  12.00  7.8  3
```

```
## 3141      85  92.9   7.00   9.80 7.1 9
## 3142     370  97.8  17.50  25.00 7.0 7
## 3143    4194 100.0  29.25  45.00 6.5 3
## 3144     218  98.6  64.60  99.00 6.5 3
## 3145      73  95.9   3.00   3.90 7.7 7
## 3146    5580  99.9  29.25  45.00 6.5 3
## 3147     253  98.4   3.30   5.00 6.6 3
## 3148     264  98.9  10.60  14.80 7.2 3
## 3149     277  98.2   5.10  12.80 4.0 7
## 3150    5985 100.0  10.00  20.00 5.0 2
## 3151    3055  99.9  88.00 176.00 5.0 1
## 3152    7011 100.0  22.60  39.80 5.7 2
## 3153    1345  99.5 124.00 248.00 5.0 1
## 3154     375  99.7   2.70   5.90 4.6 2
## 3155   35440  99.8  18.40  36.80 5.0 2
## 3156     204  98.0   2.50   5.00 5.0 7
## 3157     224  97.8   2.50   3.50 7.1 7
## 3158     451  99.6  12.80  18.00 7.1 3
## 3159     136  97.1  22.50  45.00 5.0 7
## 3160     371  98.9   4.60   6.90 6.7 3
## 3161     230  97.8   3.80   6.50 5.8 7
## 3162     224  96.4   6.30   9.00 7.0 7
## 3163   16117  99.2  16.80  25.80 6.5 3
## 3164   63303  99.9  40.00  80.00 5.0 2
## 3165  261609  99.9 165.00 330.00 5.0 8
## 3166    6840  98.3  28.50  68.00 4.2 7
## 3167    5291  99.2 101.10 180.60 5.6 1
## 3168    6443  99.3  16.00  32.00 5.0 2
## 3169    5585  99.5  63.90 128.00 5.0 1
## 3170    4360  99.2  17.20  25.80 6.7 3
## 3171    3675  96.9  34.00  68.00 5.0 7
## 3172   63630  99.9 359.10 798.00 4.5 5
## 3173  102033  99.6  75.00 150.00 5.0 1
```

```
## 3174  77608  99.9  99.50  199.00  5.0  1
## 3175  60028  99.9  17.99   99.80  5.0  2
## 3176   3229  98.8  49.90   28.80  6.9  3
## 3177   2981  98.3  19.90   75.20  4.2  7
## 3178   3717  99.1  31.50   25.80  6.5  3
## 3179  69142  99.9  16.80  120.00  5.0  2
## 3180   3073  96.9  60.00  195.20  4.0  7
## 3181   2824  99.0  78.00   28.80  6.7  3
## 3182   2372  99.1  19.40   25.80  4.0  2
## 3183  33035  99.9  96.00  192.00  5.0  1
## 3184   2592  98.3  81.60  136.00  6.0  1
## 3185  28642  99.8  16.80  100.00  1.7  4
## 3186   2996  98.8  85.80  120.00  7.2  1
## 3187   3307  98.7  31.80   56.80  5.6  3
## 3188   1795  99.9 210.30  272.00  7.7  1
## 3189   5035  99.8   9.30   32.00  2.9  2
## 3190   1960  97.4  38.60   58.00  6.7  7
## 3191  24934  99.9  49.00   98.00  5.0  2
## 3192   2837  98.3  39.00   78.00  5.0  7
## 3193   2530  99.4  17.70   25.80  6.9  3
## 3194   4943  99.6  18.40   36.80  5.0  2
## 3195   2139  98.5  19.40   28.80  6.7  3
## 3196   5843  99.8  61.00   88.00  6.9  3
## 3197   1491  97.5   7.50   18.80  4.0  7
## 3198   2312  99.0  17.70   25.80  6.9  3
## 3199   1477  99.3  45.90   68.00  6.8  3
## 3200   2839  99.9 149.30  224.00  6.7  1
## 3201  21005  99.9  54.00  108.00  5.0  2
## 3202   3655  99.4  66.50   99.80  6.7  3
## 3203  14813  99.9 164.50  329.00  5.0  1
## 3204   2035  97.2  43.50   68.00  6.4  7
## 3205  11676  99.8 125.30  188.00  6.7  1
## 3206   1293  97.4  78.55   18.60  6.7  7
```

```
## 3207  1504  98.2  12.40  68.00  6.0  7
## 3208  1931  99.3  40.80  79.60  4.0  2
## 3209  1507  98.6  31.80  83.20  6.7  3
## 3210  1567  98.4  55.40  28.80  3.9  7
## 3211  1386  98.8  11.20  98.00  4.0  2
## 3212  3180  99.6  39.20 128.00  5.8  2
## 3213  1172  96.4  73.70  18.80  4.0  7
## 3214 12066 100.0   7.50  15.00  5.7  2
## 3215  1692  98.6   8.50  26.80  7.9  3
## 3216  1050  96.6   4.50  53.60  4.0  7
## 3217  1493  98.4  21.10  68.00  6.0  7
## 3218  6458  99.3  21.40 158.00  5.0  2
## 3219  1313  98.1  40.80  82.80  4.0  7
## 3220  1118  96.6  79.00  79.20  2.0  7
## 3221  1438  98.7  33.10  79.80  5.8  3
## 3222  1399  97.7  15.80  48.00  6.3  7
## 3223  1568  99.6 104.80 187.20  5.6  1
## 3224  1102  99.1  10.30  25.80  4.0  2
## 3225  4025  99.6  19.90  39.80  5.0  2
## 3226  1064  97.0  38.60  58.00  6.7  7
## 3227 21454 100.0 208.00 416.00  5.0  5
## 3228  6294  99.9  29.90  59.80  5.0  2
## 3229 17412  99.9  39.30  49.80  7.9  3
## 3230 12455  99.8  35.40  60.00  5.9  2
## 3231  1149  98.4  15.40  43.80  3.5  2
## 3232  2607 100.0 157.80 209.40  7.5  1
## 3233  7037  99.0  93.80 128.00  7.3  1
## 3234  1215  99.2  41.20  68.80  6.0  3
## 3235  3238  99.6  34.40  68.80  5.0  2
## 3236  3853  99.2 148.60 188.00  7.9  1
## 3237  5072  99.8  45.30  68.00  6.7  3
## 3238 28006  99.9  63.90 128.00  5.0  1
## 3239 57574  99.9 137.90 199.00  6.9  1
```

```
## 3240  1037  99.5  46.00  115.20  4.0  2
## 3241  1052  98.6  35.20   48.00  7.3  3
## 3242 10317  99.8  38.00   76.00  5.0  2
## 3243 14681  99.8 149.00  298.00  5.0  1
## 3244   628  98.7   5.50   13.80  4.0  2
## 3245 17226  99.8 116.00  232.00  5.0  1
## 3246 31693  99.9  50.00  100.00  5.0  2
## 3247  1156  97.6  13.20   22.00  6.0  7
## 3248 12092  99.9  29.90   59.80  5.0  2
## 3249 32806  99.8 137.60  275.20  5.0  1
## 3250  8921 100.0 119.60  239.20  5.0  1
## 3251   689  98.8  41.40   58.00  7.1  3
## 3252   988  98.3  12.50   18.80  6.6  7
## 3253   593  97.8  75.10  119.20  6.3  7
## 3254   546  99.3 151.60  232.20  6.5  1
## 3255  7192  99.9  48.20  171.20  2.8  2
## 3256 83629  99.7  79.00  158.00  5.0  1
## 3257 13254  99.9  49.90   99.80  5.0  2
## 3258 54555  99.8  34.40   68.80  5.0  2
## 3259   968  99.3  10.30   25.80  4.0  2
## 3260   349 100.0 268.50  358.00  7.5  5
## 3261  7016 100.0 138.00  276.00  5.0  1
## 3262   896  98.9  33.40   79.60  4.2  2
## 3263  1308  98.4   7.50   26.00  2.9  2
## 3264   246  98.0  63.90  128.00  5.0  7
## 3265   811  98.9  18.40   43.80  4.2  2
## 3266  9885  99.9  29.90   59.80  5.0  2
## 3267  2391  99.5  68.20  128.00  5.3  1
## 3268   913  99.8   8.60   25.80  3.3  2
## 3269  1694 100.0  62.20  159.60  3.9  1
## 3270   925  99.5  43.00  215.00  2.0  1
## 3271  2605  99.5  66.00  187.20  3.5  1
## 3272   636  96.5  25.20   40.00  6.3  7
```

```
## 3273   516  97.3  13.20  39.60 3.3 7
## 3274   704  97.7  37.80  60.00 6.3 7
## 3275  2597  99.7  84.00 168.00 5.0 1
## 3276  9610 100.0  29.90  59.80 5.0 2
## 3277  3243  99.8  39.60  99.80 4.0 2
## 3278  7458  99.9  54.00 108.00 5.0 2
## 3279  7989  99.9  39.80  59.80 6.7 3
## 3280   766  99.0  20.10  28.80 7.0 3
## 3281   450  99.1  23.50  29.80 7.9 3
## 3282  4076  99.6 146.00 292.00 5.0 1
## 3283   632  97.0   8.60  12.50 6.9 7
## 3284  2539  99.4  68.00 136.00 5.0 1
## 3285   579  97.9  13.00  18.60 7.0 7
## 3286   348  99.7  58.20 104.00 5.6 2
## 3287  5035  99.8  69.00 260.00 2.7 1
## 3288   473  96.8  17.60  42.00 4.2 7
## 3289  4499  99.9  65.00 130.00 5.0 1
## 3290 11008  99.9 156.00 312.00 5.0 1
## 3291   465  98.5  12.40  15.80 7.8 3
## 3292   456  96.7   8.60  12.50 6.9 7
## 3293   625  97.6  12.50  18.80 6.6 7
## 3294 21484  99.9  49.00  98.00 5.0 2
## 3295   579  97.4   5.50  13.80 4.0 7
## 3296 10466  99.8  34.90  69.80 5.0 2
## 3297  3837  99.8 170.10 232.00 7.3 1
## 3298   425  99.1  23.50  29.80 7.9 3
## 3299  1083  97.7  88.10 128.00 6.9 7
## 3300   708  99.3  12.50  18.80 6.6 3
## 3301   478  98.5  12.40  15.80 7.8 3
## 3302   495  97.0  12.40  15.80 7.8 7
## 3303   816  98.8  10.30  25.80 4.0 2
## 3304  6129  99.8 129.00 258.00 5.0 1
## 3305 15032 100.0  66.80  88.00 7.6 3
```

```
## 3306  12968  99.9  160.10  320.20  5.0  1
## 3307    590  98.1   12.40   15.80  7.8  7
## 3308    378  97.6    7.50   18.80  4.0  7
## 3309   6742 100.0   39.80   59.80  6.7  3
## 3310  14203 100.0  122.10  178.00  6.9  1
## 3311  24173 100.0   66.80   88.00  7.6  3
## 3312    486  97.5   18.00   36.00  5.0  7
## 3313  17938  99.9   49.00   98.00  5.0  2
## 3314   4934  99.8   48.00   96.00  5.0  2
## 3315    661  99.4   14.30   20.00  7.2  3
## 3316   1686  99.4  119.80  239.20  5.0  1
## 3317   5123  99.9   48.50  108.00  4.5  2
## 3318  10676  99.9  348.90  488.00  7.1  5
## 3319    476  97.7    8.60   12.50  6.9  7
## 3320    494  98.0    8.60   12.50  6.9  7
## 3321    405  98.8   12.40   15.80  7.8  3
## 3322    613  98.9   20.30   25.80  7.9  3
## 3323    470  97.4   14.20   19.90  7.1  7
## 3324    168 100.0   64.20   99.80  6.4  3
## 3325    438  97.3   20.00   28.00  7.1  7
## 3326    714  98.7   12.50   18.80  6.6  3
## 3327   1106  99.0  115.00  188.00  6.1  1
## 3328   6360  99.9   29.90   59.80  5.0  2
## 3329   2078  99.2  116.40  168.00  6.9  1
## 3330    588  98.8   80.00  112.00  7.1  3
## 3331   4770 100.0   74.00  148.00  5.0  1
## 3332    603  99.3   17.60   28.00  6.3  3
## 3333   7665  99.8   49.00  464.40  1.1  1
## 3334    271  99.6   21.30   29.80  7.1  3
## 3335    586  98.6   12.40   15.80  7.8  3
## 3336    497  98.8   22.40   67.20  3.3  2
## 3337   2589  99.7   59.80  438.60  1.4  1
## 3338   1780  99.8  149.00  298.00  5.0  1
```

```
## 3339  6383  99.8  45.00  199.00  2.3  1
## 3340  2881  99.8  92.00  184.00  5.0  1
## 3341   592  98.5   9.40   15.00  6.3  3
## 3342   197  96.4  33.60   49.80  6.7  7
## 3343   376  98.9   5.10   26.80  1.9  4
## 3344   120 100.0  35.00  150.00  2.3  2
## 3345   341  99.7  64.50   88.00  7.3  3
## 3346   578  98.6  13.70   32.80  4.2  2
## 3347   640  98.6   8.30   12.80  6.5  3
## 3348   382  96.9   8.70   12.80  6.8  7
## 3349  2649  99.9  63.90  128.00  5.0  1
## 3350 10594  99.9  66.80   88.00  7.6  3
## 3351  6137  99.9  34.90   69.80  5.0  2
## 3352 15739  99.8  49.00   98.00  5.0  2
## 3353   322  98.8  12.40   15.80  7.8  3
## 3354   401  99.0  20.30   25.80  7.9  3
## 3355   303  99.0  11.90   29.80  4.0  2
## 3356  1152  99.9   7.00   60.00  1.2  4
## 3357   547  97.8  12.40   15.80  7.8  7
## 3358   282  97.9  35.70   59.60  6.0  7
## 3359   336  97.9   7.80   12.50  6.2  7
## 3360   401  99.3   6.60   19.80  3.3  2
## 3361   512  99.2   4.99  112.80  6.7  3
## 3362  2982  99.7  75.80  138.00  6.4  1
## 3363  5447  99.9  34.90   69.80  5.0  2
## 3364   323  95.0  28.40   36.00  7.9  7
## 3365  1568  99.8  12.50   32.00  3.9  2
## 3366  1710  99.9  79.60  159.20  5.0  1
## 3367  1647  99.8 170.10  238.00  7.1  1
## 3368   561  98.8  43.40   59.20  7.3  3
## 3369 13861  99.9  99.00  198.00  5.0  1
## 3370   462  97.2  17.60   28.00  6.3  7
## 3371   530  99.4  22.10   28.00  7.9  3
```

```
## 3372   434  99.5   9.50   15.00  6.3  3
## 3373   389  98.2   9.30   13.50  6.9  7
## 3374   406  97.8 105.20  149.00  7.1  1
## 3375   348  99.7  11.00   15.00  7.3  3
## 3376   374  98.4   8.10   13.50  6.0  7
## 3377   498  99.0   9.50   15.00  6.3  3
## 3378   289  97.6   7.30   10.00  7.3  7
## 3379   576  98.8  18.70   29.80  6.3  3
## 3380   505  99.2  10.70   15.00  7.1  3
## 3381   365  99.5   9.30   13.50  6.9  3
## 3382   424  99.5   9.30   13.50  6.9  3
## 3383   409  97.1  20.50   28.00  7.3  7
## 3384  1463  99.8  74.20   96.00  7.7  3
## 3385   437  99.3  10.70   15.00  7.1  3
## 3386   552  99.5  20.10   28.80  7.0  3
## 3387   477  99.4  14.30   20.00  7.2  3
## 3388   483  99.8  20.50   48.80  4.2  2
## 3389  2142  99.7  79.90  329.58  2.4  1
## 3390   473  98.5  17.00   29.80  5.7  7
## 3391   179  96.1  51.40   72.00  7.1  7
## 3392   314  98.4  19.30   38.60  5.0  7
## 3393   293  97.6  13.20   19.80  6.7  7
## 3394  3294  99.8  38.00   98.00  3.9  2
## 3395   286  97.9  49.00   73.60  6.7  7
## 3396 65946  99.9  99.00  198.00  5.0  1
## 3397   803  99.8  49.90  128.00  3.9  2
## 3398  1677  99.8  12.50   32.00  3.9  2
## 3399   331  95.5  12.50   18.80  6.6  7
## 3400   240  97.1  24.70   36.00  6.9  7
## 3401  5607  99.9  29.90   59.80  5.0  2
## 3402  5352  99.9  34.90   69.80  5.0  2
## 3403  5136  99.9  99.60  199.20  5.0  1
## 3404   346  99.7  69.60  116.00  6.0  1
```

```
## 3405  3497  99.8  29.40  45.00  6.5  3
## 3406   556  98.7  25.30  38.00  6.7  3
## 3407   542  98.5 112.00 168.00  6.7  1
## 3408 10878  99.9  84.00 168.00  5.0  1
## 3409   361  98.6  21.30  29.80  7.1  3
## 3410   334  99.1  27.80  38.00  7.3  3
## 3411   463  98.3  19.60  28.00  7.0  3
## 3412  9776 100.0  54.00  78.00  6.9  3
## 3413  2528  99.9  90.00 180.00  5.0  1
## 3414  3309  99.9 137.80 188.00  7.3  1
## 3415   249  98.8  78.55 119.20  4.0  1
## 3416   280  99.3  47.60  29.80  2.9  2
## 3417   430  99.3   8.60  15.00  6.3  3
## 3418   790  99.9   9.40 172.01  2.9  2
## 3419   363  98.1  49.80  38.00  7.3  7
## 3420   394  99.0  27.80  18.80  7.0  3
## 3421  4383  99.8  13.10  88.00  5.0  2
## 3422   461  97.4  44.00  15.80  7.8  7
## 3423  2591  99.8  74.00 148.00  5.0  1
## 3424   344  97.7  14.20  19.90  7.1  7
## 3425   233  99.6 110.80 198.00  5.6  1
## 3426   666  98.0  18.60  28.00  6.6  7
## 3427   651  99.1  18.60  28.00  6.6  3
## 3428  3237  99.8 264.00 360.00  7.3  5
## 3429   640  99.7  34.60  88.80  3.9  2
## 3430   263 100.0  19.20  48.00  4.0  2
## 3431   982  99.9  28.60  39.00  7.3  3
## 3432  4710  99.9  94.00 188.00  5.0  1
## 3433   272  98.2  50.60  80.00  6.3  7
## 3434   348  98.9  18.00  36.00  5.0  2
## 3435  3645  99.7 176.00 352.00  5.0  1
## 3436  4526  99.9  29.90  59.80  5.0  2
## 3437  1085  99.2  84.00 168.00  5.0  1
```

```
## 3438   385  97.7   7.60  12.00 6.3 7
## 3439   263  98.5  18.70  26.80 7.0 3
## 3440   345  96.2  37.80  60.00 6.3 7
## 3441   286  99.0  14.00  28.00 5.0 2
## 3442   402  99.5  10.70  15.00 7.1 3
## 3443   279  98.6  15.90  38.00 4.2 2
## 3444   318  99.7  13.20  19.80 6.7 3
## 3445  1405  99.9  12.50  32.00 3.9 2
## 3446   280  98.6  56.00 112.00 5.0 2
## 3447  8642  99.9  49.00  98.00 5.0 2
## 3448   379  97.9   8.80  12.00 7.3 7
## 3449   223  96.4   6.80  10.00 6.8 7
## 3450   451  97.8  12.40  15.80 7.8 7
## 3451  9829  99.8 114.00 228.00 5.0 1
## 3452   250  99.2  18.50  26.00 7.1 3
## 3453   266  99.2  76.00 118.80 6.4 1
## 3454   305  98.7  20.50  28.00 7.3 3
## 3455   324  98.8  72.30 185.40 3.9 1
## 3456   438  97.5  12.50  18.80 6.6 7
## 3457  2208  99.8 167.00 352.00 4.7 1
## 3458   335  98.8  12.60  20.00 6.3 3
## 3459   410  97.8  20.50  28.00 7.3 7
## 3460  3087  99.9   2.00  10.00 2.0 4
## 3461  2956  99.7 132.00 220.00 6.0 1
## 3462   251  98.4  44.40  68.00 6.5 3
## 3463    79 100.0  98.80 504.00 2.0 5
## 3464  2060  99.9 137.80 188.00 7.3 1
## 3465  2353 100.0  49.90  99.80 5.0 2
## 3466  2914  99.9   2.00  10.00 2.0 4
## 3467   745  99.9  48.00 100.00 4.8 2
## 3468  4237  99.9  45.00  90.00 5.0 2
## 3469  8130 100.0  49.00  98.00 5.0 2
## 3470   331  97.9   5.00  10.00 5.0 7
```

## 3471	4636	99.8	79.60	159.20	5.0	1
## 3472	400	98.3	11.60	14.80	7.8	3
## 3473	342	99.4	27.60	35.00	7.9	3
## 3474	325	99.4	18.60	28.00	6.6	3
## 3475	7086	99.9	30.00	60.00	5.0	2
## 3476	439	98.6	18.60	28.00	6.6	3
## 3477	245	99.6	45.10	63.20	7.1	3
## 3478	1485	100.0	69.80	156.00	4.5	1
## 3479	303	99.7	46.00	67.20	6.8	3
## 3480	2629	99.8	54.00	316.00	1.7	1
## 3481	375	99.2	18.70	29.80	6.3	3
## 3482	277	97.1	10.00	25.00	4.0	7
## 3483	1272	99.8	30.70	64.00	4.8	2
## 3484	204	99.0	13.99	19.80	7.1	3
## 3485	251	99.2	7.10	10.00	7.1	3
## 3486	249	97.6	5.30	28.00	1.9	7
## 3487	16159	100.0	24.30	42.80	5.7	2
## 3488	335	98.8	8.30	12.80	6.5	3
## 3489	320	100.0	27.80	39.80	7.0	3
## 3490	656	99.2	27.80	38.00	7.3	3
## 3491	184	98.4	3.90	9.90	3.9	7
## 3492	204	98.0	3.90	9.90	3.9	7
## 3493	3527	99.7	63.90	128.00	5.0	1
## 3494	190	97.9	7.70	13.80	5.6	7
## 3495	870	100.0	128.80	280.00	4.6	1
## 3496	162	98.1	13.20	19.80	6.7	7
## 3497	264	98.5	84.00	125.00	6.7	1
## 3498	5818	99.9	219.00	438.00	5.0	5
## 3499	192	99.0	7.70	13.80	5.6	3
## 3500	71	100.0	110.40	158.00	7.0	1
## 3501	1901	99.9	79.20	118.80	6.7	1
## 3502	166	99.4	56.60	88.00	6.4	3
## 3503	5808	83.6	63.90	128.00	5.0	9

```
## 3504  4283  99.9  71.80  98.00  7.3  3
## 3505   464  98.9  48.00  67.20  7.1  3
## 3506  2619  99.8  56.50 128.00  4.4  2
## 3507   258  97.7  22.10  28.00  7.9  7
## 3508   319  97.2  20.00  28.00  7.1  7
## 3509   333  97.6   5.00  10.00  5.0  7
## 3510   409 100.0  22.50  35.80  6.3  3
## 3511   198  97.5   3.90   9.90  3.9  7
## 3512 10534  99.9 267.50 352.00  7.6  5
## 3513   618  99.7 132.00 198.00  6.7  1
## 3514  1408 100.0 275.70 376.00  7.3  5
## 3515  1052 100.0  34.00  68.00  5.0  2
## 3516  3524  99.9  39.00  98.00  4.0  2
## 3517   219  99.5  30.90  77.40  4.0  2
## 3518   253  98.4  13.10  18.80  7.0  3
## 3519   185  97.3   9.50  13.60  7.0  7
## 3520    68 100.0 332.00 498.00  6.7  5
## 3521   197  98.5  68.60 100.00  6.9  3
## 3522   236  99.6   7.30  10.00  7.3  3
## 3523   293  99.0  34.30  48.00  7.1  3
## 3524   185  99.5 137.00 194.00  7.1  1
## 3525   247  99.6  20.00  28.00  7.1  3
## 3526  2880 100.0  29.90  59.80  5.0  2
## 3527  2922  99.8   2.00  10.00  2.0  4
## 3528   153  98.0  13.20  19.80  6.7  7
## 3529   260  98.8  20.50  29.80  6.9  3
## 3530   291  98.3  19.60  28.00  7.0  3
## 3531  2642  99.8  93.60 187.20  5.0  1
## 3532   251  96.8  10.10  12.80  7.9  7
## 3533  1056  99.8  12.50  32.00  3.9  2
## 3534  4832 100.0  34.50  49.80  6.9  3
## 3535   881  99.8 128.00 148.00  8.6  1
## 3536  3741  99.9   2.00  10.00  2.0  4
```

```
## 3537  221  98.2  22.50  31.60  7.1  7
## 3538  228  98.7 117.60 168.00  7.0  1
## 3539  250  98.8  20.10  28.80  7.0  3
## 3540 4049  99.9   2.00  10.00  2.0  4
## 3541  668  99.9  63.80 220.00  2.9  1
## 3542 2043  99.8  73.70 128.00  5.8  1
## 3543  172 100.0  35.20  88.00  4.0  2
## 3544  199  99.0  12.60  20.00  6.3  3
## 3545  215  97.7   9.80  12.50  7.8  7
## 3546  298  98.0  11.60  14.80  7.8  7
## 3547  202  96.5   7.10  10.00  7.1  7
## 3548  145  93.1   8.60  12.50  6.9  9
## 3549  178  97.2   5.50  13.80  4.0  7
## 3550   88 100.0  56.80 118.00  4.8  2
## 3551 4558 100.0  49.00  98.00  5.0  2
## 3552 1161 100.0  34.00  68.00  5.0  2
## 3553 1557  99.8 149.60 204.00  7.3  1
## 3554  225  98.7 135.70 200.00  6.8  1
## 3555 2079  99.6 231.00 462.00  5.0  5
## 3556 3919  99.8  30.80  39.00  7.9  3
## 3557  217  96.3   8.80  22.00  4.0  7
## 3558 2817  99.9  65.50 168.00  3.9  1
## 3559  111  98.2  29.90  59.80  5.0  7
## 3560  243  99.2  12.70  20.00  6.4  3
## 3561 1822  99.8 139.80 158.00  8.8  1
## 3562  152 100.0  99.90 142.80  7.0  1
## 3563 1569  99.7  64.00 158.00  4.1  1
## 3564  284  98.9  19.70  25.00  7.9  3
## 3565  213  98.1  49.70  69.60  7.1  7
## 3566 5338  99.9  49.00  98.00  5.0  2
## 3567  197  95.9   3.60   6.50  5.5  7
## 3568  328 100.0  19.90  39.80  5.0  2
## 3569  204  96.1  12.40  15.80  7.8  7
```

## 3570	2447	100.0	34.90	69.80	5.0	2
## 3571	1696	99.9	6.00	12.00	5.0	2
## 3572	3321	100.0	2.00	10.00	2.0	4
## 3573	521	100.0	79.50	138.00	5.8	1
## 3574	260	98.8	9.90	19.80	5.0	2
## 3575	158	96.8	9.40	15.00	6.3	7
## 3576	1565	99.9	14.70	29.50	5.0	2
## 3577	1129	99.9	145.70	204.00	7.1	1
## 3578	800	99.9	82.60	82.60	10.0	3
## 3579	165	99.4	85.20	119.20	7.1	1
## 3580	232	100.0	7.30	10.00	7.3	3
## 3581	256	99.6	22.50	35.80	6.3	3
## 3582	128	95.3	4.00	6.50	6.2	7
## 3583	6232	99.9	33.60	49.80	6.7	3
## 3584	317	99.1	11.90	29.80	4.0	2
## 3585	288	98.3	17.60	28.00	6.3	7
## 3586	175	96.6	10.50	16.80	6.3	7
## 3587	1958	99.7	36.60	98.00	3.7	2
## 3588	657	99.8	149.50	168.00	8.9	1
## 3589	1167	99.5	128.10	130.00	9.9	1
## 3590	157	98.1	138.20	192.00	7.2	1
## 3591	181	99.4	7.90	19.80	4.0	2
## 3592	129	99.2	15.70	22.00	7.1	3
## 3593	5555	99.9	71.10	158.00	4.5	1
## 3594	2051	99.8	58.90	198.00	3.0	1
## 3595	292	99.3	19.80	29.80	6.6	3
## 3596	185	98.9	13.80	19.80	7.0	3
## 3597	161	97.5	6.30	15.80	4.0	7
## 3598	328	98.5	6.80	10.00	6.8	3
## 3599	171	98.8	5.10	12.80	4.0	2
## 3600	5750	99.9	66.80	88.00	7.6	3
## 3601	722	100.0	22.50	36.80	6.1	3
## 3602	225	97.3	5.00	10.00	5.0	7

```
## 3603   225  97.3  11.80  19.80 6.0 7
## 3604   835  99.9  49.00  98.00 5.0 2
## 3605  1448  99.9 235.00 398.00 5.9 5
## 3606  1287  99.9  52.60  79.00 6.7 3
## 3607   183  97.3   5.10  12.80 4.0 7
## 3608 10243 100.0  34.40  68.80 5.0 2
## 3609   174  97.1  13.90  34.80 4.0 7
## 3610  1168  99.8  18.80  29.50 6.4 3
## 3611   432  99.8   7.90  29.80 2.7 2
## 3612   183  97.3   7.10  10.00 7.1 7
## 3613  2997 100.0  84.60 188.00 4.5 1
## 3614  2615 100.0  16.80  23.00 7.3 3
## 3615  1824  99.9 174.50 238.00 7.3 1
## 3616   161  99.4   7.10  10.00 7.1 3
## 3617  3075  99.9  19.60  48.00 4.1 2
## 3618   216  98.6  11.30  16.80 6.7 3
## 3619   148  96.6   5.10  12.80 4.0 7
## 3620   692  99.6   6.40  12.80 5.0 2
## 3621  5484  99.9  49.00  98.00 5.0 2
## 3622   163  96.9   8.60  12.50 6.9 7
## 3623  1796  99.7  51.70 108.00 4.8 2
## 3624   131  96.9   9.00  15.00 6.0 7
## 3625   106 100.0  38.80 171.20 2.3 2
## 3626  2761 100.0 140.00 210.00 6.7 1
## 3627   191  98.4  11.60  14.80 7.8 3
## 3628  1119 100.0  14.70  29.50 5.0 2
## 3629  3137  99.9 268.90 597.60 4.5 5
## 3630  1701  99.9 149.00 298.00 5.0 1
## 3631  2149  99.9   2.00  10.00 2.0 4
## 3632  2677  99.8 312.40 426.00 7.3 5
## 3633  1716  99.8   2.00  10.00 2.0 4
## 3634   140  99.3   7.20  18.00 4.0 2
## 3635   202  97.0  21.40  53.60 4.0 7
```

```
## 3636   162  99.4  135.70  200.00  6.8  1
## 3637   711 100.0   14.70   29.50  5.0  2
## 3638   521  99.6  176.00  352.00  5.0  1
## 3639   518  97.3    6.90   23.80  2.9  7
## 3640 28174 100.0  357.00  714.00  5.0  5
## 3641   201  99.0   14.00   28.00  5.0  2
## 3642  1703  99.9  138.70  179.40  7.7  1
## 3643   220  98.6   85.70  125.00  6.9  1
## 3644  3916  99.8   34.00   68.00  5.0  2
## 3645   146  98.6    8.60   12.50  6.9  3
## 3646  1456  99.9   38.00   68.00  5.6  2
## 3647  7501  99.9   49.00   98.00  5.0  2
## 3648  1780 100.0   83.30  125.00  6.7  1
## 3649    65 100.0   46.30  118.80  3.9  2
## 3650  3399  99.9   34.50   49.80  6.9  3
## 3651  2270 100.0   22.50   45.00  5.0  2
## 3652  4174 100.0   77.20  198.00  3.9  1
## 3653   128 100.0  278.60  398.00  7.0  5
## 3654  2252 100.0    2.00   10.00  2.0  4
## 3655   170  99.4   18.60   28.00  6.6  3
## 3656   225  99.1    6.80   10.00  6.8  3
## 3657  2861  99.8   26.80  168.00  1.6  4
## 3658   123  96.7   10.10   15.80  6.4  7
## 3659   242  99.6    7.30   10.00  7.3  3
## 3660   272  99.3   19.70   25.00  7.9  3
## 3661   103 100.0   85.00  216.00  3.9  1
## 3662  1077  99.8   49.00   98.00  5.0  2
## 3663 29305  98.9   15.80   20.00  7.9  3
## 3664 18291  99.3   33.20   48.00  6.9  3
## 3665 19557  99.1   12.90   16.80  7.7  3
## 3666 16879  99.1   34.30   49.00  7.0  3
## 3667 11208  99.4   25.00   35.00  7.1  3
## 3668 15985  99.1   12.90   16.80  7.7  3
```

```
## 3669  11968  99.4  32.60  49.00  6.7  3
## 3670  86587 100.0  74.00 148.00  5.0  1
## 3671   5013  99.7  46.00  72.00  6.4  3
## 3672  10919  99.0  14.00  28.00  5.0  2
## 3673   9692  99.1  12.90  16.80  7.7  3
## 3674   9287  99.1  16.00  26.80  6.0  3
## 3675   8262  99.0  65.30  98.00  6.7  3
## 3676  80184  99.5  12.50  25.00  5.0  2
## 3677   7055  99.0  14.00  28.00  5.0  2
## 3678   2101  99.9  10.70  17.90  6.0  3
## 3679   6604  98.7  21.00  29.80  7.0  3
## 3680   5421  99.4  18.90  28.00  6.8  3
## 3681   5203  98.8   9.00  18.00  5.0  2
## 3682   8353  99.3  13.00  26.00  5.0  2
## 3683 305863 100.0  39.80  39.80 10.0  8
## 3684   5238  99.3   8.40  16.80  5.0  2
## 3685   5268  99.1   8.40  16.80  5.0  2
## 3686   6419  99.3  12.90  16.80  7.7  3
## 3687  24658  99.9  39.80  39.80 10.0  3
## 3688   3225  98.8   6.60  16.80  3.9  2
## 3689   5482  99.6  12.90  16.80  7.7  3
## 3690   5577  99.5  14.90  29.80  5.0  2
## 3691   9257  99.8  11.00  22.00  5.0  2
## 3692   3396  99.6  69.50  88.00  7.9  3
## 3693    883  90.4  89.30 125.00  7.1  9
## 3694   2789  98.9   6.70  16.80  4.0  2
## 3695   4033  99.5  12.90  16.80  7.7  3
## 3696  14350  99.9  14.90 120.00  1.2  4
## 3697   2986  99.1   8.40  16.80  5.0  2
## 3698   2109  97.8   5.90  29.80  2.0  7
## 3699  36842 100.0  14.60  20.00  7.3  3
## 3700   2486  99.5  31.00  45.00  6.9  3
## 3701   2064  98.5  12.30  16.80  7.3  3
```

```
## 3702  2431  99.5  21.30  32.00  6.7  3
## 3703  1851  98.9   6.50  16.80  3.9  2
## 3704  3262  99.4  12.00  24.00  5.0  2
## 3705  2486  99.1  53.70  80.00  6.7  3
## 3706 51696 100.0 149.00 149.00 10.0  1
## 3707 29226  99.9   9.90  74.00  1.3  4
## 3708  2877  99.6  72.00 120.00  6.0  1
## 3709 33393 100.0  34.90  69.80  5.0  2
## 3710  2180  99.2  10.00  16.80  6.0  3
## 3711  1682  99.6  52.50 125.00  4.2  2
## 3712  1943  99.0   7.90  15.80  5.0  2
## 3713  2165  98.8  11.00  16.00  6.9  3
## 3714  1955  98.6  15.20  38.00  4.0  2
## 3715  2226  99.1  11.40  22.80  5.0  2
## 3716  2404  98.7  34.00  68.00  5.0  2
## 3717  2207  98.6  11.40  22.80  5.0  2
## 3718 22291 100.0  74.50 149.00  5.0  1
## 3719  2172  99.4  21.30  32.00  6.7  3
## 3720 12776  99.9  70.20 180.00  3.9  1
## 3721 25691  99.9  63.90 128.00  5.0  1
## 3722  2213  97.5  21.30  27.00  7.9  7
## 3723 24457 100.0  14.60  20.00  7.3  3
## 3724  3263  99.5   9.90  19.80  5.0  2
## 3725  1419  98.7  81.60 129.60  6.3  1
## 3726  8938  99.9  13.00  26.00  5.0  2
## 3727  1954  99.2   8.40  16.80  5.0  2
## 3728  7185  99.9  52.80  72.00  7.3  3
## 3729 20045  99.9  18.20  96.00  1.9  4
## 3730  1274  99.4   8.40  16.80  5.0  2
## 3731  1714  99.6   9.40  15.80  5.9  3
## 3732 56575  99.8 116.40 168.00  6.9  1
## 3733 10208  99.9  10.00 184.00  0.5  4
## 3734  1929  99.4   6.30  15.80  4.0  2
```

```
## 3735  1942  99.3   6.50  16.80 3.9 2
## 3736  6947  99.9  11.20  59.40 1.9 4
## 3737   642  99.2  20.50  28.00 7.3 3
## 3738  1568  99.4   8.40  16.80 5.0 2
## 3739  1869  99.4   8.40  16.80 5.0 2
## 3740   788  96.4 101.10 158.00 6.4 7
## 3741  8996  99.8 129.90 138.00 9.4 1
## 3742   756 100.0  46.00  72.00 6.4 3
## 3743  3884  99.6  13.10  19.80 6.6 3
## 3744  1059  99.2  10.50  16.80 6.3 3
## 3745  1984  99.4  16.80  23.00 7.3 3
## 3746  2101  99.4   8.40  16.80 5.0 2
## 3747  8416 100.0  50.70  75.00 6.8 3
## 3748  4532 100.0   9.60  14.80 6.5 3
## 3749  1615  99.3   6.10  15.80 3.9 2
## 3750 22971 100.0 110.00 220.00 5.0 1
## 3751  1175  99.0   8.40  16.80 5.0 2
## 3752  1445  99.4  19.90  39.80 5.0 2
## 3753  4168  99.6  49.80 184.00 2.7 1
## 3754 12274  99.9  20.50 108.00 1.9 4
## 3755  2980  99.7  15.00  19.80 7.6 3
## 3756 11508  99.9  19.60 150.00 1.3 4
## 3757   341  92.7  27.60  35.00 7.9 9
## 3758  2790  99.8  15.00  19.80 7.6 3
## 3759   898  99.9  79.50 159.00 5.0 1
## 3760  1203  99.0   7.90  15.80 5.0 2
## 3761  1447  99.7  26.50  39.80 6.7 3
## 3762  3304 100.0  17.50  35.00 5.0 2
## 3763  1030  99.4   6.60  15.80 4.2 2
## 3764   591  99.8  90.00 180.00 5.0 1
## 3765 52596  99.6  31.40  39.80 7.9 3
## 3766  1273  98.7  73.53 118.80 6.2 1
## 3767   583 100.0  59.70 119.40 5.0 2
```

```
## 3768   6483  99.9   2.50   8.50 2.9 2
## 3769   2471 100.0  34.70  59.20 5.9 2
## 3770  34093 100.0 173.30 234.00 7.4 1
## 3771   8713  99.9  49.80 298.00 1.7 1
## 3772   6444 100.0  25.70  66.00 3.9 2
## 3773  25291 100.0  32.40  59.00 5.5 2
## 3774    967  98.6   9.40  18.80 5.0 2
## 3775   1265  99.1  11.20  28.00 4.0 2
## 3776   9937  99.9 134.00 268.00 5.0 1
## 3777    802  99.4  11.40  22.80 5.0 2
## 3778    947  98.7  11.20  18.80 6.0 3
## 3779  23681  99.9  73.90 132.00 5.6 1
## 3780   3424 100.0   9.60  14.80 6.5 3
## 3781    976  98.9   9.40  18.80 5.0 2
## 3782   1015  99.6  25.00  39.80 6.3 3
## 3783   3886 100.0  20.50  26.00 7.9 3
## 3784    870  99.9   3.10   8.00 3.9 2
## 3785    656  98.6   8.40  16.80 5.0 2
## 3786   4164 100.0  22.50  45.00 5.0 2
## 3787   4537  99.9  39.50  79.00 5.0 2
## 3788   1071  99.3  11.50  15.80 7.3 3
## 3789    945  99.0  27.40  34.80 7.9 3
## 3790    996  99.0   8.40  16.80 5.0 2
## 3791    817  98.9  19.70  25.00 7.9 3
## 3792    873  99.4  78.60 110.00 7.1 1
## 3793   1038  99.0   6.30  15.80 4.0 2
## 3794  10811 100.0  35.80 118.00 3.0 2
## 3795   1115  99.3   9.40  15.80 5.9 3
## 3796    873  98.9   7.00   9.90 7.1 3
## 3797    817  98.7   9.40  18.80 5.0 2
## 3798   1144  99.6   6.10  15.80 3.9 2
## 3799   9846 100.0  26.80 118.00 2.3 2
## 3800  19537 100.0  69.00 138.00 5.0 1
```

```
## 3801    792  99.0  16.30  22.80  7.1  3
## 3802   9140  99.9 144.00 288.00  5.0  1
## 3803   1247  99.5  10.00  20.00  5.0  2
## 3804   3603  99.9 133.30 200.00  6.7  1
## 3805    715  99.4   6.50  16.80  3.9  2
## 3806 272603 100.0  29.98  58.00  5.2  8
## 3807   1122  99.9  13.20  18.00  7.3  3
## 3808    859  99.5  87.10 118.80  7.3  1
## 3809  21705  99.3  39.80  79.60  5.0  2
## 3810    938  99.4   9.90  19.80  5.0  2
## 3811    273 100.0  18.50  36.90  5.0  2
## 3812    909  99.9  13.20  18.00  7.3  3
## 3813    344  99.7  74.48 149.00  5.0  1
## 3814    805  99.6  19.10  26.80  7.1  3
## 3815   1111  99.8  16.10  22.00  7.3  3
## 3816  11993  99.8   9.90  38.00  2.6  2
## 3817   6536  99.9  99.00 198.00  5.0  1
## 3818    966  99.7  16.10  22.00  7.3  3
## 3819    512  99.8  10.00  16.80  6.0  3
## 3820   1076  98.7  31.20  78.00  4.0  2
## 3821    993  99.6  31.40  39.80  7.9  3
## 3822    878  99.9  14.60  20.00  7.3  3
## 3823    896  99.4  14.50  19.80  7.3  3
## 3824    840  99.8  14.60  20.00  7.3  3
## 3825   1083  99.2  20.10  28.00  7.2  3
## 3826   1000  99.5   6.30  15.80  4.0  2
## 3827   2035 100.0   9.60  14.80  6.5  3
## 3828   1208  99.8   6.50  16.80  3.9  2
## 3829  10038 100.0  22.00  39.80  5.5  2
## 3830    851  99.3  20.30  29.00  7.0  3
## 3831   9679 100.0  74.50 149.00  5.0  1
## 3832    631  98.3  11.30  15.80  7.2  3
## 3833    872  99.8  16.10  22.00  7.3  3
```

```
## 3834 181293 100.0 29.00 58.00 5.0 8
## 3835 700 98.0 10.70 15.00 7.1 7
## 3836 558 98.6 6.30 15.80 4.0 2
## 3837 9362 100.0 49.50 99.00 5.0 2
## 3838 9954 100.0 35.80 118.00 3.0 2
## 3839 1902 99.4 73.30 188.00 3.9 1
## 3840 634 98.9 6.50 16.80 3.9 2
## 3841 719 99.6 8.40 16.80 5.0 2
## 3842 6753 99.9 35.00 77.80 4.5 2
## 3843 825 98.4 22.10 28.00 7.9 3
## 3844 6075 99.3 13.00 26.00 5.0 2
## 3845 4771 100.0 21.00 37.00 5.7 2
## 3846 682 99.0 23.70 30.00 7.9 3
## 3847 986 99.5 9.90 19.80 5.0 2
## 3848 708 99.3 8.40 16.80 5.0 2
## 3849 503 99.0 19.70 25.00 7.9 3
## 3850 546 99.1 36.90 79.20 4.7 2
## 3851 500 98.8 18.50 26.00 7.1 3
## 3852 712 99.4 10.70 16.80 6.4 3
## 3853 323 99.7 25.00 42.80 5.8 2
## 3854 12335 100.0 18.30 25.00 7.3 3
## 3855 4184 100.0 91.60 125.00 7.3 1
## 3856 2457 99.9 79.00 158.00 5.0 1
## 3857 3521 100.0 168.00 336.00 5.0 1
## 3858 14607 100.0 63.00 126.00 5.0 1
## 3859 667 99.6 45.10 63.20 7.1 3
## 3860 799 99.9 26.50 39.80 6.7 3
## 3861 1702 99.8 20.60 39.00 5.3 2
## 3862 510 99.0 16.40 23.00 7.1 3
## 3863 862 99.5 14.50 19.80 7.3 3
## 3864 683 99.1 15.20 22.80 6.7 3
## 3865 596 96.5 5.10 12.80 4.0 7
## 3866 735 99.3 16.60 34.00 4.9 2
```

```
## 3867   2433  99.9  128.00  268.00  4.8  1
## 3868    900  99.4    9.90   19.80  5.0  2
## 3869    531  99.4    9.40   15.80  5.9  3
## 3870    875  99.3   14.50   19.80  7.3  3
## 3871    589  98.1   44.40   68.00  6.5  7
## 3872    479  98.7    6.60   16.80  3.9  2
## 3873   2458  99.9  138.00  276.00  5.0  1
## 3874   3767  99.8  135.00  140.00  9.6  1
## 3875    703  99.0   11.90   18.80  6.3  3
## 3876    696  99.9   35.10   70.20  5.0  2
## 3877    412  97.3   12.60   19.80  6.4  7
## 3878    413 100.0   16.10   22.00  7.3  3
## 3879    218 100.0   20.80   29.80  7.0  3
## 3880    494  98.2   11.30   15.80  7.2  7
## 3881  20940 100.0   69.00  138.00  5.0  1
## 3882   5194  99.9   34.90   49.50  7.1  3
## 3883 244205 100.0   39.80   79.60  5.0  8
## 3884    966  99.5    5.80    8.00  7.3  3
## 3885   5047  99.9   68.40  120.00  5.7  1
## 3886    563  99.3   13.20   16.80  7.9  3
## 3887    537  99.4   36.20   68.00  5.3  2
## 3888    409  98.5   27.40   34.80  7.9  3
## 3889    732  99.6   25.20   32.00  7.9  3
## 3890   4077  99.3   11.50   23.00  5.0  2
## 3891    670  97.8   14.60   22.00  6.6  7
## 3892   1212  99.4   14.60   19.80  7.4  3
## 3893    430  98.6   11.30   15.80  7.2  3
## 3894    563  99.8    6.30   15.80  4.0  2
## 3895    772  99.5    9.50   13.00  7.3  3
## 3896    748  99.2   20.00   28.00  7.1  3
## 3897    625  99.8    6.30   15.80  4.0  2
## 3898   3340  99.7  129.90  268.00  4.8  1
## 3899   2979 100.0  130.00  260.00  5.0  1
```

```
## 3900  4625  99.9  106.73  160.00  2.2  1
## 3901   624  99.5   35.70   15.80  4.2  2
## 3902   446  99.6    6.60   16.80  5.8  3
## 3903  1086  99.4   13.80   20.00  6.9  3
## 3904   648  99.7   12.30   16.80  7.3  3
## 3905   622  99.4  234.60  352.00  6.7  5
## 3906   351  98.6   11.30   15.80  7.2  3
## 3907   490  99.0   19.60   26.80  7.3  3
## 3908   485  99.0    9.50   15.00  6.3  3
## 3909   391  99.2   28.20   56.40  5.0  2
## 3910   526  97.5   15.90   22.80  7.0  7
## 3911  4022 100.0   85.00  188.00  4.5  1
## 3912   411  98.8    3.20    4.80  6.7  3
## 3913  1993  99.8   29.60  158.40  1.9  4
## 3914  1007  99.5   15.00   19.80  7.6  3
## 3915  4744 100.0   39.80   79.60  5.0  2
## 3916  2443  99.9   37.49   75.00  5.0  2
## 3917   592  98.6   55.70   78.00  7.1  3
## 3918  6446 100.0   38.30   59.00  6.5  3
## 3919  2225 100.0   19.00   25.00  7.6  3
## 3920   427  99.8    7.90   15.80  5.0  2
## 3921   566  98.9    8.40   16.80  5.0  2
## 3922 18775  99.5   63.90  128.00  5.0  1
## 3923 13781 100.0   29.00   58.00  5.0  2
## 3924   268 100.0   35.00   29.80  7.0  3
## 3925 13315 100.0   20.80   19.80  4.5  2
## 3926  8335 100.0    8.90   25.00  7.3  3
## 3927 89256  99.7   18.30  198.00  7.4  1
## 3928  2093  99.4  146.70  300.00  0.7  1
## 3929   348  99.4   22.24   29.80  6.6  3
## 3930  8445 100.0   19.80   35.00  5.0  2
## 3931  6362 100.0   17.50  138.00  3.9  2
## 3932   525  99.0   53.80   22.00  7.3  3
```

```
## 3933   333  99.7  16.10  15.80  7.2  3
## 3934   427  99.5  11.30  28.00  7.9  3
## 3935   482  99.6  22.10  15.80  4.2  2
## 3936  3190  99.8   6.60  63.20  5.9  2
## 3937   526  98.9  37.30  16.80  4.0  2
## 3938  4769  99.9   6.70  46.50  7.1  3
## 3939  2427 100.0  32.80  39.00  5.3  2
## 3940   400  99.0  20.67  22.80  7.3  3
## 3941  1123  99.6  16.70  19.80  7.6  3
## 3942   371  99.5  15.00  12.50  7.2  3
## 3943   458  99.8  15.70  22.00  7.1  3
## 3944   289  99.7  33.60  67.20  5.0  2
## 3945  3078  99.9  37.10 128.00  2.9  2
## 3946   899  99.4  15.00  19.80  7.6  3
## 3947   316 100.0  11.30  15.80  7.2  3
## 3948   224 100.0  20.80  29.80  7.0  3
## 3949   472  99.4  30.20  48.00  6.3  3
## 3950   298  97.7  30.20  60.00  5.0  7
## 3951   330  98.2   3.20   4.80  6.7  7
## 3952   436  99.5   5.60   8.50  6.6  3
## 3953   335  99.7  10.50  15.00  7.0  3
## 3954   378  99.5  14.50  22.80  6.4  3
## 3955  5281  99.9 100.00 200.00  5.0  1
## 3956   550  99.3  60.40  90.00  6.7  3
## 3957   458  98.3   5.60   8.50  6.6  7
## 3958   801  99.4  18.30  25.00  7.3  3
## 3959 15404 100.0  70.40  96.00  7.3  3
## 3960   546  99.3  20.50  28.00  7.3  3
## 3961   476  98.5  20.00  28.00  7.1  3
## 3962   394  98.0  15.80  20.00  7.9  7
## 3963  2304  99.9  12.60  19.80  6.4  3
## 3964  2797 100.0   6.40  12.80  5.0  2
## 3965  2369  99.8  12.60  19.80  6.4  3
```

```
## 3966   428  99.8  15.70   22.00 7.1 3
## 3967    83 100.0 310.50  690.00 4.5 5
## 3968  2529  99.9  22.50   59.40 3.8 2
## 3969   322  97.5  25.20   36.00 7.0 7
## 3970   499  99.8   9.00   29.80 6.5 3
## 3971   144  96.5  19.40   39.00 5.9 7
## 3972   224  98.7  22.90   15.80 7.2 3
## 3973   341  98.8  11.30   15.90 7.0 3
## 3974  7295 100.0  11.10   49.80 5.0 2
## 3975  2726 100.0  24.90  249.00 6.4 1
## 3976  1983  99.9 159.30    9.00 2.9 4
## 3977  6999 100.0   2.60  264.00 5.0 1
## 3978   453  98.2 132.00   25.00 5.0 7
## 3979   559  99.6  12.50   16.80 7.3 3
## 3980   478  99.2  12.30   27.60 3.3 2
## 3981   313  98.4   9.20   19.80 1.9 4
## 3982   535  99.6   3.70   16.00 6.4 3
## 3983  5802  99.9   5.50   35.87 1.5 4
## 3984   649  99.8  22.90   58.80 3.9 2
## 3985   351  99.7   5.40   10.00 5.4 2
## 3986   535  99.4   5.90    7.50 7.9 3
## 3987   533  99.1  10.70   15.00 7.1 3
## 3988   245 100.0  38.99   78.00 5.0 2
## 3989   354  99.4   5.60    8.50 6.6 3
## 3990   436  99.8  19.00   29.80 6.4 3
## 3991   383  98.4  12.00   24.00 5.0 7
## 3992   796  99.4  22.10   28.00 7.9 3
## 3993   389  97.9   6.99   22.80 7.9 7
## 3994   375 100.0  17.90  150.00 5.0 2
## 3995   255 100.0  74.99   20.00 5.5 2
## 3996   458 100.0  11.00   79.20 4.2 2
## 3997 19501 100.0  33.20   48.00 5.0 2
## 3998   381  98.4  24.00   19.90 5.6 7
```

```
## 3999  205  99.5  11.10  74.00  3.3  2
## 4000  303 100.0   5.22 168.00  4.2  2
## 4001  191  98.4  24.60  15.80  7.2  3
## 4002 3491  99.9  70.50  39.80  6.4  3
## 4003  431  99.3  10.00  20.00  5.0  2
## 4004 5455 100.0  12.40  24.80  5.0  2
## 4005 1466  99.9  24.23  49.80  4.9  2
## 4006 5017 100.0  18.30  25.00  7.3  3
## 4007  589 100.0  11.00  15.00  7.3  3
## 4008  279 100.0  26.90  39.80  6.8  3
## 4009  546  99.3   8.90  19.80  4.5  2
## 4010  389  98.7  22.10  28.00  7.9  3
## 4011  369  97.6  20.70  29.00  7.1  7
## 4012  131 100.0   8.70 126.00  5.4  2
## 4013  655 100.0  68.00  78.00  6.9  3
## 4014  310  99.4  53.70  16.80  5.0  2
## 4015  208  98.1   8.40  94.40  6.4  7
## 4016  269  99.3  60.40  16.80  3.9  2
## 4017  128 100.0   6.50 128.00  6.6  3
## 4018  158  99.4  83.99 188.00  9.5  1
## 4019 2063 100.0 179.50  19.80  6.4  1
## 4020  241  99.6  12.60  50.00  7.1  3
## 4021  169  99.4  35.70  15.80  7.2  3
## 4022  300  97.3  11.30  19.80  4.0  7
## 4023  457  99.6  13.70  18.80  7.3  3
## 4024  278 100.0  24.49  49.00  5.0  2
## 4025  386 100.0  33.99  68.00  5.0  2
## 4026  794 100.0  65.00 188.00  3.5  1
## 4027  851  99.6  95.00 150.00  6.3  1
## 4028 2569  99.8  50.90  79.60  6.4  3
## 4029  344  99.1  17.60  25.00  7.0  3
## 4030  249 100.0  28.99  58.00  5.0  2
## 4031  307  99.0  11.10  15.90  7.0  3
```

```
## 4032  2459  99.8  59.80  351.00  1.7  1
## 4033   302  97.4  12.60   19.80  6.4  7
## 4034   338  98.8  14.50   22.80  6.4  3
## 4035   158 100.0  16.60   25.00  6.6  3
## 4036  1443 100.0  78.40  156.80  5.0  1
## 4037  1454  99.9   2.00    6.80  2.9  2
## 4038   285  98.9  17.80   25.00  7.1  3
## 4039   324  99.1  14.50   22.80  6.4  3
## 4040   328  99.1   6.50   10.00  6.5  3
## 4041   229  95.6  19.60   28.00  7.0  7
## 4042  1471  99.8   7.70   19.80  3.9  2
## 4043   385  99.5   6.80   10.00  6.8  3
## 4044   298  98.7  14.20   23.80  6.0  3
## 4045   386  98.7  11.80   15.00  7.9  3
## 4046   423  98.6  11.80   15.00  7.9  3
## 4047   179  97.8   9.10   12.80  7.1  7
## 4048   331  99.4  68.00   88.00  7.7  3
## 4049   307  99.3  10.30   15.80  6.5  3
## 4050   183 100.0  17.50   25.00  7.0  3
## 4051   382  99.2  13.00   26.00  5.0  2
## 4052   297  99.3   7.80   11.80  6.6  3
## 4053  2123 100.0  19.00   38.00  5.0  2
## 4054   170  95.9   6.70   16.80  4.0  7
## 4055   292  99.7  13.80   19.80  7.0  3
## 4056   125 100.0  11.30   15.80  7.2  3
## 4057  1770  99.9  14.50   19.80  7.3  3
## 4058   333  98.5  20.00   28.00  7.1  3
## 4059   271  98.9  62.90   88.00  7.1  3
## 4060   418  98.8  21.00   29.80  7.0  3
## 4061    77  93.5  14.10   19.80  7.1  9
## 4062  2087  99.9  14.50   29.00  5.0  2
## 4063  1204  99.9  17.30   22.00  7.9  3
## 4064   239  99.2  12.30   16.80  7.3  3
```

```
## 4065   2404  99.7 142.90 298.00 4.8 1
## 4066   5976  99.9  80.00 160.00 5.0 1
## 4067    356  98.9  28.40  39.80 7.1 3
## 4068 200256  99.6  19.90  39.80 5.0 8
## 4069    345 100.0   6.60  15.80 4.2 2
## 4070    707 100.0  29.80 118.80 2.5 2
## 4071     64  95.3  10.10  12.80 7.9 7
## 4072    246  98.4  19.40  29.00 6.7 3
## 4073     45 100.0 115.50 165.00 7.0 1
## 4074   2255  99.8  22.00  44.00 5.0 2
## 4075    436 100.0  17.50  35.00 5.0 2
## 4076     89 100.0  11.30  15.80 7.2 3
## 4077   3567  99.9  18.30  25.00 7.3 3
## 4078    500 100.0  14.50  19.80 7.3 3
## 4079    198  98.5   6.40  12.90 5.0 7
## 4080    292  99.3   5.60   8.50 6.6 3
## 4081    304  99.0  28.40  39.80 7.1 3
## 4082    237  97.5  14.10  19.80 7.1 7
## 4083    396  98.0  13.80  19.80 7.0 7
## 4084  80476  99.4 261.00 522.00 5.0 5
## 4085  58991  99.6  24.30  32.00 7.6 3
## 4086    121 100.0  17.50  25.00 7.0 3
## 4087    265 100.0   8.20  11.80 6.9 3
## 4088    242  99.2  12.00  25.00 4.8 2
## 4089    347  99.1  14.30  20.00 7.2 3
## 4090    147  98.0   8.90  12.80 7.0 7
## 4091   2316 100.0  48.60 108.00 4.5 2
## 4092    196  99.5   6.40  12.90 5.0 2
## 4093    244 100.0  12.00  16.80 7.1 3
## 4094    327 100.0  12.40  15.80 7.8 3
## 4095    274  99.6  48.00  67.20 7.1 3
## 4096    435  99.8  14.50  19.80 7.3 3
## 4097   1142 100.0  12.40  24.80 5.0 2
```

```
## 4098   300  99.3  12.10  26.00  4.7  2
## 4099   401 100.0   6.00  18.80  7.3  3
## 4100   305  98.4  13.70  19.00  7.1  3
## 4101   317  98.4  13.50  10.00  6.8  3
## 4102   243  99.6   6.80  11.80  6.6  3
## 4103   244  97.1  19.60  28.00  7.0  7
## 4104   265 100.0  11.80  15.00  7.9  3
## 4105  3078 100.0  18.30  25.00  7.3  3
## 4106   309 100.0  10.30  15.80  6.5  3
## 4107   160  99.4  11.50  15.80  7.3  3
## 4108  1760  99.9  68.00 298.00  2.3  1
## 4109   513 100.0  14.50  19.80  7.3  3
## 4110   286 100.0  17.50  35.00  5.0  2
## 4111  1298  99.5 139.00 195.20  7.1  1
## 4112   277  99.6  10.30  15.80  6.5  3
## 4113   368 100.0  23.30  35.00  6.7  3
## 4114  1253 100.0  12.60  19.80  6.4  3
## 4115   194 100.0  69.60  99.50  7.0  3
## 4116   243 100.0  10.30  15.80  6.5  3
## 4117   177 100.0   6.40  12.90  5.0  2
## 4118   217  99.5  11.10  15.90  7.0  3
## 4119   348 100.0  11.40  18.00  6.3  3
## 4120  1754  99.8  30.80  39.00  7.9  3
## 4121   303  99.7  31.40  39.80  7.9  3
## 4122   242  99.2   7.00  10.00  7.0  3
## 4123   295 100.0  22.80  35.00  6.5  3
## 4124   155  94.8   6.70  10.00  6.7  7
## 4125   239  99.2   8.20  11.80  6.9  3
## 4126   132  94.7  11.30  15.80  7.2  7
## 4127  2349  99.8 155.00 223.40  6.9  1
## 4128 10273 100.0  12.50  25.00  5.0  2
## 4129   249 100.0  10.80  15.80  6.8  3
## 4130   201  99.5  15.50  21.80  7.1  3
```

```
## 4131   151  98.7  11.70  21.00  5.6  3
## 4132   209  99.0   7.80  11.80  6.6  3
## 4133  1462  99.6 136.00 138.00  9.9  1
## 4134   283  98.2  15.00  19.00  7.9  3
## 4135   227  99.1  17.80  26.80  6.6  3
## 4136   196 100.0  42.60  70.80  6.0  2
## 4137   125  96.8  11.20  16.80  6.7  7
## 4138 14701 100.0  41.20  59.80  6.9  3
## 4139    54 100.0  11.30  15.80  7.2  3
## 4140  2615 100.0  18.30  25.00  7.3  3
## 4141  1851 100.0  14.00  28.00  5.0  2
## 4142   220 100.0  10.90  15.60  7.0  3
## 4143  1214  99.9  29.90 149.00  2.0  4
## 4144  1275  99.8  14.50  19.80  7.3  3
## 4145   190  98.4  11.10  15.90  7.0  3
## 4146   134  97.8  12.30  15.60  7.9  7
## 4147   542  99.8   3.70   7.50  4.9  2
## 4148   307  99.7  12.40  15.80  7.8  3
## 4149   302  99.3   7.90  10.00  7.9  3
## 4150   232  99.6  10.00  15.00  6.7  3
## 4151   203  98.5  23.90  38.00  6.3  3
## 4152   288  99.0  17.30  22.80  7.6  3
## 4153   241 100.0  10.80  15.80  6.8  3
## 4154   202 100.0  13.00  19.90  6.5  3
## 4155   189  98.9   7.00  10.00  7.0  3
## 4156   223  97.8  10.70  15.00  7.1  7
## 4157  1150 100.0  24.80 100.00  2.5  2
## 4158   138 100.0  54.60  78.00  7.0  3
## 4159   266  99.2  12.00  15.00  8.0  3
## 4160   339  99.4  19.80  29.80  6.6  3
## 4161   139 100.0  10.60  16.90  6.3  3
## 4162   190  99.5  28.40  39.80  7.1  3
## 4163  8457  98.2  30.10  67.00  4.5  7
```

```
## 4164  6926  98.5  44.60  67.00  6.7  3
## 4165  5336  98.8  46.90  67.00  7.0  3
## 4166  4441  98.1  40.00  60.00  6.7  7
## 4167  4584  98.4  49.10  67.00  7.3  3
## 4168  3781  99.0  44.60  67.00  6.7  3
## 4169  4040  98.8  52.50  75.00  7.0  3
## 4170  2744  98.1  80.00 120.00  6.7  7
## 4171  3145  99.0  80.00 120.00  6.7  1
## 4172  4425  98.3  28.00  50.00  5.6  7
## 4173  2512  97.3  44.00  60.00  7.3  7
## 4174  3852  98.8  24.00  60.00  4.0  2
## 4175  4150  98.7  40.00  60.00  6.7  3
## 4176  3475  98.8  42.90  60.00  7.2  3
## 4177  2759  99.1  26.00  46.00  5.7  3
## 4178  2702  99.4  20.80  30.00  6.9  3
## 4179  2531  98.1  44.00  60.00  7.3  7
## 4180  1352  95.2  44.00  60.00  7.3  7
## 4181  4085  98.8  42.00  60.00  7.0  3
## 4182  3444  98.5  42.90  60.00  7.2  3
## 4183  2704  99.3  50.00  75.00  6.7  3
## 4184  2710  99.4  23.20  38.00  6.1  3
## 4185  2208  99.5  18.30  30.00  6.1  3
## 4186  1748  97.7  55.00  75.00  7.3  7
## 4187  2515  99.4  20.40  30.00  6.8  3
## 4188  1926  99.1  80.00 120.00  6.7  1
## 4189  3352  98.8  33.00  55.00  6.0  3
## 4190  2118  97.5  44.00  60.00  7.3  7
## 4191  2585  99.3  50.00  75.00  6.7  3
## 4192  2532  97.6  44.00  60.00  7.3  7
## 4193  2002  98.4  53.60  75.00  7.1  3
## 4194  1846  98.4   2.00  10.00  2.0  4
## 4195  3495  98.4  42.90  60.00  7.2  3
## 4196  2046  99.4 116.40 168.00  6.9  1
```

```
## 4197  1884  99.6  24.50  46.00  5.3  2
## 4198  1899  97.9  42.90  60.00  7.2  7
## 4199  2141  99.1  20.20  30.00  6.7  3
## 4200  1859  98.7  20.40  51.00  4.0  2
## 4201  2439  99.0  40.00  60.00  6.7  3
## 4202  1939  99.5  26.30  38.00  6.9  3
## 4203  1593  99.2  80.00 120.00  6.7  1
## 4204  1889  98.8  22.70  42.00  5.4  2
## 4205  1753  98.8  25.70  42.00  6.1  3
## 4206  2543  98.6  70.40 117.00  6.0  1
## 4207  1849  99.7  37.40  54.00  6.9  3
## 4208  1778  99.2  37.40  54.00  6.9  3
## 4209  1530  99.2  20.20  30.00  6.7  3
## 4210  1596  99.0  25.20  42.00  6.0  3
## 4211  2123  99.0  86.00 129.00  6.7  1
## 4212  1322  97.7   2.00  10.00  2.0  7
## 4213  1969  99.2  86.00 129.00  6.7  1
## 4214  1420  99.3  33.00  54.00  6.1  3
## 4215  7207  99.9  45.00  90.00  5.0  2
## 4216  1195  98.9   7.80  10.00  7.8  3
## 4217  1436  99.4  33.00  54.00  6.1  3
## 4218  1381  97.0  63.90 100.00  6.4  7
## 4219  1255  99.6  18.30  30.00  6.1  3
## 4220  2078  98.5  42.90  60.00  7.2  3
## 4221  1298  99.1  18.30  30.00  6.1  3
## 4222  1169  99.4  20.20  30.00  6.7  3
## 4223  1293  98.8  47.20  75.00  6.3  3
## 4224  1222  98.1  29.20  75.00  3.9  7
## 4225  1475  99.4  80.00 120.00  6.7  1
## 4226  8701  99.8  31.50  63.00  5.0  2
## 4227  1421  98.0  44.00  60.00  7.3  7
## 4228  1238  99.4  70.50 120.00  5.9  1
## 4229  1463  98.6 139.90 234.00  6.0  1
```

```
## 4230  1092  98.4  15.00  45.00  3.3  2
## 4231   831  97.7   2.00  10.00  2.0  7
## 4232  1289  99.1  86.00 129.00  6.7  1
## 4233  1121  99.2  42.80  68.00  6.3  3
## 4234   966  97.9  40.00  60.00  6.7  7
## 4235  1037  99.0  18.00  45.00  4.0  2
## 4236   844  99.1   1.90  10.00  1.9  4
## 4237  1067  98.2  18.00  45.00  4.0  7
## 4238  1765  98.3  41.60  60.00  6.9  3
## 4239  1097  98.5  18.00  45.00  4.0  2
## 4240  4920  99.8  45.00  90.00  5.0  2
## 4241  1089  98.1  42.00  60.00  7.0  7
## 4242  1000  99.5  68.00 136.00  5.0  1
## 4243   875  99.3  18.00  45.00  4.0  2
## 4244   944  99.3  28.30  45.00  6.3  3
## 4245  4521  99.9  12.40  20.80  6.0  3
## 4246  5763  99.9  31.50  63.00  5.0  2
## 4247  1020  98.8  28.30  45.00  6.3  3
## 4248  2988 100.0  12.40  20.80  6.0  3
## 4249   674  98.2  19.20  48.00  4.0  7
## 4250  1084  99.3  55.90 105.60  5.3  2
## 4251   660  98.9  18.70  48.00  3.9  2
## 4252  1090  99.5  70.40 117.00  6.0  1
## 4253   722  97.5  17.50  45.00  3.9  7
## 4254   792  98.0  27.00  45.00  6.0  7
## 4255 12016 100.0  10.90  21.80  5.0  2
## 4256   731  99.6  36.50  54.00  6.8  3
## 4257   750  99.3  50.00  75.00  6.7  3
## 4258   965  99.9  28.00  42.00  6.7  3
## 4259  2443  99.8  44.60  67.00  6.7  3
## 4260   638  98.0  33.00  66.00  5.0  7
## 4261  4920  99.6  45.00  90.00  5.0  2
## 4262  7830 100.0  10.90  21.80  5.0  2
```

```
## 4263  682  99.3  60.00  90.00  6.7  3
## 4264  694  98.1  42.00  60.00  7.0  7
## 4265 3177  99.7  77.40 129.00  6.0  1
## 4266 3949  99.8   8.00  60.00  1.3  4
## 4267  574  99.0  55.90  88.80  6.3  3
## 4268  650  98.6  23.80  45.00  5.3  2
## 4269 9026  99.9  10.90  21.80  5.0  2
## 4270  747  97.5  18.00  45.00  4.0  7
## 4271  704  98.2  18.00  45.00  4.0  7
## 4272  563  98.0  22.50  45.00  5.0  7
## 4273  997  99.3  90.30 129.00  7.0  1
## 4274  487  95.5  41.50  66.00  6.3  7
## 4275  901 100.0  90.30 129.00  7.0  1
## 4276  704  97.9  27.00  45.00  6.0  7
## 4277 2855  99.8  64.50 129.00  5.0  1
## 4278 1122  99.8  90.30 129.00  7.0  1
## 4279 5139  99.9  42.00  63.00  6.7  3
## 4280  518  98.5  18.00  45.00  4.0  2
## 4281  537  99.1  30.30  41.40  7.3  3
## 4282  615  99.2  42.80  68.00  6.3  3
## 4283 4533  99.9  31.50  63.00  5.0  2
## 4284  406  97.5  36.90  52.80  7.0  7
## 4285 2448 100.0  12.40  20.80  6.0  3
## 4286  469  98.3  28.30  45.00  6.3  7
## 4287 1985  99.8  77.40 129.00  6.0  1
## 4288  510  98.8  18.00  45.00  4.0  2
## 4289  672  99.1  32.10  51.00  6.3  3
## 4290  487  97.1  15.00  45.00  3.3  7
## 4291 3154 100.0  45.00  90.00  5.0  2
## 4292  612  99.7  40.80  68.00  6.0  2
## 4293 2245 100.0  12.40  20.80  6.0  3
## 4294 5298  99.9  42.00  63.00  6.7  3
## 4295  621  98.7 129.20 216.00  6.0  1
```

```
## 4296  380  98.4  27.00  45.00  6.0  7
## 4297  656  98.8  55.20  82.80  6.7  3
## 4298  492  98.4  28.30  40.50  7.0  3
## 4299 5033  99.9  42.00  63.00  6.7  3
## 4300 1995  99.8  64.50 129.00  5.0  1
## 4301  483  98.1  18.90  27.00  7.0  7
## 4302  641  99.4  24.00  36.00  6.7  3
## 4303  859  99.7  52.80 105.60  5.0  2
## 4304 6205 100.0  10.90  21.80  5.0  2
## 4305 4509 100.0  45.00  90.00  5.0  2
## 4306 3602  99.9  31.50  63.00  5.0  2
## 4307  490  98.4  24.90  55.50  4.5  7
## 4308 3628 100.0  45.00  90.00  5.0  2
## 4309  415  98.8  45.00  90.00  5.0  2
## 4310  550  99.5  27.30  39.00  7.0  3
## 4311  838  99.8  71.70 105.60  6.8  1
## 4312  571  99.8  25.20  36.00  7.0  3
## 4313  335  94.9  20.00  75.00  2.7  7
## 4314 2630 100.0  45.00  90.00  5.0  2
## 4315  547  99.3  39.20  56.00  7.0  3
## 4316  749  99.6  63.30 105.60  6.0  2
## 4317 1740  99.9  64.50 129.00  5.0  1
## 4318 1465  99.7  17.60  45.00  3.9  2
## 4319  395  98.2  25.20  36.00  7.0  7
## 4320 2562 100.0  12.40  20.80  6.0  3
## 4321 3175  99.9  45.00  90.00  5.0  2
## 4322  444  99.5 163.20 272.00  6.0  1
## 4323  422  96.4  30.00  45.00  6.7  7
## 4324 3397  99.9  12.40  20.80  6.0  3
## 4325 9906 100.0  10.90  21.80  5.0  2
## 4326  517  99.2  38.00  56.00  6.8  3
## 4327  387  99.7   8.90  17.80  5.0  2
## 4328  336  99.7  10.60  17.80  6.0  3
```

```
## 4329  4164  100.0  42.00  63.00  6.7  3
## 4330  6476  100.0  10.90  21.80  5.0  2
## 4331   441   99.3  51.00 102.00  5.0  2
## 4332  1951  100.0  12.40  20.80  6.0  3
## 4333  4117  100.0   8.10  20.80  3.9  2
## 4334  6768  100.0  10.90  21.80  5.0  2
## 4335   414   98.3  17.80  25.50  7.0  3
## 4336  5412  100.0  10.90  21.80  5.0  2
## 4337 12842  100.0  10.90  21.80  5.0  2
## 4338  2895   99.9  45.00  90.00  5.0  2
## 4339  3081  100.0  45.00  90.00  5.0  2
## 4340   285  100.0  24.00  36.00  6.7  3
## 4341  2660  100.0  12.40  20.80  6.0  3
## 4342   546   98.9  12.00  18.00  6.7  3
## 4343   134   92.5   1.90  10.00  1.9  9
## 4344  3319  100.0  12.40  20.80  6.0  3
## 4345  2002  100.0  11.80  48.00  2.5  2
## 4346  1393   99.9  17.60  45.00  3.9  2
## 4347   319   99.4   4.00  10.00  4.0  2
## 4348  1526   99.9  17.60  45.00  3.9  2
## 4349  2654   99.9  10.90  48.00  2.3  4
## 4350  2568  100.0  12.40  20.80  6.0  3
## 4351   301  100.0  21.00  30.00  7.0  3
## 4352   278   98.9  17.80  25.50  7.0  3
## 4353   280   98.6  17.80  25.50  7.0  3
## 4354   251   99.2  54.00  90.00  6.0  3
## 4355   329   99.1  17.80  25.50  7.0  3
## 4356   798  100.0   6.00  45.00  1.3  4
## 4357   386  100.0  15.40  19.50  7.9  3
## 4358   243  100.0  67.20  96.00  7.0  3
## 4359  3748   99.9  30.00  60.00  5.0  2
## 4360   260  100.0  17.80  25.50  7.0  3
## 4361   680   99.6  23.20  58.00  4.0  2
```

```
## 4362   272  98.9   4.00  10.00 4.0 2
## 4363  1901  99.9   8.90  22.80 3.9 2
## 4364   382  99.7  27.00  30.00 9.0 3
## 4365   310  99.4  12.60  18.00 7.0 3
## 4366  2260  99.9  12.40  20.80 6.0 3
## 4367   341  99.4  13.60  19.50 7.0 3
## 4368  7511  99.9  10.90  21.80 5.0 2
## 4369   534  99.8  31.70  60.00 5.3 2
## 4370  6994  99.9  10.90  21.80 5.0 2
## 4371   287  98.6  27.30  39.00 7.0 3
## 4372   256  96.1  21.00  30.00 7.0 7
## 4373  8010  99.9  10.90  21.80 5.0 2
## 4374  1734  99.8  28.00  60.00 4.7 2
## 4375  4604 100.0  10.90  21.80 5.0 2
## 4376   777  99.7  18.00  30.00 6.0 3
## 4377   245 100.0  17.80  25.50 7.0 3
## 4378   289  98.6  17.80  25.50 7.0 3
## 4379   120  95.0   1.90  10.00 1.9 7
## 4380   236  98.3  27.00  45.00 6.0 7
## 4381   265  99.6  28.30  45.00 6.3 3
## 4382   936 100.0  37.80  60.00 6.3 3
## 4383  4387 100.0  10.90  21.80 5.0 2
## 4384   255  99.6  26.00  39.00 6.7 3
## 4385  4304 100.0  10.90  21.80 5.0 2
## 4386  1412  99.9  85.50 171.00 5.0 1
## 4387   303  99.0  17.80  25.50 7.0 3
## 4388   191 100.0  45.30  72.00 6.3 3
## 4389   252  98.4  45.50  67.00 6.8 3
## 4390   271  99.3  21.00  30.00 7.0 3
## 4391   261  98.9  21.00  30.00 7.0 3
## 4392   211  98.6  55.00  91.80 6.0 3
## 4393   181 100.0   6.00  12.00 5.0 2
## 4394   267 100.0  17.80  25.50 7.0 3
```

```
## 4395  157 100.0  26.20  37.50 7.0 3
## 4396  202  97.5  15.70  22.50 7.0 7
## 4397 3141 100.0  45.00  90.00 5.0 2
## 4398  198  98.5  95.60 151.80 6.3 1
## 4399  268  99.3  17.00  25.50 6.7 3
## 4400  181  99.4  23.70  30.00 7.9 3
## 4401  135  99.3   8.80  14.80 5.9 3
## 4402  120  99.2  24.00  60.00 4.0 2
## 4403  197  98.5  35.20  52.80 6.7 3
## 4404  259  98.8  17.60  30.00 5.9 3
## 4405  269  98.5  13.00  19.50 6.7 3
## 4406  209  99.5  17.80  25.50 7.0 3
## 4407  178  99.4  32.00  48.00 6.7 3
## 4408  239  99.6  17.80  25.50 7.0 3
## 4409  192  97.9  17.80  25.50 7.0 7
## 4410  189  97.9  17.80  25.50 7.0 7
## 4411  249 100.0  10.50  18.00 5.8 2
## 4412 1006  99.9  22.60  58.00 3.9 2
## 4413  222  99.5  21.00  30.00 7.0 3
## 4414  200  98.5  14.10  22.50 6.3 3
## 4415  180  97.2  17.80  25.50 7.0 7
## 4416  163  99.4  17.80  25.50 7.0 3
## 4417  173 100.0  20.70  30.00 6.9 3
## 4418  300  98.7  33.60  60.00 5.6 3
## 4419  125 100.0  11.80  15.00 7.9 3
## 4420  995  99.9  17.60  45.00 3.9 2
## 4421  216 100.0 138.00 200.00 6.9 1
## 4422  911  99.7  25.60 158.00 1.6 4
## 4423  185  97.8   7.00  21.00 3.3 7
## 4424 1085  99.8  27.00  60.00 4.5 2
## 4425  148 100.0  17.00  25.50 6.7 3
## 4426  974 100.0  23.40  60.00 3.9 2
## 4427  185 100.0  17.80  25.50 7.0 3
```

```
## 4428  188 100.0 12.70  25.50  5.0 2
## 4429  195  99.0 11.20  16.00  7.0 3
## 4430  151 100.0 17.80  25.50  7.0 3
## 4431  331  99.1 54.90  91.60  6.0 3
## 4432  782 100.0 20.50  28.00  7.3 3
## 4433  174  99.4 15.20  25.50  6.0 3
## 4434  318  99.4 39.60  79.20  5.0 2
## 4435  231  99.1 12.00  18.00  6.7 3
## 4436  452 100.0 15.80  30.00  5.3 2
## 4437  183  97.8 35.00  50.00  7.0 7
## 4438  159  99.4 29.40  42.00  7.0 3
## 4439  195  99.5 16.00  25.50  6.3 3
## 4440  676  99.6 22.50  45.00  5.0 2
## 4441  200  99.0 38.00  66.00  5.8 3
## 4442  105  97.1 41.40  58.00  7.1 7
## 4443  202  98.5  7.00  12.00  5.8 7
## 4444  876  99.9 22.50  45.00  5.0 2
## 4445  169  99.4 11.20  16.00  7.0 3
## 4446  395  99.7  8.80  18.00  4.9 2
## 4447  127  98.4 36.90  52.80  7.0 3
## 4448 2191  99.9 45.00  90.00  5.0 2
## 4449  156 100.0 17.80  25.50  7.0 3
## 4450  195  99.0  7.00  12.00  5.8 3
## 4451  145  99.3 17.80  25.50  7.0 3
## 4452  138  99.3 12.00  18.00  6.7 3
## 4453  184  98.9  7.00  12.00  5.8 3
## 4454  147  98.0 21.00  30.00  7.0 7
## 4455  115 100.0 32.50  49.50  6.6 3
## 4456 1212 100.0 85.50 171.00  5.0 1
## 4457  298 100.0 14.30  22.80  6.3 3
## 4458  159  99.4 25.20  36.00  7.0 3
## 4459  177  98.3  7.90  10.00  7.9 3
## 4460  835 100.0 56.00  84.00  6.7 3
```

```
## 4461  134 100.0 26.00  39.00 6.7 3
## 4462  609  99.8  8.80  18.00 4.9 2
## 4463  167  99.4 70.40 105.60 6.7 3
## 4464  182  98.9 12.60  18.00 7.0 3
## 4465  356  99.4 18.90  30.00 6.3 3
## 4466  182  98.9  9.40  13.50 7.0 3
## 4467  240 100.0 37.60  64.00 5.9 2
## 4468 3119  99.9 45.00  90.00 5.0 2
## 4469  164 100.0 30.30  41.40 7.3 3
## 4470  170  98.2 17.80  25.50 7.0 7
## 4471  307  99.7 59.30  94.20 6.3 3
## 4472  861 100.0  8.10  18.00 4.5 2
## 4473  185  98.4 12.60  18.00 7.0 3
## 4474 3016  99.9 10.90  21.80 5.0 2
## 4475  189  98.4 17.80  25.50 7.0 3
## 4476 1068 100.0 85.50 171.00 5.0 1
## 4477  252 100.0 39.60  79.20 5.0 2
## 4478  110  98.2 15.70  22.50 7.0 7
## 4479 2245  99.9 10.00  10.00 10.0 3
## 4480 3742  99.9 10.90  21.80 5.0 2
## 4481  114 100.0 18.80  30.00 6.3 3
## 4482  130 100.0 69.00 100.00 6.9 3
## 4483  200  97.5  6.40  10.00 6.4 7
## 4484  146 100.0 12.00  18.00 6.7 3
## 4485  106 100.0 44.10  64.00 6.9 3
## 4486  142  99.3 21.00  30.00 7.0 3
## 4487 2137  99.9 10.90  21.80 5.0 2
## 4488  415 100.0  6.00  10.00 6.0 3
## 4489  147  99.3 11.20  22.50 5.0 2
## 4490  419 100.0 47.00  84.00 5.6 2
## 4491 1000  99.9 23.40  60.00 3.9 2
## 4492  402  99.8 18.90  30.00 6.3 3
## 4493  616  99.7 61.40 128.00 4.8 1
```

```
## 4494  3782  99.9  10.90  21.80  5.0  2
## 4495   129  98.4   8.00  12.00  6.7  3
## 4496   339  99.7  22.50  45.00  5.0  2
## 4497   136  99.3  66.20  96.00  6.9  3
## 4498   111  98.2  15.70  22.50  7.0  7
## 4499    52  94.2  27.10  37.00  7.3  9
## 4500   701 100.0  23.40  60.00  3.9  2
## 4501   428 100.0  20.50  28.00  7.3  3
## 4502   111 100.0  10.50  18.00  5.8  2
## 4503  1484  99.9  63.00  90.00  7.0  3
## 4504  1492  99.9  45.00  90.00  5.0  2
## 4505   152  99.3   6.90   8.80  7.8  3
## 4506  1158  99.8  85.50 171.00  5.0  1
## 4507   106  98.1  18.20  26.00  7.0  7
## 4508    91 100.0  14.10  22.50  6.3  3
## 4509   119 100.0  49.90  79.20  6.3  3
## 4510   103  99.0   7.90  10.00  7.9  3
## 4511  1136  99.9  27.00  60.00  4.5  2
## 4512    95  97.9  17.80  25.50  7.0  7
## 4513   133  98.5  34.30  48.00  7.1  3
## 4514   570  99.8   8.80  18.00  4.9  2
## 4515   136  98.5  48.90  81.60  6.0  3
## 4516   183  98.4   7.90  10.00  7.9  3
## 4517   584 100.0  23.40  60.00  3.9  2
## 4518   593  99.8  56.00  84.00  6.7  3
## 4519   342  99.7  46.40  92.90  5.0  2
## 4520   103  99.0  15.70  22.50  7.0  3
## 4521   114  99.1  25.20  36.00  7.0  3
## 4522   104  97.1  13.20  22.50  5.9  7
## 4523    91  97.8  10.50  18.00  5.8  7
## 4524   447 100.0  22.50  45.00  5.0  2
## 4525   457 100.0   8.00  16.00  5.0  2
## 4526   102  99.0  34.00  51.00  6.7  3
```

```
## 4527  259  100.0   8.80  12.00 7.3 3
## 4528  109  100.0  15.70  22.50 7.0 3
## 4529  148   98.6   7.90  10.00 7.9 3
## 4530  348  100.0  10.60  20.00 5.3 2
## 4531  349  100.0   8.10  18.00 4.5 2
## 4532  205   98.5  15.40  19.50 7.9 3
## 4533  394  100.0  10.80  18.00 6.0 3
## 4534  106  100.0  12.60  18.00 7.0 3
## 4535  122  100.0   7.90  10.00 7.9 3
## 4536  113   99.1  20.00  30.00 6.7 3
## 4537  109   99.1  28.20  48.00 5.9 3
## 4538  525  100.0  76.80 153.60 5.0 1
## 4539  813  100.0  85.50 171.00 5.0 1
## 4540  332  100.0  10.80  18.00 6.0 3
## 4541  347  100.0   8.00  16.00 5.0 2
## 4542  379  100.0  10.80  18.00 6.0 3
## 4543   73   98.6  17.60  26.40 6.7 3
## 4544  108  100.0  21.00  30.00 7.0 3
## 4545   76   98.7  64.30  90.00 7.1 3
## 4546   92   98.9  16.80  25.20 6.7 3
## 4547  150  100.0  45.00  90.00 5.0 2
## 4548 2183   99.9  10.90  21.80 5.0 2
## 4549  119   98.3  37.60  64.00 5.9 7
## 4550   56   94.6 168.00 336.00 5.0 9
## 4551   63   98.4  35.00  50.00 7.0 3
## 4552  110  100.0  14.70  21.00 7.0 3
## 4553   71  100.0  17.80  25.50 7.0 3
## 4554  249  100.0   8.80  12.00 7.3 3
## 4555   99  100.0  34.00  51.00 6.7 3
## 4556   57  100.0  14.00  20.10 7.0 3
## 4557  100   99.0  13.20  22.50 5.9 3
## 4558   90   98.9  25.20  36.00 7.0 3
## 4559  104  100.0  17.60  30.00 5.9 2
```

```
## 4560   125 100.0 56.70  90.00 6.3 3
## 4561   103  99.0 18.90  30.00 6.3 3
## 4562    94 100.0 16.00  25.50 6.3 3
## 4563    56 100.0 15.00  22.50 6.7 3
## 4564   252 100.0  8.00  16.00 5.0 2
## 4565   259  99.6  8.00  16.00 5.0 2
## 4566   252  99.6  8.80  12.00 7.3 3
## 4567    70 100.0 30.00  51.00 5.9 2
## 4568    81  96.3  4.80   6.00 8.0 7
## 4569  1308 100.0 29.80 197.80 1.5 4
## 4570   371 100.0 10.80  18.00 6.0 3
## 4571    68 100.0 19.00  30.00 6.3 3
## 4572   111 100.0  7.00  10.00 7.0 3
## 4573  1475 100.0 45.00  90.00 5.0 2
## 4574    62  98.4 64.30  90.00 7.1 3
## 4575   111  99.1  7.30  10.00 7.3 3
## 4576    65 100.0 21.00  30.00 7.0 3
## 4577    63  98.4 14.10  24.00 5.9 7
## 4578    40  97.5  9.40  12.00 7.8 7
## 4579   379  99.7  8.80  18.00 4.9 2
## 4580   146  99.3 28.20  48.00 5.9 3
## 4581   404 100.0  8.00  16.00 5.0 2
## 4582   350 100.0 10.60  20.00 5.3 2
## 4583    56  96.4 12.60  18.00 7.0 7
## 4584    81  98.8 33.60  48.00 7.0 3
## 4585    75  98.7 41.70  52.80 7.9 3
## 4586    79  96.2 17.80  25.50 7.0 7
## 4587    55 100.0 20.00  30.00 6.7 3
## 4588    62  95.2 23.70  30.00 7.9 7
## 4589    71 100.0 11.00  26.40 4.2 2
## 4590   303 100.0 10.60  20.00 5.3 2
## 4591    78 100.0 16.00  25.50 6.3 3
## 4592   470 100.0 52.50 128.00 4.1 2
```

```
## 4593    44  97.7  36.70  91.80  4.0  7
## 4594   417  99.8   8.00  16.00  5.0  2
## 4595    71  97.2  28.30  40.50  7.0  7
## 4596    55 100.0  15.70  22.50  7.0  3
## 4597   185 100.0  18.60  40.00  4.7  2
## 4598   816 100.0  30.00  60.00  5.0  2
## 4599   577 100.0  12.00  24.00  5.0  2
## 4600   275 100.0  97.60 149.00  6.6  1
## 4601   487 100.0   8.80  18.00  4.9  2
## 4602   585 100.0  30.00  60.00  5.0  2
## 4603   115  91.3  30.00  51.00  5.9  9
## 4604   113 100.0   7.90  10.00  7.9  3
## 4605    96 100.0  12.80  20.40  6.3  3
## 4606    78  98.7  44.10  64.00  6.9  3
## 4607    55  98.2  17.80  25.50  7.0  7
## 4608   982  99.9  45.00  90.00  5.0  2
## 4609    75  98.7  15.80  20.00  7.9  3
## 4610    77 100.0  30.00  51.00  5.9  2
## 4611    46  97.8  14.00  20.10  7.0  7
## 4612   602  99.8  13.20  18.00  7.3  3
## 4613    58  94.8   9.60  24.00  4.0  7
## 4614   361 100.0  19.60 198.00  1.0  4
## 4615  1078  99.9  30.00  60.00  5.0  2
## 4616    61 100.0  12.60  18.00  7.0  3
## 4617    63 100.0  13.20  22.50  5.9  2
## 4618    61 100.0  35.70  51.00  7.0  3
## 4619    54 100.0  15.70  22.50  7.0  3
## 4620    45 100.0  14.00  20.10  7.0  3
## 4621    59  98.3  15.70  22.50  7.0  3
## 4622    50  98.0  35.70  51.00  7.0  7
## 4623    62 100.0  12.60  18.00  7.0  3
## 4624    66 100.0  30.30  38.40  7.9  3
## 4625   229  99.6  20.00  60.00  3.3  2
```

```
## 4626   76  100.0  17.60  30.00  5.9  2
## 4627   98  100.0  19.70  30.00  6.6  3
## 4628   74   98.6  14.00  20.00  7.0  3
## 4629   98  100.0  14.70  21.00  7.0  3
## 4630   54   96.3  14.00  20.10  7.0  7
## 4631   56   96.4  26.20  37.50  7.0  7
## 4632 1813   99.9  30.00  60.00  5.0  2
## 4633 1493   99.9  45.00  90.00  5.0  2
## 4634  590  100.0  12.00  24.00  5.0  2
## 4635   57  100.0  12.00  30.00  4.0  2
## 4636   57  100.0  17.60  25.20  7.0  3
## 4637  183  100.0  10.60  20.00  5.3  2
## 4638  105  100.0  12.00  20.00  6.0  3
## 4639  211  100.0  10.60  20.00  5.3  2
## 4640  512   99.8  36.00  60.00  6.0  2
## 4641   72  100.0  17.60  30.00  5.9  2
## 4642   55  100.0  50.40 120.00  4.2  2
## 4643   39  100.0  11.80  20.10  5.9  2
## 4644   53  100.0  17.80  25.50  7.0  3
## 4645   71  100.0  26.80  38.40  7.0  3
## 4646   67  100.0  21.00  30.00  7.0  3
## 4647   64   98.4  15.00  22.50  6.7  3
## 4648  337  100.0  18.00  30.00  6.0  2
## 4649   37  100.0   5.30  10.00  5.3  2
## 4650   58  100.0  17.60  30.00  5.9  2
## 4651 1341   99.9 105.00 210.00  5.0  1
## 4652   40   97.5  27.00  45.00  6.0  7
## 4653   56   98.2  17.80  25.50  7.0  7
## 4654   69   98.6  12.60  18.00  7.0  3
## 4655   65   98.5  23.70  30.00  7.9  3
## 4656   59  100.0  35.70  51.00  7.0  3
## 4657   76   98.7  25.20  36.00  7.0  3
## 4658   52   98.1  22.00  37.50  5.9  7
```

## 4659	56	98.2	12.00	18.00	6.7	7
## 4660	480	100.0	28.00	42.00	6.7	3
## 4661	43	100.0	22.00	37.50	5.9	2
## 4662	55	100.0	35.70	51.00	7.0	3
## 4663	103888	97.3	1.00	2.00	5.0	7
## 4664	305979	100.0	49.00	98.00	5.0	8
## 4665	8861	99.9	96.00	192.00	5.0	1
## 4666	12692	99.9	70.00	140.00	5.0	1
## 4667	28568	99.3	28.00	56.00	5.0	2
## 4668	241566	100.0	63.90	128.00	5.0	8
## 4669	14899	99.7	39.40	78.80	5.0	2
## 4670	214193	99.9	44.00	88.00	5.0	8
## 4671	8767	98.9	56.40	112.80	5.0	2
## 4672	13963	99.9	63.90	128.00	5.0	1
## 4673	265911	100.0	49.50	99.00	5.0	8
## 4674	72840	98.3	1.00	2.00	5.0	7
## 4675	17993	99.3	2.70	4.50	6.0	3
## 4676	22342	99.4	25.00	50.00	5.0	2
## 4677	75882	99.9	34.00	68.00	5.0	2
## 4678	78084	99.9	23.80	199.20	5.0	1
## 4679	9986	99.0	99.60	108.00	5.0	1
## 4680	7034	98.9	54.00	500.00	5.0	5
## 4681	11609	98.6	250.00	7.00	6.3	1
## 4682	13632	99.6	4.40	28.00	5.0	2
## 4683	9064	98.9	54.00	108.00	5.0	2
## 4684	11065	98.2	4.40	7.00	6.3	7
## 4685	9850	99.2	132.00	220.00	6.0	1
## 4686	6553	99.1	42.10	64.00	6.6	3
## 4687	6809	99.4	40.10	64.00	6.3	3
## 4688	6954	98.8	40.10	64.00	6.3	3
## 4689	63375	99.9	1.00	2.00	5.0	2
## 4690	8161	98.0	15.00	19.00	7.9	7
## 4691	8864	99.5	11.60	14.80	7.8	3

```
## 4692   7909  98.7   9.90  19.90 5.0 2
## 4693   6606  99.5  42.10  64.00 6.6 3
## 4694   9151  99.1   2.00   5.00 4.0 2
## 4695  11204  99.3  82.80 144.00 5.8 1
## 4696   9900  99.0  12.80  20.00 6.4 3
## 4697  83079  99.9  80.00 160.00 5.0 1
## 4698  39099  99.9  12.00  80.00 1.5 4
## 4699   3375  99.9 144.00 288.00 5.0 1
## 4700  91000 100.0  14.60  20.00 7.3 3
## 4701   7025  98.4   4.40   7.00 6.3 7
## 4702   7542  98.4   5.90  14.80 4.0 7
## 4703   6355  99.4 132.00 220.00 6.0 1
## 4704   7318  99.1   2.20   4.50 4.9 2
## 4705   5984  98.8  95.20 190.40 5.0 1
## 4706  40125  99.9   9.90  29.40 3.4 2
## 4707   8252  98.9   2.20   4.50 4.9 2
## 4708   6243  99.3  14.20  18.00 7.9 3
## 4709  36022  99.9  25.40  39.80 6.4 3
## 4710   7819  98.4   5.60   8.80 6.4 7
## 4711   6341  97.9   3.40   7.50 4.5 7
## 4712   5776  99.2  10.90  13.80 7.9 3
## 4713  62960  99.8  34.80 120.00 2.9 2
## 4714   5510  98.1  11.00  15.00 7.3 7
## 4715   1266 100.0  44.50  89.00 5.0 2
## 4716   5086  99.9 148.50 188.00 7.9 1
## 4717  65744 100.0  65.80   2.00 5.0 2
## 4718   4626  98.6   1.00  10.80 7.9 3
## 4719   5499 100.0   8.50 168.00 4.5 2
## 4720   5243  98.6  75.60   7.00 6.3 3
## 4721   4856  98.5   4.40   6.00 6.2 3
## 4722   4858  98.4   3.70  15.00 7.3 3
## 4723  43550  99.9  34.50  69.00 5.0 2
## 4724   7067  98.5   6.10   8.80 6.9 3
```

```
## 4725  1502  99.9  54.40  69.80  7.8  3
## 4726  25353  99.9  72.00  91.20  7.9  3
## 4727  2751  99.1  35.10  90.00  3.9  2
## 4728  5352  99.1  10.90  13.80  7.9  3
## 4729  6756  99.2  5.20  9.50  5.5  2
## 4730  4371  98.1  15.00  19.00  7.9  3
## 4731  2354  100.0  76.80  128.00  6.0  1
## 4732  6159  99.3  2.30  5.00  4.6  2
## 4733  4902  99.0  8.10  12.80  6.3  3
## 4734  2610  100.0  53.80  69.00  7.8  3
## 4735  1375  100.0  49.50  99.00  5.0  2
## 4736  4903  98.7  3.70  6.00  6.2  3
## 4737  5696  99.0  2.70  4.50  6.0  3
## 4738  4606  99.1  8.10  12.80  6.3  3
## 4739  4918  98.9  12.40  15.80  7.8  3
## 4740  3858  98.1  9.50  19.00  5.0  7
## 4741  4433  97.0  12.80  32.00  4.0  7
## 4742  4398  97.8  30.00  60.00  5.0  7
## 4743  4961  98.6  38.30  76.60  5.0  2
## 4744  4538  98.1  5.40  7.50  7.2  7
## 4745  4133  98.4  35.00  50.00  7.0  3
## 4746  36767  100.0  87.70  119.60  7.3  1
## 4747  4722  99.5  11.60  14.80  7.8  3
## 4748  4759  98.8  3.70  6.00  6.2  3
## 4749  47689  99.8  35.60  71.20  5.0  2
## 4750  3829  98.6  9.30  12.80  7.3  3
## 4751  4502  99.0  3.90  8.00  4.9  2
## 4752  2741  96.8  22.00  82.80  2.7  7
## 4753  4607  99.3  8.10  12.80  6.3  3
## 4754  4299  98.7  4.40  7.00  6.3  3
## 4755  3549  97.5  7.20  18.00  4.0  7
## 4756  70129  100.0  87.70  119.60  7.3  1
## 4757  34697  99.9  9.70  22.80  4.3  2
```

```
## 4758  46184 100.0  87.70 119.60 7.3 1
## 4759   3802  99.4   8.10  12.80 6.3 3
## 4760   3634  98.2   5.40   7.50 7.2 7
## 4761   3692  98.8   4.40   7.00 6.3 3
## 4762  63645 100.0  11.50  15.80 7.3 3
## 4763   3537  99.3  10.90  13.80 7.9 3
## 4764   4491  99.1   2.30   5.00 4.6 2
## 4765   3952  98.1   5.40   7.50 7.2 7
## 4766   5214  99.5   1.70   3.50 4.9 2
## 4767   3459  99.4  24.00  48.00 5.0 2
## 4768   4606  99.6  22.50  45.00 5.0 2
## 4769   3651  99.0  43.00  68.00 6.3 3
## 4770   3058  96.5  31.20  80.00 3.9 7
## 4771   3124  97.6  24.50  35.00 7.0 7
## 4772  58208 100.0  74.00 148.00 5.0 1
## 4773   3078  99.2   8.10  12.80 6.3 3
## 4774   4980  99.3  40.20  59.50 6.8 3
## 4775   3168  98.1   1.70   3.50 4.9 7
## 4776   2769  99.2   8.10  12.80 6.3 3
## 4777  47128  99.7  35.60  71.20 5.0 2
## 4778   2661  98.0   7.50  15.00 5.0 7
## 4779   2104  98.5  18.70  48.00 3.9 2
## 4780  60781 100.0  49.50  99.00 5.0 2
## 4781   3100  98.0   5.10  12.80 4.0 7
## 4782 309444  99.9 137.50 275.00 5.0 8
## 4783   2966  99.2  15.00  30.00 5.0 2
## 4784  74226  99.9  99.50 199.00 5.0 1
## 4785   2628  97.9   6.00   9.00 6.7 7
## 4786   2715  98.7  19.00  38.00 5.0 2
## 4787  23005  99.9   9.90  63.20 1.6 4
## 4788   1683  97.3   5.40   6.90 7.8 7
## 4789   2839  98.5   3.48   9.00 6.7 3
## 4790   2349  99.3   6.00   6.80 6.9 3
```

```
## 4791   3049  98.8   4.70    6.00  6.2 3
## 4792   2678  98.3   3.70   10.80  7.9 3
## 4793   3985  98.9   8.50   25.00  6.6 3
## 4794   2802  98.9  16.60    6.00  6.2 3
## 4795   2711  99.2   3.70   36.00  6.3 3
## 4796   1881  98.0  22.50   21.70  3.9 7
## 4797 359096 100.0   8.50  138.00  5.0 8
## 4798   2837  99.4  69.00   14.80  7.8 3
## 4799  10173 100.0  11.60  100.00  1.0 4
## 4800   1879  98.0   9.90   30.00  3.3 7
## 4801    934 100.0  10.00  128.00  7.8 3
## 4802  37581  99.9  99.80 1230.00  4.5 5
## 4803  13250  99.9  29.00   58.00  5.0 2
## 4804   2977  98.5   5.90   11.80  5.0 7
## 4805   2197  97.5   7.90   19.80  4.0 7
## 4806  33920 100.0   8.00   12.00  6.7 3
## 4807   2642  98.9   1.70    3.50  4.9 2
## 4808  21039  99.9  28.80  108.00  2.7 2
## 4809   2427  98.8   4.80    9.00  5.3 2
## 4810  15159  99.6 218.60  328.00  6.7 1
## 4811   2353  98.5  13.10   18.80  7.0 3
## 4812   2674  98.8   1.60    3.50  4.6 2
## 4813   1359  96.8   3.00    6.90  4.3 7
## 4814   2605  99.0   2.00   14.80  3.9 2
## 4815   2822  99.3   5.80   13.80  7.9 3
## 4816   2386  99.3  10.90   14.80  6.4 3
## 4817   2358  99.2   9.40   13.80  7.9 3
## 4818   1673  98.4  10.90   12.00  4.0 7
## 4819   1627  97.7   4.80    6.90  4.3 7
## 4820   2516  98.7   3.00   36.00  6.0 3
## 4821    572 100.0   2.00   47.20  5.0 2
## 4822   1875  97.1  21.60   25.00  6.3 7
## 4823   3065  98.8  12.80   20.00  6.4 3
```

```
## 4824  1948  98.8  90.00  150.00  6.0  1
## 4825  2237  98.9   4.10    9.00  4.6  2
## 4826  3043  98.9   3.00    6.90  4.3  2
## 4827  2506  99.1  30.00   60.00  5.0  2
## 4828  2183  99.5   5.80   14.80  3.9  2
## 4829  1457  97.1   3.00    6.90  4.3  7
## 4830  2653  98.6   2.42   75.20  6.3  3
## 4831  2798  99.0  47.30    6.90  4.3  2
## 4832  2361  98.4   3.00    7.50  7.2  3
## 4833  2027  99.3   5.40   13.80  7.9  3
## 4834 20588  99.9  10.90  108.00  1.9  4
## 4835 10213  99.9  20.50  100.00  5.6  2
## 4836  1290  96.1  56.00    6.90  4.3  7
## 4837  2768  99.0   3.00   46.00  7.9  3
## 4838  3112  99.7   2.00  152.00  2.0  2
## 4839  1730  99.0  36.30   15.00  7.3  3
## 4840  7217 100.0  30.40  152.00  5.0  2
## 4841  2115  99.1  11.00   68.00  7.1  3
## 4842  1773  98.5  76.00   94.80  6.9  3
## 4843  1290  97.2   3.00    6.90  4.3  7
## 4844  5707  99.7   2.00    3.50  4.6  2
## 4845 24658 100.0   1.60   88.00  5.0  2
## 4846  1991  99.0  44.00   98.00  3.9  2
## 4847  2179  97.9  38.20    3.00  4.0  7
## 4848  1908  99.1   1.20   28.80  4.0  2
## 4849   624 100.0  11.50  158.00  1.4  4
## 4850  2160  99.3  22.40   13.80  7.9  3
## 4851  1505  98.9  10.90    6.00  6.5  3
## 4852 21742 100.0   3.90   88.00  1.9  4
## 4853  1807  98.4  16.70    6.80  7.8  3
## 4854  1977  99.2   5.30   14.80  7.8  3
## 4855  2584  99.0  11.60    6.90  4.3  2
## 4856  2205  99.4   3.00   40.00  7.9  3
```

```
## 4857  1471  98.2  31.60  30.00  3.3  7
## 4858  1784  97.3  10.00   6.00  5.0  7
## 4859 26637  99.9   3.00 128.00  1.5  4
## 4860  2197 100.0  19.80 249.00  7.7  1
## 4861 19151  99.8 192.50 104.00  3.2  1
## 4862  1699  99.1  32.80 150.00  6.0  1
## 4863  3006  99.9  22.50  45.00  5.0  2
## 4864  1785  96.9   6.90   8.80  7.8  7
## 4865  1884  98.9   4.10   9.00  4.6  2
## 4866 48693  99.9  60.00 120.00  5.0  2
## 4867  1934  98.7   4.70   9.50  4.9  2
## 4868  1820  98.5   6.00   9.00  6.7  3
## 4869  2195  99.1   4.90   8.80  5.6  3
## 4870  1149  97.5  38.00  66.00  5.8  7
## 4871  1635  99.5  24.40  31.00  7.9  3
## 4872  1782  99.7   5.80  14.80  3.9  2
## 4873  1768  99.4   3.30   8.00  4.1  2
## 4874  1690  99.2   4.40   7.00  6.3  3
## 4875  1423  98.8  31.90 119.80  2.7  2
## 4876  1571  99.2  90.00 150.00  6.0  1
## 4877  1411  99.2   5.10  13.00  3.9  2
## 4878  1533  98.6  10.90  18.80  5.8  3
## 4879  2353  99.2   1.60   3.50  4.6  2
## 4880  3533  99.6 140.00 250.00  5.6  1
## 4881  1880  99.2  48.60  68.00  7.1  3
## 4882   997  99.4  20.40  30.00  6.8  3
## 4883  2372  98.8   3.00   6.90  4.3  2
## 4884 47518 100.0  63.90 128.00  5.0  1
## 4885 40691  99.8  60.00 120.00  5.0  2
## 4886  2387  99.0  12.80  20.00  6.4  3
## 4887 10858  99.9   2.00   5.00  4.0  2
## 4888  2612  99.8  11.90  23.80  5.0  2
## 4889  5563  99.8   1.60   3.50  4.6  2
```

```
## 4890      1838  98.7  22.10  28.00  7.9  3
## 4891      3648  99.8  54.40 136.00  4.0  2
## 4892       452 100.0  57.00 114.00  5.0  2
## 4893      1522  99.2  10.90  13.80  7.9  3
## 4894      1495  99.1  12.50  18.80  6.6  3
## 4895      1507  99.9 131.80 206.00  6.4  1
## 4896      1674  99.0   1.70   3.50  4.9  2
## 4897      1722  98.7  10.00  15.00  6.7  3
## 4898      1534  97.4   6.60   9.00  7.3  7
## 4899      1445  98.5   5.30   6.80  7.8  3
## 4900      1021  99.5  40.00  80.00  5.0  2
## 4901     11579  99.9  19.60  26.80  7.3  3
## 4902   1106771  99.7   7.85 703.00  6.0 10
## 4903      1866  98.1   2.10   3.00  7.0  7
## 4904      1922  99.2   3.70   8.00  4.6  2
## 4905      1382  98.0  10.90  18.80  5.8  7
## 4906     52463  99.8  31.40  39.80  7.9  3
## 4907     14235  99.9  68.00 136.00  5.0  1
## 4908       873  94.5  24.00  60.00  4.0  7
## 4909      6049  99.8   1.70   3.50  4.9  2
## 4910       966  97.7   2.70   6.90  3.9  7
## 4911      2228  98.9   2.00   6.90  4.2  2
## 4912      1255 100.0   2.90 240.00  4.5  1
## 4913     13121 100.0 108.00 108.00  1.9  4
## 4914     32003 100.0  20.50  69.00  5.0  2
## 4915      1632  99.6  34.50  39.00  6.9  3
## 4916      1266  97.1   5.39  12.90  7.8  7
## 4917      1726  99.2  26.90   6.00  5.0  2
## 4918      1707  98.2  10.10  10.00  6.6  7
## 4919     10346  99.9   3.00 210.00  6.0  1
## 4920      1224  98.6   6.60   2.00  6.5  3
## 4921     10879  99.8 125.90  36.00  2.8  4
## 4922      8670  99.9   1.30 158.80  2.1  2
```

```
## 4923  1365  99.3   5.70  28.80 2.0 4
## 4924  1725  98.5  10.50  15.00 7.0 3
## 4925   780  96.9   3.00   6.90 4.3 7
## 4926 25918 100.0   2.00  15.80 7.3 3
## 4927  5339  99.8  11.50   3.50 4.6 2
## 4928  2071  99.0   1.60  17.80 6.3 3
## 4929  1676  99.4  11.20  28.80 3.3 2
## 4930  1486  98.9   9.60   7.00 6.3 3
## 4931  1242  98.1   4.40  48.60 4.0 7
## 4932  9168  99.6  19.40   4.00 5.0 2
## 4933  1179  97.8   2.00  12.90 7.1 7
## 4934  1282  99.0   9.20  28.80 2.0 4
## 4935  2028  99.0   5.70   6.90 4.3 2
## 4936   788  95.8   3.00  60.00 4.0 7
## 4937  1481  98.8  24.00  19.80 7.9 3
## 4938  1539  98.1  15.60  13.80 5.0 7
## 4939  1122 100.0   6.90 192.00 5.0 2
## 4940  7573  99.9  96.00   4.00 5.0 2
## 4941  4866  99.9   2.00   4.00 5.0 2
## 4942 28027  99.8   2.00 120.00 5.0 2
## 4943  1496  98.3   7.90  19.80 4.0 7
## 4944   948  97.3  39.00 100.00 3.9 7
## 4945  1235  97.6   2.99  17.50 7.9 7
## 4946  1743  99.4  13.80  12.00 5.6 2
## 4947  1759  98.5   6.70 117.60 6.7 3
## 4948 11678  99.9  79.00 123.40 7.3 1
## 4949  1747  99.7  90.40  72.00 5.0 2
## 4950 23436 100.0  36.00 119.60 7.3 3
## 4951  1315  99.8  87.70  70.00 7.9 3
## 4952  1575  99.2  55.30  15.80 3.9 2
## 4953  1807  98.9   6.20   6.90 4.3 2
## 4954  1224  98.1   3.00   7.50 7.2 7
## 4955 13342 100.0   5.40  20.00 5.0 2
```

```
## 4956  15469  99.9  10.00  148.00  5.0  2
## 4957   2189  99.5  74.00    3.50  4.6  2
## 4958    784  98.6   1.60   48.00  4.0  2
## 4959   1863  99.2  19.20   32.00  6.7  3
## 4960   1206  98.8  21.30   38.00  4.0  2
## 4961   7911 100.0  15.20   87.00  2.9  2
## 4962   1174  98.9  25.20   10.00  6.7  3
## 4963   2195  99.8  19.70   28.00  7.0  3
## 4964   1545  99.0   3.00    6.90  4.3  2
## 4965  22661 100.0  11.50   15.80  7.3  3
## 4966   1687  99.8   4.10    6.00  6.8  3
## 4967   2321  99.7  11.20   24.80  4.5  2
## 4968   1598  99.1   4.90    9.80  5.0  2
## 4969   1789  99.5  15.00   23.60  6.4  3
## 4970   1724  99.5  20.50   28.00  7.3  3
## 4971   1255  97.7  15.70   35.20  4.5  7
## 4972   1009  99.4  65.30   94.80  6.9  3
## 4973   1256  99.1  56.00   89.00  6.3  3
## 4974   1319  98.1   2.30    3.00  7.7  7
## 4975  34058  99.7  60.00  120.00  5.0  2
## 4976  13106  99.9  33.70  204.00  1.7  4
## 4977   1170  99.1  11.50   28.80  4.0  2
## 4978   4105  99.7   1.60    3.50  4.6  2
## 4979   1498  98.5   1.20    3.00  4.0  2
## 4980  30233  99.9 157.50  315.00  5.0  1
## 4981  43629  99.9  44.70   69.00  6.5  3
## 4982   3171 100.0  89.40  178.80  5.0  1
## 4983   1059  98.0  15.80   31.60  5.0  7
## 4984   1209  99.3  35.50   45.00  7.9  3
## 4985   2747  99.9  22.40  249.00  5.0  1
## 4986   4591  99.9 124.50    3.50  4.6  2
## 4987   1434  99.1   1.60   28.00  5.0  2
## 4988   2837  99.5  14.00    3.50  5.1  2
```

```
## 4989   997  98.9   1.80  47.40 6.0 3
## 4990  5933  99.9  28.40   4.00 5.0 2
## 4991  1003  97.3   2.00  63.20 7.0 7
## 4992  1655  99.3  44.20  11.80 7.0 3
## 4993  1218 100.0   8.30  68.00 5.0 2
## 4994  1511  99.1 110.50   8.00 4.9 2
## 4995  1208  99.3   3.90  15.00 7.1 3
## 4996  1069  98.3  10.70  35.00 7.1 3
## 4997  1209  99.8  25.00  60.00 5.0 2
## 4998  1174  96.8  30.00   9.80 6.2 7
## 4999 44449 100.0   6.10 698.00 5.0 5
## 5000  1026  96.8 349.00  13.80 7.9 6
## 5001  1184  99.6  10.90  20.00 7.2 3
## 5002  1566  99.5  12.70  20.00 6.4 3
## 5003 11736  99.9   7.90  15.80 5.0 2
## 5004  1628  98.8  14.00  28.00 5.0 2
## 5005  7934 100.0 192.50 249.00 7.7 1
## 5006 12496  99.9  52.40  88.80 5.9 2
## 5007  6737  99.9 100.80 180.00 5.6 1
## 5008  1316  98.3   7.00  10.00 7.0 3
## 5009   839  98.5   7.72  10.00 6.4 3
## 5010  1014  98.9   6.40  63.20 6.9 3
## 5011  9098  99.9  43.50  67.20 1.5 4
## 5012  1417  99.1   9.90  30.00 5.0 2
## 5013  1132  98.2  15.00   9.00 5.0 7
## 5014  1327  99.5   4.50  28.80 3.3 2
## 5015  1336  99.0   9.60   6.00 7.0 3
## 5016  1167  96.9   4.20  42.00 6.3 7
## 5017   792  99.4  26.40  60.00 6.9 3
## 5018 10139 100.0  41.10  87.00 1.9 4
## 5019  1224  99.1  16.50 160.00 7.3 3
## 5020   801 100.0 117.30 148.00 7.9 1
## 5021  2537 100.0 117.00 498.00 6.4 5
```

```
## 5022   876  97.1  6.50   9.80 6.6 7
## 5023   933  99.5 43.50  59.40 7.3 3
## 5024 46328 100.0 47.60  68.00 7.0 3
## 5025  1759  99.7 10.60  16.00 6.6 3
## 5026   929  98.6 15.80  23.80 6.6 3
## 5027  1345  99.1  9.00  12.80 7.0 3
## 5028 27038  99.3 26.50  39.80 6.7 3
## 5029  1365  99.6  4.10   6.00 6.8 3
## 5030  1238  99.3 55.70  78.00 7.1 3
## 5031  1097  98.4  7.60  12.80 5.9 7
## 5032  1089  98.9  2.00   3.00 6.7 3
## 5033 16012  99.8 44.00  60.00 7.3 3
## 5034  4489  99.9  2.00   4.00 5.0 2
## 5035   886  98.9  6.70  10.00 6.7 3
## 5036  1216  99.7 14.30  20.00 7.2 3
## 5037   926  98.2  6.70   9.80 6.8 7
## 5038 10048  99.9 45.10 112.80 4.0 2
## 5039  1159  99.3 16.70  22.80 7.3 3
## 5040  3412  99.6  2.80   4.00 7.0 3
## 5041  1327  98.5  5.30   6.80 7.8 3
## 5042   603  97.8  9.60  24.00 4.0 7
## 5043  4636  99.9  3.90   6.00 6.5 3
## 5044  2667  99.7 56.40 141.00 4.0 2
## 5045   341  99.7 70.40 110.00 6.4 1
## 5046   602  98.0 23.50  58.80 4.0 7
## 5047   906  97.8  1.20   2.00 6.0 7
## 5048   985  98.0  5.50   7.50 7.3 7
## 5049  1302  98.9  5.10  13.00 3.9 2
## 5050  1266  98.4 15.60  19.80 7.9 3
## 5051  1701  99.9 75.00 150.00 5.0 1
## 5052  1814  99.7 19.70  28.00 7.0 3
## 5053  5417  99.9 49.00 108.00 4.5 2
## 5054  1076  99.5  3.20   9.80 3.3 2
```

```
## 5055   976  98.7  6.60  10.00 6.6 3
## 5056 18560  99.9 24.90 120.00 2.1 2
## 5057   925  97.5  6.80  13.60 5.0 7
## 5058   934  97.6  3.50   5.00 7.0 7
## 5059  5293  99.9 19.90  39.80 5.0 2
## 5060  2751  99.5 20.80 160.00 1.3 4
## 5061   747  96.1 20.00  60.00 3.3 7
## 5062   950  98.6  4.70   6.80 6.9 3
## 5063  1444 100.0 15.30  23.00 6.7 3
## 5064 11509 100.0 34.50  69.00 5.0 2
## 5065  9509 100.0  5.40  13.90 3.9 2
## 5066   655  96.8 26.60  38.00 7.0 7
## 5067   628  99.7 10.90  13.80 7.9 3
## 5068 15490 100.0  7.70  19.80 3.9 2
## 5069  6893  99.9  1.70   3.50 4.9 2
## 5070 10934 100.0 14.90  29.80 5.0 2
## 5071 10088 100.0 59.00 118.00 5.0 2
## 5072   772  96.4  2.10   3.00 7.0 7
## 5073  6692  99.9 29.00  58.00 5.0 2
## 5074 13406  99.9 10.00  20.00 5.0 2
## 5075   818  98.0  6.80  13.60 5.0 7
## 5076   589 100.0 47.00  67.20 7.0 3
## 5077  1059  99.5 11.50  28.80 4.0 2
## 5078   894  99.6 33.60  50.00 6.7 3
## 5079  1008  98.2  4.70   6.80 6.9 7
## 5080  1329  99.5  4.10   6.00 6.8 3
## 5081  1138  98.6  7.50  12.00 6.3 3
## 5082  1282  98.9 30.00  60.00 5.0 2
## 5083   818  99.1  9.10  12.80 7.1 3
## 5084  2980  99.7 40.80 120.00 3.4 2
## 5085  1057  98.4  5.30   6.80 7.8 3
## 5086  7216  99.9 23.70  59.20 4.0 2
## 5087   715  97.9 26.50  39.80 6.7 7
```

```
## 5088  1032  98.8  28.40  36.00  7.9  3
## 5089  1332  98.6   3.40   6.00  5.7  3
## 5090  8738 100.0   5.40  13.90  3.9  2
## 5091   756  99.6  42.40  59.40  7.1  3
## 5092   833  99.4   9.50  13.80  6.9  3
## 5093   976  99.8  11.50  28.80  4.0  2
## 5094  1080  97.5   7.00  10.00  7.0  7
## 5095  2437  99.2   3.00  70.80  3.9  2
## 5096  1076  99.1  27.60  21.80  4.5  2
## 5097   833  98.9   9.80   8.50  4.0  2
## 5098  1158  98.4   3.40  10.00  6.6  3
## 5099   603  99.0   6.60  52.00  4.0  2
## 5100 11723  99.9  20.80 200.00  4.5  1
## 5101   973  99.4  90.00  28.80  4.0  2
## 5102  1166  99.0   9.00  12.80  7.0  3
## 5103 16774 100.0  75.00 150.00  5.0  1
## 5104   452  99.3  10.90  13.80  7.9  3
## 5105  2013 100.0   6.60   9.90  6.7  3
## 5106   708  98.4  86.90 124.20  7.0  1
## 5107  1672  99.8  29.00  58.00  5.0  2
## 5108  1123  97.9   2.00   3.00  6.7  7
## 5109  4174  99.9   2.00   4.00  5.0  2
## 5110 29497 100.0  25.60  35.00  7.3  3
## 5111  4076 100.0   2.00   4.00  5.0  2
## 5112  1018  99.2  22.10  28.00  7.9  3
## 5113  1238  98.9  16.00  32.00  5.0  2
## 5114   696  96.3   0.90   1.80  5.0  7
## 5115   790  98.1   5.20  13.00  4.0  7
## 5116   711  97.0  16.80  23.00  7.3  7
## 5117  5460 100.0  37.50  75.00  5.0  2
## 5118   528  99.1  20.40  51.00  4.0  2
## 5119   911  99.1  11.50  14.80  7.8  3
## 5120  7948  99.8  83.80 239.40  3.5  1
```

```
## 5121  1141  99.6  11.40  18.00  6.3  3
## 5122  1193  99.5  37.60  58.80  6.4  3
## 5123   863  98.3   4.00   6.00  6.7  7
## 5124   699  98.3  77.50 129.60  6.0  1
## 5125  1014  99.4   6.40   9.60  6.7  3
## 5126  9666 100.0  28.80  96.00  3.0  2
## 5127  8834  99.6  14.50  19.80  7.3  3
## 5128  6293  99.9   6.28  39.80  2.7  2
## 5129  5110  99.8  10.78  51.20  4.5  2
## 5130   376  99.7  23.10  13.80  7.9  3
## 5131   365  99.5  10.90  13.80  7.9  3
## 5132   508  97.0  10.90  25.00  5.0  7
## 5133  1148  99.0  12.50   6.90  4.3  2
## 5134  1835  99.9   3.00   9.90  7.0  3
## 5135  1129  99.4   6.90  28.00  7.9  3
## 5136   956  99.7  22.10  70.00  5.0  2
## 5137  1116  99.4  35.00   9.80  5.0  2
## 5138   982  99.1   4.90  99.00  7.0  3
## 5139  5538  99.9  69.30  80.00  6.4  3
## 5140   752  99.1  51.20   6.00  4.0  2
## 5141  2962  99.8   2.40   3.50  4.9  2
## 5142 27639  99.9  44.70  69.00  6.5  3
## 5143   652  99.5   9.10  12.80  7.1  3
## 5144  1021  99.9  39.00  78.00  5.0  2
## 5145   813  99.6  22.10  28.00  7.9  3
## 5146   898  99.3  24.00  48.00  5.0  2
## 5147  1693  99.6  21.10  26.80  7.9  3
## 5148   565  99.8  13.67  90.00  5.8  2
## 5149 50413  98.9  52.50 345.00  5.0  1
## 5150   279  99.6 172.50  13.80  7.9  1
## 5151  8095  99.9  10.90 203.20  1.9  2
## 5152   724  99.4  39.60  94.80  6.7  3
## 5153   930  99.0  63.20   8.80  7.0  3
```

```
## 5154    556  98.0   6.20  63.20 5.0 7
## 5155  10441 100.0  31.60 126.40 2.2 2
## 5156   5639  99.9  28.00  32.80 7.3 3
## 5157    462  98.5  24.00  23.00 7.3 3
## 5158    681  99.0  16.80   6.00 3.8 2
## 5159    774  99.5   2.30   6.90 4.3 2
## 5160    807  99.0   3.00  48.00 7.0 3
## 5161   1012  99.2  33.60   4.90 7.8 3
## 5162  11074  98.9  27.50  55.00 5.0 2
## 5163  89277  99.9  61.60  78.00 7.9 3
## 5164   9138  99.3  49.50 118.00 4.2 2
## 5165  66980  99.8  63.90 128.00 5.0 1
## 5166   6688  97.9  46.00 118.00 3.9 7
## 5167   6558 100.0  76.80 120.00 6.4 1
## 5168   6621  98.6  44.00  88.00 5.0 2
## 5169   5909  99.9 120.00 154.00 7.8 1
## 5170   5476  98.9  27.20  60.00 4.5 2
## 5171   5340  98.3  10.60  16.00 6.6 7
## 5172   5247  99.2  70.20 180.00 3.9 1
## 5173   5313  98.6  41.40  59.20 7.0 3
## 5174   4736  98.5  41.40  59.20 7.0 3
## 5175 114491  99.8  84.00 168.00 5.0 1
## 5176   3553  97.5  49.20  73.80 6.7 7
## 5177  13393  99.7  85.00 170.00 5.0 1
## 5178   4837  98.7  16.00  26.80 6.0 3
## 5179   3767  98.6  30.00  45.00 6.7 3
## 5180  60485  99.9  18.00  36.00 5.0 2
## 5181   1018  97.8  19.50  26.80 7.3 7
## 5182   3360  99.0  61.60  88.00 7.0 3
## 5183   2054  96.1  19.40  49.80 3.9 7
## 5184   3966  97.7 126.30 159.90 7.9 1
## 5185   3196  98.9  32.00  80.00 4.0 2
## 5186   3631  98.3 118.40 149.90 7.9 1
```

## 5187	26060	99.9	28.80	150.00	1.9	4
## 5188	3053	97.5	13.60	34.80	3.9	7
## 5189	3013	98.6	32.00	80.00	4.0	2
## 5190	3010	99.0	58.60	88.00	6.7	3
## 5191	6024	99.9	105.60	180.00	5.9	1
## 5192	3533	96.8	11.60	40.00	2.9	7
## 5193	17321	99.9	139.00	139.00	10.0	1
## 5194	3237	97.6	5.00	9.00	5.6	7
## 5195	33681	99.9	34.00	68.00	5.0	2
## 5196	2831	97.9	9.90	19.80	5.0	7
## 5197	2857	99.3	98.70	156.00	6.3	1
## 5198	3474	98.8	25.90	32.80	7.9	3
## 5199	854	92.4	20.90	49.80	4.2	9
## 5200	2171	97.3	94.00	188.00	5.0	7
## 5201	24026	99.9	34.00	68.00	5.0	2
## 5202	49992	99.9	69.00	138.00	5.0	1
## 5203	2494	97.8	9.90	19.80	5.0	7
## 5204	2363	99.4	90.00	126.00	7.1	1
## 5205	126093	99.8	134.00	268.00	5.0	1
## 5206	13360	99.9	139.00	139.00	10.0	1
## 5207	2321	99.4	114.40	156.00	7.3	1
## 5208	1990	99.0	118.40	149.90	7.9	1
## 5209	2258	99.5	99.70	136.00	7.3	1
## 5210	360720	99.9	444.00	888.00	5.0	5
## 5211	34654	99.9	184.90	234.00	7.9	1
## 5212	2253	97.6	28.10	72.00	3.9	7
## 5213	12124	99.9	139.00	139.00	10.0	1
## 5214	2377	99.4	99.70	136.00	7.3	1
## 5215	2560	99.1	141.70	179.40	7.9	1
## 5216	18296	99.9	45.30	68.00	6.7	3
## 5217	2942	99.7	22.60	29.00	7.8	3
## 5218	16286	99.9	63.90	128.00	5.0	1
## 5219	12062	99.9	139.00	139.00	10.0	1

```
## 5220  9683  99.8  139.00  139.00  10.0  1
## 5221  1903  99.2   25.60   38.40   6.7  3
## 5222  1347  97.7   44.80  168.00   2.7  7
## 5223   524  99.6   26.70   39.80   6.7  3
## 5224  1481  98.0    2.00   13.80   7.9  7
## 5225 29286  99.9   10.90  178.00   5.0  2
## 5226  2262  99.4   88.90    9.00   7.0  3
## 5227  2051  99.7    6.30  390.00   6.9  1
## 5228  2282  98.6  267.50   16.00   6.6  1
## 5229  1697  99.4   10.60   25.00   7.9  3
## 5230 18533  99.9   19.70   90.00   3.9  2
## 5231  2494  99.9   35.10  180.00   5.6  1
## 5232  1676  99.1  100.80  107.20   7.1  1
## 5233 17590 100.0   76.60   89.00   5.0  2
## 5234  1190  98.8   44.50   94.60   7.9  3
## 5235  1533  99.2   74.70  149.90   7.9  1
## 5236  1892  98.5  118.40  107.20   7.1  1
## 5237  2236  99.8   76.60  156.00   7.9  1
## 5238  4301  99.8  123.20  168.00   5.0  1
## 5239  1405  98.6   84.00   60.00   4.2  2
## 5240 16330  99.9   50.40  100.80   5.0  2
## 5241 34443 100.0   35.60   49.90   7.1  3
## 5242  9593  99.9   14.99   88.00   4.5  2
## 5243  6297  99.9   39.60  218.00   5.0  1
## 5244  2299  99.6  109.00   14.80   7.3  3
## 5245   660  99.8   10.80   32.80   6.4  3
## 5246  1471  98.8   20.90   29.90   6.8  3
## 5247 10319  99.9   20.20   39.80   5.0  2
## 5248  1649  98.8   19.90  186.80   7.9  3
## 5249 22570  99.9  147.50  128.00   5.0  1
## 5250   910  98.1   63.90   98.00   2.9  7
## 5251   909  97.8   28.40   98.00   2.9  7
## 5252  2976  99.5   28.40   68.00   8.9  3
```

```
## 5253    880  97.8  60.50  98.00 2.9 7
## 5254   2763  99.9  28.40  78.00 6.5 3
## 5255   1866  99.4  50.90  37.00 7.9 3
## 5256  39520  99.5  29.20 418.00 7.5 1
## 5257  13128  99.9 313.50 270.00 1.1 6
## 5258   1485  98.7  29.50  88.80 7.1 3
## 5259   2006  99.9  63.40  39.00 7.8 3
## 5260   1470  99.7  93.00 189.90 4.9 1
## 5261   8655  96.5   9.90  19.80 5.0 7
## 5262   2355  98.9   4.80   9.00 5.3 2
## 5263  14296 100.0 117.00 234.00 5.0 1
## 5264    919  97.6  54.00  80.00 6.8 7
## 5265    848  97.5  28.40  98.00 2.9 7
## 5266  26509  99.9  94.00 188.00 5.0 1
## 5267  18468  99.9  69.00 138.00 5.0 1
## 5268   1010  97.3 142.40 356.00 4.0 1
## 5269   8132  99.9  50.40 100.80 5.0 2
## 5270   1482  98.0  10.60  16.00 6.6 7
## 5271    812  98.4  28.40  98.00 2.9 2
## 5272    906  99.6  33.10  48.00 6.9 3
## 5273   1833  99.9  10.50  14.80 7.1 3
## 5274   2782  99.0  69.00 138.00 5.0 1
## 5275   9613  99.9  63.90 128.00 5.0 1
## 5276   1962  99.8  10.50  14.80 7.1 3
## 5277   4313  99.6  27.80  90.00 3.1 2
## 5278   1962  99.9  10.50  14.80 7.1 3
## 5279 352745  99.9 123.00 246.00 5.0 8
## 5280   1293  98.1  15.60  19.80 7.9 3
## 5281   1359  97.9  31.40  39.80 7.9 7
## 5282   2018  99.5  22.90  29.00 7.9 3
## 5283   1035  97.9   9.90  19.80 5.0 7
## 5284   7369  95.2   9.90  19.80 5.0 7
## 5285   2113  99.6  25.40  39.00 6.5 3
```

```
## 5286  16821  99.9  88.90  178.00  5.0  1
## 5287   2075  99.7  39.20   60.00  6.5  3
## 5288   1632  99.0  33.00    9.00  7.0  3
## 5289    907 100.0   6.30  195.70  7.3  1
## 5290   8971  99.9 143.50   88.00  5.0  1
## 5291   8617  99.8  44.00  128.00  5.0  2
## 5292  19027  99.9  63.90  178.00  5.0  1
## 5293   9863  99.8  88.90  485.00  5.0  5
## 5294  20699  99.9 242.50  178.00  5.0  1
## 5295   1075  98.6  88.90   18.60  5.0  2
## 5296  54366  99.5   9.30   58.00  7.5  3
## 5297  31926 100.0  43.50  306.00  6.7  1
## 5298    325 100.0 204.00  608.00  3.9  5
## 5299   2714 100.0  44.40   68.00  6.5  3
## 5300   2011  99.7 103.00  168.00  6.1  1
## 5301  14604 100.0  69.00  138.00  5.0  1
## 5302  30672  99.9  74.50  149.00  5.0  1
## 5303   8057  99.9  24.40   40.00  6.1  3
## 5304   5870  94.3   9.90   19.80  5.0  9
## 5305   1641  99.5  22.90   29.00  7.9  3
## 5306   1585  99.6  10.50   14.80  7.1  3
## 5307  18160  99.9 105.00  210.00  5.0  1
## 5308   1712  99.7  26.10   39.00  6.7  3
## 5309   5272  92.8   9.90   19.80  5.0  9
## 5310   6849 100.0  22.60   79.80  2.8  2
## 5311   1140  98.9  37.20   79.90  4.7  2
## 5312   1499  99.4  49.00   98.00  5.0  2
## 5313   2680  99.9  37.80   58.00  6.5  3
## 5314    951  98.3   9.90   19.90  5.0  7
## 5315   1106  98.6   9.30   18.60  5.0  2
## 5316   6489 100.0 140.00  280.00  5.0  1
## 5317   1607  99.4 123.20  156.00  7.9  1
## 5318    972  98.9  55.10   69.80  7.9  3
```

```
## 5319  1599  99.9  10.50  14.80  7.1  3
## 5320  1083  99.0  25.70  36.00  7.1  3
## 5321   661  98.2   4.20  10.00  4.2  7
## 5322  1356  98.1  84.40 140.80  6.0  1
## 5323  3364  99.6  53.80  88.00  6.1  3
## 5324  1401  99.6  19.40  29.00  6.7  3
## 5325 13491 100.0  16.00  32.00  5.0  2
## 5326  7956  99.7  84.00 168.00  5.0  1
## 5327 15833  99.8  48.00  96.00  5.0  2
## 5328  5057  99.7  25.28 145.60  6.7  3
## 5329  1215  99.6  97.00  98.00  5.0  1
## 5330  1150  99.4  49.00 224.00  6.3  1
## 5331   657  96.7 141.10  10.00  4.2  7
## 5332  1206  99.2   9.30  16.90  7.9  3
## 5333  1206  99.0  13.30  18.00  6.7  3
## 5334  5760  99.9  12.00 150.00  1.3  4
## 5335  1095  99.6  19.60 118.00  6.7  3
## 5336   859  99.7  79.30  59.20  7.1  3
## 5337  2251  99.6  42.30  39.00  6.7  3
## 5338 26850  99.9  24.00  48.00  5.0  2
## 5339  2120  99.9  20.90 298.00  7.3  1
## 5340 45227  99.7 218.50  80.00  5.0  1
## 5341 13586 100.0  40.00 144.00  2.1  2
## 5342  1014  98.0  29.80  14.80  7.3  7
## 5343  3382  90.8  10.80  19.80  5.0  9
## 5344   853  96.6   9.90  76.80  5.0  7
## 5345  1054  98.7  38.40  48.00  5.0  2
## 5346  9027 100.0  24.00 100.80  5.0  2
## 5347  9607  99.8  50.40 228.00  5.0  1
## 5348  7594 100.0 114.00 100.00  1.2  4
## 5349 17464  99.9  11.60 222.00  5.0  1
## 5350 18081  99.9 111.00 148.00  5.0  1
## 5351   883  98.8  74.00  12.00  7.8  3
```

```
## 5352   589  98.6   9.40  32.80  6.6 3
## 5353   888  99.2   1.00  14.80  7.1 3
## 5354  1039  99.4  21.80  14.80  6.8 3
## 5355  9374 100.0  10.50  96.00 10.0 3
## 5356  1277  99.7  10.00  68.00  6.5 3
## 5357  1147  99.6  96.00  39.00  7.9 3
## 5358  5131  99.8 150.00 225.00  6.7 1
## 5359   862  99.3   9.30  18.60  5.0 2
## 5360  1735  99.5  38.20  98.00  3.9 2
## 5361  9430  99.9  49.00  98.00  5.0 2
## 5362   286  97.9  25.80  38.80  6.6 7
## 5363  3029  99.8 168.00 168.00 10.0 1
## 5364   991  99.4 143.50 181.70  7.9 1
## 5365  4383  91.4   9.90  19.80  5.0 9
## 5366 17960 100.0 123.20 168.00  7.3 1
## 5367   674  99.1  37.70 130.00  2.9 2
## 5368   671  99.1 104.10 248.00  4.2 1
## 5369   854  99.2  18.00  36.00  5.0 2
## 5370  2892  99.9  36.60  51.20  7.1 3
## 5371  3782  99.9  92.80 238.00  3.9 1
## 5372  2305  99.7  53.80  88.00  6.1 3
## 5373  8257  99.9  50.40 100.80  5.0 2
## 5374  3982  99.7  84.00 168.00  5.0 1
## 5375   869  99.3  13.30  16.90  7.9 3
## 5376  4790  99.9  41.80  52.80  7.9 3
## 5377   627  99.0  80.60 128.00  6.3 1
## 5378   707  99.3  11.60  14.80  7.8 3
## 5379   527  98.1  22.40  56.00  4.0 7
## 5380   746  98.4  35.20  52.80  6.7 3
## 5381   757  99.3  10.80  14.80  7.3 3
## 5382  1015  98.9  12.00  18.00  6.7 3
## 5383  2703  85.9   9.90  19.80  5.0 9
## 5384   772  98.8  31.40  42.00  7.5 3
```

```
## 5385  3239  90.2   9.90  19.80 5.0 9
## 5386   806  99.1  10.80  14.80 7.3 3
## 5387   428  97.2 112.50 164.00 6.9 7
## 5388  2880  99.5  50.90  78.00 6.5 3
## 5389   833  98.9   9.30  18.60 5.0 2
## 5390 17427  99.8 119.00 238.00 5.0 1
## 5391   904  98.1  10.60  16.00 6.6 7
## 5392  2779  99.9  37.50  51.20 7.3 3
## 5393 11141  99.9  90.00 180.00 5.0 1
## 5394   979  99.1   9.60  18.00 5.3 2
## 5395  1068  99.1  95.60 138.00 6.9 1
## 5396   621  98.7  32.00  48.00 6.7 3
## 5397   306  95.1  25.80  38.80 6.6 7
## 5398  1056  99.9  38.60  58.00 6.7 3
## 5399  5703  99.9 165.00 330.00 5.0 1
## 5400   937  99.5  33.10  42.00 7.9 3
## 5401   192  99.5  64.40  81.60 7.9 3
## 5402 25917  99.8  63.90 128.00 5.0 1
## 5403  6064  99.9  80.00 160.00 5.0 1
## 5404   940  99.6  23.80  27.00 8.8 3
## 5405   927  98.9   6.30   9.00 7.0 3
## 5406  1031  99.7  49.00  98.00 5.0 2
## 5407   590  99.0  44.00  88.00 5.0 2
## 5408   461  96.1   2.70   6.80 4.0 7
## 5409  3986  99.9  99.60 199.20 5.0 1
## 5410 10728  99.6  59.00 118.00 5.0 2
## 5411   822  99.4  92.70 138.00 6.7 1
## 5412   794  99.0  10.80  14.80 7.3 3
## 5413  2530  99.8  37.50  51.20 7.3 3
## 5414  1078  99.6  10.00  14.80 6.8 3
## 5415  8982 100.0  88.90 178.00 5.0 1
## 5416  6461  99.7 114.00 228.00 5.0 1
## 5417   610  99.3 175.30 263.00 6.7 1
```

```
## 5418   765  97.3   3.20   6.50 4.9 7
## 5419  4928  99.9 100.60 258.00 3.9 1
## 5420   589  98.8 142.20 180.00 7.9 1
## 5421  1584  99.9  99.00 198.00 5.0 1
## 5422  2960  99.9  18.60  79.80 2.3 2
## 5423   770  99.2   6.40  10.00 6.4 3
## 5424   517  97.7  18.00  26.80 6.7 7
## 5425   881  99.7  10.00  14.80 6.8 3
## 5426   423  96.7  25.20  36.00 7.0 7
## 5427   769  99.3   4.20   6.00 7.0 3
## 5428  3909  99.8 193.00 288.00 6.7 1
## 5429   974  99.4  10.00  14.80 6.8 3
## 5430   711  97.3   5.70   8.00 7.1 7
## 5431   564  98.9  44.00  88.00 5.0 2
## 5432  1042 100.0  99.00 198.00 5.0 1
## 5433   861  99.5   6.00   9.00 6.7 3
## 5434   739  98.6   7.00  11.00 6.4 3
## 5435  2090  99.9  41.40  58.00 7.1 3
## 5436   653  99.1  13.30  16.90 7.9 3
## 5437  3509  99.9 144.00 288.00 5.0 1
## 5438   758  97.5  16.30  22.80 7.1 7
## 5439 13003 100.0 130.50 178.00 7.3 1
## 5440  4630  99.9  72.00 100.00 7.2 3
## 5441  9071  99.9  54.00 108.00 5.0 2
## 5442   857  99.6  13.20  18.00 7.3 3
## 5443  6524  99.9   7.90   9.90 8.0 3
## 5444  1592  99.9  14.20  18.00 7.9 3
## 5445  7052  99.9  77.00  99.60 7.7 3
## 5446   412  97.3   3.20   8.00 4.0 7
## 5447   649  99.2   6.40  10.00 6.4 3
## 5448   971  99.8  38.90  52.00 7.5 3
## 5449   833  99.6  38.90  52.00 7.5 3
## 5450   664  98.8  10.80  14.80 7.3 3
```

```
## 5451   705  99.6  12.00  18.00  6.7  3
## 5452   525  98.9  35.50  45.00  7.9  3
## 5453   666  99.7  31.40  42.00  7.5  3
## 5454   340  95.3   7.90  10.00  7.9  7
## 5455  3934 100.0  83.70 214.50  3.9  1
## 5456  8226  99.9  58.00  58.00 10.0  3
## 5457   191  96.3  77.60 118.00  6.6  7
## 5458   780  99.5  41.00  52.00  7.9  3
## 5459   684  98.4   8.00  11.00  7.3  3
## 5460  6612 100.0  39.90  79.80  5.0  2
## 5461   210  96.2   8.90 180.00  6.3  7
## 5462   867  98.2 112.80  20.00  2.9  7
## 5463  2200  99.5   5.80  88.00  6.5  3
## 5464   509  99.4  57.40  45.00  7.9  3
## 5465   539  98.3  35.50   8.00  7.1  3
## 5466   542  97.8   5.70   9.90  7.9  7
## 5467   413  97.6   7.80 680.00  4.9  5
## 5468   526  98.3 333.20  65.00  4.9  6
## 5469  7600  99.5  31.80 128.00  5.0  2
## 5470   585  97.9  63.90  14.80  6.9  7
## 5471   661  98.0  10.20  40.00  6.3  7
## 5472  2279  99.8  29.60 128.00  2.3  2
## 5473   442  98.4  23.50  29.80  7.9  3
## 5474   967  99.8  22.90  29.00  7.9  3
## 5475   676  99.1  28.40  36.00  7.9  3
## 5476   756  99.1  14.60  20.00  7.3  3
## 5477  1236  99.7  38.70  49.00  7.9  3
## 5478  1317  99.8  94.00 119.00  7.9  1
## 5479   735  99.7  10.50  14.80  7.1  3
## 5480  5824  99.9 315.00 630.00  5.0  5
## 5481   602  99.2  10.50  14.80  7.1  3
## 5482   373  97.1   2.60   8.00  3.3  7
## 5483   518  97.3  30.30  65.00  4.7  7
```

```
## 5484   511  97.8   9.40  12.00 7.8 7
## 5485   533  98.3   4.20   5.00 7.2 3
## 5486   433  97.5   3.60   8.00 5.5 7
## 5487  3995  99.9   4.40 150.00 5.0 2
## 5488  6798  99.9  75.00 128.00 5.0 1
## 5489   258  98.1  63.90 225.00 7.9 1
## 5490   664  99.4 177.70 248.00 5.0 1
## 5491   391 100.0 124.00 288.00 2.0 1
## 5492  8272 100.0 148.60 188.00 7.9 1
## 5493  4061  99.9 198.60 298.00 6.7 1
## 5494   679  97.8 174.50 238.00 7.3 1
## 5495   568  99.3  13.30  16.90 7.9 3
## 5496  2987  99.9  14.90  29.80 5.0 2
## 5497   211  99.1 105.00 150.00 7.0 1
## 5498  8538  99.9  16.00  32.00 5.0 2
## 5499   353  98.9  35.50  45.00 7.9 3
## 5500   580  99.7  13.20  19.80 6.7 3
## 5501  2965 100.0  69.80  95.20 7.3 3
## 5502  2138 100.0 100.80 168.00 6.0 1
## 5503  2895 100.0  60.00 120.00 5.0 2
## 5504   147  96.6  42.60  68.00 6.3 7
## 5505   530  99.8  31.40  42.00 7.5 3
## 5506   688  99.4  41.00  52.00 7.9 3
## 5507 27021  99.9  84.00 126.00 6.7 1
## 5508  7718  99.9  51.00  68.00 7.5 3
## 5509  3859  99.9  24.90  49.80 5.0 2
## 5510   635  99.8  38.90  52.00 7.5 3
## 5511  3970  99.8  94.00 188.00 5.0 1
## 5512   609  99.3   9.70  11.00 8.8 3
## 5513   517  99.0  44.00  88.00 5.0 2
## 5514  1291  99.8   9.40  12.00 7.8 3
## 5515   609  99.7  41.00  52.00 7.9 3
## 5516   412  98.3  16.00  40.00 4.0 7
```

```
## 5517  1348  99.9  95.10  122.00  7.8  1
## 5518  2540 100.0  47.60   95.20  5.0  2
## 5519  4344  99.9 114.00  228.00  5.0  1
## 5520  4565  99.9 286.00  390.00  7.3  5
## 5521   467  99.4   8.10   12.00  6.8  3
## 5522   769  99.3   4.20   52.00  7.9  3
## 5523 24515  99.7  41.00  128.00  5.0  2
## 5524 22608  99.2  63.90  194.00  7.5  1
## 5525   758  99.2 145.50   16.80  7.9  3
## 5526   709  98.9  13.20   20.00  7.3  3
## 5527   653  99.8  14.60   52.00  7.9  3
## 5528  2422 100.0  41.00   95.20  7.3  3
## 5529 27953  99.8  69.80  128.00  5.0  1
## 5530  1798  99.7  63.90   79.80  3.1  2
## 5531   285  99.6  24.80  139.00  6.3  3
## 5532   592  99.8  10.00   14.80  6.8  3
## 5533   549  99.8  15.60   19.80  7.9  3
## 5534   250  99.6  91.80  145.10  6.3  1
## 5535   413  99.8   8.30   12.00  6.9  3
## 5536   504  99.4   4.20   19.80  6.7  3
## 5537   465  99.6  13.20   16.90  7.9  3
## 5538   431  98.6  13.30   12.00  7.8  3
## 5539   549  98.5   9.40    8.00  7.3  3
## 5540   647  99.1   4.36   60.00  6.8  3
## 5541   479  98.3   5.80   12.00  7.8  3
## 5542   649  98.5  40.70   20.00  2.9  2
## 5543 25788  99.7   9.40   68.00  7.5  3
## 5544   228  98.7   2.18   12.00  4.0  2
## 5545  3123  99.9   5.80  864.00  4.5  5
## 5546   270  98.1  51.00  128.00  7.3  7
## 5547   714  99.4   4.80   52.00  7.5  3
## 5548  1115  99.6 388.80   10.00  7.7  6
## 5549   406  96.1  93.80    8.00  7.9  7
```

```
## 5550  426  99.1  38.90  22.80  7.1  3
## 5551  592  99.8   7.70  42.00  7.9  3
## 5552 3821  99.8  22.10  28.00  7.9  3
## 5553  441  99.8   5.50  13.80  4.0  2
## 5554  886  99.9  28.60  36.90  7.8  3
## 5555  211  99.1   4.80  12.00  4.0  2
## 5556 1187  99.6  19.00  29.80  6.4  3
## 5557  615  98.7  30.80  42.00  7.3  3
## 5558 1700  99.8 140.00 280.00  5.0  1
## 5559 3461 100.0  88.00 120.00  7.3  1
## 5560 2212  99.8  49.00 158.00  3.1  2
## 5561  468  99.1  13.30  16.90  7.9  3
## 5562  393  98.0   5.70   8.00  7.1  7
## 5563  693  99.1  10.50  14.80  7.1  3
## 5564 2599  99.8  84.00 168.00  5.0  1
## 5565  204  99.5   4.80  12.00  4.0  2
## 5566  438  98.4   8.50  12.00  7.1  3
## 5567  670  98.8   4.36   7.00  6.4  3
## 5568  537  98.9   4.50  59.20  7.1  3
## 5569 1791 100.0  42.30 225.60  5.0  1
## 5570  532  99.1 112.80  11.00  7.8  3
## 5571  481  99.6  13.20  19.80  6.7  3
## 5572  689  99.9  31.40  42.00  7.5  3
## 5573  597  99.8  24.10  38.00  6.3  3
## 5574  423  98.3  10.80  14.80  7.3  3
## 5575 1713  99.8  60.00 120.00  5.0  2
## 5576 4219 100.0 180.00 360.00  5.0  1
## 5577 2207  99.9  12.60 100.68  1.3  4
## 5578 3234  99.9  94.00 188.00  5.0  1
## 5579 5331  99.9  63.90 128.00  5.0  1
## 5580  366  98.9  47.80  83.00  5.8  3
## 5581  493  99.8  12.00  18.00  6.7  3
## 5582  448  99.1  19.30  29.00  6.7  3
```

```
## 5583  3702  99.9  93.80  128.00  7.3  1
## 5584   201  99.5  51.99   59.20  4.0  2
## 5585   593  99.0  23.60   52.00  7.9  3
## 5586  4599  99.9  41.00  258.00  1.1  1
## 5587   929  99.7  28.80   89.00  5.0  2
## 5588   839 100.0  44.50   98.00  7.1  3
## 5589  6999  99.9  70.00  204.00  5.0  1
## 5590   471  98.7 102.00   88.00  6.0  1
## 5591   479  99.4   7.10   10.00  7.1  3
## 5592   354  98.9  13.30   16.90  7.9  3
## 5593   173  99.4   4.80   12.00  4.0  2
## 5594  4871  99.9  65.00  104.00  6.3  1
## 5595   600  99.3  49.90  128.00  3.9  2
## 5596  7373  99.9   7.78  238.00  5.0  1
## 5597 20434  99.8 119.00  192.00  5.6  1
## 5598   307  99.3 107.50   14.80  7.3  3
## 5599   424  99.1  10.80   65.00  7.0  3
## 5600   367  98.4  45.50    8.00  4.0  7
## 5601   500  99.0   3.20   42.00  7.5  3
## 5602   418  99.8  31.40   13.80  4.0  2
## 5603   345  99.4   5.50   16.90  7.9  3
## 5604   631  99.7  13.30   25.00  6.6  3
## 5605  6087 100.0  16.60   72.00  7.3  3
## 5606   551  99.1  52.80   24.60  6.7  3
## 5607   762  99.6  16.40   79.00  7.9  3
## 5608   516  98.8  62.40   24.60  3.9  2
## 5609  1070 100.0   9.60   72.00  7.1  3
## 5610   456  98.7  51.40   15.80  6.3  3
## 5611   504 100.0  67.00  134.00  5.0  1
## 5612   163  98.8   4.80   12.00  4.0  2
## 5613   663  99.5  16.60   25.00  6.6  3
## 5614 26627  99.7  63.90  128.00  5.0  1
## 5615   353  99.4  10.00   14.80  6.8  3
```

```
## 5616   333 100.0  13.30  16.90 7.9 3
## 5617   333  99.1  11.00  15.00 7.3 3
## 5618 23926  99.7  84.00 168.00 5.0 1
## 5619   360  97.8  93.80 128.00 7.3 7
## 5620 19200  99.8  51.00  68.00 7.5 3
## 5621  5925  99.8  41.40  58.00 7.1 3
## 5622   439  99.5  33.10  42.00 7.9 3
## 5623   428  99.3  15.60  19.80 7.9 3
## 5624   476  99.2   8.10  12.00 6.8 3
## 5625  1465  99.7   4.36 830.00 9.4 5
## 5626  1894  99.9 780.00  10.00 3.9 6
## 5627   351  98.0   3.90  25.80 6.9 7
## 5628  2999  99.9  17.70  65.00 7.3 3
## 5629   271  98.9  47.60  89.90 3.3 2
## 5630   639  99.5  29.90  19.00 7.9 3
## 5631  1000  99.9  41.40  58.00 7.1 3
## 5632    74 100.0  48.80 150.10 3.3 2
## 5633  1481  99.9  26.60  94.80 2.8 2
## 5634   321  99.1  14.90  29.80 5.0 2
## 5635  1284 100.0  84.00 126.00 6.7 1
## 5636 10696  99.8  85.40 108.00 7.9 1
## 5637 10289 100.0  96.00  96.00 10.0 3
## 5638   429  99.3  31.40  42.00 7.5 3
## 5639  6333 100.0  51.00  68.00 7.5 3
## 5640  7908 100.0  51.00  68.00 7.5 3
## 5641   200  99.5 319.20 456.00 7.0 5
## 5642   463  99.6  22.90  29.00 7.9 3
## 5643   596 100.0  20.90  32.80 6.4 3
## 5644   353  99.4  10.00  14.80 6.8 3
## 5645   259  98.8  10.50  14.80 7.1 3
## 5646   618  99.7   9.80  25.00 3.9 2
## 5647   294  98.0  63.90 128.00 5.0 7
## 5648   144  93.8   5.70   8.00 7.1 9
```

```
## 5649   441  98.4  17.80  28.00  6.4  7
## 5650  3616  99.9  30.40  39.00  7.8  3
## 5651 54329 100.0  11.70   0.00  0.0  4
## 5652 40338  99.9  30.00   0.00  0.0  4
## 5653 48992  99.9  16.00   0.00  0.0  4
## 5654  4116  99.1  34.60   0.00  0.0  4
## 5655  3373  99.6 858.50   0.00  0.0  6
## 5656 42286  99.9  16.00   0.00  0.0  4
## 5657 30085  99.8 886.00   0.00  0.0  6
## 5658  2764  98.7 406.60   0.00  0.0  6
## 5659 40292  99.9  17.80   0.00  0.0  4
## 5660  2308  98.4 382.70   0.00  0.0  6
## 5661 17303  99.9  11.90   0.00  0.0  4
## 5662  2354  99.6  89.20   0.00  0.0  4
## 5663 30277  99.9  21.60   0.00  0.0  4
## 5664  3702  98.9  31.80   0.00  0.0  4
## 5665 31913  99.9  17.50   0.00  0.0  4
## 5666 19155  99.9  45.00   0.00  0.0  4
## 5667 15630  99.9 706.00   0.00  0.0  6
## 5668  2554  99.4  42.90   0.00  0.0  4
## 5669  1955  99.7 120.20   0.00  0.0  4
## 5670  2293  99.0  83.00   0.00  0.0  4
## 5671  2841  99.3  40.50   0.00  0.0  4
## 5672  2129  99.6 380.70   0.00  0.0  6
## 5673  2891  99.7  99.70   0.00  0.0  4
## 5674 14213 100.0  23.00   0.00  0.0  4
## 5675  1786  99.1  16.30   0.00  0.0  4
## 5676  9041  99.9  55.10   0.00  0.0  4
## 5677  1937  99.5  16.30   0.00  0.0  4
## 5678  1936  99.4  16.30   0.00  0.0  4
## 5679  1893  99.4  16.30   0.00  0.0  4
## 5680  2045  99.5  16.30   0.00  0.0  4
## 5681  2255  99.5 692.00   0.00  0.0  6
```

```
## 5682  1998  99.0  17.70  0.00  0.0  4
## 5683  2198  99.0  16.30  0.00  0.0  4
## 5684  2149  99.0  16.30  0.00  0.0  4
## 5685  1782  99.2  16.30  0.00  0.0  4
## 5686  1843  99.2  16.30  0.00  0.0  4
## 5687 12884  99.9  36.00  0.00  0.0  4
## 5688 12542  99.9  17.50  0.00  0.0  4
## 5689  1854  99.6  16.30  0.00  0.0  4
## 5690 17939  99.9  31.00  0.00  0.0  4
## 5691  1423  99.4  16.30  0.00  0.0  4
## 5692  1980  99.2  17.70  0.00  0.0  4
## 5693 18926  99.9  29.00  0.00  0.0  4
## 5694  1602  99.4  16.30  0.00  0.0  4
## 5695  1743  99.2  15.80  0.00  0.0  4
## 5696  1620  99.4  16.30  0.00  0.0  4
## 5697  1656  99.2  15.80  0.00  0.0  4
## 5698 13285  99.9  36.00  0.00  0.0  4
## 5699  1657  99.6  16.30  0.00  0.0  4
## 5700  6944  99.9  11.90  0.00  0.0  4
## 5701  1704  99.2  16.30  0.00  0.0  4
## 5702  1534  99.2 211.90  0.00  0.0  4
## 5703  1557  99.4  15.80  0.00  0.0  4
## 5704  1324  99.2  77.40  0.00  0.0  4
## 5705  1577  99.8  16.30  0.00  0.0  4
## 5706 10257  99.9 348.00  0.00  0.0  6
## 5707  9598  99.9  40.00  0.00  0.0  4
## 5708  1341  98.7 174.60  0.00  0.0  4
## 5709  1486  98.7 129.10  0.00  0.0  4
## 5710  1400  99.3  16.30  0.00  0.0  4
## 5711  1690  99.3  55.00  0.00  0.0  4
## 5712 16220  99.9  33.00  0.00  0.0  4
## 5713  1761  99.1 139.70  0.00  0.0  4
## 5714  1569  99.9 368.00  0.00  0.0  6
```

```
## 5715  10420  99.9  16.00  0.00  0.0  4
## 5716   5870  99.8  48.00  0.00  0.0  4
## 5717   1060  99.8 421.20  0.00  0.0  6
## 5718    640  99.5 155.60  0.00  0.0  4
## 5719   8466  99.8  23.90  0.00  0.0  4
## 5720   1401  99.1  40.70  0.00  0.0  4
## 5721   6824  99.8  34.00  0.00  0.0  4
## 5722   1421  98.2  35.70  0.00  0.0  4
## 5723    966  99.8  61.50  0.00  0.0  4
## 5724   1307  99.5  35.00  0.00  0.0  4
## 5725  13373 100.0  19.40  0.00  0.0  4
## 5726   1492  99.5  29.80  0.00  0.0  4
## 5727   5721  99.9  68.50  0.00  0.0  4
## 5728   5891  99.9  88.32  0.00  0.0  4
## 5729   1427  99.8  41.20  0.00  0.0  4
## 5730   1441  98.1  38.60  0.00  0.0  4
## 5731    849  97.9  24.10  0.00  0.0  4
## 5732    978  99.4 314.00  0.00  0.0  6
## 5733   6283  99.9  25.00  0.00  0.0  4
## 5734    827  99.2  25.00  0.00  0.0  4
## 5735    571  99.3  27.20  0.00  0.0  4
## 5736   9555  99.9  15.50  0.00  0.0  4
## 5737   1039  99.5 225.00  0.00  0.0  4
## 5738   9025  99.9  40.00  0.00  0.0  4
## 5739  16197  99.9  33.50  0.00  0.0  4
## 5740   9348  99.9  39.98  0.00  0.0  4
## 5741    790  99.2  76.10  0.00  0.0  4
## 5742    386  95.6 191.00  0.00  0.0  7
## 5743    785  99.4  73.10  0.00  0.0  4
## 5744   8071  99.8  40.00  0.00  0.0  4
## 5745   8938  99.9  33.00  0.00  0.0  4
## 5746    919  99.1 140.40  0.00  0.0  4
## 5747  11678  99.9  17.90  0.00  0.0  4
```

```
## 5748   8491  99.9  21.80  0.00  0.0  4
## 5749    846  98.9  24.30  0.00  0.0  4
## 5750   1048  99.9 346.00  0.00  0.0  6
## 5751    873  99.0  25.30  0.00  0.0  4
## 5752    598 100.0 166.00  0.00  0.0  4
## 5753    597  98.3 791.80  0.00  0.0  6
## 5754    703  98.9 122.70  0.00  0.0  4
## 5755    979  98.8  35.00  0.00  0.0  4
## 5756    876  98.5  66.60  0.00  0.0  4
## 5757    999  99.7  18.60  0.00  0.0  4
## 5758   8556 100.0  23.00  0.00  0.0  4
## 5759    902  99.1  30.20  0.00  0.0  4
## 5760   1021  99.2  35.00  0.00  0.0  4
## 5761   1255  99.4  33.80  0.00  0.0  4
## 5762    525  99.4  27.20  0.00  0.0  4
## 5763    907  99.3  16.30  0.00  0.0  4
## 5764   1071  98.7  39.50  0.00  0.0  4
## 5765    563  98.8 168.30  0.00  0.0  4
## 5766    587 100.0  63.60  0.00  0.0  4
## 5767    523  99.2  27.50  0.00  0.0  4
## 5768    895 100.0  16.30  0.00  0.0  4
## 5769    859  99.4  16.30  0.00  0.0  4
## 5770    539  99.3 150.00  0.00  0.0  4
## 5771    899  98.4  35.00  0.00  0.0  4
## 5772   1189  99.2  29.70  0.00  0.0  4
## 5773    485  99.4  27.50  0.00  0.0  4
## 5774   7378  99.8  26.50  0.00  0.0  4
## 5775  11919  99.9  25.00  0.00  0.0  4
## 5776    511  98.6 122.70  0.00  0.0  4
## 5777    984  99.4  37.70  0.00  0.0  4
## 5778    519  98.1  15.00  0.00  0.0  4
## 5779    599  99.2 155.60  0.00  0.0  4
## 5780    674  99.3  40.80  0.00  0.0  4
```

```
## 5781  866  99.3  36.90  0.00  0.0  4
## 5782  650  99.4 225.40  0.00  0.0  4
## 5783 1194  99.1  26.00  0.00  0.0  4
## 5784  546  99.5  27.20  0.00  0.0  4
## 5785  469  98.5  27.50  0.00  0.0  4
## 5786  854  99.3  35.00  0.00  0.0  4
## 5787 9180 100.0  48.50  0.00  0.0  4
## 5788  439  99.3  27.50  0.00  0.0  4
## 5789 1004  99.4  41.10  0.00  0.0  4
## 5790  534  99.1  61.40  0.00  0.0  4
## 5791  610  99.7  68.00  0.00  0.0  4
## 5792 5363  99.9  23.00  0.00  0.0  4
## 5793  537  98.9  20.40  0.00  0.0  4
## 5794 4539  99.8  29.00  0.00  0.0  4
## 5795  424  99.1  27.20  0.00  0.0  4
## 5796 9644 100.0  15.50  0.00  0.0  4
## 5797 5383  99.9 250.00  0.00  0.0  4
## 5798 2405  99.8 273.60  0.00  0.0  6
## 5799  492  99.2  27.20  0.00  0.0  4
## 5800 6768  99.9  24.80  0.00  0.0  4
## 5801  850  99.2  30.10  0.00  0.0  4
## 5802  510  99.0  27.20  0.00  0.0  4
## 5803 4847  99.6 358.00  0.00  0.0  6
## 5804  892  99.2  39.70  0.00  0.0  4
## 5805  435  99.8  27.50  0.00  0.0  4
## 5806  758  99.9  45.20  0.00  0.0  4
## 5807  430  99.3  27.50  0.00  0.0  4
## 5808  806  99.0  95.90  0.00  0.0  4
## 5809  592 100.0  62.60  0.00  0.0  4
## 5810  580  99.5 110.20  0.00  0.0  4
## 5811 3822  99.9  16.50  0.00  0.0  4
## 5812  525  99.8 134.00  0.00  0.0  4
## 5813 3166  99.9  36.00  0.00  0.0  4
```

```
## 5814          682          99.7         40.70         0.00          0.0          4
## 5815          786          98.5         36.20         0.00          0.0          4
## 5816          740          99.1         30.10         0.00          0.0          4
## 5817          414          98.6         27.50         0.00          0.0          4
## 5818         3941         100.0        286.00         0.00          0.0          6
## 5819          481          99.2         27.20         0.00          0.0          4
## 5820         3540          99.9        153.00         0.00          0.0          4
## 5821         6850          99.9         22.00         0.00          0.0          4
## 5822          501         100.0         27.50         0.00          0.0          4
## 5823          505          99.2         25.50         0.00          0.0          4
## 5824         4495          99.9         21.50         0.00          0.0          4
## 5825          530          99.1         27.20         0.00          0.0          4
## 5826          490          99.2        178.10         0.00          0.0          4
## 5827          549          98.9        116.60         0.00          0.0          4
## 5828         4330          99.9         19.01         0.00          0.0          4
## 5829          499          99.2         23.10         0.00          0.0          4
## 5830          644          99.8         30.10         0.00          0.0          4
## 5831          513          98.8         27.50         0.00          0.0          4
## 5832          785          99.5         89.40         0.00          0.0          4
## 5833         4420          99.9         70.00         0.00          0.0          4
## 5834          756          99.5         47.50         0.00          0.0          4
## 5835         6879         100.0        496.00         0.00          0.0          6
## 5836         5291          99.9         15.80         0.00          0.0          4
## 5837          638          99.7         16.30         0.00          0.0          4
## 5838         4539          99.8         54.10         0.00          0.0          4
## 5839          593          99.5         24.60         0.00          0.0          4
## 5840          438          99.5         31.00         0.00          0.0          4
## 5841          449          98.7         46.50         0.00          0.0          4
## 5842          747          98.8        109.60         0.00          0.0          4
## 5843          470          98.5         23.10         0.00          0.0          4
## 5844         4662          99.9         35.80         0.00          0.0          4
## 5845          472          98.9         20.40         0.00          0.0          4
## 5846          824          99.2         33.80         0.00          0.0          4
```

```
## 5847   421  99.0  40.60  0.00  0.0  4
## 5848  4473 100.0 138.00  0.00  0.0  4
## 5849  2242  99.6 268.00  0.00  0.0  6
## 5850  7897  99.9  24.80  0.00  0.0  4
## 5851   510  98.8  48.00  0.00  0.0  4
## 5852   557  99.5  16.50  0.00  0.0  4
## 5853  3438  99.9  23.40  0.00  0.0  4
## 5854  5588  99.9 946.00  0.00  0.0  6
## 5855   825  99.6  34.40  0.00  0.0  4
## 5856   398  99.7  16.30  0.00  0.0  4
## 5857   527 100.0  16.30  0.00  0.0  4
## 5858   451  99.6  40.00  0.00  0.0  4
## 5859   694  99.9  16.90  0.00  0.0  4
## 5860  6372  99.9  17.00  0.00  0.0  4
## 5861   632  99.2  53.70  0.00  0.0  4
## 5862   459  99.3  16.30  0.00  0.0  4
## 5863   477 100.0  15.80  0.00  0.0  4
## 5864   462  99.6  16.30  0.00  0.0  4
## 5865   649  99.4  36.20  0.00  0.0  4
## 5866  5910 100.0  26.60  0.00  0.0  4
## 5867  2613 100.0  70.00  0.00  0.0  4
## 5868  5683 100.0  17.50  0.00  0.0  4
## 5869   570  99.6  39.80  0.00  0.0  4
## 5870   656  99.2  40.60  0.00  0.0  4
## 5871   352  99.4  16.30  0.00  0.0  4
## 5872  1734  99.9  65.00  0.00  0.0  4
## 5873   537  99.1 230.80  0.00  0.0  4
## 5874   649  99.7  30.10  0.00  0.0  4
## 5875   453 100.0  33.30  0.00  0.0  4
## 5876   360  98.1  26.70  0.00  0.0  4
## 5877   461 100.0 141.00  0.00  0.0  4
## 5878   423  97.9 682.60  0.00  0.0  6
## 5879   503  99.6  62.00  0.00  0.0  4
```

```
## 5880  2008  99.7  25.73  0.00  0.0  4
## 5881  5314 100.0  26.00  0.00  0.0  4
## 5882   478 100.0  33.30  0.00  0.0  4
## 5883   384  98.2  47.80  0.00  0.0  4
## 5884   299  99.3  16.50  0.00  0.0  4
## 5885   599  99.3  42.70  0.00  0.0  4
## 5886   390 100.0  16.30  0.00  0.0  4
## 5887  4643  99.9  22.00  0.00  0.0  4
## 5888  5604  99.9 156.00  0.00  0.0  4
## 5889   477  99.4  41.70  0.00  0.0  4
## 5890   558  99.8  58.70  0.00  0.0  4
## 5891   519  99.4  16.30  0.00  0.0  4
## 5892   277  99.6  65.20  0.00  0.0  4
## 5893   632  98.7  36.20  0.00  0.0  4
## 5894   569  99.8  61.40  0.00  0.0  4
## 5895   285  99.6  22.00  0.00  0.0  4
## 5896   411  99.3 146.50  0.00  0.0  4
## 5897   593  98.7  40.60  0.00  0.0  4
## 5898  2036 100.0  42.00  0.00  0.0  4
## 5899  5048  99.9  45.00  0.00  0.0  4
## 5900  3856  99.9  55.00  0.00  0.0  4
## 5901   435  98.6  32.40  0.00  0.0  4
## 5902  4683 100.0  17.80  0.00  0.0  4
## 5903  1154  99.9  42.50  0.00  0.0  4
## 5904  2911  99.9 228.00  0.00  0.0  4
## 5905  2968  99.8  28.80  0.00  0.0  4
## 5906   464  99.8  16.50  0.00  0.0  4
## 5907   444  99.8  16.30  0.00  0.0  4
## 5908  3685  99.8  60.00  0.00  0.0  4
## 5909   495  99.6  16.70  0.00  0.0  4
## 5910   549  98.2  28.60  0.00  0.0  4
## 5911  3032  99.9 498.00  0.00  0.0  6
## 5912  3796 100.0  31.00  0.00  0.0  4
```

```
## 5913  3155  99.8  268.00  0.00  0.0  6
## 5914   632 100.0   48.00  0.00  0.0  4
## 5915   609  99.0   28.10  0.00  0.0  4
## 5916   409 100.0   16.50  0.00  0.0  4
## 5917  3873  99.9   76.50  0.00  0.0  4
## 5918   257  99.2   21.30  0.00  0.0  4
## 5919  3114  99.8   38.50  0.00  0.0  4
## 5920   456  99.6   16.30  0.00  0.0  4
## 5921   326  98.2   19.30  0.00  0.0  4
## 5922   359  99.7   16.50  0.00  0.0  4
## 5923   438  99.3   28.90  0.00  0.0  4
## 5924   484 100.0   17.70  0.00  0.0  4
## 5925  3004  99.9   14.00  0.00  0.0  4
## 5926   528  99.4   35.10  0.00  0.0  4
## 5927   523  99.4   37.30  0.00  0.0  4
## 5928  3140  99.9   70.00  0.00  0.0  4
## 5929  3294  99.7   20.90  0.00  0.0  4
## 5930   538  99.8   80.30  0.00  0.0  4
## 5931  4434  99.6   15.50  0.00  0.0  4
## 5932  5172 100.0   15.50  0.00  0.0  4
## 5933   392  99.7   16.50  0.00  0.0  4
## 5934   557  99.6   78.40  0.00  0.0  4
## 5935   455  99.1   17.10  0.00  0.0  4
## 5936  2636  99.7   25.60  0.00  0.0  4
## 5937  2452  99.9  329.60  0.00  0.0  6
## 5938   292  99.0   24.30  0.00  0.0  4
## 5939  6332 100.0   40.00  0.00  0.0  4
## 5940   383  99.2   29.30  0.00  0.0  4
## 5941   460  98.3   40.80  0.00  0.0  4
## 5942   277  98.9   24.30  0.00  0.0  4
## 5943   467  99.1  328.00  0.00  0.0  6
## 5944   342  99.1   17.10  0.00  0.0  4
## 5945   250  98.8   26.70  0.00  0.0  4
```

```
## 5946  436  99.1  26.70  0.00  0.0  4
## 5947  472  98.9  44.00  0.00  0.0  4
## 5948  475  99.8  16.30  0.00  0.0  4
## 5949 4826  99.8 332.00  0.00  0.0  6
## 5950  502  99.4  62.80  0.00  0.0  4
## 5951  549  99.3  51.00  0.00  0.0  4
## 5952  528  98.3 107.20  0.00  0.0  4
## 5953  543  98.7  51.10  0.00  0.0  4
## 5954  408  97.3  26.70  0.00  0.0  4
## 5955  530 100.0  16.70  0.00  0.0  4
## 5956  330  99.7  17.10  0.00  0.0  4
## 5957  274  99.3  26.70  0.00  0.0  4
## 5958  430  99.5  26.70  0.00  0.0  4
## 5959  394  99.5  17.60  0.00  0.0  4
## 5960  448  98.7  36.40  0.00  0.0  4
## 5961  316  99.1  16.50  0.00  0.0  4
## 5962 2880  99.9  20.40  0.00  0.0  4
## 5963  487  99.4  24.60  0.00  0.0  4
## 5964  424 100.0 318.70  0.00  0.0  6
## 5965  227  99.6  26.70  0.00  0.0  4
## 5966 4868  99.8  44.00  0.00  0.0  4
## 5967  487  99.2  40.70  0.00  0.0  4
## 5968  380  98.9  32.50  0.00  0.0  4
## 5969 3646  99.9  55.00  0.00  0.0  4
## 5970 3765  99.9  38.90  0.00  0.0  4
## 5971  324  99.7  69.90  0.00  0.0  4
## 5972  418 100.0  42.60  0.00  0.0  4
## 5973 3706  99.9 143.00  0.00  0.0  4
## 5974  270  99.6 151.80  0.00  0.0  4
## 5975 3276 100.0  82.00  0.00  0.0  4
## 5976 2496  99.8  27.50  0.00  0.0  4
## 5977 4263  99.6  24.70  0.00  0.0  4
## 5978  277  99.3  26.70  0.00  0.0  4
```

```
## 5979  447  99.8  17.70  0.00  0.0  4
## 5980  426  99.3  26.70  0.00  0.0  4
## 5981 1381  99.9 794.00  0.00  0.0  6
## 5982  281  98.6  26.70  0.00  0.0  4
## 5983  420  98.8  26.70  0.00  0.0  4
## 5984 2000 100.0  17.50  0.00  0.0  4
## 5985  421  99.8  16.70  0.00  0.0  4
## 5986  273  99.3  16.50  0.00  0.0  4
## 5987  731  99.2  23.50  0.00  0.0  4
## 5988  407  99.5  16.80  0.00  0.0  4
## 5989  427  99.1  45.20  0.00  0.0  4
## 5990 1619  99.8  75.00  0.00  0.0  4
## 5991  507  99.8  16.30  0.00  0.0  4
## 5992 4073 100.0  23.20  0.00  0.0  4
## 5993 5716  99.9 113.00  0.00  0.0  4
## 5994  289  99.3  17.90  0.00  0.0  4
## 5995  366  99.5  15.80  0.00  0.0  4
## 5996 5407  99.9 100.00  0.00  0.0  4
## 5997  611  99.8  35.90  0.00  0.0  4
## 5998  397  99.0  26.70  0.00  0.0  4
## 5999  411 100.0  15.80  0.00  0.0  4
## 6000  476 100.0 156.40  0.00  0.0  4
## 6001 3978  99.9  19.00  0.00  0.0  4
## 6002  255  97.6  38.00  0.00  0.0  4
## 6003  449  99.6  16.00  0.00  0.0  4
## 6004  522  98.9  76.10  0.00  0.0  4
## 6005 2204  99.7 342.00  0.00  0.0  6
## 6006  409  99.5  17.00  0.00  0.0  4
## 6007  376  99.7  16.30  0.00  0.0  4
## 6008  487  99.0  62.00  0.00  0.0  4
## 6009  447  99.8  41.00  0.00  0.0  4
## 6010 5202  99.9  84.00  0.00  0.0  4
## 6011 4163 100.0  28.00  0.00  0.0  4
```

```
## 6012   412  100.0  16.70  0.00  0.0  4
## 6013   242   98.8  26.70  0.00  0.0  4
## 6014   376  100.0  16.00  0.00  0.0  4
## 6015   322   98.1  40.80  0.00  0.0  4
## 6016   292   99.3  16.30  0.00  0.0  4
## 6017  3339   99.9 155.00  0.00  0.0  4
## 6018  1982   99.9  11.70  0.00  0.0  4
## 6019  2772   99.9  13.80  0.00  0.0  4
## 6020  2520  100.0  40.50  0.00  0.0  4
## 6021   468   99.6  16.80  0.00  0.0  4
## 6022   272   98.9  24.30  0.00  0.0  4
## 6023   362   98.9   7.40  0.00  0.0  4
## 6024  2064   99.8  79.00  0.00  0.0  4
## 6025   368   98.9  35.90  0.00  0.0  4
## 6026   469   98.5  16.80  0.00  0.0  4
## 6027   624   99.4  29.50  0.00  0.0  4
## 6028   381   98.7  15.60  0.00  0.0  4
## 6029   416   99.0  21.00  0.00  0.0  4
## 6030   499   99.2  24.40  0.00  0.0  4
## 6031   441  100.0 306.50  0.00  0.0  6
## 6032   307   99.7  16.50  0.00  0.0  4
## 6033  1429   99.9  29.00  0.00  0.0  4
## 6034   427   99.5  89.40  0.00  0.0  4
## 6035   257  100.0  64.50  0.00  0.0  4
## 6036   336  100.0  15.80  0.00  0.0  4
## 6037  1754   99.8  56.00  0.00  0.0  4
## 6038   325   99.4  19.40  0.00  0.0  4
## 6039   319  100.0  17.70  0.00  0.0  4
## 6040   373   98.9  13.60  0.00  0.0  4
## 6041   355  100.0  16.30  0.00  0.0  4
## 6042   293  100.0  13.30  0.00  0.0  4
## 6043   396   98.7  26.00  0.00  0.0  4
## 6044   313   99.7 130.20  0.00  0.0  4
```

```
## 6045  304  98.7  49.10  0.00  0.0  4
## 6046  337  99.1  15.60  0.00  0.0  4
## 6047  416  99.5  32.40  0.00  0.0  4
## 6048  280 100.0  22.00  0.00  0.0  4
## 6049 2620  99.9  21.50  0.00  0.0  4
## 6050  227  98.7  14.00  0.00  0.0  4
## 6051  418 100.0  45.90  0.00  0.0  4
## 6052  422  99.3  18.60  0.00  0.0  4
## 6053  345  98.3  12.00  0.00  0.0  4
## 6054 1972  99.9  72.00  0.00  0.0  4
## 6055 4044 100.0  22.30  0.00  0.0  4
## 6056  279 100.0  20.00  0.00  0.0  4
## 6057  489  99.6  40.40  0.00  0.0  4
## 6058  252  99.2  77.80  0.00  0.0  4
## 6059  458  99.1  35.80  0.00  0.0  4
## 6060  250  98.4  26.70  0.00  0.0  4
## 6061  440  98.6  32.00  0.00  0.0  4
## 6062  303 100.0  13.50  0.00  0.0  4
## 6063  412  99.5  16.00  0.00  0.0  4
## 6064  315  99.7  27.00  0.00  0.0  4
## 6065 1971  99.9 228.00  0.00  0.0  4
## 6066  403 100.0  16.30  0.00  0.0  4
## 6067  702  99.7  65.90  0.00  0.0  4
## 6068  376 100.0  16.70  0.00  0.0  4
## 6069  456  99.3  41.10  0.00  0.0  4
## 6070  365 100.0  16.30  0.00  0.0  4
## 6071  464  99.6  13.20  0.00  0.0  4
## 6072  382 100.0  33.00  0.00  0.0  4
## 6073  423  99.8  17.10  0.00  0.0  4
## 6074  201  99.5  26.70  0.00  0.0  4
## 6075 1515  99.8 235.00  0.00  0.0  4
## 6076  379  99.7  16.70  0.00  0.0  4
## 6077  457 100.0  16.70  0.00  0.0  4
```

```
## 6078  2097  99.9  15.00  0.00  0.0  4
## 6079   289  99.0  28.60  0.00  0.0  4
## 6080   268  97.8  25.00  0.00  0.0  4
## 6081   400  99.5  41.00  0.00  0.0  4
## 6082   587  99.8  28.60  0.00  0.0  4
## 6083   389 100.0  64.50  0.00  0.0  4
## 6084   508  99.6  17.70  0.00  0.0  4
## 6085   342  99.4  19.40  0.00  0.0  4
## 6086   700  98.6  25.00  0.00  0.0  4
## 6087  3430 100.0  26.80  0.00  0.0  4
## 6088   402 100.0  16.70  0.00  0.0  4
## 6089   380 100.0 433.90  0.00  0.0  6
## 6090   475  99.8  85.80  0.00  0.0  4
## 6091   319 100.0  13.30  0.00  0.0  4
## 6092   478 100.0  16.30  0.00  0.0  4
## 6093  1208  99.8  38.00  0.00  0.0  4
## 6094   417 100.0  17.20  0.00  0.0  4
## 6095   396  99.2  21.00  0.00  0.0  4
## 6096   478  99.0  40.80  0.00  0.0  4
## 6097   456  99.1  16.70  0.00  0.0  4
## 6098   489  99.2  81.00  0.00  0.0  4
## 6099   446  99.1  44.00  0.00  0.0  4
## 6100   349 100.0  16.30  0.00  0.0  4
## 6101   495 100.0  24.00  0.00  0.0  4
## 6102   481  99.4  33.70  0.00  0.0  4
## 6103   328  99.7  16.30  0.00  0.0  4
## 6104  2684  99.9  39.36  0.00  0.0  4
## 6105   421  99.8  17.40  0.00  0.0  4
## 6106   339  99.4  16.30  0.00  0.0  4
## 6107   355  99.7  41.20  0.00  0.0  4
## 6108   303  99.7  16.50  0.00  0.0  4
## 6109   389  99.2  16.80  0.00  0.0  4
## 6110  3455  99.9  20.90  0.00  0.0  4
```

```
## 6111   299  99.7  41.50  0.00  0.0  4
## 6112   275  97.8  24.30  0.00  0.0  4
## 6113  2764 100.0  19.90  0.00  0.0  4
## 6114   180  98.3  28.90  0.00  0.0  4
## 6115   247  99.6  62.10  0.00  0.0  4
## 6116   212  98.6  17.50  0.00  0.0  4
## 6117   214  99.1  14.00  0.00  0.0  4
## 6118  3295  99.8 265.00  0.00  0.0  6
## 6119   439  99.8  17.90  0.00  0.0  4
## 6120   345 100.0  15.80  0.00  0.0  4
## 6121   346  99.7  15.80  0.00  0.0  4
## 6122   718 100.0  24.60  0.00  0.0  4
## 6123   323 100.0  16.30  0.00  0.0  4
## 6124   290 100.0  17.10  0.00  0.0  4
## 6125   738 100.0 183.00  0.00  0.0  4
## 6126   515 100.0  24.60  0.00  0.0  4
## 6127  1175  99.8 197.50  0.00  0.0  4
## 6128   455  99.8  24.60  0.00  0.0  4
## 6129   282  99.6  32.70  0.00  0.0  4
## 6130   341 100.0  17.20  0.00  0.0  4
## 6131   381  99.2  37.30  0.00  0.0  4
## 6132   238  99.2  34.30  0.00  0.0  4
## 6133   345  99.4  41.20  0.00  0.0  4
## 6134  2746  99.9 168.00  0.00  0.0  4
## 6135   375 100.0  41.20  0.00  0.0  4
## 6136  4473  99.9  52.80  0.00  0.0  4
## 6137   381 100.0  17.10  0.00  0.0  4
## 6138   215 100.0  38.10  0.00  0.0  4
## 6139   256  98.4  26.70  0.00  0.0  4
## 6140   412 100.0  15.80  0.00  0.0  4
## 6141   438  98.9  39.80  0.00  0.0  4
## 6142   397 100.0  16.70  0.00  0.0  4
## 6143  7232  97.8  10.00 20.00  5.0  7
```

```
## 6144  41122 100.0 31.40 39.80 7.9 3
## 6145  37610  99.9 23.88 58.00 5.5 2
## 6146   3866  99.6 31.90 29.80 6.7 3
## 6147   2143  98.0 20.00 39.80 7.9 7
## 6148  34648  99.9 31.40 35.00 7.9 3
## 6149  14045 100.0 27.60 48.00 6.0 2
## 6150   7742  99.9 28.80 78.00 5.0 2
## 6151  10762 100.0 39.00 39.00 6.1 3
## 6152   1461  99.0 23.70 44.00 7.0 3
## 6153   9157  99.9 30.80 35.00 5.0 2
## 6154   4879  99.8 17.50 18.00 5.0 2
## 6155  18332  99.9  9.00 36.50 7.9 3
## 6156   1028  99.0 28.80 38.00 5.0 2
## 6157  25275  99.7 19.00 32.80 5.0 2
## 6158   1026  98.3 16.40 22.00 7.0 3
## 6159   1356  99.9 15.40 88.00 6.8 3
## 6160   2373 100.0 59.70 68.00 5.0 2
## 6161   4169  99.9 34.00 42.00 5.0 2
## 6162    521  99.0 21.00 28.00 7.9 3
## 6163   5572  99.9 149.00 298.00 5.0 1
## 6164  19017  99.9 156.50 206.00 7.6 1
## 6165   6442 100.0 34.00 68.00 5.0 2
## 6166   6831  99.9 29.50 59.00 5.0 2
## 6167   9513  99.9 74.40 98.00 7.6 3
## 6168    399  98.7 15.90 38.00 4.2 2
## 6169    656  99.1 15.40 22.00 7.0 3
## 6170    997  99.9 35.90 49.00 7.3 3
## 6171   4470 100.0 19.00 38.00 5.0 2
## 6172   2278 100.0 27.00 54.00 5.0 2
## 6173   5909  99.9 25.80 80.00 3.2 2
## 6174   3771 100.0 21.00 42.00 5.0 2
## 6175   3272  99.9 49.00 98.00 5.0 2
## 6176   1531  99.8 20.50 28.00 7.3 3
```

```
## 6177     6085  100.0  23.90  39.80  6.0  2
## 6178      218   98.6  35.50  45.00  7.9  3
## 6179    19313   99.9  37.80  49.80  7.6  3
## 6180      454   98.7  21.30  29.80  7.1  3
## 6181     2427  100.0  44.00  88.00  5.0  2
## 6182      264  100.0  30.00  45.00  6.7  3
## 6183      699  100.0  91.10 144.00  6.3  1
## 6184      392   99.5  17.30  22.00  7.9  3
## 6185     4230  100.0  82.00 108.00  7.6  1
## 6186     4111  100.0  19.50  39.00  5.0  2
## 6187     5409   99.9  26.90  49.00  5.5  2
## 6188     1949   99.8 122.40 272.00  4.5  1
## 6189     3168  100.0  30.20  39.80  7.6  3
## 6190     3691  100.0  90.70 119.40  7.6  1
## 6191      294   99.0  19.70  25.00  7.9  3
## 6192      986  100.0  14.50  29.00  5.0  2
## 6193      276   99.3  22.80  32.00  7.1  3
## 6194      619  100.0  84.00 168.00  5.0  1
## 6195     1066  100.0  29.00  58.00  5.0  2
## 6196     1278   99.9  57.20  78.00  7.3  3
## 6197      777  100.0  16.00  32.00  5.0  2
## 6198     1782   99.9  30.20  39.80  7.6  3
## 6199     1869  100.0  30.20  39.80  7.6  3
## 6200      194  100.0  22.80  32.00  7.1  3
## 6201     1919   99.9  41.60  60.00  6.9  3
## 6202      136   97.8  37.90  48.00  7.9  7
## 6203    32343  100.0  99.00 198.00  5.0  1
## 6204  1684852   99.9 108.90 198.00  5.5 10
## 6205    33218   98.3  19.40  29.00  6.7  7
## 6206    35679   99.1  13.80  20.00  6.9  3
## 6207    36127   99.3 105.00 175.00  6.0  1
## 6208    20165   97.6  21.60  28.00  7.7  7
## 6209    64487   97.7  44.30  88.60  5.0  7
```

```
## 6210  530529  99.8  64.90  118.00  5.5  10
## 6211    8483 100.0  75.60  168.00  4.5   1
## 6212  163135  99.9  99.00  198.00  5.0   1
## 6213  399004 100.0  69.00  138.00  5.0   8
## 6214  130776  99.9  48.00   98.00  4.9   2
## 6215    4745 100.0  34.30   88.00  3.9   2
## 6216    4482 100.0  34.30   88.00  3.9   2
## 6217   22620  98.5  20.40   32.00  6.4   3
## 6218   20600  99.3  71.60  112.00  6.4   1
## 6219    5945 100.0 132.60  199.00  6.7   1
## 6220  106813  99.9  44.00   88.00  5.0   2
## 6221   15187  99.4  37.50   59.60  6.3   3
## 6222   14697  98.6  39.00   69.80  5.6   2
## 6223   13092  99.5 131.10  228.00  5.8   1
## 6224   10277  99.0 124.00  248.00  5.0   1
## 6225   13216  97.9  32.00   48.00  6.7   7
## 6226   94263  99.9  69.00  138.00  5.0   1
## 6227  127584 100.0 108.00  216.00  5.0   1
## 6228   12375  98.9  59.80  119.60  5.0   2
## 6229   11984  98.8  27.30   70.00  3.9   2
## 6230   15697  98.6   9.90   19.80  5.0   2
## 6231  165677 100.0 120.00  240.00  5.0   1
## 6232   14478  99.2  58.00   79.20  7.3   3
## 6233   15808  99.7  32.00  120.00  2.7   2
## 6234   10036  99.4  53.20   79.80  6.7   3
## 6235   51671  99.9 464.00  928.00  5.0   5
## 6236  107955 100.0  25.00   50.00  5.0   2
## 6237    9472  99.6  53.20   79.80  6.7   3
## 6238    2416 100.0  38.20   49.00  7.8   3
## 6239   10752  98.6  67.20  112.00  6.0   1
## 6240    2244 100.0  38.20   49.00  7.8   3
## 6241    7912  98.8 109.00  218.00  5.0   1
## 6242   62350  99.9  54.00  108.00  5.0   2
```

## 6243	3620	100.0	95.00	144.00	6.6	1
## 6244	11296	99.3	79.00	158.00	5.0	1
## 6245	70506	100.0	69.50	88.00	7.9	3
## 6246	10257	99.3	90.00	150.00	6.0	1
## 6247	8717	98.6	21.60	28.00	7.7	3
## 6248	8807	98.4	18.70	28.00	6.7	3
## 6249	785551	99.8	84.00	168.00	5.0	10
## 6250	188612	99.9	206.10	458.00	4.5	5
## 6251	10619	98.9	45.90	117.60	3.9	2
## 6252	210854	100.0	88.90	200.00	4.4	8
## 6253	10674	98.4	38.80	99.60	3.9	2
## 6254	106430	100.0	63.90	128.00	5.0	1
## 6255	91826	99.9	400.00	600.00	6.7	5
## 6256	22605	99.9	63.90	128.00	5.0	1
## 6257	3921	99.9	46.60	59.00	7.9	3
## 6258	44835	100.0	37.50	75.00	5.0	2
## 6259	8222	97.3	66.00	90.00	7.3	7
## 6260	8930	99.4	82.80	138.00	6.0	1
## 6261	5240	97.7	37.80	60.00	6.3	7
## 6262	7567	99.2	59.50	119.00	5.0	2
## 6263	8698	99.9	111.30	174.00	6.4	1
## 6264	7729	99.2	30.00	60.00	5.0	2
## 6265	67838	100.0	54.00	108.00	5.0	2
## 6266	39908	99.9	20.50	108.00	1.9	4
## 6267	5497	98.9	31.20	80.00	3.9	2
## 6268	5864	99.9	24.50	49.00	5.0	2
## 6269	8641	100.0	24.90	49.90	5.0	2
## 6270	4146	100.0	25.99	48.00	3.9	2
## 6271	62820	100.0	18.70	98.00	5.0	2
## 6272	4467	97.4	49.00	128.00	5.0	7
## 6273	6790	99.7	63.90	498.00	5.0	5
## 6274	3601	100.0	249.00	59.00	7.9	1
## 6275	4313	100.0	0.00	59.00	7.9	3

```
## 6276   17123  99.9  46.60  108.00  5.0  2
## 6277   38044  99.9  46.60  210.00  5.0  1
## 6278    6495  99.3  54.00  210.00  5.0  1
## 6279    3579 100.0 105.00   59.00  7.9  3
## 6280    9330 100.0 146.99   58.00  5.0  1
## 6281    3434  99.9 105.00   58.00  7.9  3
## 6282    6867  99.8  46.60  120.00  6.7  3
## 6283   78886 100.0  19.00   38.00  5.0  2
## 6284    4142  96.6   6.60    9.00  7.3  7
## 6285  176436  99.7  24.20   36.80  6.6  8
## 6286    5783  98.2  24.00   60.00  4.0  7
## 6287    6577  99.7  80.00  120.00  6.7  1
## 6288    5363  99.4  54.00   90.00  6.0  3
## 6289   40238  99.9  78.00  156.00  5.0  1
## 6290    1226 100.0  38.20   49.00  7.8  3
## 6291    1007 100.0  75.60  168.00  4.5  1
## 6292    1239 100.0  38.20   49.00  7.8  3
## 6293    7022 100.0  98.00  196.00  5.0  1
## 6294   30044  99.9  13.80  168.00  0.8  4
## 6295    6122  99.8  32.00  120.00  2.7  2
## 6296    5088  99.4  44.00   88.00  5.0  2
## 6297   36342  99.9 199.00  398.00  5.0  5
## 6298    7548  99.7  32.00  120.00  2.7  2
## 6299    7071  99.6  32.00  120.00  2.7  2
## 6300    4921  99.4  67.20  168.00  4.0  1
## 6301   17317 100.0 100.00  200.00  5.0  1
## 6302    1839  99.8 275.30  447.00  6.2  5
## 6303  111966 100.0  16.20   24.90  6.5  3
## 6304    4861  98.2  28.00   72.00  3.9  7
## 6305   17679 100.0  76.10  160.00  4.8  1
## 6306  114051  99.9  84.00  168.00  5.0  1
## 6307    7366  99.8  32.00  120.00  2.7  2
## 6308   31769 100.0  49.00   98.00  5.0  2
```

```
## 6309  345277  100.0  35.70  42.00  8.5  8
## 6310    3494   97.9  12.50  18.80  6.6  7
## 6311   84714  100.0  39.00  78.00  5.0  2
## 6312    8112   99.8  32.00 120.00  2.7  2
## 6313    3745   99.2 146.60 220.00  6.7  1
## 6314    5640   98.5  12.50  25.00  5.0  7
## 6315   15258   99.9 133.10 459.00  2.9  5
## 6316    7792   99.8  66.00 198.00  3.3  1
## 6317    2750   98.7  52.00 130.00  4.0  2
## 6318   86513  100.0  37.80 108.00  3.5  2
## 6319    5194   99.4  10.80  14.80  7.3  3
## 6320   41738  100.0  38.00  76.00  5.0  2
## 6321   44274  100.0  27.50  55.00  5.0  2
## 6322  120793   99.9  51.80  79.90  6.5  2
## 6323   28689   99.9  17.80 120.00  1.5  4
## 6324   18367   99.9 112.00 168.00  6.7  1
## 6325   44766   99.8 149.00 298.00  5.0  1
## 6326    3753   98.3  80.00 160.00  5.0  1
## 6327    4087   99.2  57.40  82.80  6.9  3
## 6328   21390   99.9  43.00  86.00  5.0  2
## 6329    4242   99.5  11.60  14.80  7.8  3
## 6330    3962   98.7   8.40  13.50  6.2  3
## 6331  100253   99.9  39.30  56.80  6.9  3
## 6332    5740   99.7  29.30  75.00  3.9  2
## 6333    2748   99.0 233.30 350.00  6.7  5
## 6334    4215   99.1  20.10  32.00  6.3  3
## 6335    2467   99.7 279.30 399.00  7.0  5
## 6336   35436   99.9  75.00 150.00  5.0  1
## 6337    3481   98.5  12.80  24.80  5.2  7
## 6338    5704   99.9  98.30 338.90  2.9  1
## 6339    2504   99.9  99.50 199.00  5.0  1
## 6340    5525   99.9 124.00 248.00  5.0  1
## 6341  184938  100.0 176.99  79.90  6.5  8
```

```
## 6342   2835   98.3   51.80   25.00  6.6  7
## 6343   3138   97.5    6.00    9.00  6.7  7
## 6344  68196  100.0   74.90  149.90  5.0  1
## 6345  24439   99.9   50.00  100.00  5.0  2
## 6346   5358   99.1   14.90   29.90  5.0  2
## 6347  21334   99.9   44.00   88.00  5.0  2
## 6348  32663  100.0  136.00  272.00  5.0  1
## 6349   3811   99.1   14.90   29.90  5.0  2
## 6350   4128   99.5    6.70   13.50  5.0  2
## 6351  68748  100.0   16.20   24.90  6.5  3
## 6352  19298   99.9   74.00  148.00  5.0  1
## 6353 193931  100.0   51.80   79.90  6.5  8
## 6354   3004   99.1  108.00  180.00  6.0  1
## 6355   2770   99.1   92.90  139.40  6.7  1
## 6356  28810   99.9   45.80  158.00  2.9  2
## 6357  17730   99.9   32.00   60.00  5.3  2
## 6358  12310  100.0   36.00   72.00  5.0  2
## 6359   3603   98.6   41.50   63.20  6.6  3
## 6360  19395   99.9  106.20  166.00  6.4  1
## 6361   3123   96.5    4.00    8.00  5.0  7
## 6362  32704   99.9   77.50  155.00  5.0  1
## 6363   4071   98.6   60.10   79.20  7.6  3
## 6364  16383  100.0   86.50  118.00  7.3  1
## 6365  27586   99.9   16.50  108.00  1.5  4
## 6366  12551   99.9   44.00   88.00  5.0  2
## 6367   3391   99.4   17.50   25.00  7.0  3
## 6368   5503  100.0   54.00  108.00  5.0  2
## 6369   2504   98.8    5.40    9.00  6.0  3
## 6370   3009   99.1   84.60  188.00  4.5  1
## 6371   3086   99.1   18.70   28.00  6.7  3
## 6372   3595  100.0  113.40  252.00  4.5  1
## 6373   3459   98.5   14.90   29.90  5.0  7
## 6374   2720   98.1    6.30    9.00  7.0  7
```

```
## 6375  204261  99.9  100.00  200.00  5.0  8
## 6376    3016  98.4   60.00   90.00  6.7  3
## 6377    4303  99.4   11.30   25.00  4.5  2
## 6378   17598  99.9   59.00  118.00  5.0  2
## 6379    3119  99.3   34.80   49.80  7.0  3
## 6380    2919  99.9   34.30   88.00  3.9  2
## 6381    3146  99.3   12.30   16.80  7.3  3
## 6382    2232 100.0   34.30   88.00  3.9  2
## 6383    5001  99.9   69.00  138.00  5.0  1
## 6384    8211 100.0   65.00  130.00  5.0  1
## 6385    4614  99.7   14.60   20.00  7.3  3
## 6386    3501  99.7   37.80   60.00  6.3  3
## 6387    1790  99.4   16.00   40.00  4.0  2
## 6388    4118  99.3    9.20   12.60  7.3  3
## 6389   26743  99.8  110.00  220.00  5.0  1
## 6390   10936  99.9   58.50   79.80  7.3  3
## 6391   18013  99.9  268.00  536.00  5.0  5
## 6392     589 100.0   41.40   49.00  8.4  3
## 6393   14492  99.9   69.50   88.00  7.9  3
## 6394    3425  99.4   10.80   14.80  7.3  3
## 6395  148904  99.8   30.80   39.00  7.9  8
## 6396    3274  99.1   95.20  180.00  5.3  1
## 6397    2395  98.0   44.80  168.00  2.7  7
## 6398   21977  99.8   59.30  156.00  3.8  1
## 6399    1845  98.3   50.00   94.00  5.3  7
## 6400    2199  96.2   20.50   52.80  3.9  7
## 6401     635  99.7   57.60   96.00  6.0  2
## 6402   30868 100.0  120.00  240.00  5.0  1
## 6403   21858  99.9   24.90   49.80  5.0  2
## 6404    2336  97.6   18.40   55.20  3.3  7
## 6405   28543 100.0   55.30   70.00  7.9  3
## 6406   24142  99.9  149.00  298.00  5.0  1
## 6407     682 100.0   24.90   49.80  5.0  2
```

```
## 6408   2732  99.3  106.10  134.40  7.9  1
## 6409   2442  98.4   32.00   80.00  4.0  7
## 6410  86848  99.5  129.00  258.00  5.0  1
## 6411   3679  99.2   37.60   56.00  6.7  3
## 6412    700 100.0   51.20   68.00  7.5  3
## 6413 210534 100.0   32.99  225.00  5.5  8
## 6414   2280  99.1  123.75  142.80  5.2  1
## 6415   4982  99.9   74.20  160.00  5.0  1
## 6416  43310 100.0   80.00   64.00  5.0  2
## 6417  45123 100.0   32.00   24.90  6.5  3
## 6418   2740  98.9   16.20   36.00  3.9  2
## 6419   2262  98.6   14.00   62.80  4.0  2
## 6420  15210  99.9   25.10   88.00  5.0  2
## 6421  20753  99.8   44.00   60.00  2.8  2
## 6422  18906  99.9   16.50  398.00  5.0  1
## 6423  11882  99.9  107.50  168.00  6.4  1
## 6424  15565  99.9  149.00  298.00  5.0  1
## 6425   2441  98.2   23.50   58.80  4.0  7
## 6426    702 100.0   27.50   55.00  5.0  2
## 6427   1168  96.7   22.00  120.00  5.0  7
## 6428   7279  99.9   60.00  106.80  4.5  2
## 6429  17783  99.9   48.10  900.00  4.5  5
## 6430  10924  99.9  405.00  158.40  5.1  6
## 6431   2501  98.9   80.20   13.80  7.1  3
## 6432   4643  99.6    9.80   14.80  7.3  3
## 6433   2245  98.9   10.80    9.00  4.9  2
## 6434   1916  97.7    4.40   75.00  2.4  7
## 6435   1609  99.7   18.00  125.00  6.7  3
## 6436  10212 100.0   83.30   96.00  6.1  1
## 6437  51153 100.0   58.50   58.80  7.3  3
## 6438   2478  97.7   43.10    9.00  7.1  7
## 6439 102198  99.9    6.40   78.00  6.6  3
## 6440  18838 100.0   51.40   78.00  5.0  2
```

```
## 6441  10691  99.9  39.00  180.00  5.0  1
## 6442  11857  100.0  90.00  138.00  5.0  1
## 6443  40373  100.0  24.90  49.80  5.0  2
## 6444  2229  98.1  36.00  72.00  5.0  7
## 6445  2020  98.8  75.60  180.00  4.2  1
## 6446  14113  100.0  101.20  138.00  7.3  1
## 6447  4953  99.9  29.80  59.60  5.0  2
## 6448  3675  99.8  56.60  298.00  1.9  1
## 6449  6488  99.8  63.90  128.00  5.0  1
## 6450  2679  98.6  38.90  99.80  3.9  2
## 6451  81618  99.7  50.00  100.00  5.0  2
## 6452  98412  100.0  53.50  107.00  5.0  2
## 6453  1942  98.7  52.00  78.00  6.7  3
## 6454  14113  99.6  199.00  398.00  5.0  5
## 6455  820  99.8  53.80  138.00  3.9  2
## 6456  4473  99.9  82.70  119.40  6.9  1
## 6457  45933  100.0  138.00  276.00  5.0  1
## 6458  1777  99.0  80.00  160.00  5.0  1
## 6459  1704  99.4  83.70  119.60  7.0  1
## 6460  3031  98.5  37.50  75.00  5.0  7
## 6461  1267  99.2  55.00  75.00  7.3  3
## 6462  2642  99.5  65.50  131.00  5.0  1
## 6463  9443  99.9  152.90  392.00  3.9  1
## 6464  2326  98.9  144.90  210.00  6.9  1
## 6465  1534  98.8  14.50  21.80  6.7  3
## 6466  1850  99.0  35.60  89.00  4.0  2
## 6467  1168  98.6  54.00  108.00  5.0  2
## 6468  2069  99.5  84.90  108.00  7.9  3
## 6469  3062  99.6  10.80  14.80  7.3  3
## 6470  2344  98.1  13.50  19.80  6.8  7
## 6471  1487  100.0  134.50  269.00  5.0  1
## 6472  2520  99.0  15.00  25.00  6.0  3
## 6473  1383  98.0  33.10  82.80  4.0  7
```

```
## 6474  1890  96.8  33.30  72.00  4.6  7
## 6475  2437  98.9  41.60  60.00  6.9  3
## 6476  2375  98.9  14.90  29.90  5.0  2
## 6477  8538 100.0 154.90 196.00  7.9  1
## 6478 16575  99.8  19.80  60.00  3.3  2
## 6479  1695  98.3   5.00  10.00  5.0  7
## 6480   618  94.0 102.90 144.00  7.1  9
## 6481  2354 100.0  79.50 159.00  5.0  1
## 6482  2069  97.5   9.80  12.50  7.8  7
## 6483   487 100.0  27.40  54.80  5.0  2
## 6484  1297 100.0  88.20 117.00  7.5  1
## 6485  2105  99.1  17.80  25.00  7.1  3
## 6486 20870 100.0  99.00 198.00  5.0  1
## 6487 52844  99.9 240.00 480.00  5.0  5
## 6488  2881 100.0  29.00  58.00  5.0  2
## 6489  2152  99.3   9.80  13.80  7.1  3
## 6490  1711  98.5  36.00 108.00  3.3  2
## 6491 15597  99.9  37.40  96.00  3.9  2
## 6492  1835  99.2  96.00 180.00  5.3  1
## 6493 20403 100.0  44.00  88.00  5.0  2
## 6494  2101  99.5  17.80  25.00  7.1  3
## 6495 11060  99.9 232.30 294.00  7.9  1
## 6496  8684  99.9 176.40  98.00  5.0  1
## 6497 34898  99.9  49.00 504.00  5.0  5
## 6498  5333  99.7 252.00  18.80  5.0  1
## 6499  1045 100.0   9.40  49.00  7.0  3
## 6500 18989  99.9  34.30 128.00  5.0  2
## 6501  1782  97.6  63.90  60.00  3.5  7
## 6502  8005  99.9  21.10  92.00  2.3  2
## 6503  1838  99.3  10.90  13.80  7.9  3
## 6504  7349  99.4  45.00  90.00  5.0  2
## 6505 28956 100.0  54.00 108.00  5.0  2
## 6506  1310  99.2 576.20 980.00  5.9  5
```

```
## 6507  33075  99.6  180.00  360.00  5.0  1
## 6508  39561 100.0   12.50   25.00  5.0  2
## 6509  10282  99.8   24.30   48.00  5.1  2
## 6510   2249  99.7   50.20   79.80  6.3  3
## 6511   1896  97.3   48.60   81.00  6.0  7
## 6512   1607  98.9   23.00   75.00  3.1  2
## 6513  21277  99.9   44.00   88.00  5.0  2
## 6514  17482 100.0   89.40  178.80  5.0  1
## 6515   9382 100.0   99.60  199.20  5.0  1
## 6516   1778  97.5    1.00    1.50  6.7  7
## 6517  14966 100.0  112.00  168.00  6.7  1
## 6518  28593 100.0   16.20   24.90  6.5  3
## 6519    631 100.0   19.50   39.00  5.0  2
## 6520   1701  99.0   75.00  150.00  5.0  1
## 6521   2501  99.2   11.40   16.00  7.1  3
## 6522   1222  97.0   85.50  190.00  4.5  7
## 6523   1822  99.2    9.80   13.80  7.1  3
## 6524  13207  99.9  400.00  600.00  6.7  5
## 6525   1370  99.0  156.20  248.00  6.3  1
## 6526   7639  99.9   82.50  165.00  5.0  1
## 6527   3769 100.0  106.90  159.20  6.7  1
## 6528  10179  99.9   39.00   78.00  5.0  2
## 6529  41909 100.0   88.00  176.00  5.0  1
## 6530   2643  99.6   24.80   55.00  4.5  2
## 6531    648 100.0   24.90   49.80  5.0  2
## 6532  27385 100.0   59.70  119.40  5.0  2
## 6533   7854  99.9   81.00  135.00  6.0  1
## 6534 245825  99.9  177.30  266.00  6.7  8
## 6535   1071 100.0   24.50   49.00  5.0  2
## 6536  29666  99.9   24.00   48.00  5.0  2
## 6537 222140 100.0  162.00  324.00  5.0  1
## 6538   1498  98.4   35.70   71.40  5.0  7
## 6539   1442  98.8   15.80   23.80  6.6  3
```

```
## 6540  2232  100.0  175.00  350.00  5.0  1
## 6541  5582   99.7   26.10   80.00  3.3  2
## 6542  1873  100.0  175.00  350.00  5.0  1
## 6543 15173  100.0   24.30  128.00  1.9  4
## 6544 78267   99.7   13.50   19.50  6.9  3
## 6545  1573   98.5    6.00    9.00  6.7  3
## 6546 40126   99.9   79.00  158.00  5.0  1
## 6547 76733   99.9   99.90  199.80  5.0  1
## 6548  1138   98.7  156.40  198.00  7.9  1
## 6549 14493  100.0   45.00   90.00  5.0  2
## 6550 14809   99.9   54.00  108.00  5.0  2
## 6551 36603   98.7   39.00   78.00  5.0  2
## 6552 33426   99.8  192.00  384.00  5.0  5
## 6553  2812   99.5   10.20   16.00  6.4  3
## 6554 12855   99.8   26.80  148.00  1.8  4
## 6555   999  100.0   24.90   49.80  5.0  2
## 6556  4131  100.0  192.00  192.00 10.0  1
## 6557 17846   99.9   26.80  126.40  2.1  2
## 6558  1809   97.3   17.30   22.00  7.9  7
## 6559  1903   99.5   14.60   20.00  7.3  3
## 6560 58753   99.9  154.50  309.00  5.0  1
## 6561  1274   98.5   15.80   23.80  6.6  3
## 6562  1800   98.3   25.70   66.00  3.9  7
## 6563  2112   99.0   11.80   19.80  6.0  3
## 6564 10738  100.0   86.20  117.60  7.3  1
## 6565 70071   99.8   44.00   88.00  5.0  2
## 6566 13000   99.9   38.20   98.00  3.9  2
## 6567  1569   99.8   41.40   64.80  6.4  3
## 6568 14362   99.6  290.00  580.00  5.0  5
## 6569  4300   99.7   42.40   70.80  6.0  2
## 6570  1278   99.1   35.20   84.00  4.2  2
## 6571  1969   99.5    5.90   15.00  3.9  2
## 6572  1693   99.5   12.30   16.80  7.3  3
```

```
## 6573  1286  96.7  58.80  84.00  7.0  7
## 6574  1577  98.4  25.20  36.00  7.0  3
## 6575  1515  97.0  11.70  15.00  7.8  7
## 6576 28826 100.0  12.50  25.00  5.0  2
## 6577 14644 100.0  39.50  79.00  5.0  2
## 6578 15417  99.9  31.30 100.00  3.1  2
## 6579   912  97.4  35.60  89.00  4.0  7
## 6580  1407  98.4  16.60  23.80  7.0  3
## 6581  3298  99.7   9.40  18.80  5.0  2
## 6582  9138  99.9  86.50 118.00  7.3  1
## 6583 26348 100.0  21.70  24.90  8.7  3
## 6584  1285  97.7  59.30  89.00  6.7  7
## 6585  6909 100.0 157.30 236.00  6.7  1
## 6586 20787  99.9  90.00 200.00  4.5  1
## 6587  2846  99.5  18.10  68.00  2.7  2
## 6588  1170  97.1  36.00  72.00  5.0  7
## 6589  3506  99.8  20.80  29.80  7.0  3
## 6590   682 100.0  24.90  49.80  5.0  2
## 6591 14393  99.9  50.30  68.00  7.4  3
## 6592  1394  99.2 171.60 240.00  7.2  1
## 6593   421 100.0  24.90  49.80  5.0  2
## 6594  9801  99.9  19.90  39.80  5.0  2
## 6595  1300  98.8   8.80  12.00  7.3  3
## 6596  1466  98.6  95.20 142.80  6.7  1
## 6597  1515  98.7 103.80 159.00  6.5  1
## 6598 56529 100.0 158.00 316.00  5.0  1
## 6599  3389  99.9 120.60 268.00  4.5  1
## 6600 16574 100.0  47.10  68.00  6.9  3
## 6601  1327  99.3 159.80 218.00  7.3  1
## 6602 68338  99.8  99.00 198.00  5.0  1
## 6603  2068  98.5   7.80  11.00  7.1  3
## 6604  6156  99.9 173.20 224.00  7.7  1
## 6605  2420  99.6  60.80  90.00  6.8  3
```

```
## 6606  27503  100.0  19.90  39.80  5.0  2
## 6607   2002   99.5  44.90 115.20  3.9  2
## 6608    581   91.2  53.70  80.00  6.7  9
## 6609   3094   99.9 229.10 358.00  6.4  5
## 6610   1331   98.0  15.80  23.80  6.6  7
## 6611   1252   96.4  74.60 112.00  6.7  7
## 6612  36144  100.0  60.00 120.00  5.0  2
## 6613   1034   99.2  72.00  15.00  6.9  3
## 6614  88279  100.0  10.30  79.90  3.8  2
## 6615   7652   99.9  30.50 600.00  4.5  5
## 6616   1525   99.1 270.00  25.00  6.6  1
## 6617   3740   99.9  16.60  20.00  5.0  2
## 6618   6705   99.9  10.00  78.00  5.0  2
## 6619  40316  100.0  39.00 200.00  5.0  1
## 6620   1532   99.3 100.00 168.00  6.7  1
## 6621   1487   98.4 112.90  42.00  4.2  7
## 6622  12157  100.0  17.60  47.00  4.9  2
## 6623   1711   99.1  63.00 126.00  5.0  1
## 6624   1205   98.9  37.90  48.00  7.9  3
## 6625   1640   99.3   8.60  11.80  7.3  3
## 6626    985   98.2  16.60  23.80  7.0  7
## 6627  17589   99.9  27.30  49.80  5.5  2
## 6628   1341   98.7  11.40  22.90  5.0  2
## 6629   1537   98.2  22.50  45.00  5.0  7
## 6630   1465   99.0  60.00 100.00  6.0  3
## 6631   1104   98.7  58.80 147.20  4.0  1
## 6632  25332   99.9  19.90  39.80  5.0  2
## 6633   1541   98.1  33.20  85.00  3.9  7
## 6634   1117   98.5  12.00  36.00  3.3  2
## 6635   8321   99.9  49.00  98.00  5.0  2
## 6636   1367   99.0 150.00 300.00  5.0  1
## 6637  17282  100.0  29.50  59.00  5.0  2
## 6638  22428  100.0   9.50  19.00  5.0  2
```

```
## 6639    962  97.0  10.30  16.80 6.1  7
## 6640   1528  99.2  11.80  19.80 6.0  3
## 6641   1843  99.3  44.80  64.00 7.0  3
## 6642    804  99.9 132.00 518.80 2.5  5
## 6643   1086  99.0  70.00  98.00 7.1  3
## 6644 619398  99.9 114.50 229.00 5.0 10
## 6645  15703  99.9 105.00 210.00 5.0  1
## 6646   1259  99.5 112.60 178.80 6.3  1
## 6647   1428 100.0  74.00 148.00 5.0  1
## 6648   7303  99.9  64.80 108.00 6.0  1
## 6649    853  99.2  34.30  48.00 7.1  3
## 6650    873  99.4  59.20 222.00 2.7  1
## 6651   1241  98.7   5.40   9.00 6.0  3
## 6652  74978  99.8  39.00  78.00 5.0  2
## 6653  10051  99.9 105.30 158.00 6.7  1
## 6654   8488 100.0  39.90  79.80 5.0  2
## 6655 535965 100.0 207.00 414.00 5.0 10
## 6656   1359  99.8  23.30  35.00 6.7  3
## 6657   1240  99.4 128.70 257.40 5.0  1
## 6658    700  96.3 249.30 340.00 7.3  5
## 6659   3141 100.0   9.40  18.80 5.0  2
## 6660   5344  99.9 199.20 398.40 5.0  5
## 6661   3324 100.0 157.90 252.00 6.3  1
## 6662   7762 100.0  99.00 198.00 5.0  1
## 6663   1311  98.9  11.50  14.80 7.8  3
## 6664   1372  97.2   7.50  15.00 5.0  7
## 6665   1126  97.5  10.90  18.80 5.8  7
## 6666   4890 100.0  63.90 128.00 5.0  1
## 6667    932  97.9  56.00 112.00 5.0  7
## 6668   1005  99.2  34.50  69.00 5.0  2
## 6669   4067  99.8  39.80 120.00 3.3  2
## 6670  25935  99.9  36.00  72.00 5.0  2
## 6671   3914 100.0  73.30  94.80 7.7  3
```

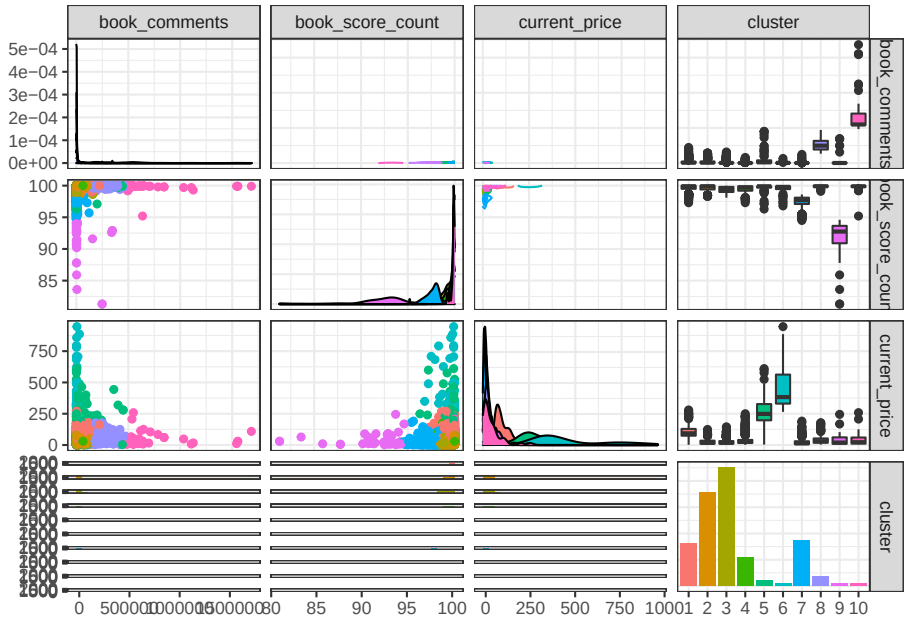
```
## 6672        27859          99.9         34.40         68.80      5.0       2
## 6673          853          98.9        132.70        168.00      7.9       1
## 6674        16801          99.9        366.50        474.00      7.7       5
## 6675          959         100.0         77.20         99.00      7.8       3
## 6676         1344          99.0          4.50          9.00      5.0       2
## 6677         1662          98.9         15.00         25.00      6.0       3
## 6678        21532         100.0          9.50         19.00      5.0       2
## 6679         9069          99.9         47.50         95.00      5.0       2
## 6680         9337          99.8         56.99        380.00      1.9       1
## 6681         8840          99.9         72.20        125.00      2.4       2
## 6682        64083         100.0         30.00         79.90      1.2       4
```

```
chart.kmeans <- ggpairs(result.data.df[c(1,2,3,6)], aes(color=cluster),
                        upper=list(continuous="density")) + theme_bw()
chart.kmeans
```

```
## Warning: stat_contour(): Zero contours were generated

## Warning in min(x): min里所有的参数都不存在; 回覆Inf

## Warning in max(x): max里所有的参数都不存在; 回覆-Inf

## Warning: stat_contour(): Zero contours were generated

## Warning in min(x): min里所有的参数都不存在; 回覆Inf

## Warning in max(x): max里所有的参数都不存在; 回覆-Inf

## Warning: stat_contour(): Zero contours were generated

## Warning in min(x): min里所有的参数都不存在; 回覆Inf

## Warning in max(x): max里所有的参数都不存在; 回覆-Inf

## Warning: stat_contour(): Zero contours were generated
```

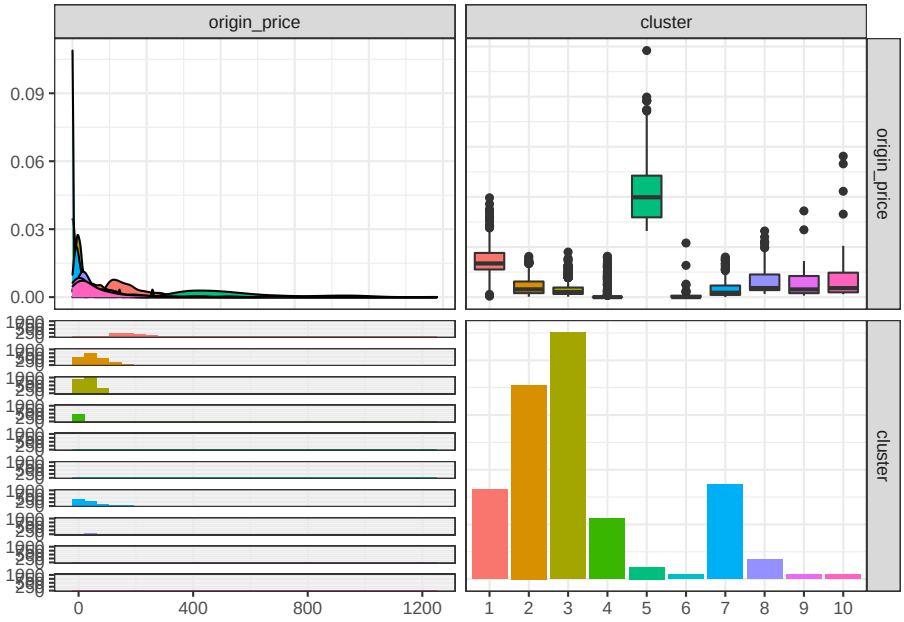
```
## Warning in min(x): min里所有的参数都不存在; 回覆Inf
## Warning in max(x): max里所有的参数都不存在; 回覆-Inf
## Warning: stat_contour(): Zero contours were generated
## Warning in min(x): min里所有的参数都不存在; 回覆Inf
## Warning in max(x): max里所有的参数都不存在; 回覆-Inf
## Warning: stat_contour(): Zero contours were generated
## Warning in min(x): min里所有的参数都不存在; 回覆Inf
## Warning in max(x): max里所有的参数都不存在; 回覆-Inf
## Warning: stat_contour(): Zero contours were generated
## Warning in min(x): min里所有的参数都不存在; 回覆Inf
## Warning in max(x): max里所有的参数都不存在; 回覆-Inf
## Warning: stat_contour(): Zero contours were generated
## Warning in min(x): min里所有的参数都不存在; 回覆Inf
## Warning in max(x): max里所有的参数都不存在; 回覆-Inf
## Warning: stat_contour(): Zero contours were generated
## Warning in min(x): min里所有的参数都不存在; 回覆Inf
## Warning in max(x): max里所有的参数都不存在; 回覆-Inf
```

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```



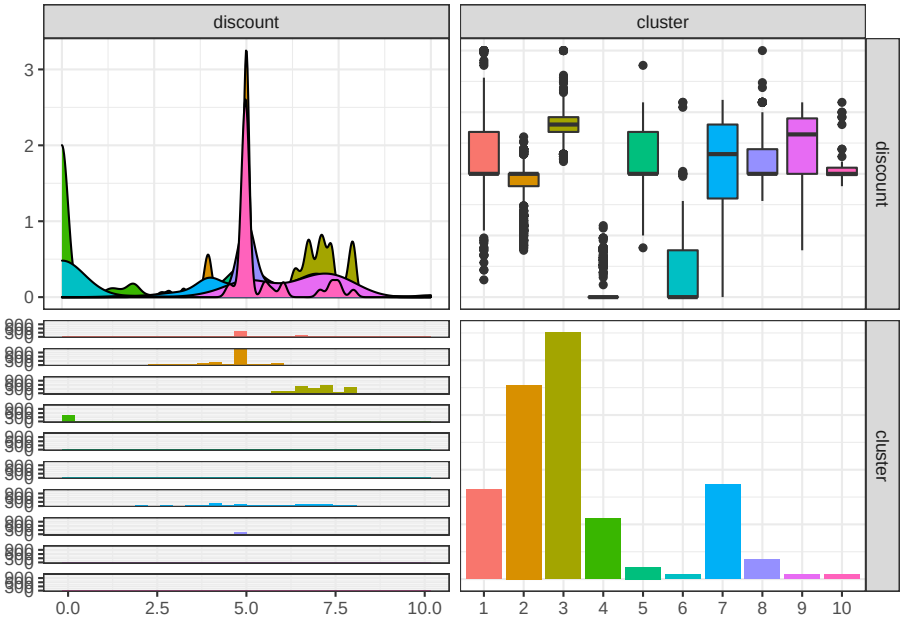

```
chart.kmeans2 <- ggpairs(result.data.df[c(4,6)], aes(color=cluster),
                         upper=list(continuous="density")) + theme_bw()
chart.kmeans2
```

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```



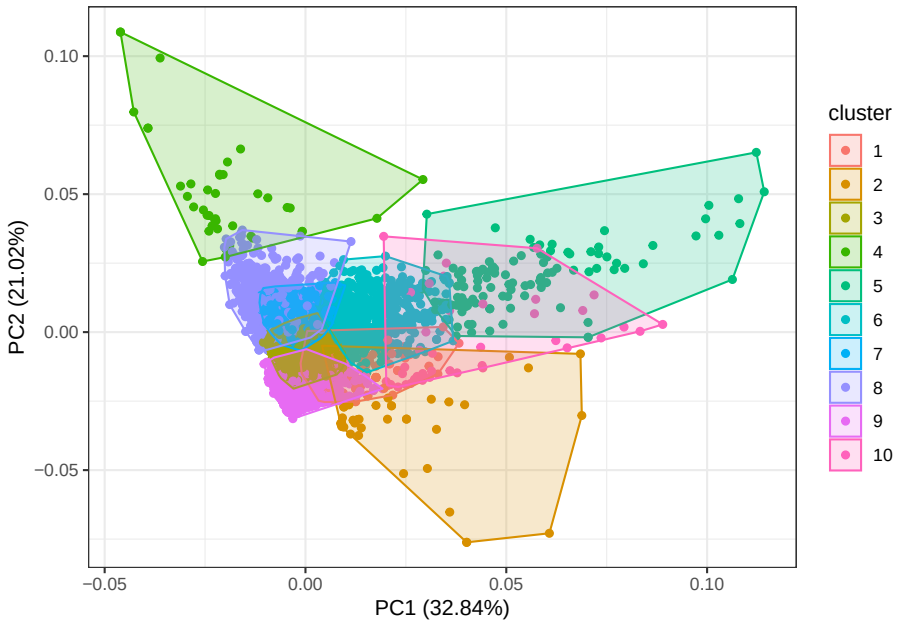

```
chart.kmeans3 <- ggpairs(result.data.df[c(5,6)], aes(color=cluster),
                         upper=list(continuous="density")) + theme_bw()
chart.kmeans3
```

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```



5 聚类结果分析

```
book_cluster<-kmeans(x=data.scaled,centers=10,iter.max=100,nstart=30)
autoplot(book_cluster,data<-data.scaled,label=F,lable.size=2,frame=TRUE)+theme_bw()
```




```
# 添加聚类标签
data_cluster<-data.frame(data.scaled,
                         book_cluster=book_cluster$cluster,
                         stringsAsFactors=F)

Ftest<-function(x,group){
  data<-data.frame(x,group)
  rst<-c(tapply(data$x,data$group,mean),c(unlist(oneway.test(x~group)))[c(1:4)])
  rst<-round(as.numeric(rst),10)
  names(rst)<-c(" 类别 1 均值"," 类别 2 均值"," 类别 3 均值"," 类别 4 均值"," 类别 5 均值"
  return(rst)
}

test_cluster<-t(apply(data_cluster,2,Ftest,group=data_cluster$book_cluster))
test_cluster[1:nrow(test_cluster)-1,]
```

```
##                    类别1均值    类别2均值    类别3均值    类别4均值 类别5均值
## book_comments    3.015935249  8.71562526 -0.06042113  0.23980755 0.3129766
```

```
## book_score_count 0.612374260  0.47166155  0.38285297 -7.03883385 0.4252107
## current_price    0.006604625  0.06350831 -0.29159892 -0.02569958 3.4140762
## origin_price     0.136857106  0.51531815 -0.15510920  0.04768112 5.1764837
## discount         0.118847190 -0.01260520 -0.33147061  0.38938327 0.1341080
##                    类别6均值   类别7均值    类别8均值   类别9均值 类别10均值
## book_comments    -0.07254971 -0.1953360 -0.25699675 -0.2351398 -0.2161183
## book_score_count  0.41459346  0.1363473 -1.57449917  0.2720777  0.1714729
## current_price     0.98157525 -0.2884107 -0.32631356 -0.0451164  6.8843354
## origin_price      1.25704090 -0.3343327 -0.32222799 -0.5686045 -0.5399752
## discount          0.15561439  0.7939844  0.08348754 -2.4903265 -1.9339574
##                        F值 分子自由度 分母自由度 P值
## book_comments     281.7543          9   368.0370   0
## book_score_count  840.8364          9   374.5851   0
## current_price     363.4792          9   364.0846   0
## origin_price      538.1143          9   364.8415   0
## discount         5747.2459          9   365.8793   0
```

```
data$book_cluster<-book_cluster$cluster
data$book_cluster<-factor(data$book_cluster,
                          levels=c(1,2,3,4,5,6,7,8,9,10),
                          labels=c(" 类别 1"," 类别 2"," 类别 3"," 类别 4"," 类别 5"," 类
                          ordered=T)

CompareBoxPlot<-function(x,group,titleX=NULL,titleY=NULL){
  data<-data.frame(x,group)
  plot_ly(data=data,
          x=~x,
          color=~group,
          type="box",
          showlegend=FALSE)%>%
    layout(xaxis=list(title=titleX),
           yaxis=list(title=titleY))
}
```

```
p7<-CompareBoxPlot(x=data$current_price,
                   group=data$book_cluster,
                   titleX=" 图书现价")
p8<-CompareBoxPlot(x=data$origin_price,
                   group=data$book_cluster,
                   titleX=" 图书原价")
p9<-CompareBoxPlot(x=data$discount,
                   group=data$book_cluster,
                   titleX=" 图书折扣")
subplot(p7,p8,p9,nrows=1,widths=c(0.33,0.33,0.33),
        heights=1,margin=0.05,shareX=F,shareY=F,
        titleX=T,titleY=T)
```

```
p10<-CompareBoxPlot(x=data$book_comments,
                    group=data$book_cluster,
                    titleX=" 评论次数")
p11<-CompareBoxPlot(x=data$book_score_count,
                    group=data$book_cluster,
                    titleX=" 五星推荐次数")
subplot(p10,p11,nrows=1,widths=c(0.5,0.5),
        heights=1,margin=0.05,shareX=F,shareY=F,
        titleX=T,titleY=T)
```